

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089732.D
 Acq On : 16 Aug 2016 18:36
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 19:01:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 18:33:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	623297	20.00	ng	0.01
21) Naphthalene-d8	7.99	136	2492805	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	1202306	20.00	ng	0.01
63) Phenanthrene-d10	11.22	188	2166737	20.00	ng	0.01
75) Chrysene-d12	13.89	240	1344475	20.00	ng	-0.01
86) Perylene-d12	15.37	264	1174611	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	4887636	62.75	ng	0.00
7) Phenol-d6	6.35	99	6682751	68.82	ng	0.02
23) Nitrobenzene-d5	7.28	82	5956464	72.41	ng	0.01
41) 2,4,6-Tribromophenol	10.54	330	1759918	73.73	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	8720849	63.24	ng	0.00
78) Terphenyl-d14	12.81	244	6871064	72.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	1402649	69.31	ng	98
3) Pyridine	2.86	79	3849426	76.37	ng	96
4) n-Nitrosodimethylamine	2.83	42	1579773	74.79	ng	82
6) Aniline	6.38	93	4501668	67.08	ng	99
8) 2-Chlorophenol	6.49	128	3135349	72.97	ng	90
9) Benzaldehyde	6.25	77	2315930	70.57	ng	86
10) Phenol	6.36	94	4290713	73.55	ng	98
11) bis(2-Chloroethyl)ether	6.46	93	3327642	78.01	ng	93
12) 1,3-Dichlorobenzene	6.72	146	3223767	69.30	ng	98
13) 1,4-Dichlorobenzene	6.72	146	3223767	68.89	ng	98
14) 1,2-Dichlorobenzene	6.65	146	3511000	78.51	ng	97
15) Benzyl Alcohol	6.86	79	2040052	58.48	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	4135169	75.89	ng	93
17) 2-Methylphenol	6.97	107	2607872	72.82	ng	96
18) Hexachloroethane	7.22	117	1347377	76.93	ng	97
19) n-Nitroso-di-n-propylamine	7.14	70	2366361	74.88	ng	95
20) 3+4-Methylphenols	7.13	107	2687358	61.02	ng	90
22) Acetophenone	7.13	105	4194264	70.55	ng	# 90
24) Nitrobenzene	7.30	77	3772416	85.44	ng	# 87
25) Isophorone	7.54	82	6299658	76.58	ng	96
26) 2-Nitrophenol	7.61	139	1755746	85.78	ng	# 83
27) 2,4-Dimethylphenol	7.66	122	2976165	73.09	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	3749539	71.71	ng	# 93
29) 2,4-Dichlorophenol	7.85	162	2447883	70.73	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	2791404	76.58	ng	# 93
31) Naphthalene	8.02	128	7993239	71.26	ng	95
32) Benzoic acid	7.83	122	2753931	105.54	ng	97
33) 4-Chloroaniline	8.07	127	3618157	67.43	ng	# 88
34) Hexachlorobutadiene	8.14	225	1358040	73.07	ng	100
35) Caprolactam	8.48	113	856663	80.15	ng	91
36) 4-Chloro-3-methylphenol	8.56	107	2821506	78.24	ng	96
37) 2-Methylnaphthalene	8.81	142	5387776	69.56	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	2793043	83.07	ng	97
40) Hexachlorocyclopentadiene	8.87	237	1323013	71.25	ng	99

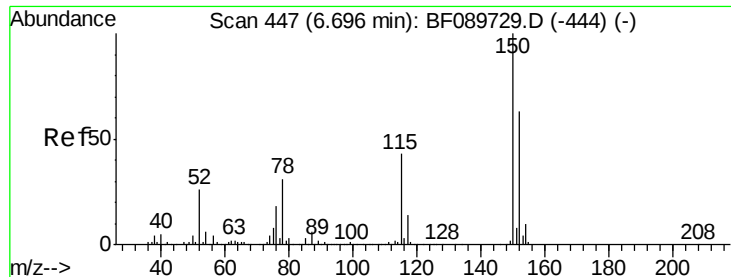
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089732.D
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Quant Time: Aug 16 19:01:32 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 18:33:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1904652	78.98	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	1892930	82.41	nq	96
45) 1,1'-Biphenyl	9.18	154	5397007	54.19	nq	91
46) 2-Chloronaphthalene	9.20	162	5439649	75.32	nq	96
47) 2-Nitroaniline	9.29	65	1777135	76.10	nq	92
48) Acenaphthylene	9.61	152	7446986	65.50	nq	# 87
49) Dimethylphthalate	9.48	163	6060896	71.93	nq	97
50) 2,6-Dinitrotoluene	9.54	165	1508662	80.82	nq	98
51) Acenaphthene	9.78	154	5156407	69.28	nq	95
52) 3-Nitroaniline	9.70	138	1729072	71.43	nq	100
53) 2,4-Dinitrophenol	9.80	184	814603	122.82	nq	98
54) Dibenzofuran	9.95	168	6160366	58.38	nq	# 94
55) 4-Nitrophenol	9.86	139	1294569	69.95	nq	86
56) 2,4-Dinitrotoluene	9.94	165	2036938	84.49	nq	# 76
57) Fluorene	10.30	166	5236538	69.19	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	1321576	66.60	nq	92
59) Diethylphthalate	10.18	149	5748123	66.75	nq	94
60) 4-Chlorophenyl-phenylether	10.28	204	2117384	63.38	nq	90
61) 4-Nitroaniline	10.33	138	1869077	87.44	nq	98
62) Azobenzene	10.44	77	5403240	57.90	nq	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	1141682	98.24	nq	# 57
65) n-Nitrosodiphenylamine	10.41	169	4280393	61.17	nq	95
66) 4-Bromophenyl-phenylether	10.78	248	1428852	64.41	nq	# 72
67) Hexachlorobenzene	10.83	284	1663702	66.81	nq	# 73
68) Atrazine	10.95	200	1658225	80.60	nq	97
69) Pentachlorophenol	11.03	266	1274731	84.90	nq	98
70) Phenanthrene	11.24	178	6333345	58.92	nq	# 88
71) Anthracene	11.30	178	7548512	67.12	nq	# 89
72) Carbazole	11.45	167	6019759	56.17	nq	# 92
73) Di-n-butylphthalate	11.81	149	8471751	68.54	nq	# 94
74) Fluoranthene	12.42	202	7303857	64.31	nq	88
76) Benzidine	12.56	184	4379494	95.11	nq	# 94
77) Pyrene	12.65	202	7117350	82.58	nq	# 91
79) Butylbenzylphthalate	13.30	149	3722783	94.52	nq	90
80) Benzo(a)anthracene	13.87	228	6245388	80.93	nq	94
81) 3,3'-Dichlorobenzidine	13.85	252	2365102	83.48	nq	97
82) Chrysene	13.92	228	4871446	70.27	nq	94
83) Bis(2-ethylhexyl)phthalate	13.91	149	5172526	93.45	nq	94
84) Di-n-octyl phthalate	14.58	149	7331873	87.99	nq	# 98
85) Indeno(1,2,3-cd)pyrene	16.69	276	4919674	82.88	nq	100
87) Benzo(b)fluoranthene	15.02	252	9839979	135.37	nq	96
88) Benzo(k)fluoranthene	15.02	252	9846672	169.37	nq	# 95
89) Benzo(a)pyrene	15.31	252	4849347	79.53	nq	96
90) Dibenzo(a,h)anthracene	16.71	278	4042804	84.43	nq	99
91) Benzo(g,h,i)perylene	17.07	276	4132505	85.14	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

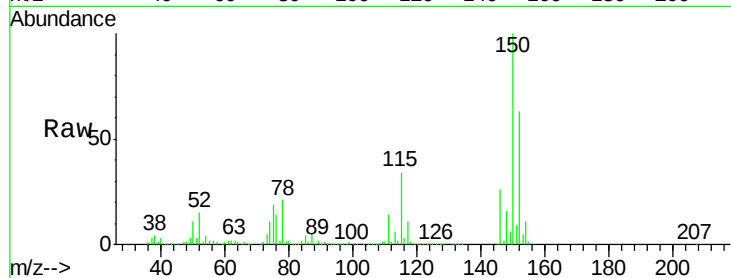


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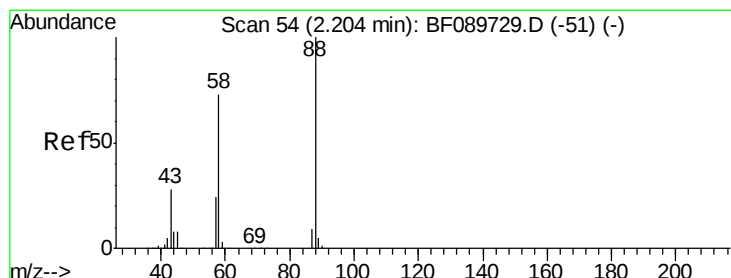
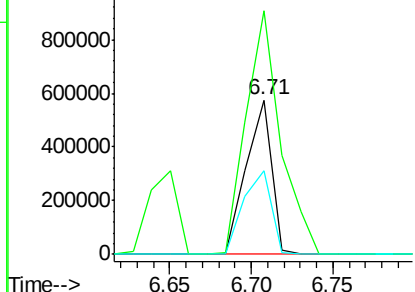
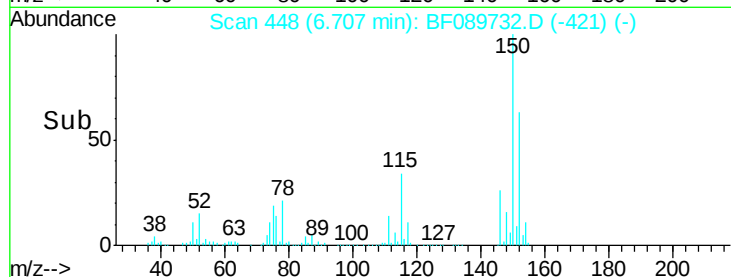
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 623297
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 54.2 40.9 61.3



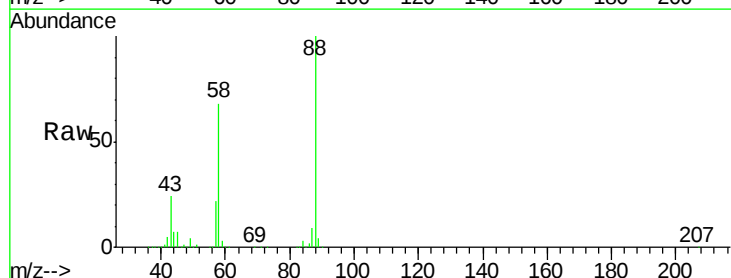
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



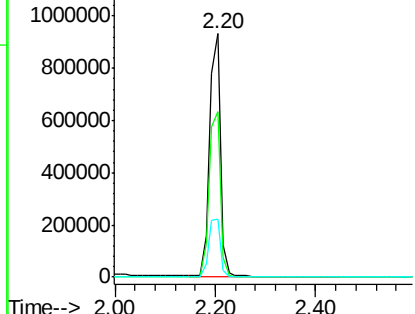
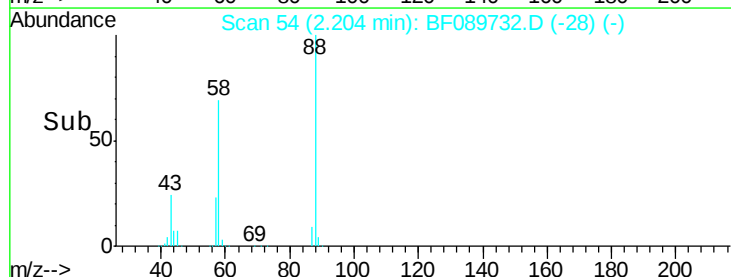
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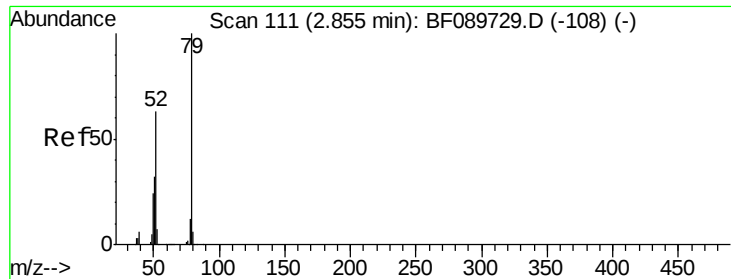
1,4-Dioxane
Concen: 69.31 ng
RT: 2.20 min Scan# 54
Delta R.T. 0.00 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

Tgt Ion: 88 Resp: 1402649
Ion Ratio Lower Upper
88 100
58 69.9 57.0 85.4
43 25.5 21.8 32.8



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 76.37 ng

RT: 2.86 min Scan# 111

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

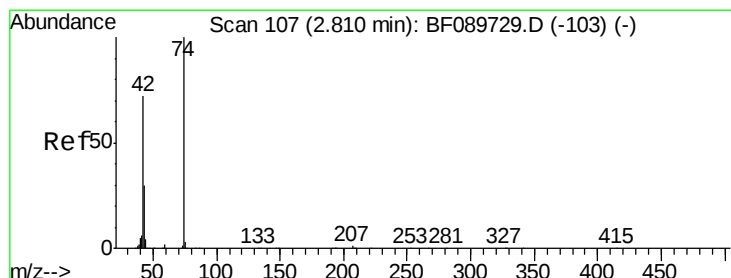
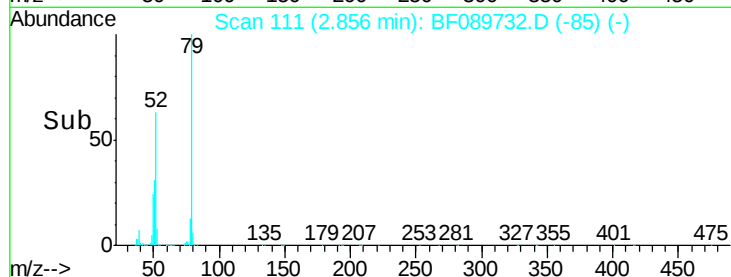
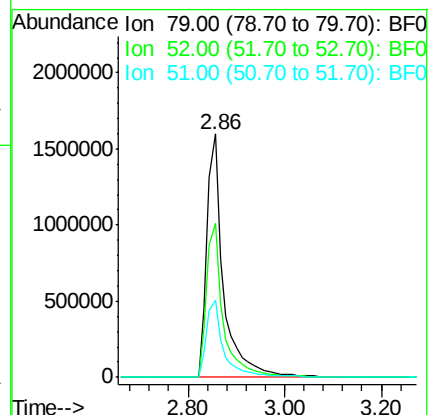
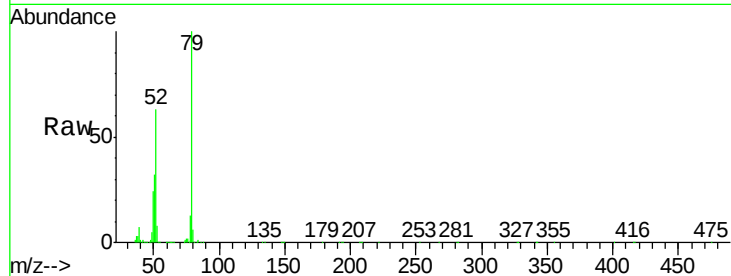
Tot Ion: 79 Resp: 3849426

Ion Ratio Lower Upper

79 100

52 63.4 53.6 80.4

51 31.8 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 74.79 ng

RT: 2.83 min Scan# 109

Delta R.T. 0.02 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

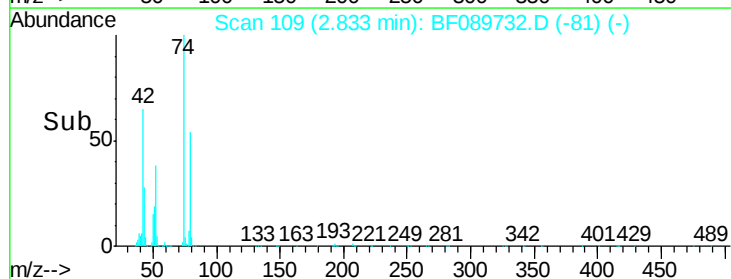
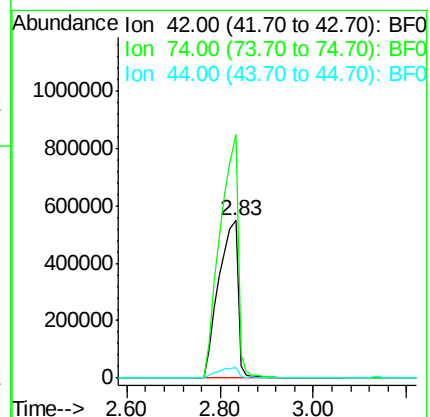
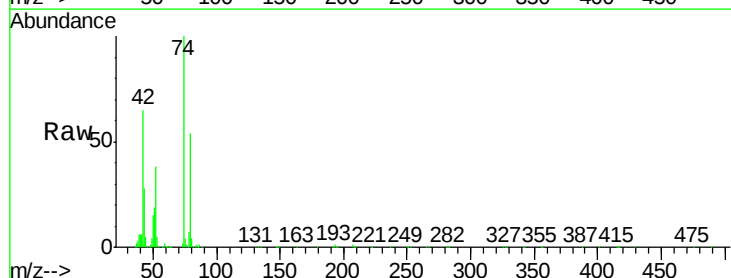
Tgt Ion: 42 Resp: 1579773

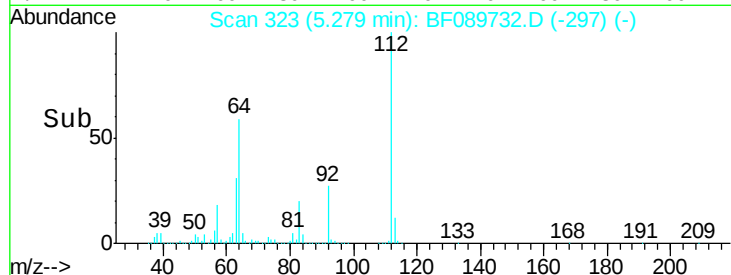
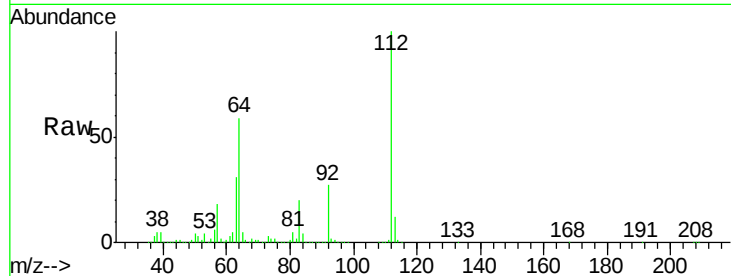
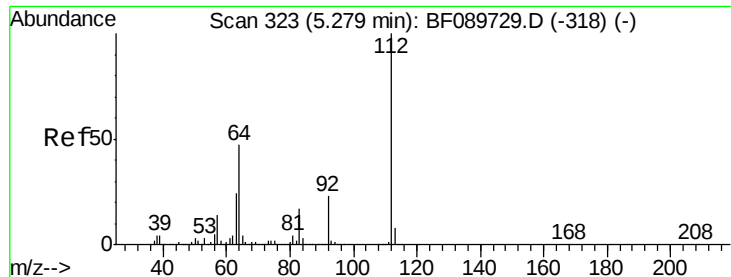
Ion Ratio Lower Upper

42 100

74 154.8 106.2 159.2

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 62.75 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

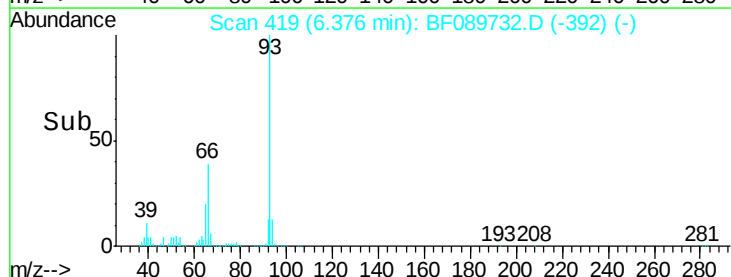
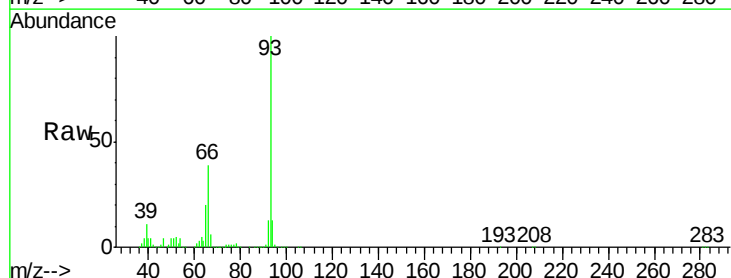
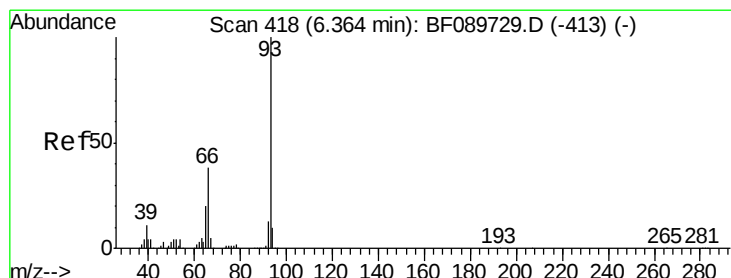
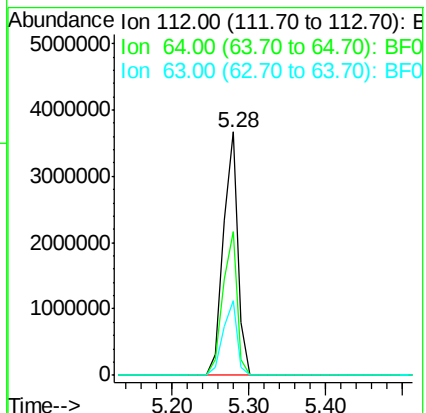
Tot Ion:112 Resp: 4887636

Ion Ratio Lower Upper

112 100

64 59.2 45.0 67.4

63 30.7 23.1 34.7



#6

Aniline

Concen: 67.08 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

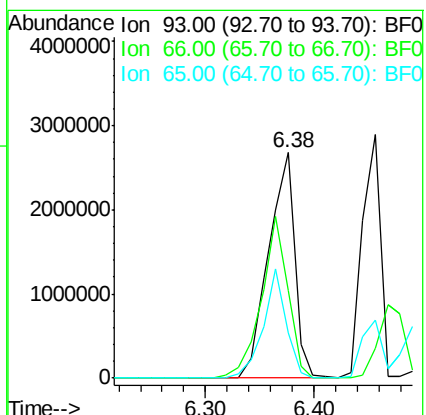
Tgt Ion: 93 Resp: 4501668

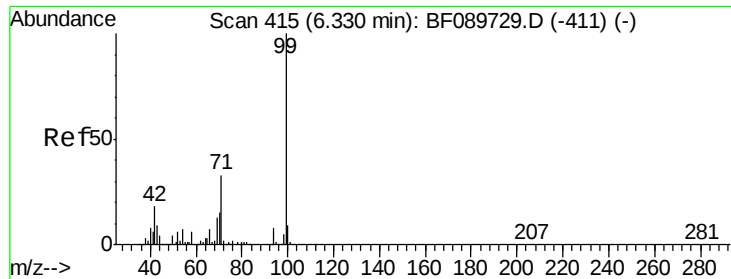
Ion Ratio Lower Upper

93 100

66 39.0 30.6 46.0

65 20.1 15.4 23.2





#7

Phenol-d6

Concen: 68.82 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.02 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

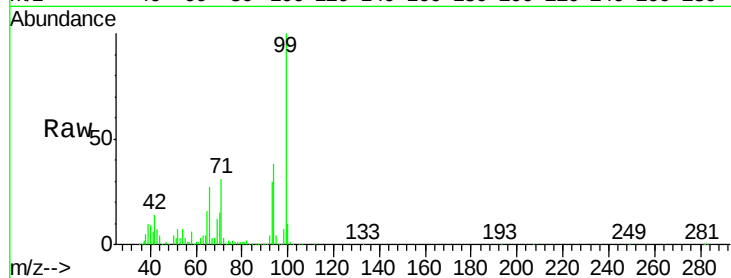
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 6682751

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.2	18.4
71	31.3	23.8	35.8

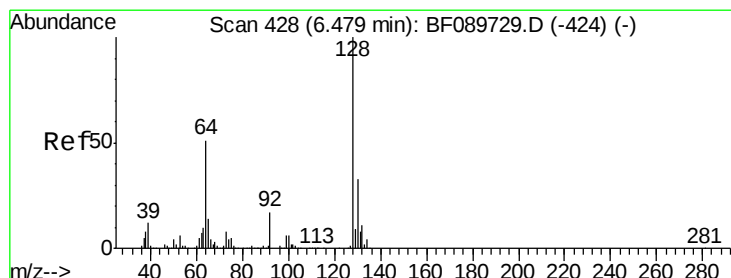
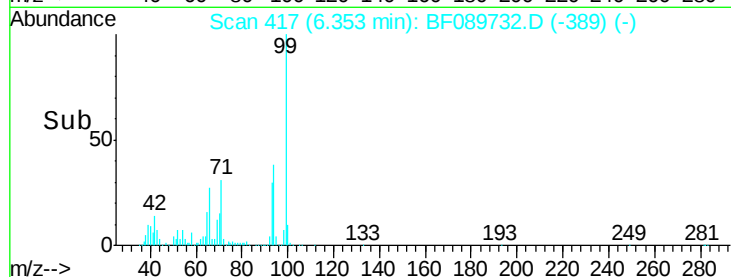
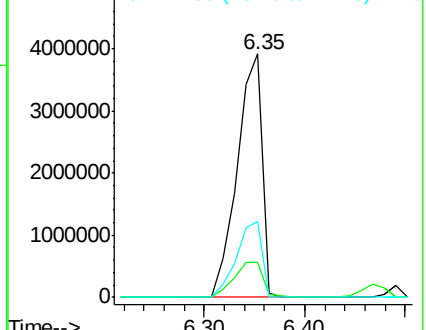


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 72.97 ng

RT: 6.49 min Scan# 429

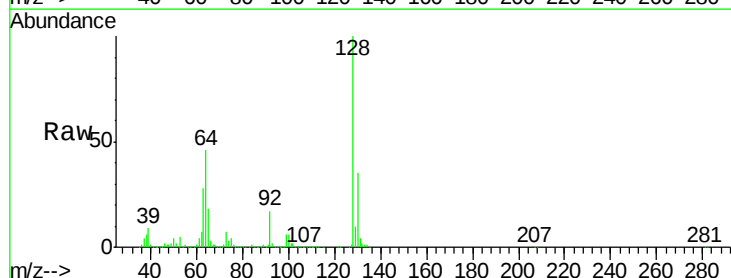
Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Tgt Ion: 128 Resp: 3135349

Ion	Ratio	Lower	Upper
128	100		
130	35.3	12.0	52.0
64	45.8	35.1	75.1

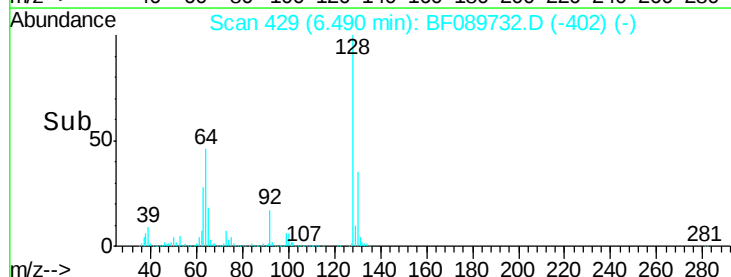
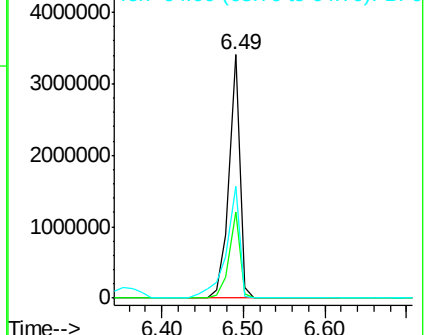


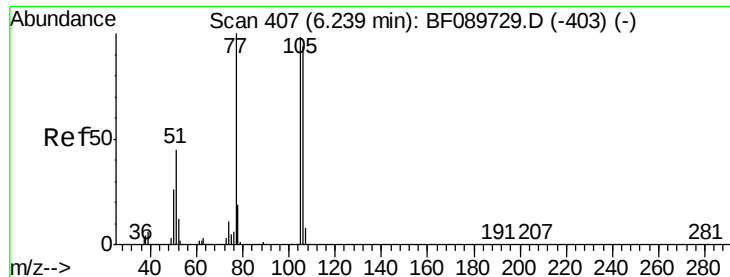
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 70.57 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

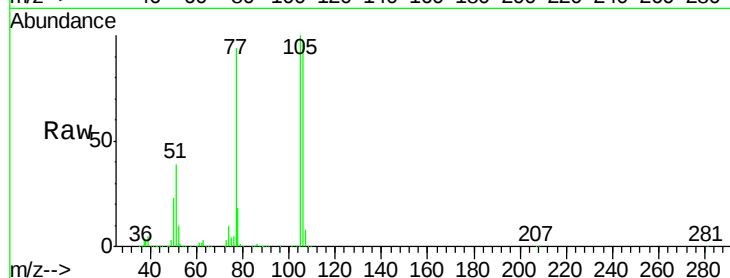
Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 2315930

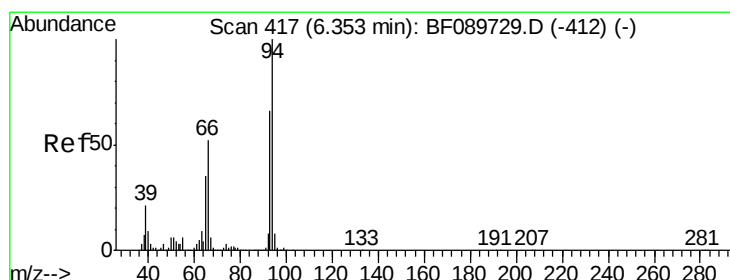
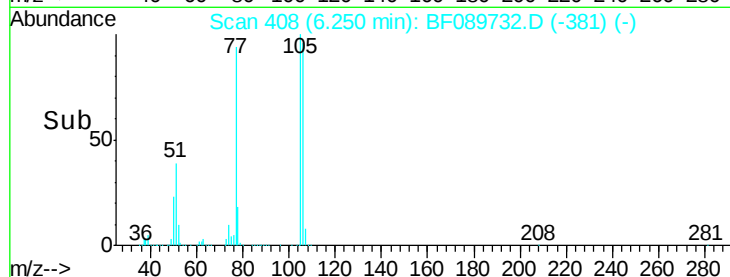
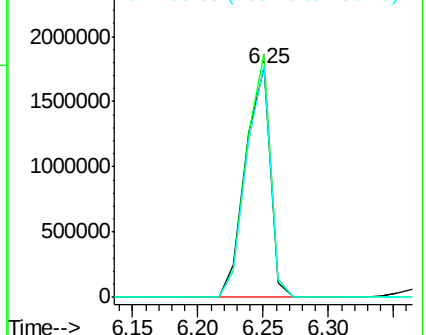
Ion	Ratio	Lower	Upper
77	100		
105	106.2	73.3	113.3
106	101.5	68.6	108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 73.55 ng

RT: 6.36 min Scan# 418

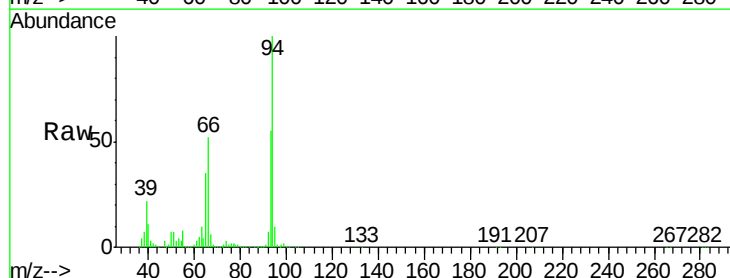
Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Tgt Ion: 94 Resp: 4290713

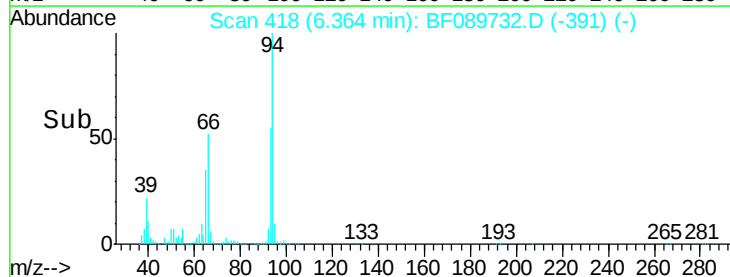
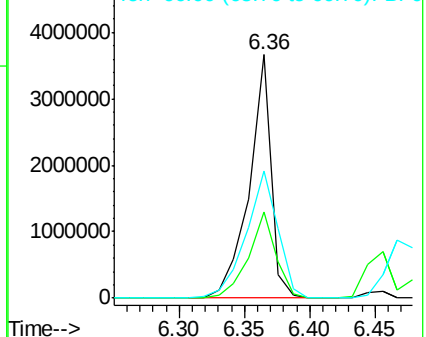
Ion	Ratio	Lower	Upper
94	100		
65	35.4	14.0	54.0
66	52.3	31.2	71.2

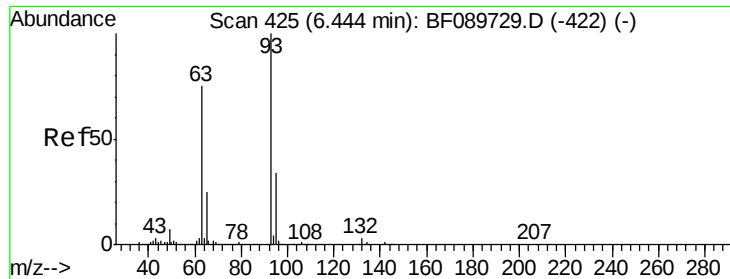


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

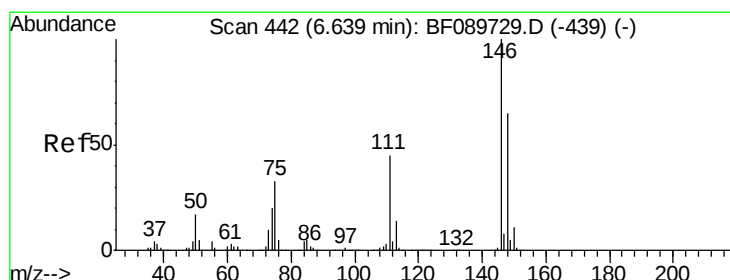
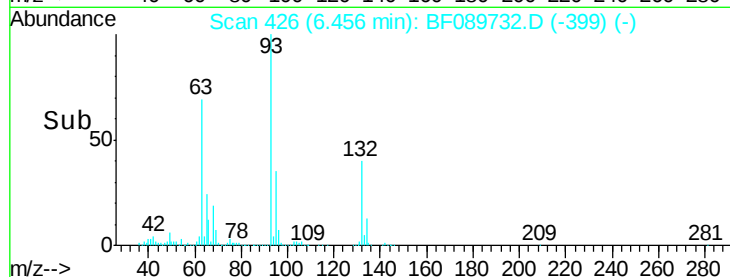
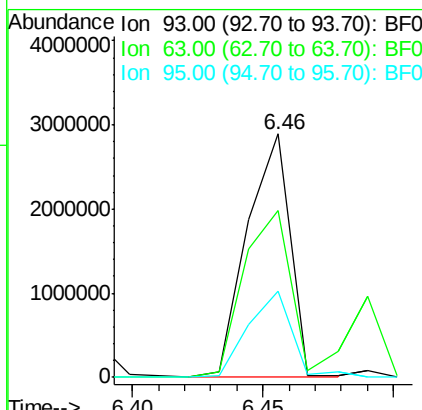
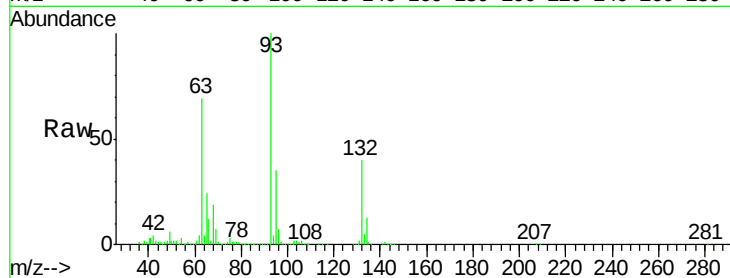




#11
 bis(2-Chloroethyl)ether
 Concen: 78.01 ng
 RT: 6.46 min Scan# 426
 Delta R.T. 0.01 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

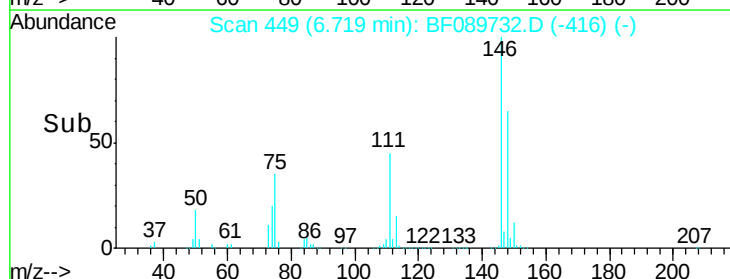
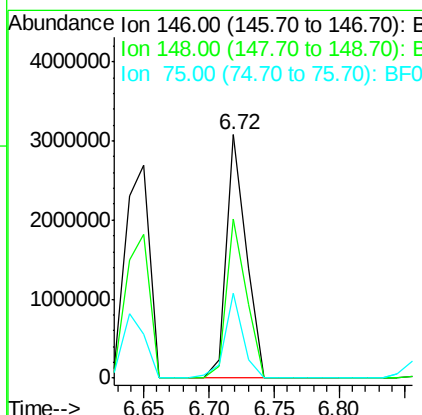
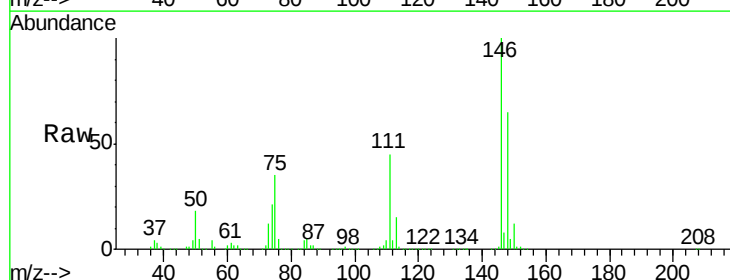
Instrument :
 BNA_F
 ClientSampleId :

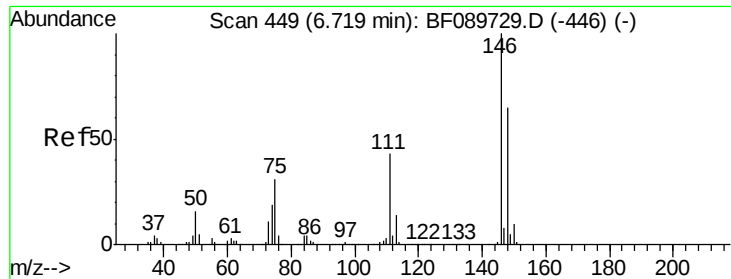
Tot Ion: 93 Resp: 3327642
 Ion Ratio Lower Upper
 93 100
 63 68.6 55.8 95.8
 95 35.3 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 69.30 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.08 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Tgt Ion: 146 Resp: 3223767
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.0 76.4
 75 35.0 27.0 40.6





#13

1,4-Dichlorobenzene

Concen: 68.89 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampled :

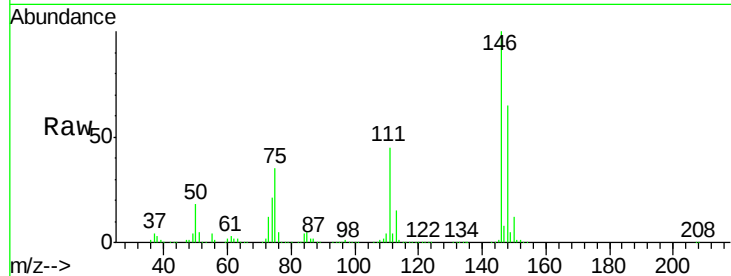
Tot Ion:146 Resp: 3223767

Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.6

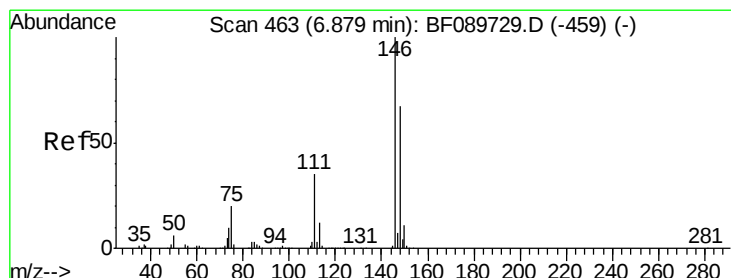
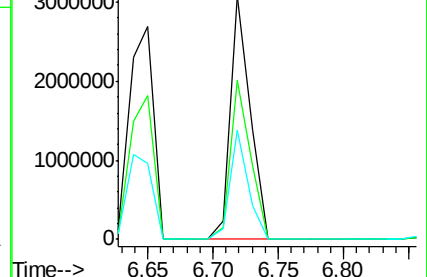
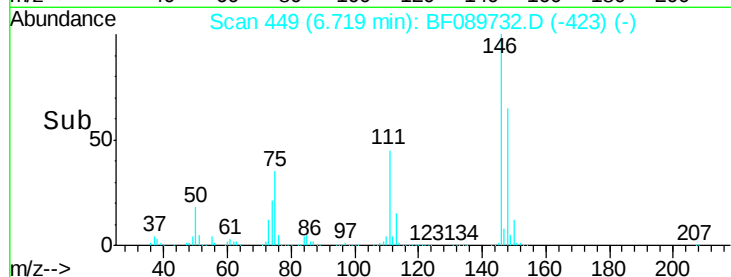
111 45.0 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 78.51 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.23 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

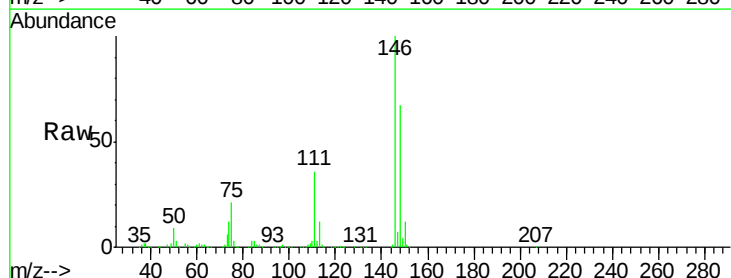
Tgt Ion:146 Resp: 3511000

Ion Ratio Lower Upper

146 100

148 67.2 52.2 78.2

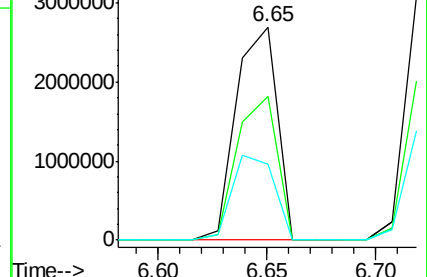
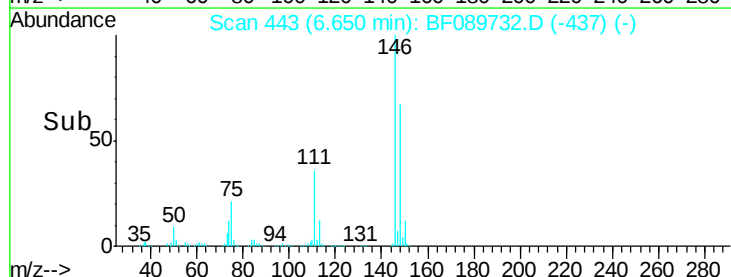
111 35.7 29.8 44.6

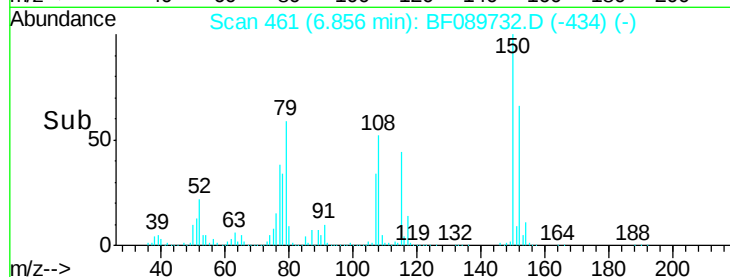
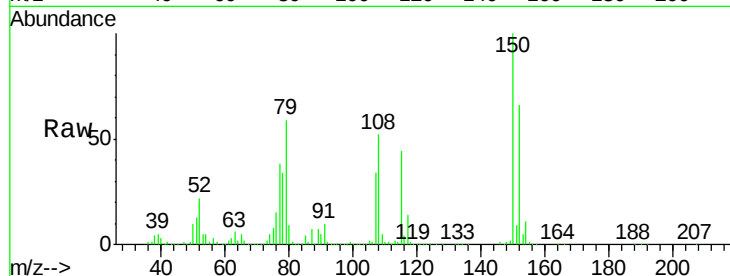
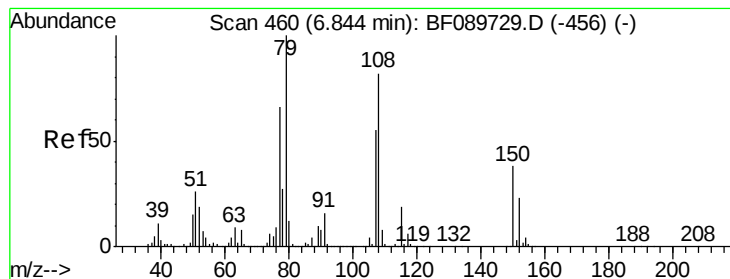


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 58.48 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampled :

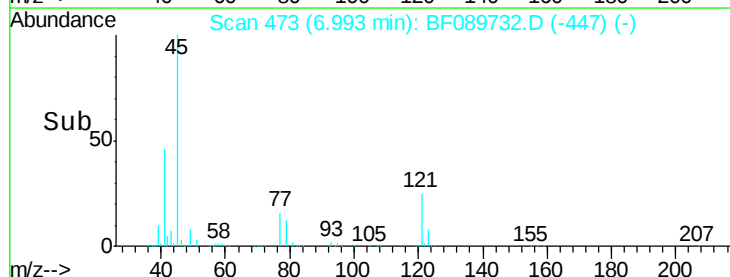
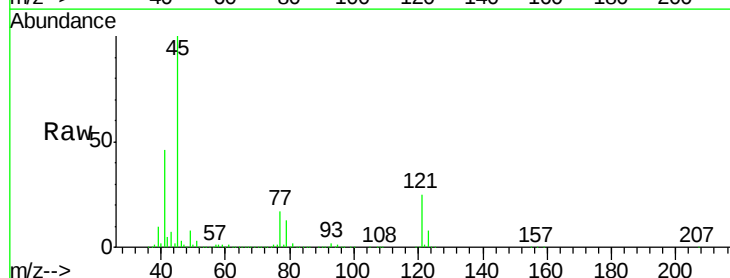
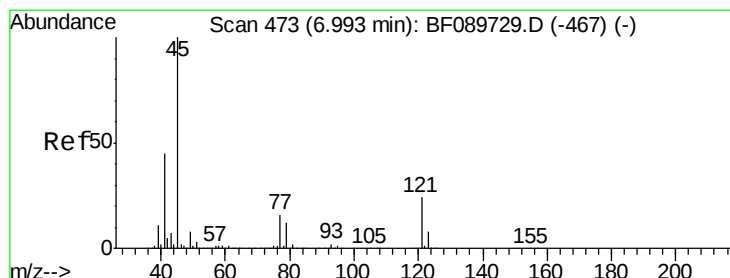
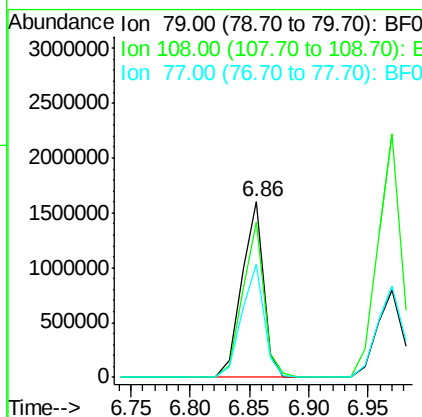
Tot Ion: 79 Resp: 2040052

Ion Ratio Lower Upper

79 100

108 88.3 62.5 93.7

77 64.8 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 75.89 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

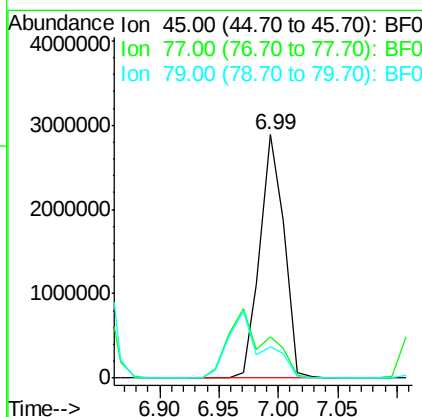
Tgt Ion: 45 Resp: 4135169

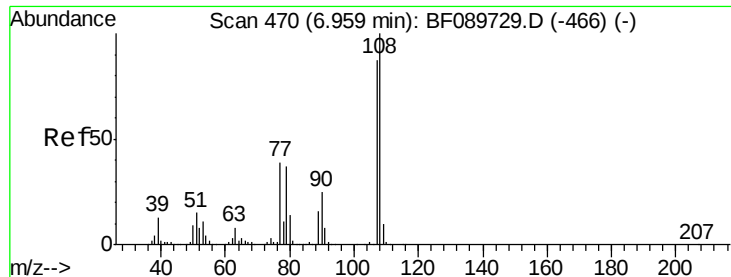
Ion Ratio Lower Upper

45 100

77 16.8 0.0 33.5

79 12.6 0.0 30.7

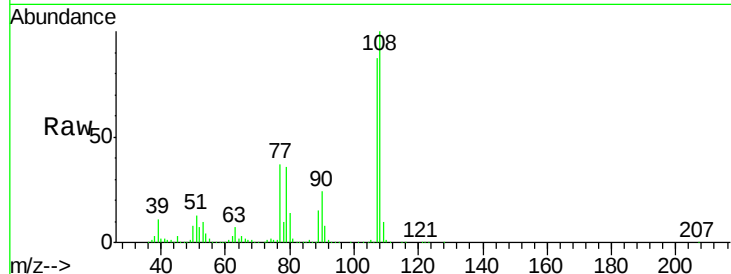




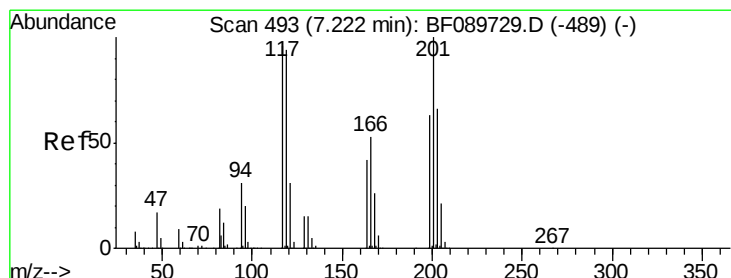
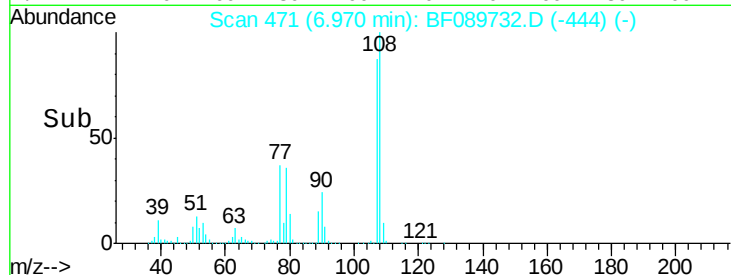
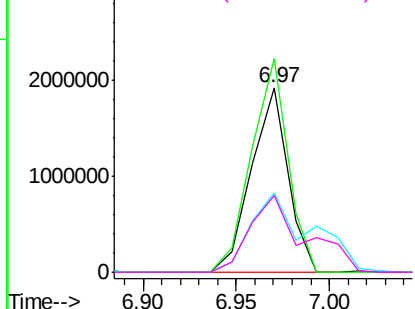
#17
2-Methylphenol
Concen: 72.82 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 2607872
Ion Ratio Lower Upper
107 100
108 115.5 91.0 136.4
77 43.1 37.4 56.0
79 41.4 36.6 55.0

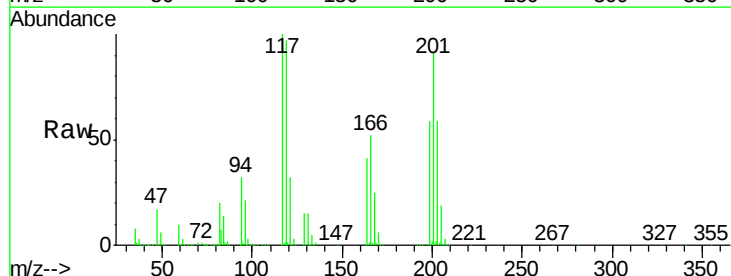


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

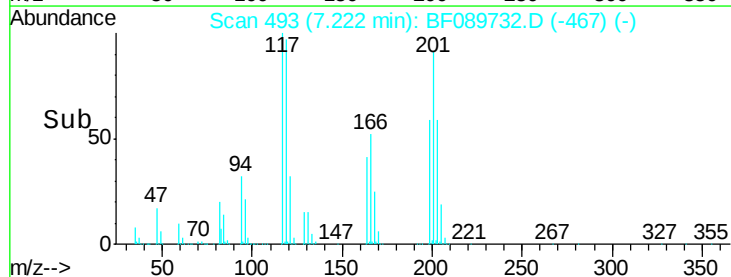
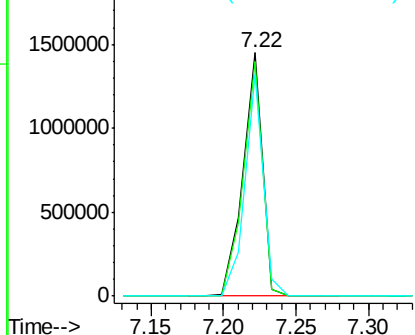


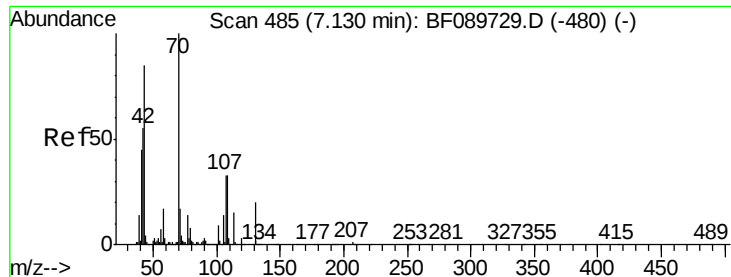
#18
Hexachloroethane
Concen: 76.93 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

Tgt Ion:117 Resp: 1347377
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7
201 91.3 76.9 115.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

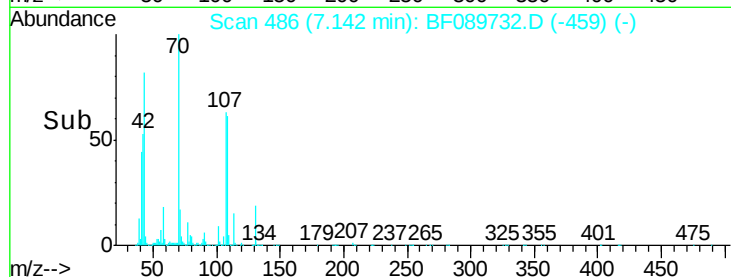
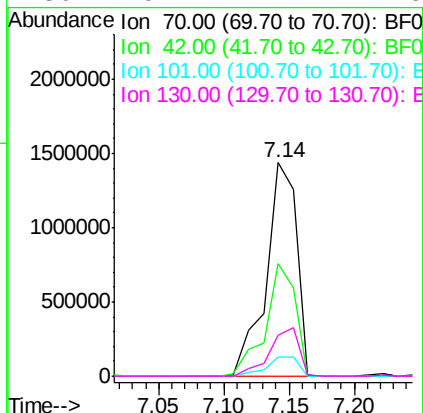
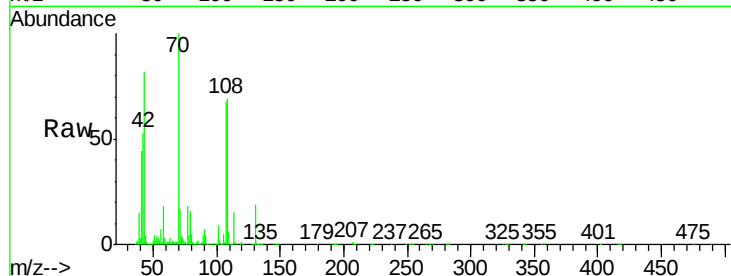




#19
n-Nitroso-di-n-propylamine
Concen: 74.88 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.01 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

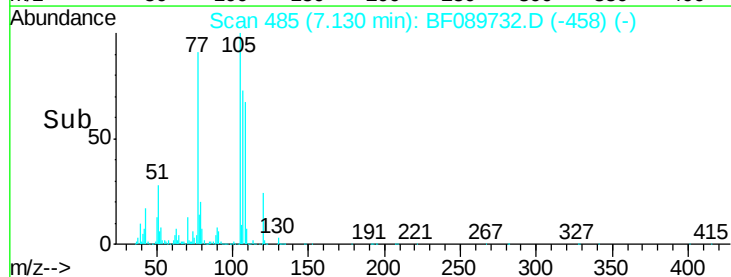
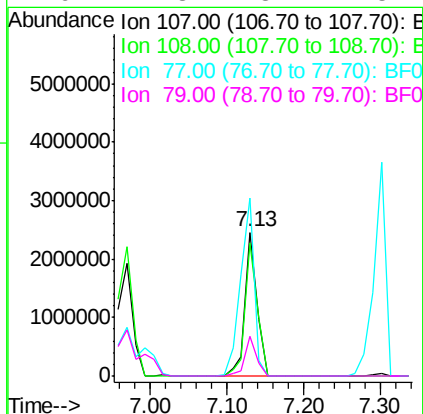
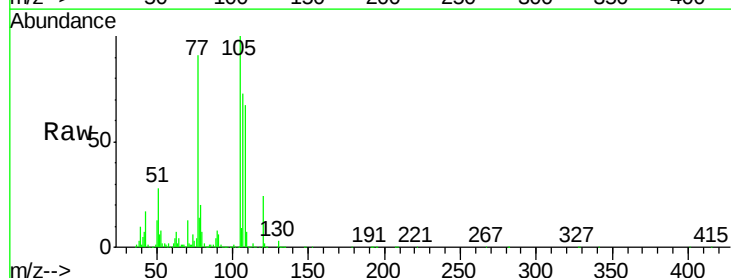
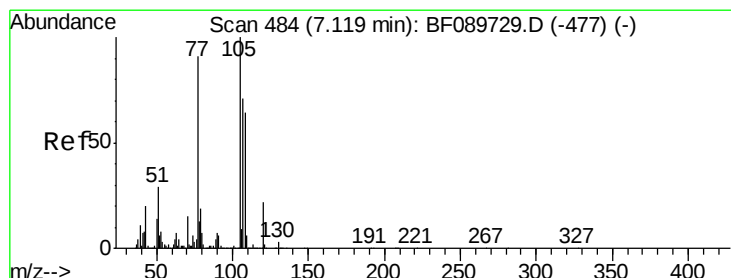
Instrument :
BNA_F
ClientSampleId :

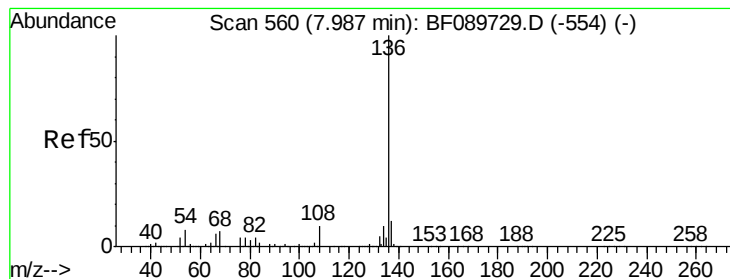
Tot Ion: 70 Resp: 2366361
Ion Ratio Lower Upper
70 100
42 52.9 46.3 69.5
101 9.1 7.0 10.6
130 19.4 14.4 21.6



#20
3+4-Methylphenols
Concen: 61.02 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.01 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

Tgt Ion:107 Resp: 2687358
Ion Ratio Lower Upper
107 100
108 92.1 68.2 108.2
77 123.7 122.3 162.3
79 27.3 8.2 48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 2492805

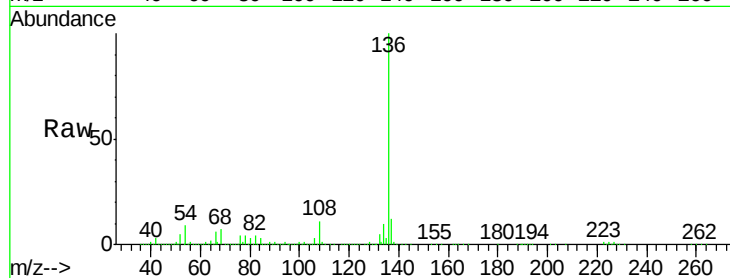
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 8.8 7.2 10.8

68 7.4 5.8 8.8

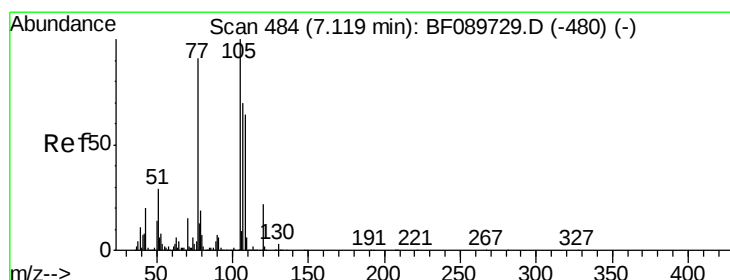
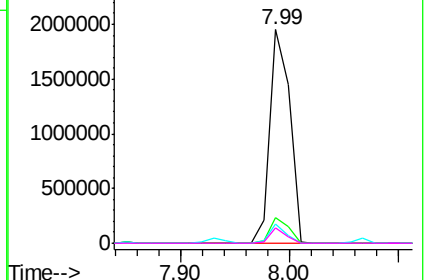
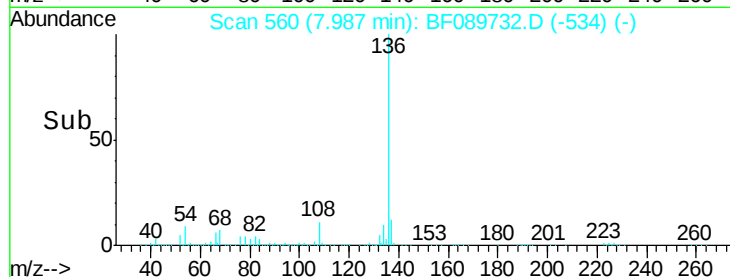


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 70.55 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Tgt Ion:105 Resp: 4194264

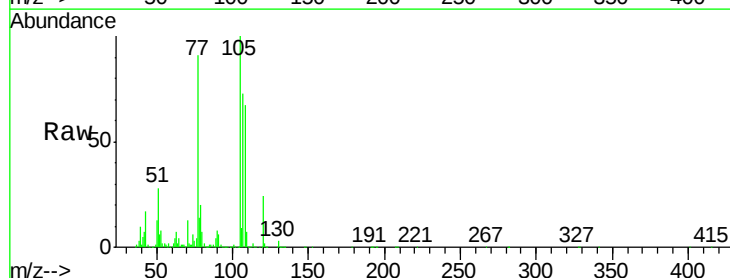
Ion Ratio Lower Upper

105 100

71 2.1 1.9 2.9

51 27.6 28.5 42.7#

120 23.7 16.6 25.0

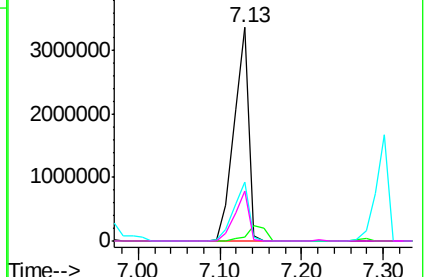
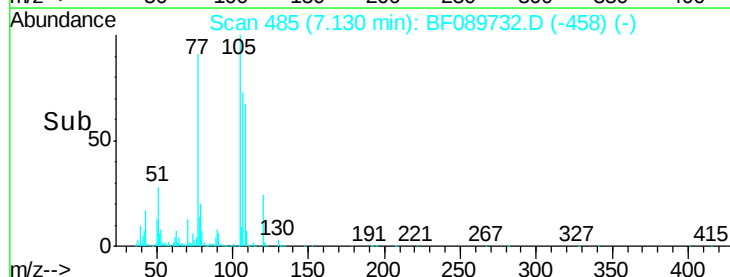


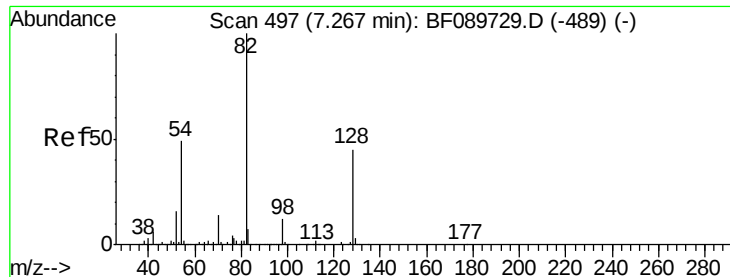
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

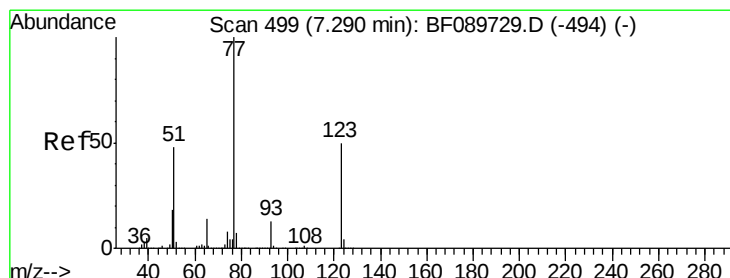
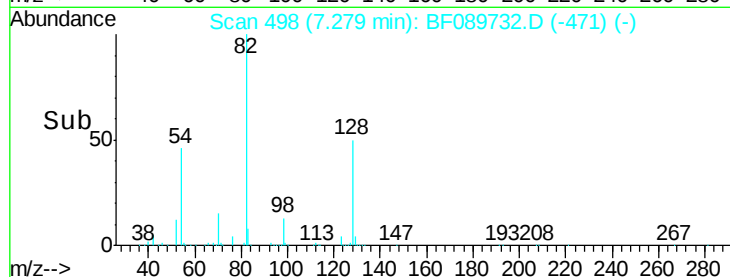
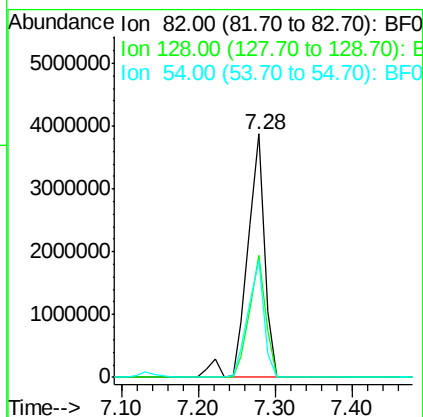
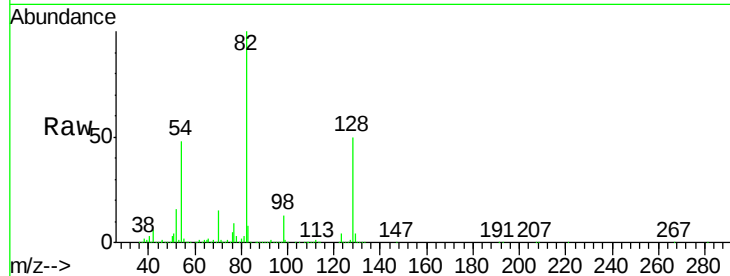




#23
 Nitrobenzene-d5
 Concen: 72.41 ng
 RT: 7.28 min Scan# 498
 Delta R.T. 0.01 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

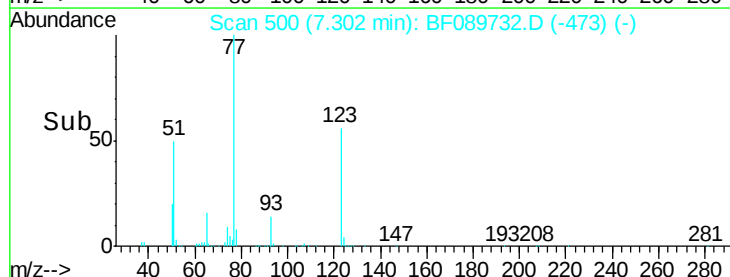
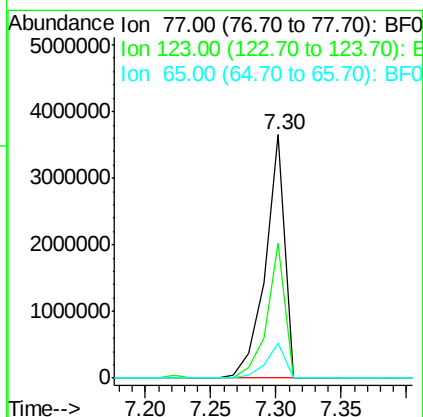
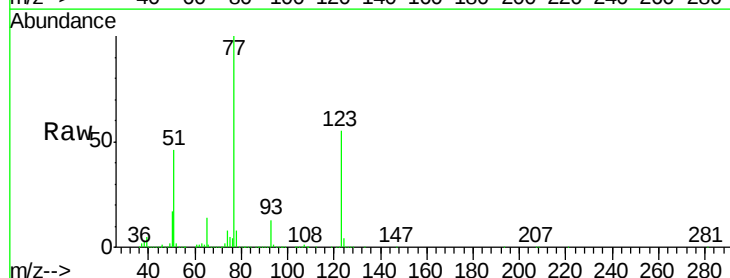
Instrument :
 BNA_F
 ClientSampleId :

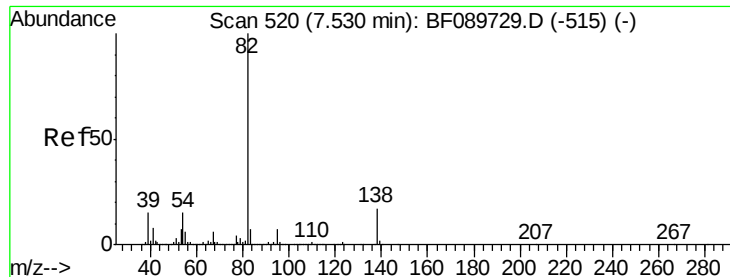
Tot Ion: 82 Resp: 5956464
 Ion Ratio Lower Upper
 82 100
 128 50.0 34.4 51.6
 54 47.9 40.3 60.5



#24
 Nitrobenzene
 Concen: 85.44 ng
 RT: 7.30 min Scan# 500
 Delta R.T. 0.01 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Tgt Ion: 77 Resp: 3772416
 Ion Ratio Lower Upper
 77 100
 123 55.3 36.2 54.2#
 65 14.3 10.6 15.8





#25

Isophorone

Concen: 76.58 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampled :

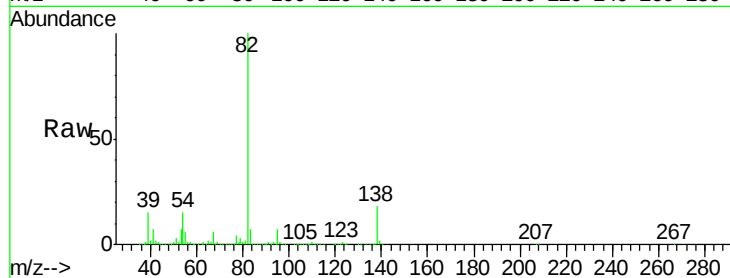
Tot Ion: 82 Resp: 6299658

Ion Ratio Lower Upper

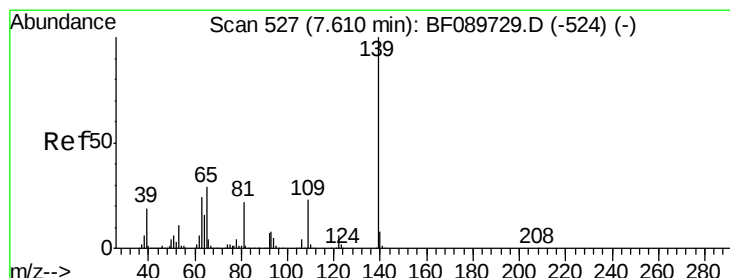
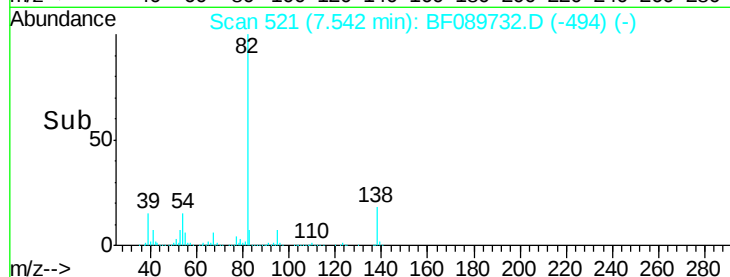
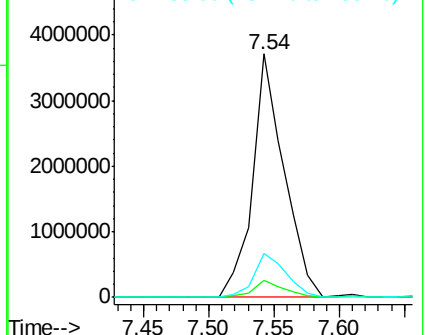
82 100

95 7.1 5.3 7.9

138 18.2 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 85.78 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

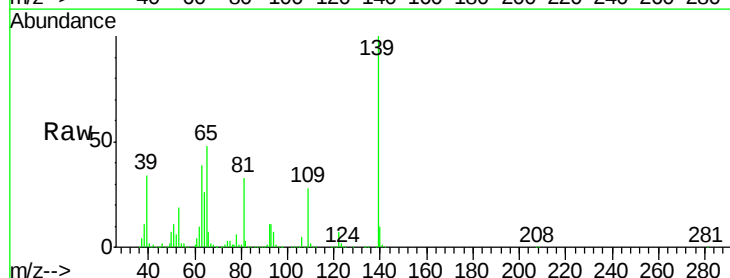
Tgt Ion: 139 Resp: 1755746

Ion Ratio Lower Upper

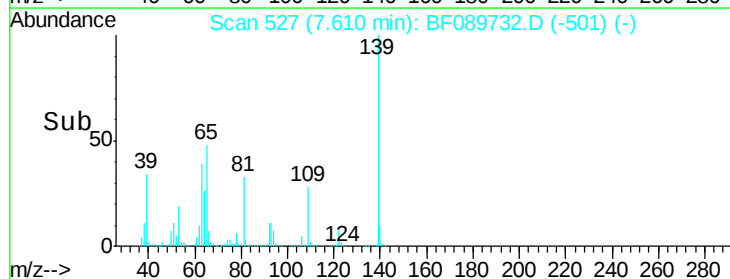
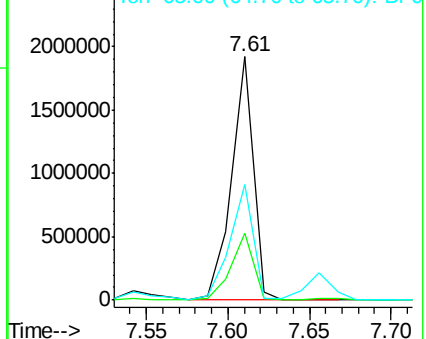
139 100

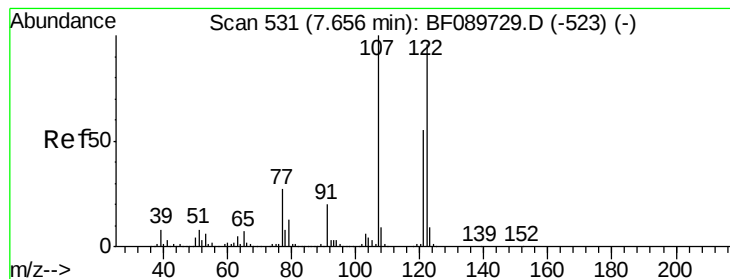
109 27.5 19.5 29.3

65 47.6 26.5 39.7#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 73.09 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

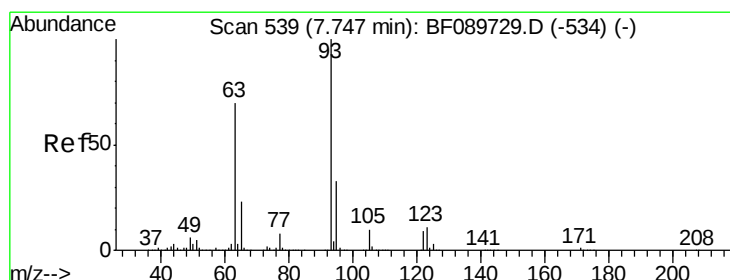
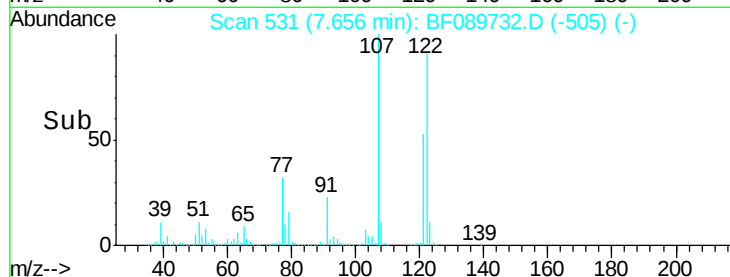
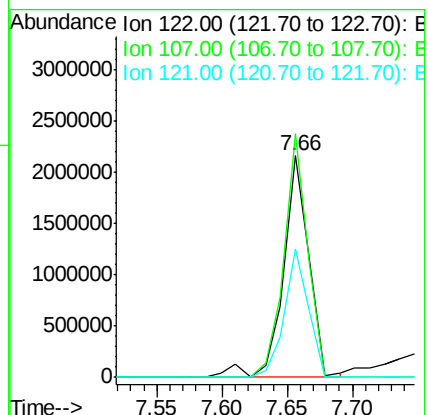
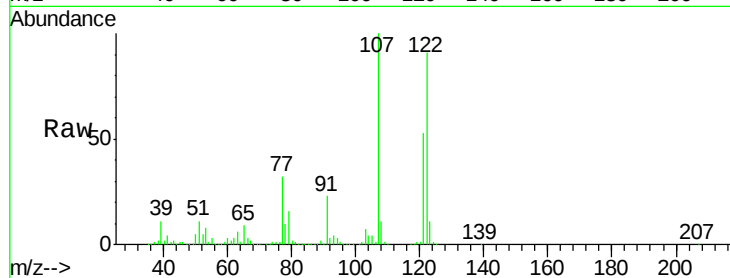
Tot Ion:122 Resp: 2976165

Ion Ratio Lower Upper

122 100

107 110.0 84.8 127.2

121 57.9 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 71.71 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

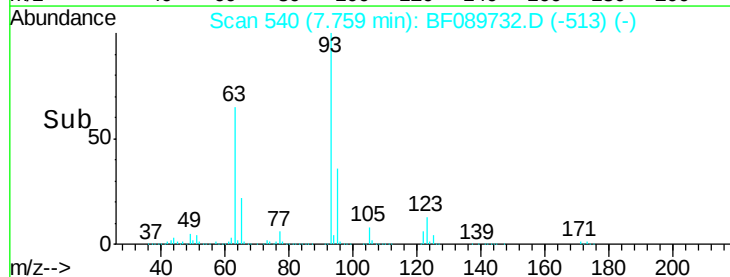
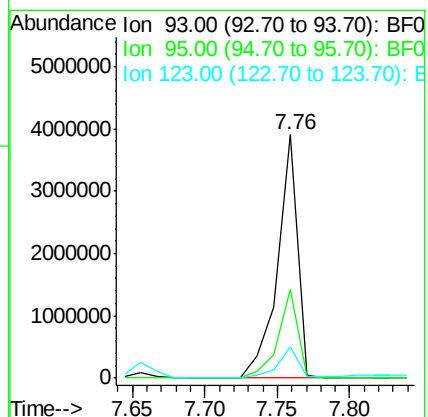
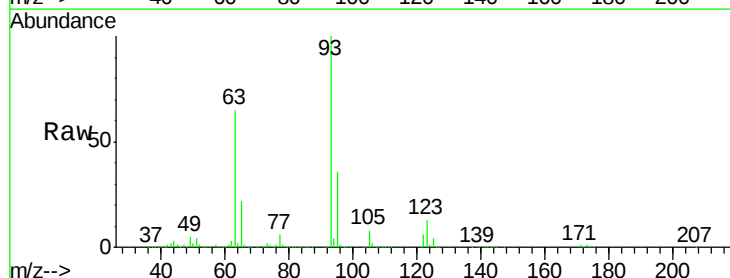
Tgt Ion: 93 Resp: 3749539

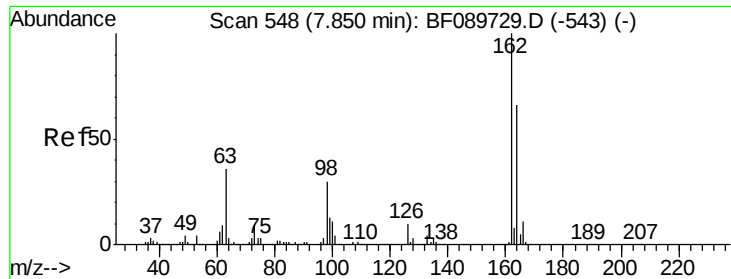
Ion Ratio Lower Upper

93 100

95 36.2 25.5 38.3

123 12.8 8.5 12.7#

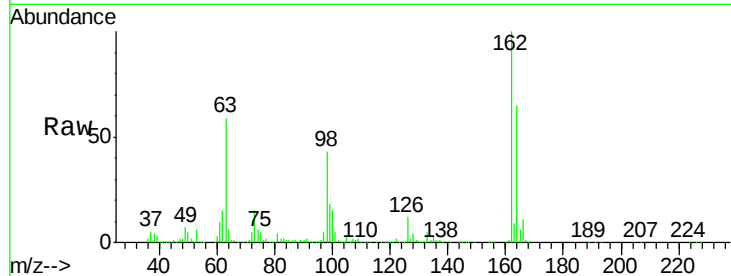




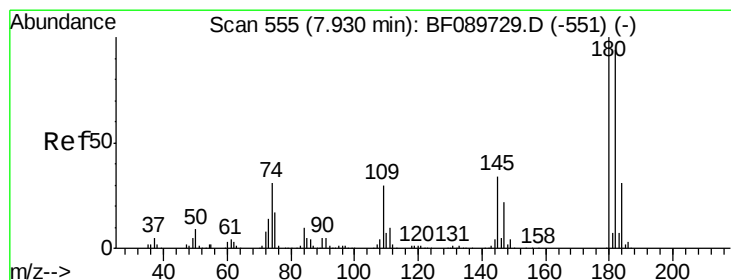
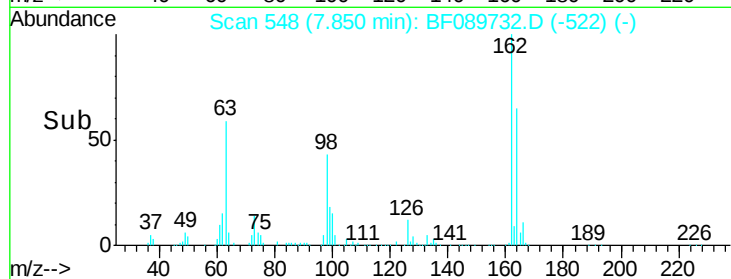
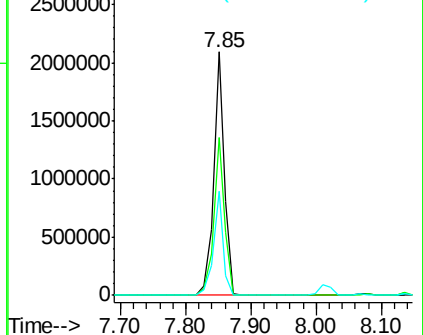
#29
 2,4-Dichlorophenol
 Concen: 70.73 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2447883
 Ion Ratio Lower Upper
 162 100
 164 64.6 45.5 85.5
 98 42.8 12.4 52.4

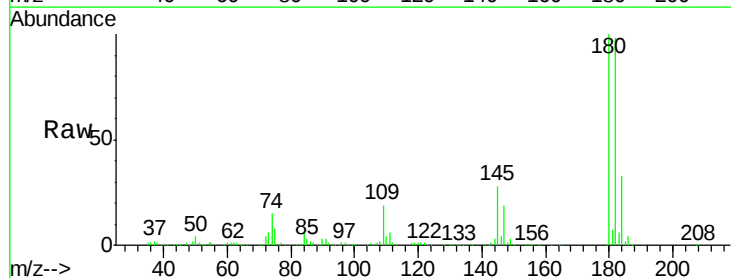


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

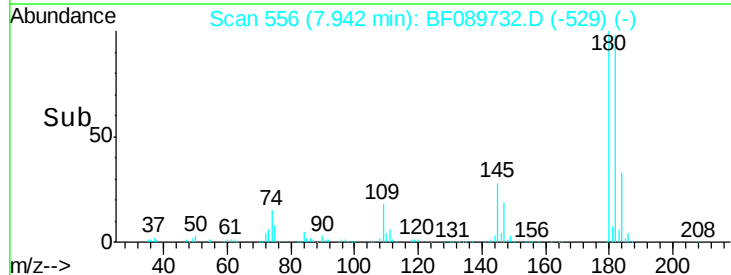
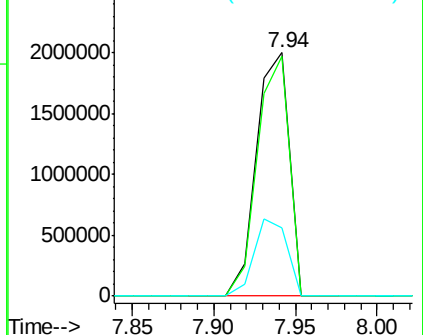


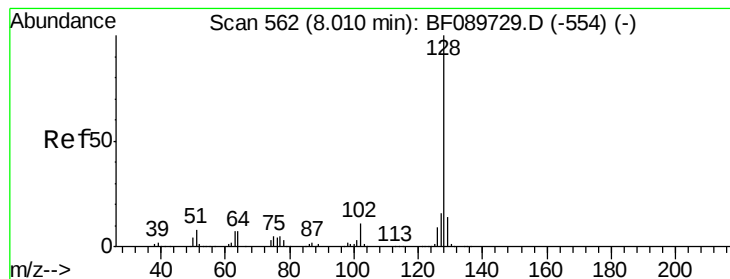
#30
 1,2,4-Trichlorobenzene
 Concen: 76.58 ng
 RT: 7.94 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Tgt Ion:180 Resp: 2791404
 Ion Ratio Lower Upper
 180 100
 182 98.5 75.5 113.3
 145 28.2 28.7 43.1#



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 71.26 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

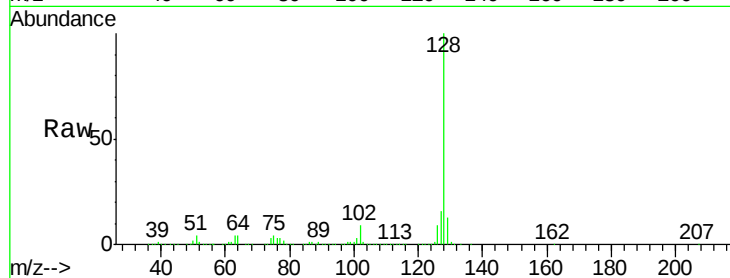
Tot Ion:128 Resp: 7993239

Ion Ratio Lower Upper

128 100

129 13.3 9.5 14.3

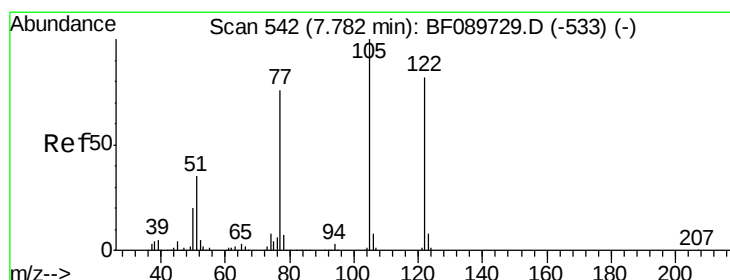
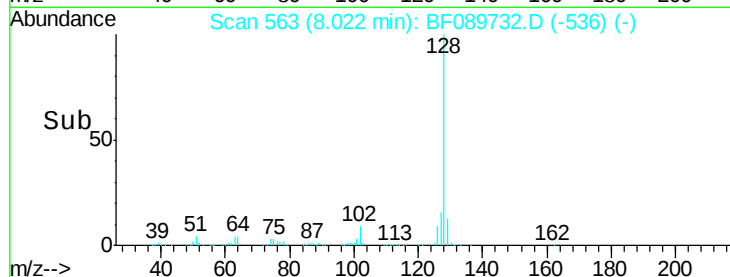
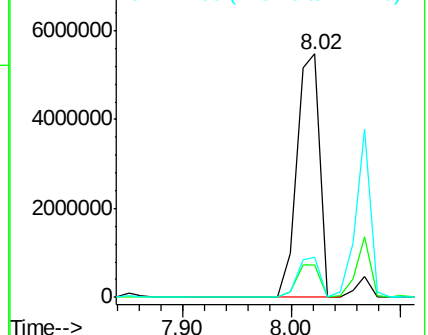
127 16.4 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 105.54 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.05 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

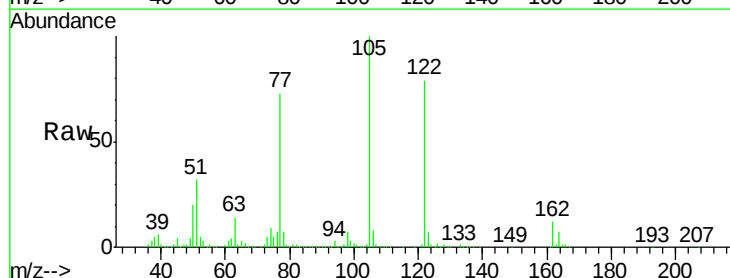
Tgt Ion:122 Resp: 2753931

Ion Ratio Lower Upper

122 100

105 126.6 100.8 140.8

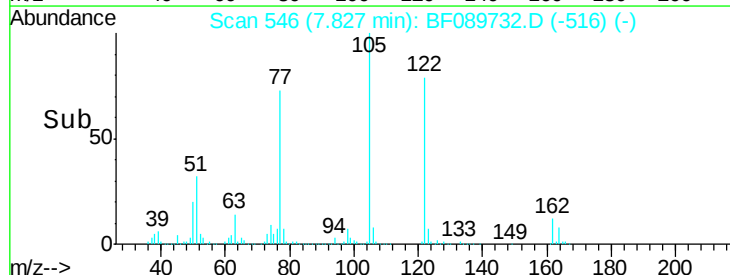
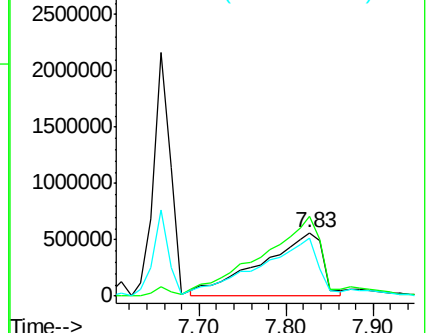
77 92.3 72.1 112.1

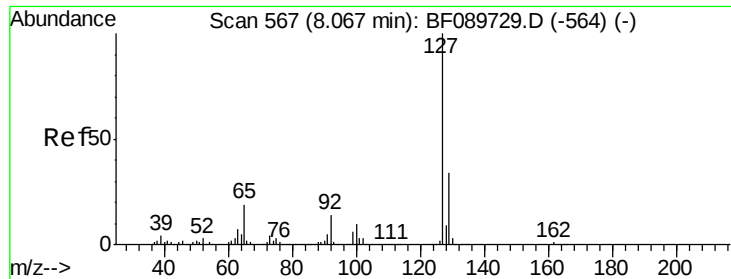


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

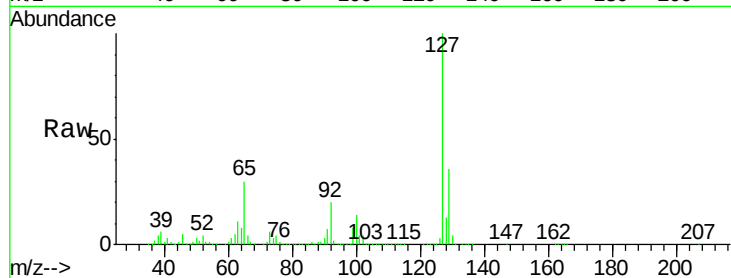




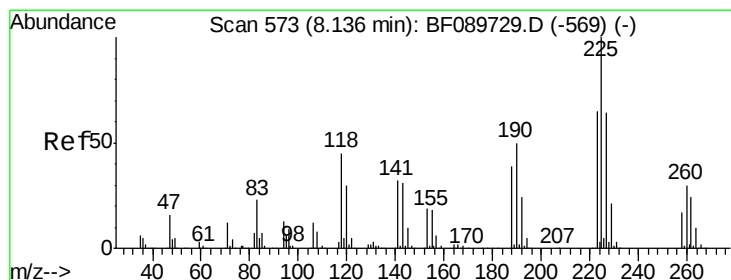
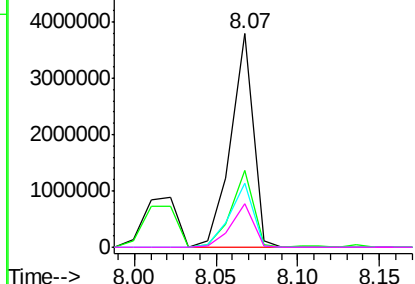
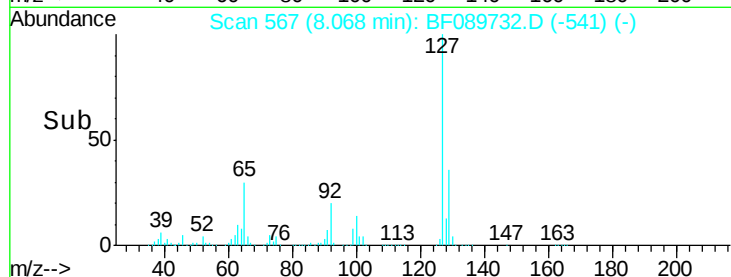
#33
4-Chloroaniline
Concen: 67.43 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 3618157
Ion Ratio Lower Upper
127 100
129 36.1 27.0 40.6
65 30.2 14.7 22.1#
92 20.1 11.7 17.5#

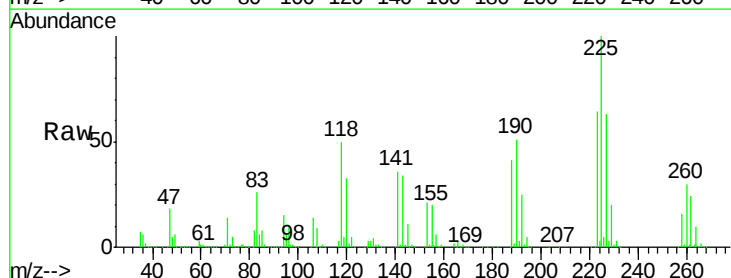


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

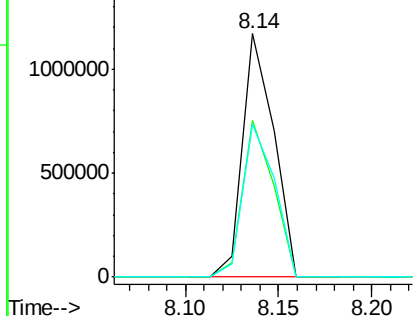
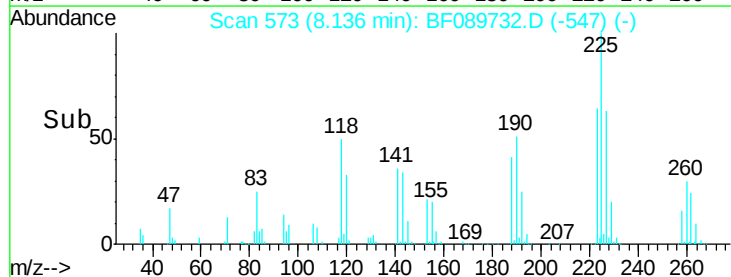


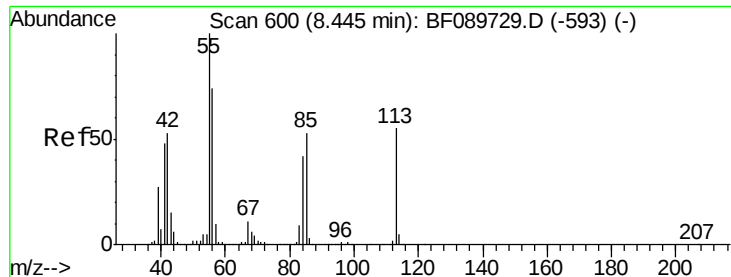
#34
Hexachlorobutadiene
Concen: 73.07 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

Tgt Ion:225 Resp: 1358040
Ion Ratio Lower Upper
225 100
223 64.1 51.0 76.6
227 62.6 49.8 74.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

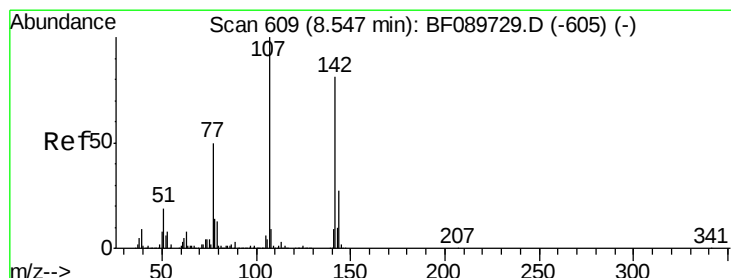
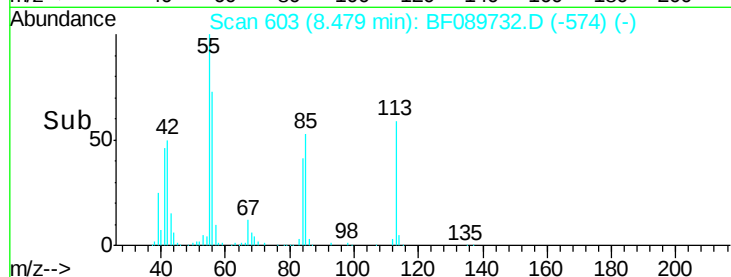
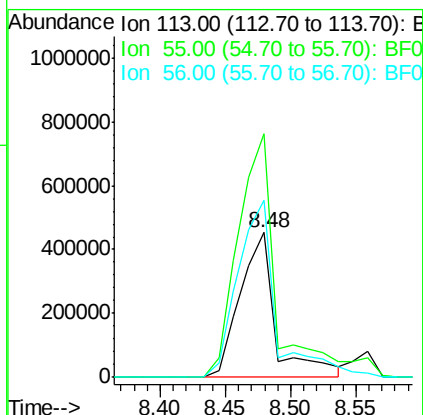
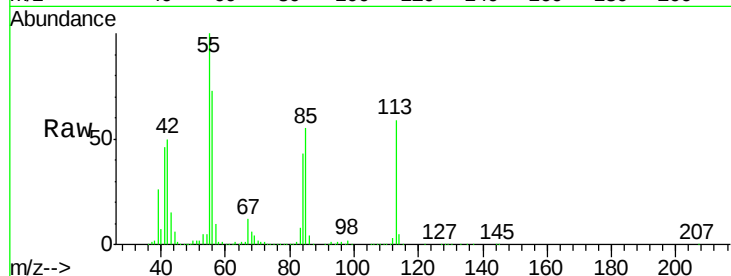




#35
Caprolactam
Concen: 80.15 ng
RT: 8.48 min Scan# 603
Delta R.T. 0.03 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

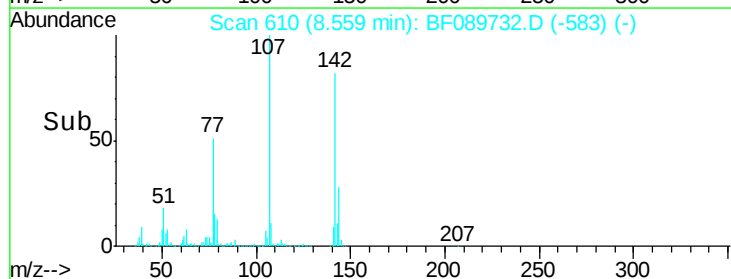
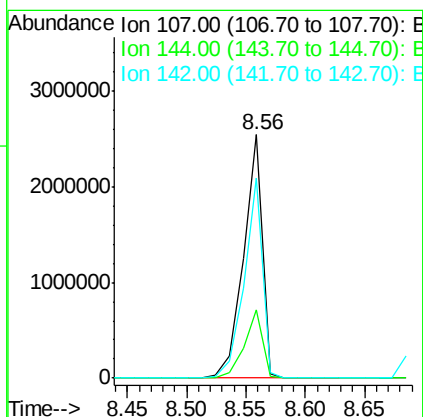
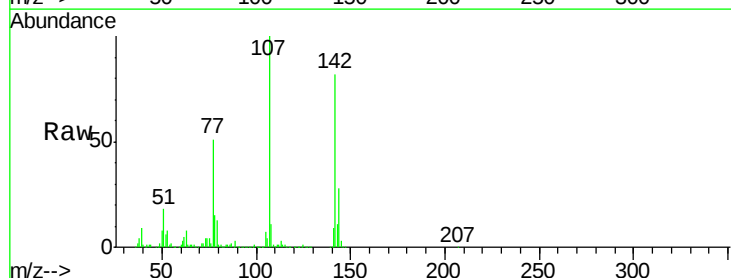
Instrument :
BNA_F
ClientSampleId :

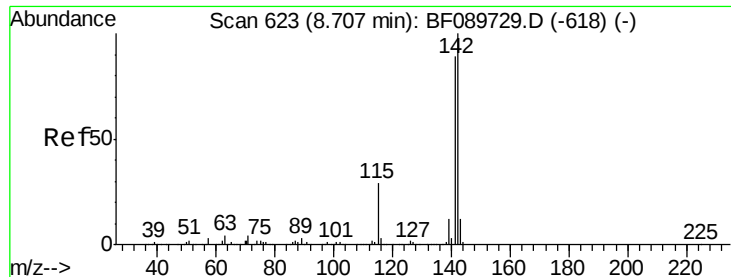
Tot Ion:113 Resp: 856663
Ion Ratio Lower Upper
113 100
55 168.4 135.9 175.9
56 122.9 93.9 133.9



#36
4-Chloro-3-methylphenol
Concen: 78.24 ng
RT: 8.56 min Scan# 610
Delta R.T. 0.01 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

Tgt Ion:107 Resp: 2821506
Ion Ratio Lower Upper
107 100
144 27.8 22.6 34.0
142 82.1 69.3 103.9

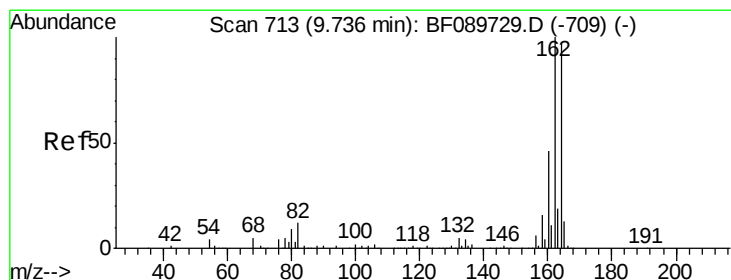
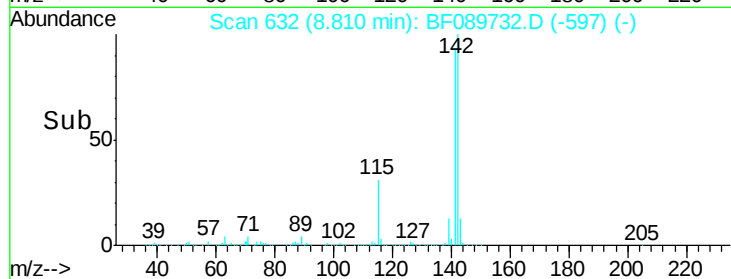
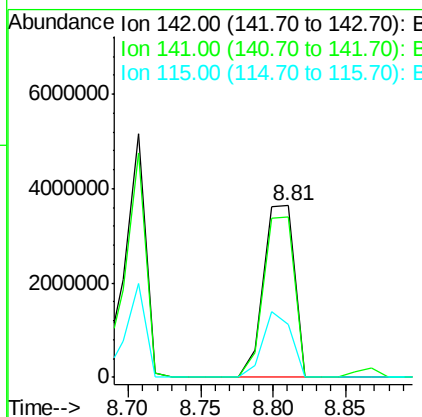
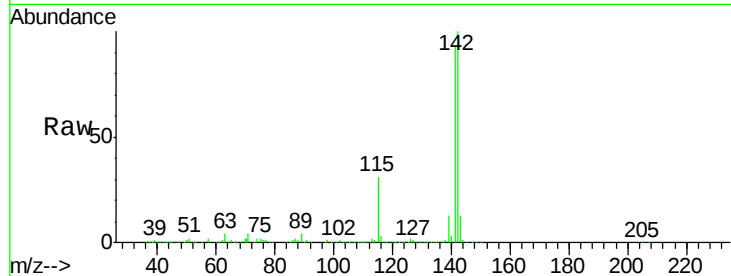




#37
2-Methylnaphthalene
Concen: 69.56 ng
RT: 8.81 min Scan# 632
Delta R.T. 0.10 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

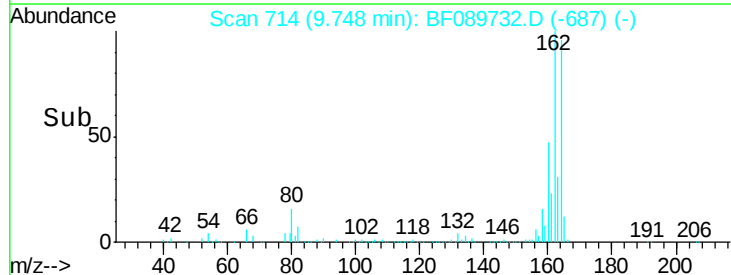
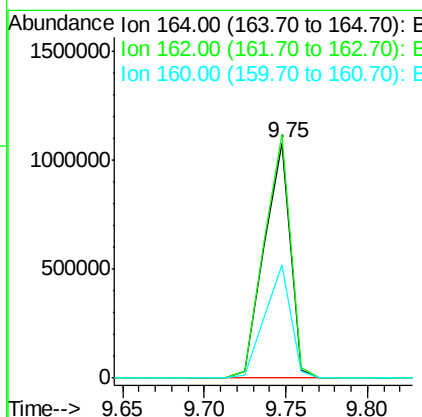
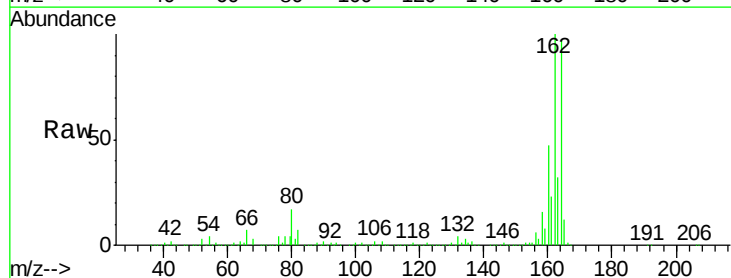
Instrument :
BNA_F
ClientSampleId :

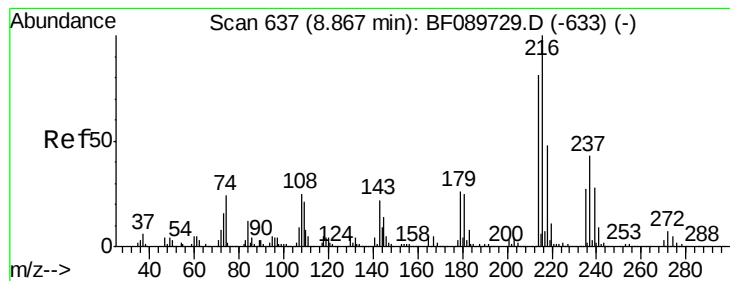
Tot Ion:142 Resp: 5387776
Ion Ratio Lower Upper
142 100
141 93.5 71.4 107.2
115 30.7 22.7 34.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

Tgt Ion:164 Resp: 1202306
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.2
160 48.3 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 83.07 ng

RT: 8.88 min Scan# 638

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 2793043

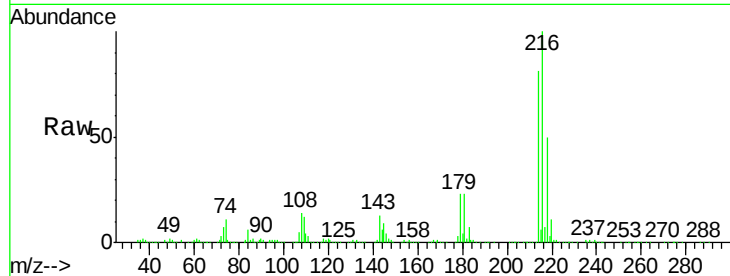
Ion Ratio Lower Upper

216 100

214 80.9 63.5 95.3

179 24.2 19.9 29.9

108 20.6 19.9 29.9

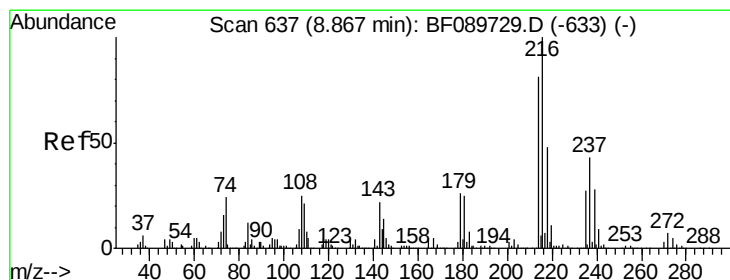
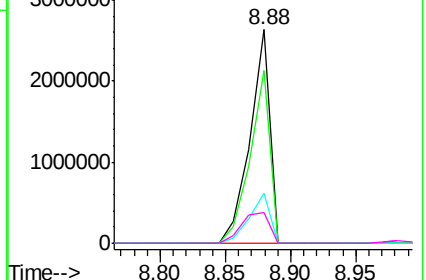
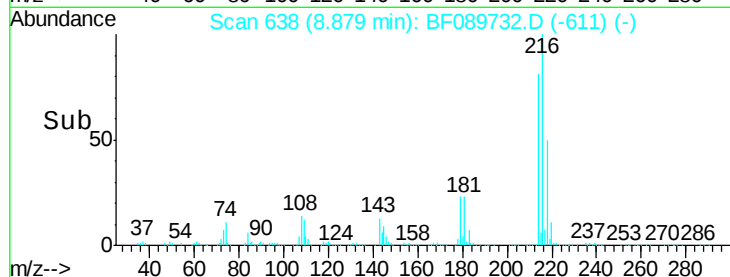


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 71.25 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

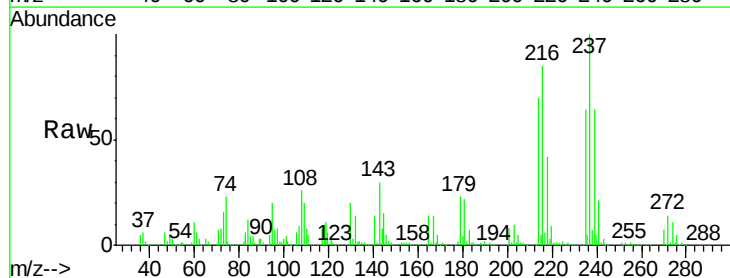
Tgt Ion:237 Resp: 1323013

Ion Ratio Lower Upper

237 100

235 63.5 43.7 83.7

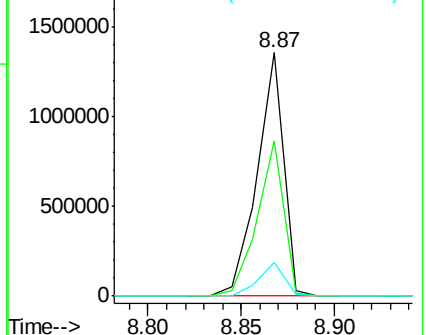
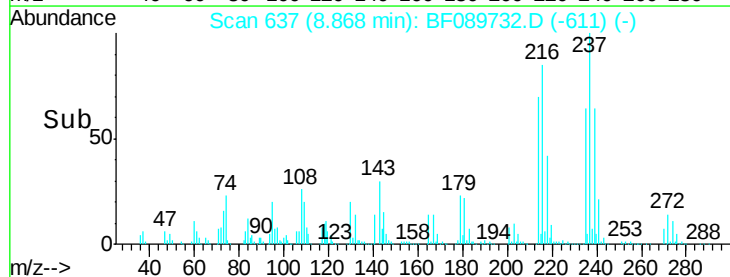
272 14.0 0.0 31.6

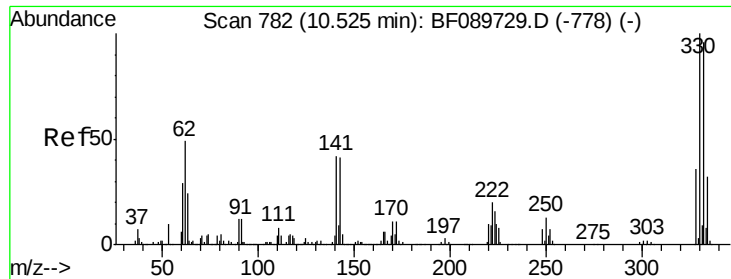


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

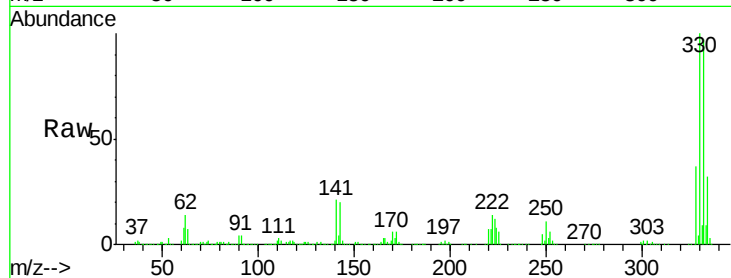




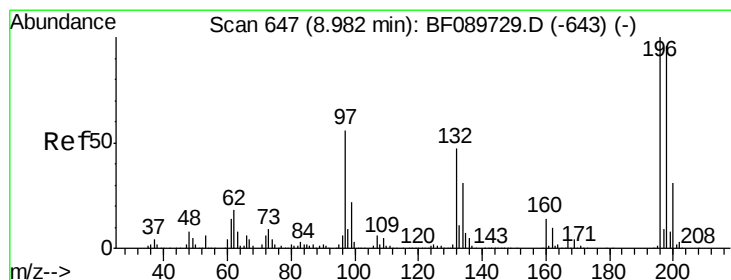
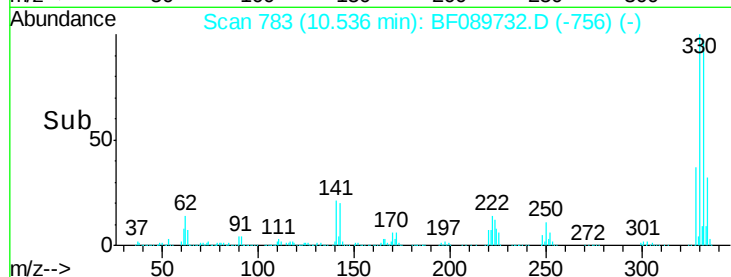
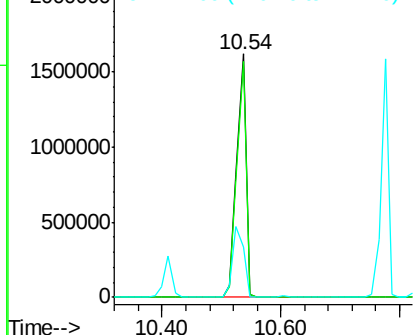
#41
 2,4,6-Tribromophenol
 Concen: 73.73 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 1759918
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.7 115.1
 141 34.9 30.2 45.2

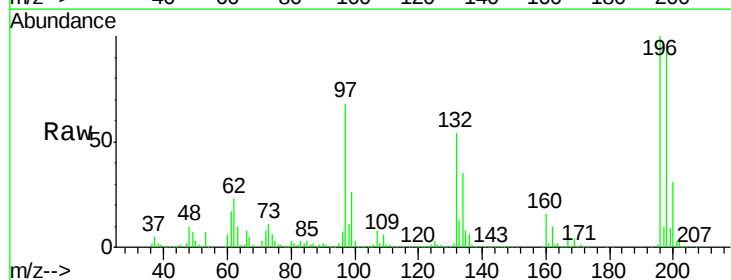


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

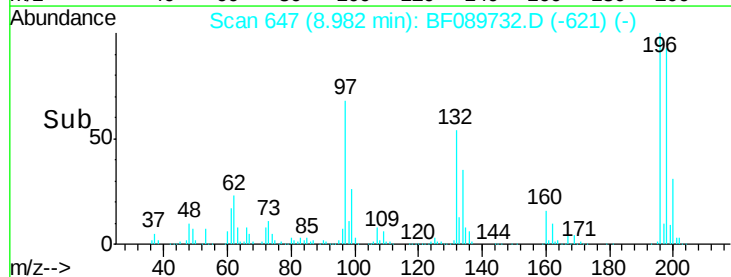
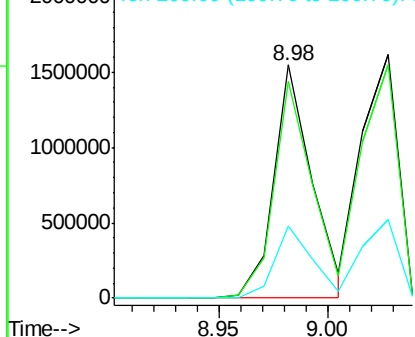


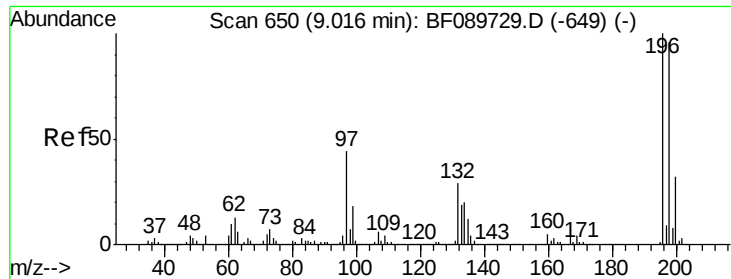
#42
 2,4,6-Trichlorophenol
 Concen: 78.98 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Tgt Ion:196 Resp: 1904652
 Ion Ratio Lower Upper
 196 100
 198 93.1 76.3 114.5
 200 30.7 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

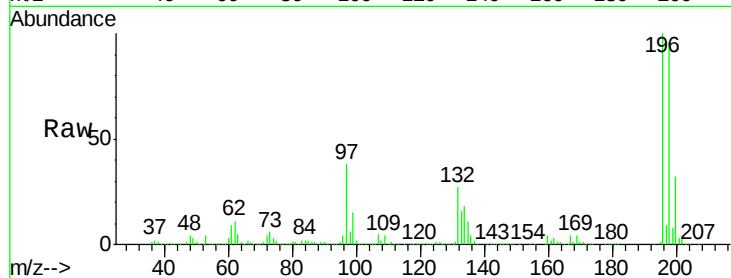




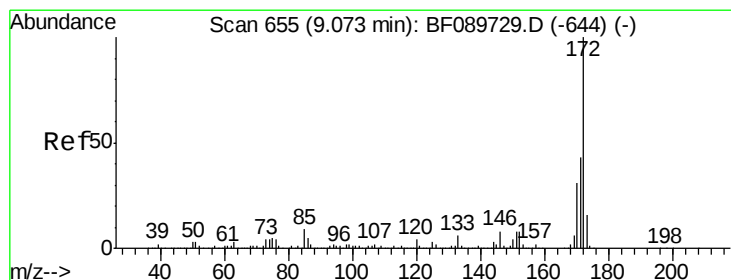
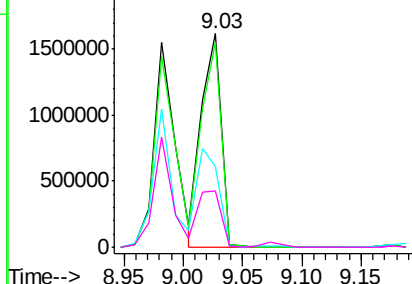
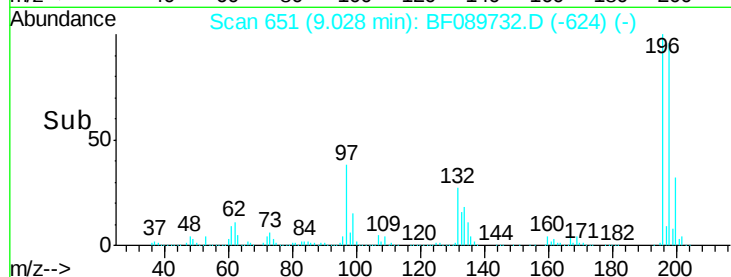
#43
 2,4,5-Trichlorophenol
 Concen: 82.41 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.01 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 1892930
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.6 114.8
 97 37.9 35.8 53.8
 132 26.5 23.5 35.3

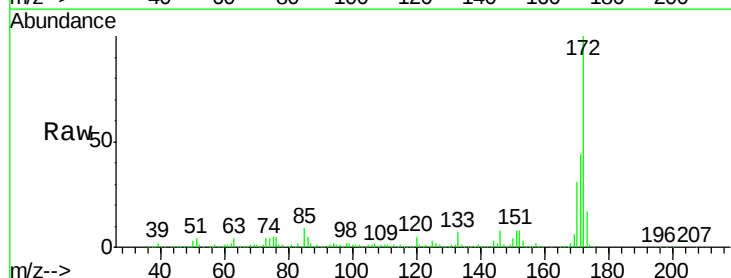


Abundance Ion 196.00 (195.70 to 196.70): E
 2500000
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

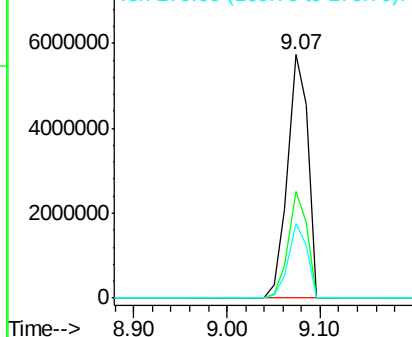
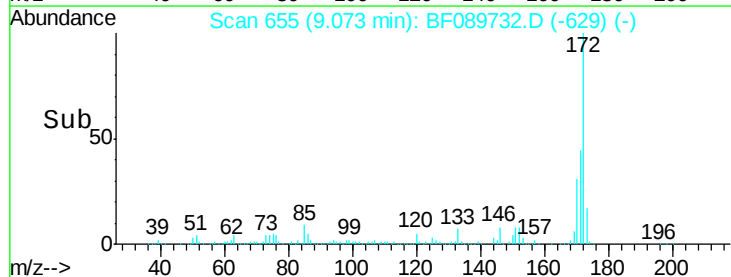


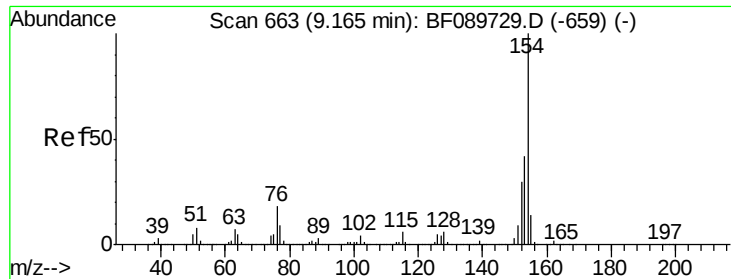
#44
 2-Fluorobiphenyl
 Concen: 63.24 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Tgt Ion:172 Resp: 8720849
 Ion Ratio Lower Upper
 172 100
 171 43.6 30.5 45.7
 170 30.9 20.6 31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 8000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

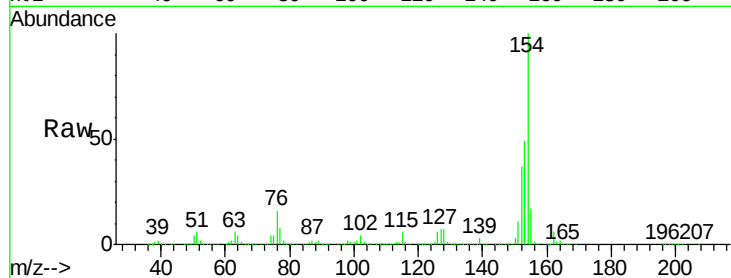




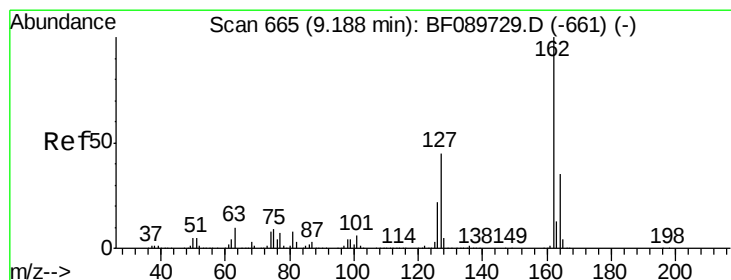
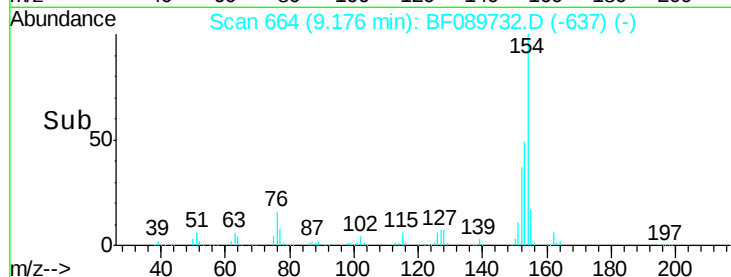
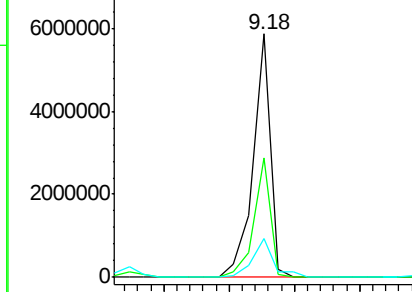
#45
 1,1'-Biphenyl
 Concen: 54.19 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 5397007
 Ion Ratio Lower Upper
 154 100
 153 49.2 21.5 61.5
 76 15.8 0.0 36.7

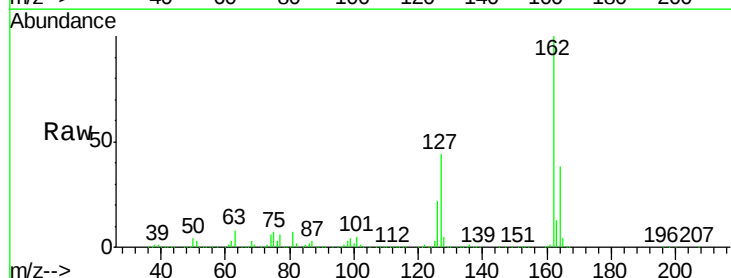


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

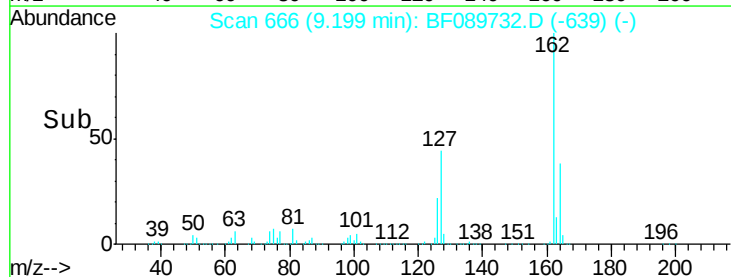
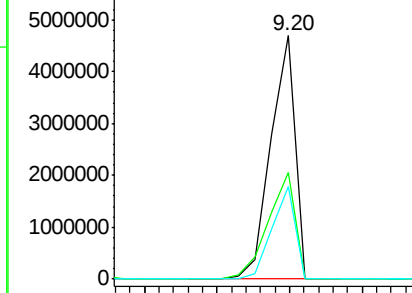


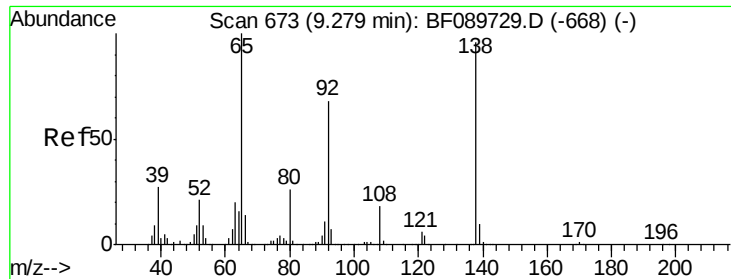
#46
 2-Chloronaphthalene
 Concen: 75.32 ng
 RT: 9.20 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Tgt Ion:162 Resp: 5439649
 Ion Ratio Lower Upper
 162 100
 127 44.0 35.5 53.3
 164 38.0 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 76.10 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampled :

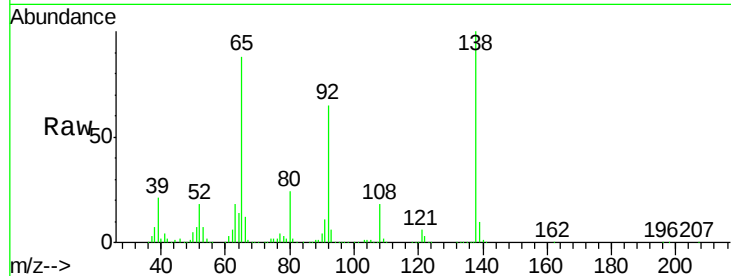
Tot Ion: 65 Resp: 1777135

Ion Ratio Lower Upper

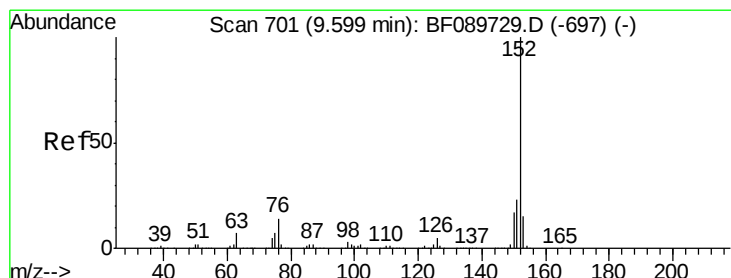
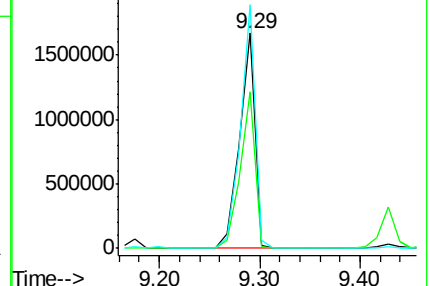
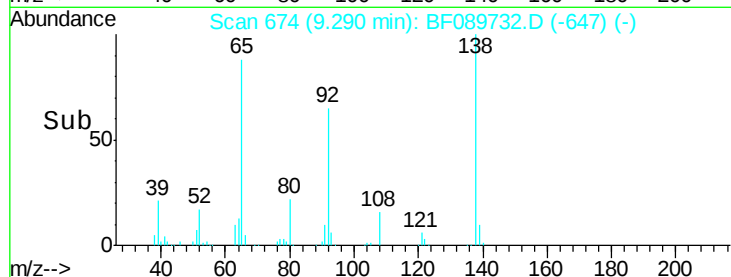
65 100

92 73.0 56.3 84.5

138 113.1 81.8 122.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 65.50 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

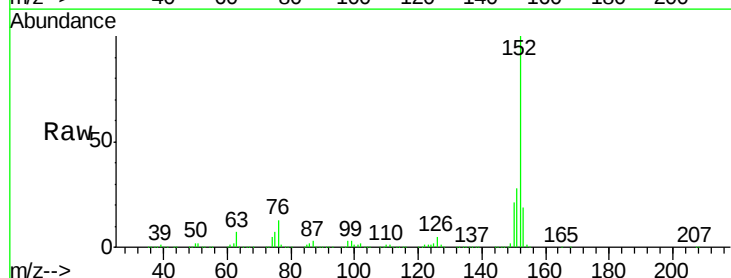
Tgt Ion: 152 Resp: 7446986

Ion Ratio Lower Upper

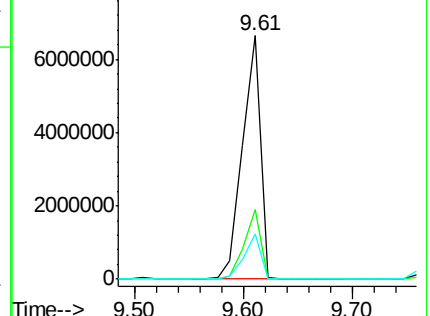
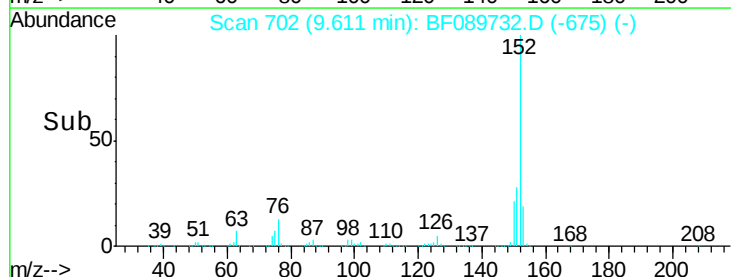
152 100

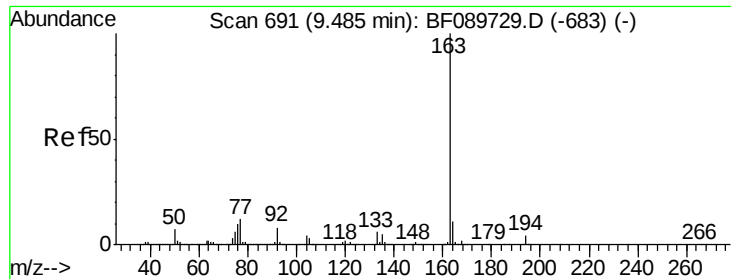
151 28.4 17.1 25.7#

153 18.6 11.2 16.8#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

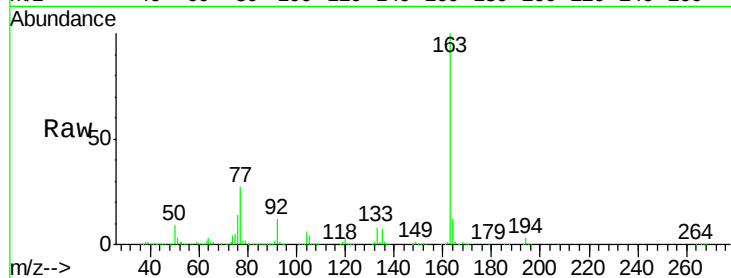




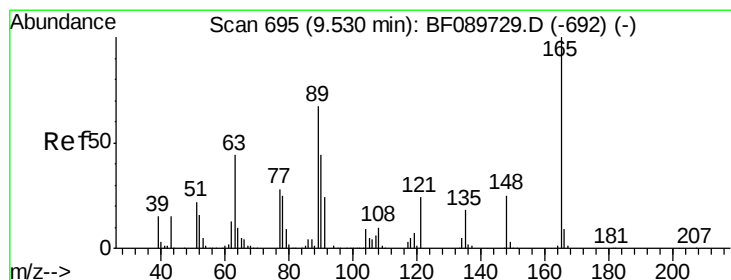
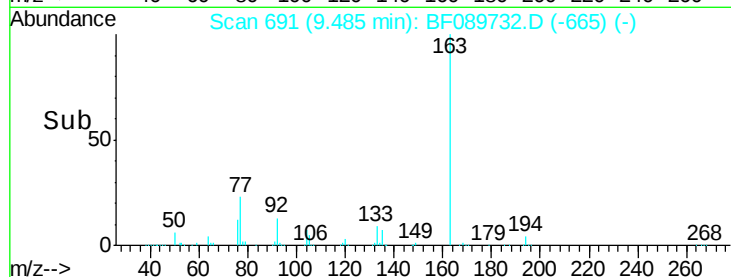
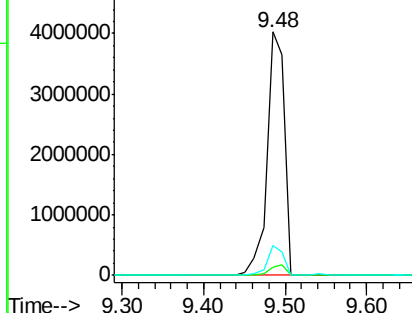
#49
Dimethylphthalate
Concen: 71.93 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 6060896
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 12.2 8.6 12.8

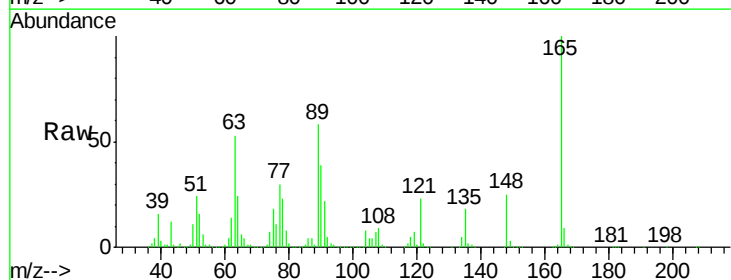


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

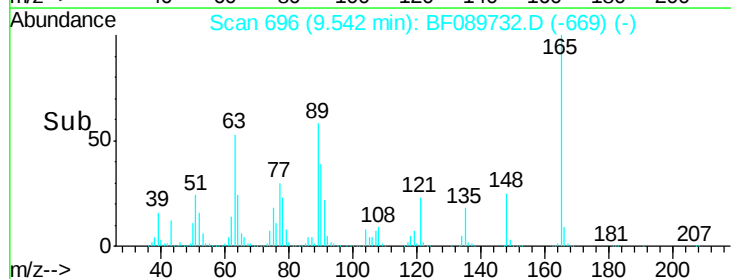
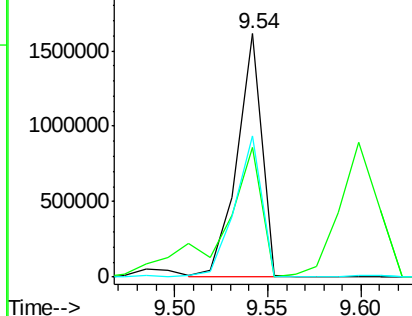


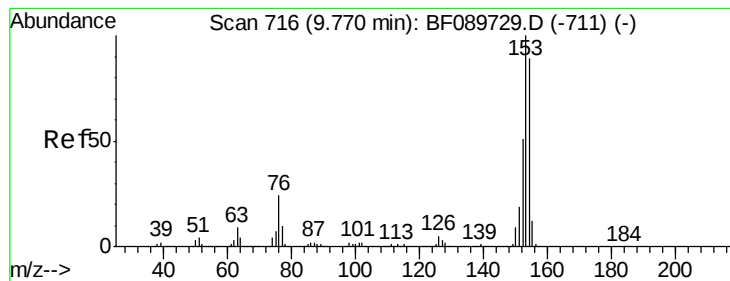
#50
2,6-Dinitrotoluene
Concen: 80.82 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

Tgt Ion:165 Resp: 1508662
Ion Ratio Lower Upper
165 100
63 53.3 41.7 62.5
89 57.8 44.6 67.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 69.28 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

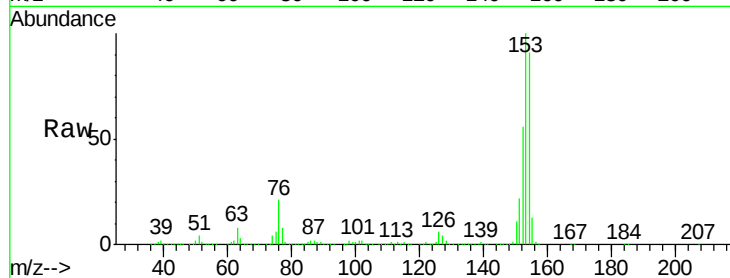
Tot Ion:154 Resp: 5156407

Ion Ratio Lower Upper

154 100

153 109.4 90.5 135.7

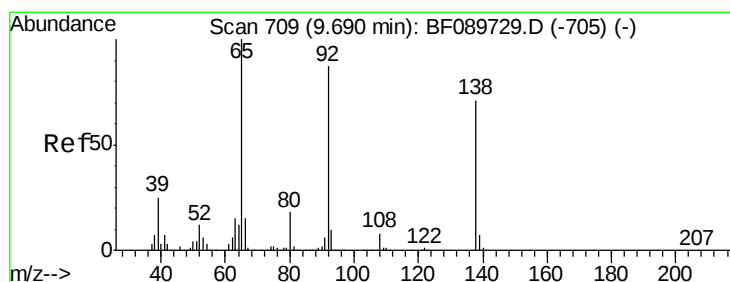
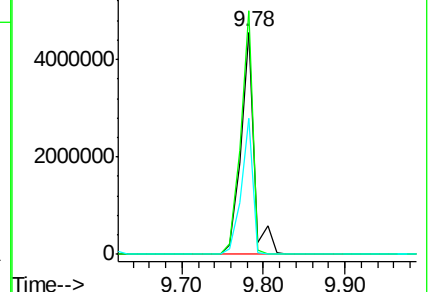
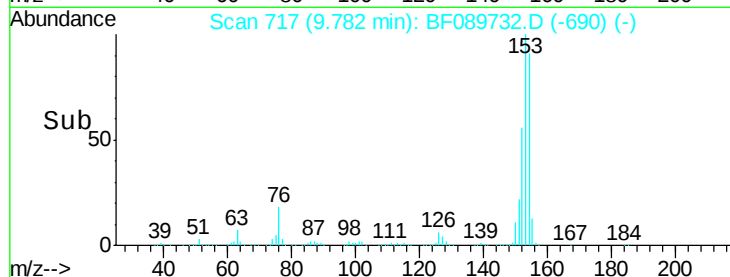
152 61.0 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 71.43 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

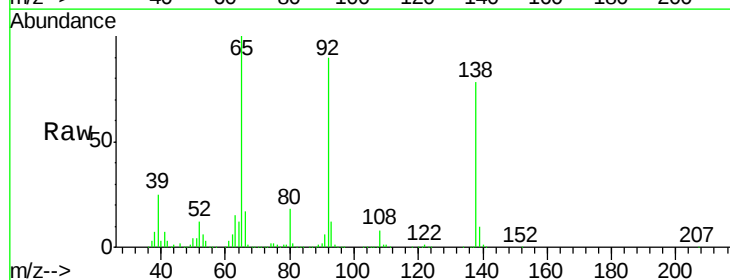
Tgt Ion:138 Resp: 1729072

Ion Ratio Lower Upper

138 100

108 10.0 8.1 12.1

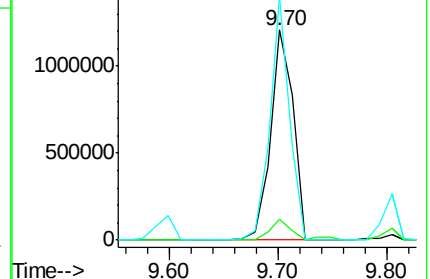
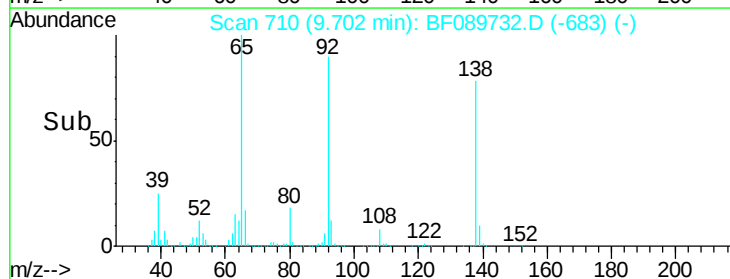
92 116.1 92.7 139.1

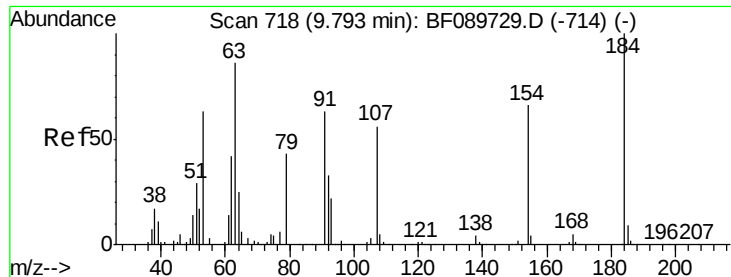


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

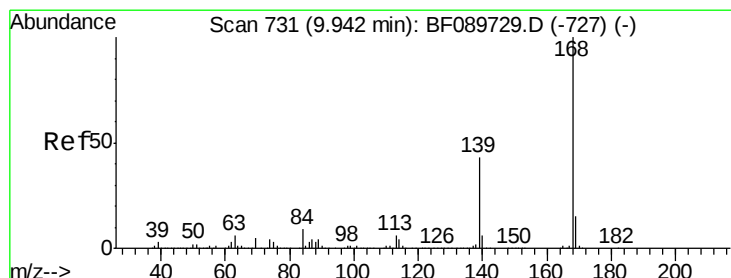
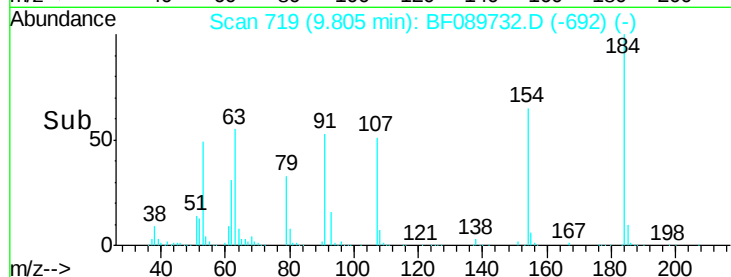
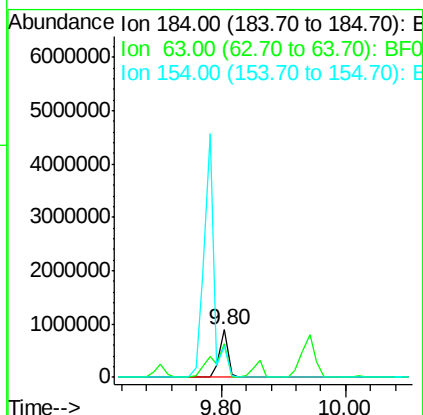
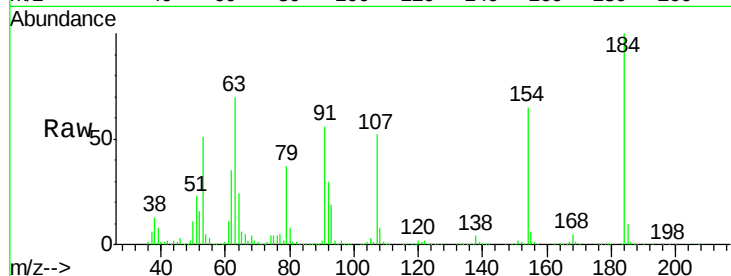




#53
 2,4-Dinitrophenol
 Concen: 122.82 ng
 RT: 9.80 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

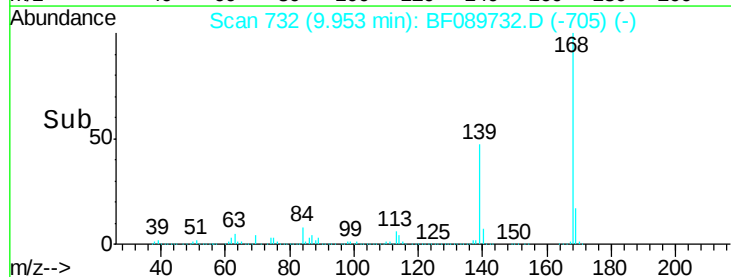
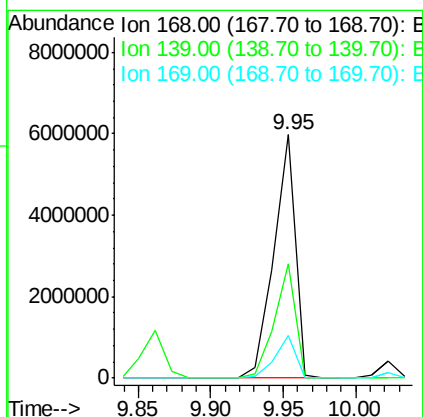
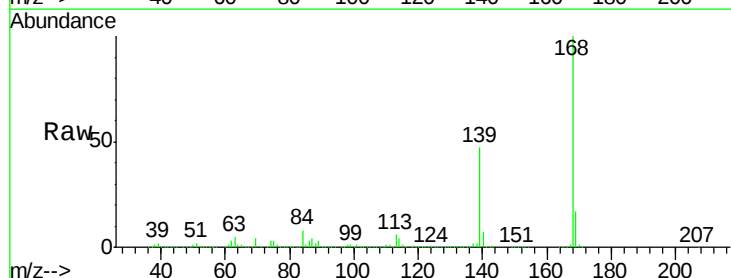
Instrument :
 BNA_F
 ClientSampleId :

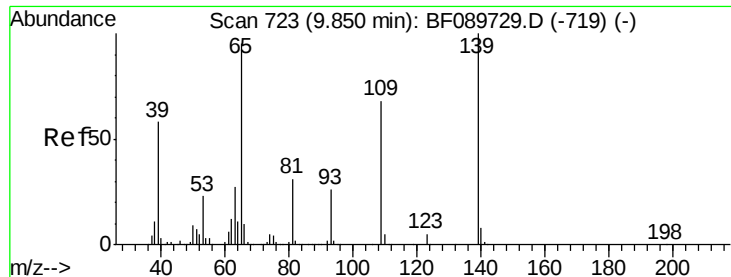
Tot Ion:184 Resp: 814603
 Ion Ratio Lower Upper
 184 100
 63 70.0 54.2 81.4
 154 65.3 52.7 79.1



#54
 Dibenzofuran
 Concen: 58.38 ng
 RT: 9.95 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Tgt Ion:168 Resp: 6160366
 Ion Ratio Lower Upper
 168 100
 139 47.1 34.6 52.0
 169 17.4 11.5 17.3#





#55

4-Nitrophenol

Concen: 69.95 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampled :

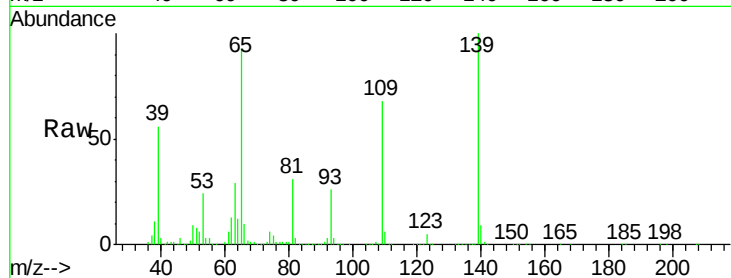
Tot Ion:139 Resp: 1294569

Ion Ratio Lower Upper

139 100

109 67.8 43.0 83.0

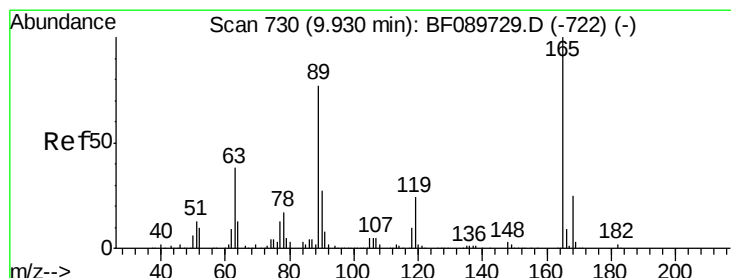
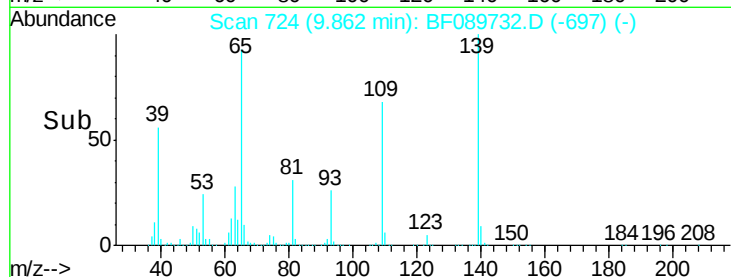
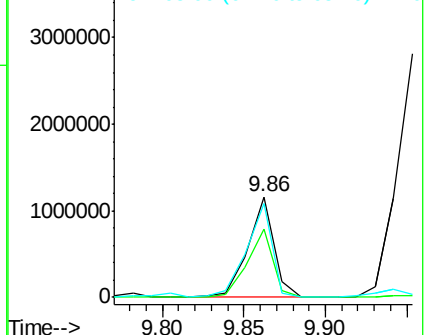
65 93.0 55.7 95.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 84.49 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Tgt Ion:165 Resp: 2036938

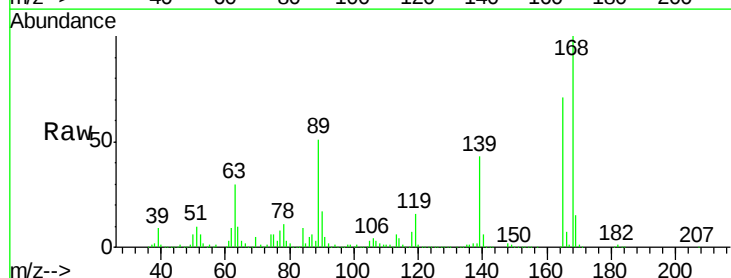
Ion Ratio Lower Upper

165 100

63 42.8 23.7 35.5#

89 72.3 44.0 66.0#

182 2.1 2.0 3.0

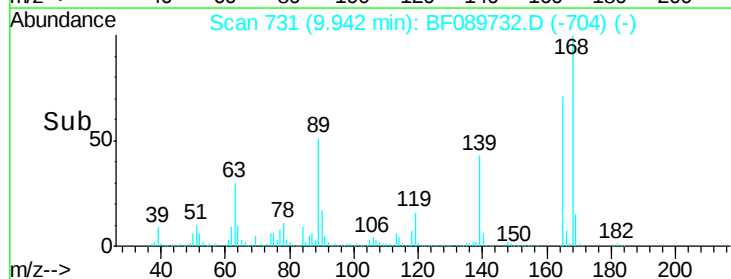
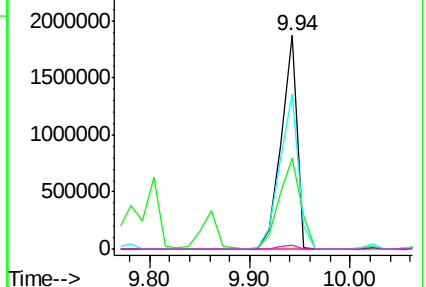


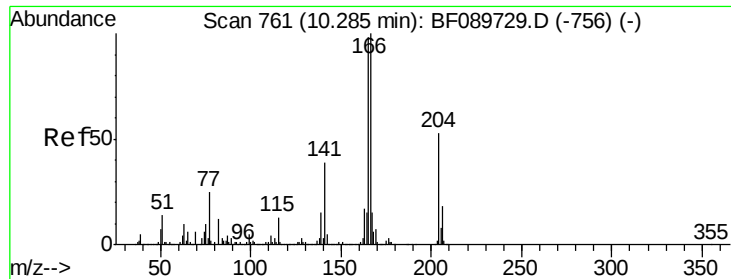
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

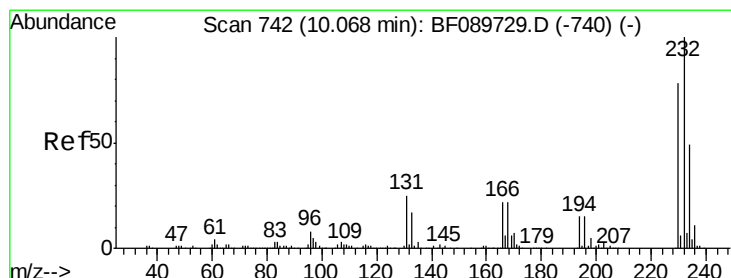
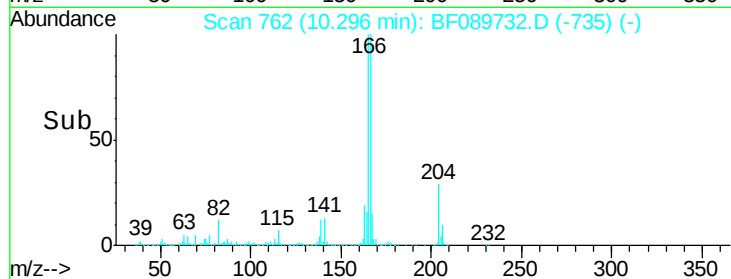
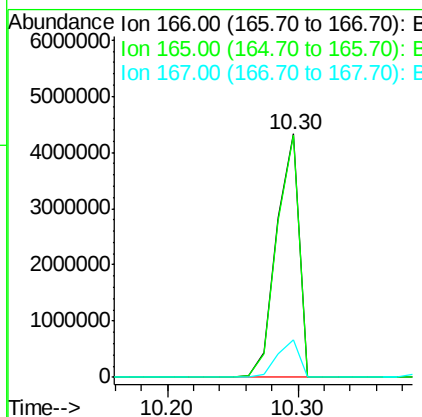
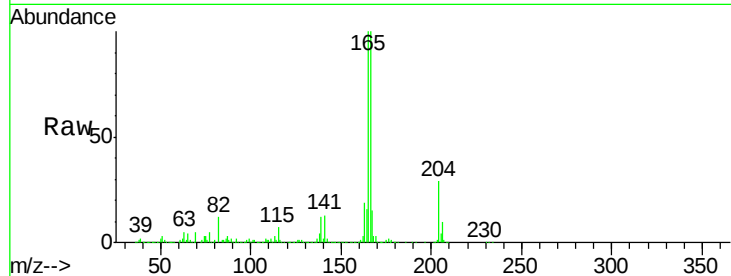




#57
 Fluorene
 Concen: 69.19 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

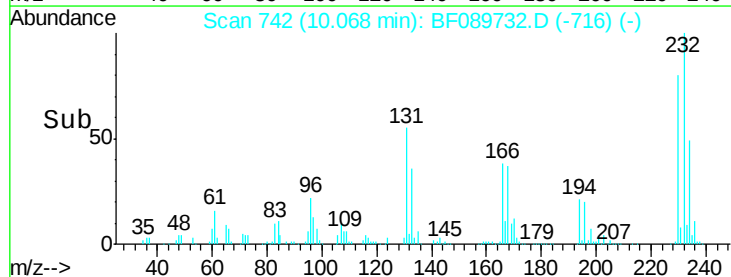
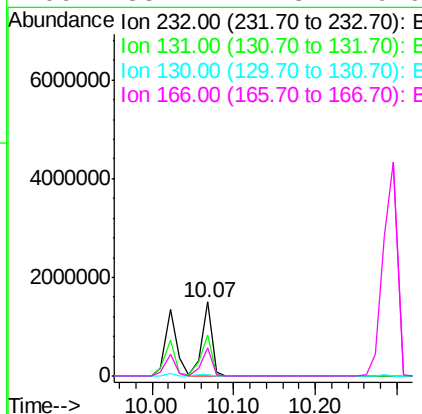
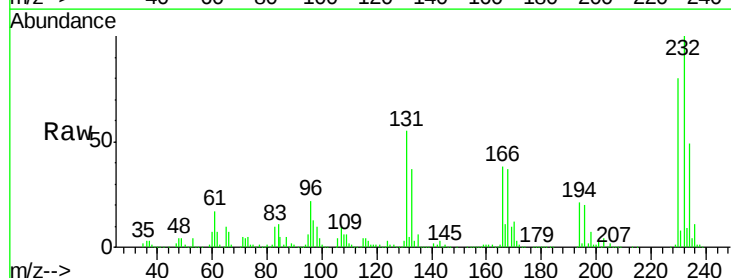
Instrument :
 BNA_F
 ClientSampleId :

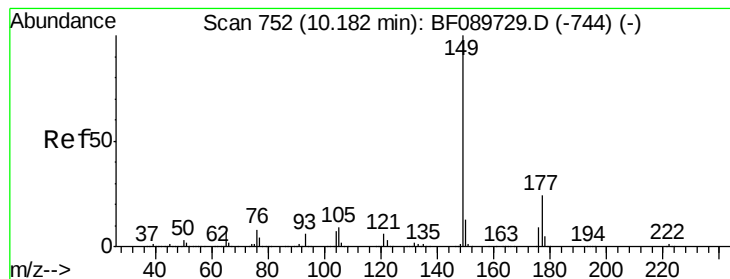
Tot Ion:166 Resp: 5236538
 Ion Ratio Lower Upper
 166 100
 165 99.6 80.2 120.4
 167 15.2 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 66.60 ng
 RT: 10.07 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Tgt Ion:232 Resp: 1321576
 Ion Ratio Lower Upper
 232 100
 131 59.3 42.5 63.7
 130 2.8 2.2 3.4
 166 38.7 27.3 40.9





#59

Diethylphthalate

Concen: 66.75 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

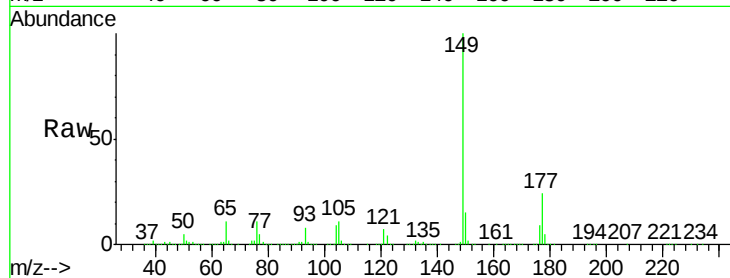
Tot Ion:149 Resp: 5748123

Ion Ratio Lower Upper

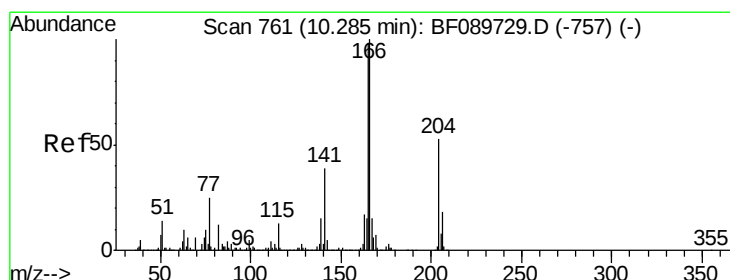
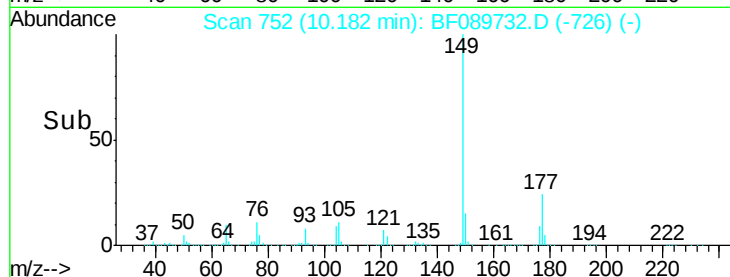
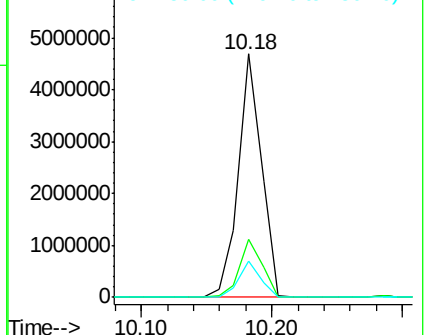
149 100

177 23.6 16.6 25.0

150 15.0 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 63.38 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

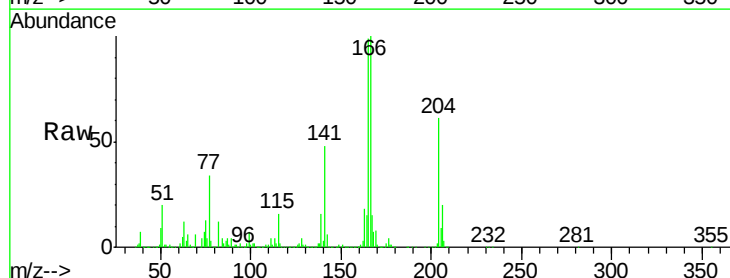
Tgt Ion:204 Resp: 2117384

Ion Ratio Lower Upper

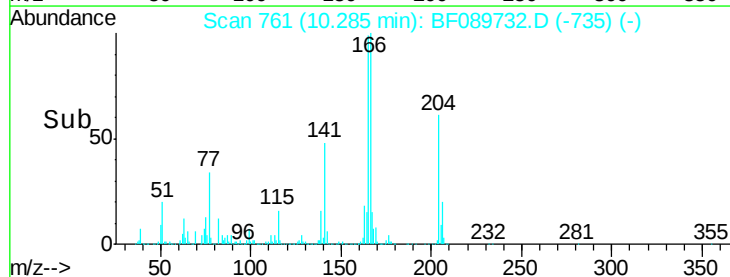
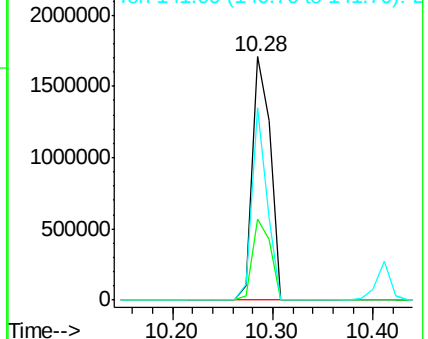
204 100

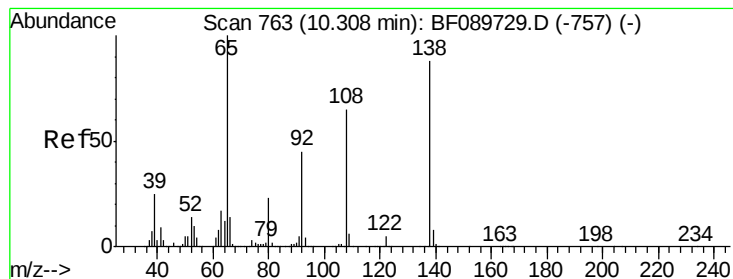
206 33.3 26.5 39.7

141 79.0 54.1 81.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

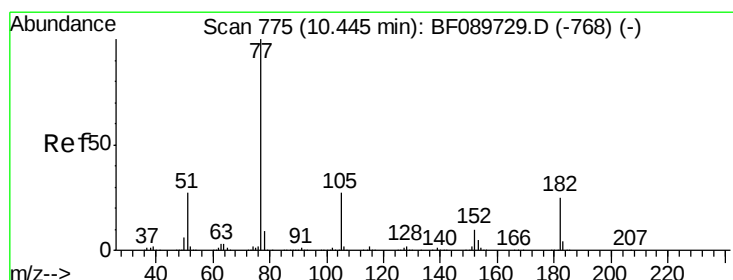
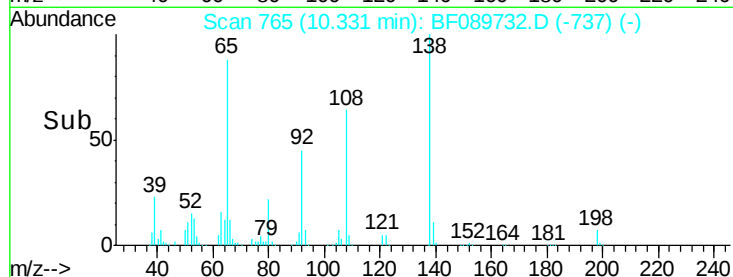
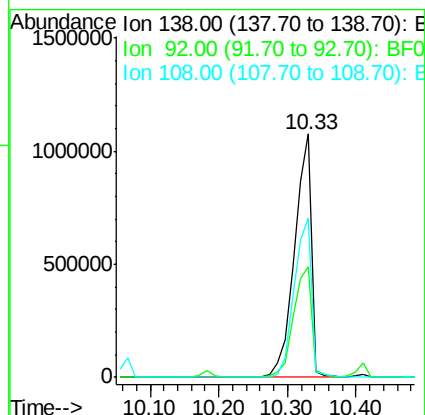
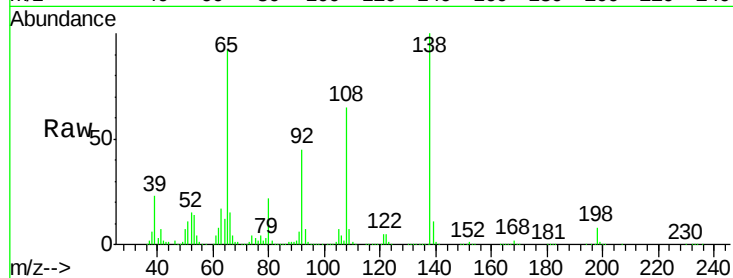




#61
4-Nitroaniline
Concen: 87.44 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.02 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

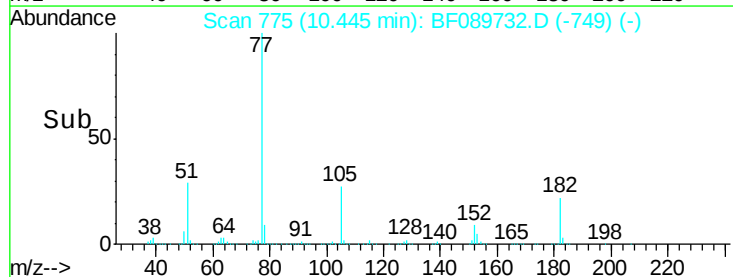
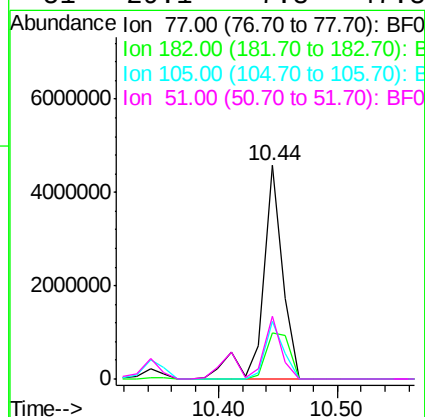
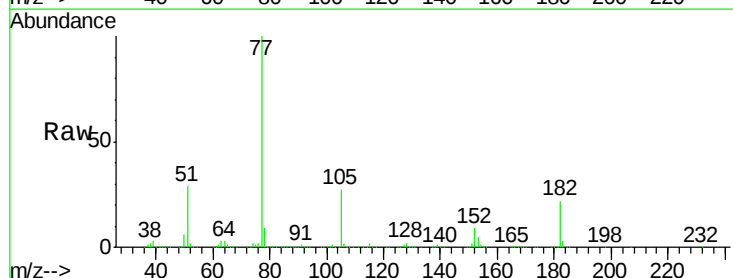
Instrument :
BNA_F
ClientSampleId :

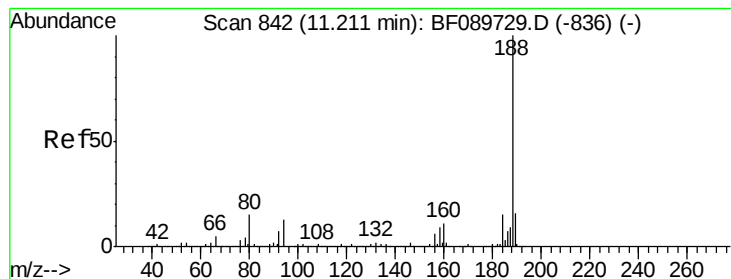
Tot Ion:138 Resp: 1869077
Ion Ratio Lower Upper
138 100
92 45.3 26.4 66.4
108 65.4 47.0 87.0



#62
Azobenzene
Concen: 57.90 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

Tgt Ion: 77 Resp: 5403240
Ion Ratio Lower Upper
77 100
182 21.6 5.6 45.6
105 26.8 4.0 44.0
51 29.1 7.8 47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

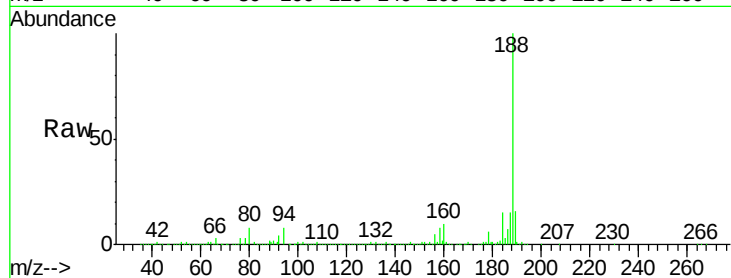
Tot Ion:188 Resp: 2166737

Ion Ratio Lower Upper

188 100

94 8.5 10.2 15.2#

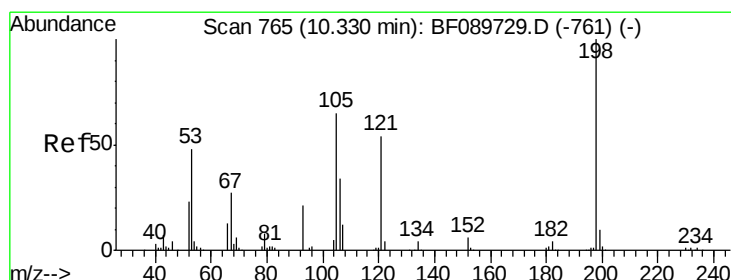
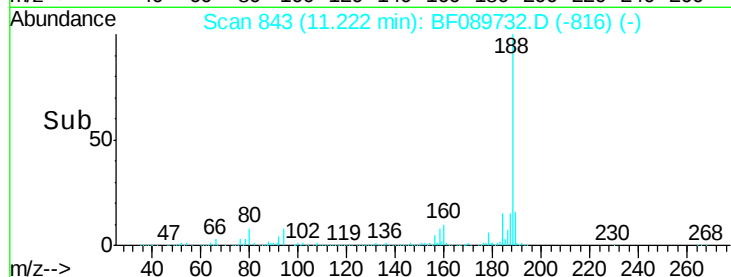
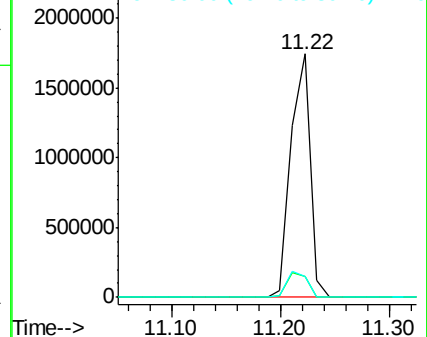
80 8.4 10.9 16.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 98.24 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.02 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

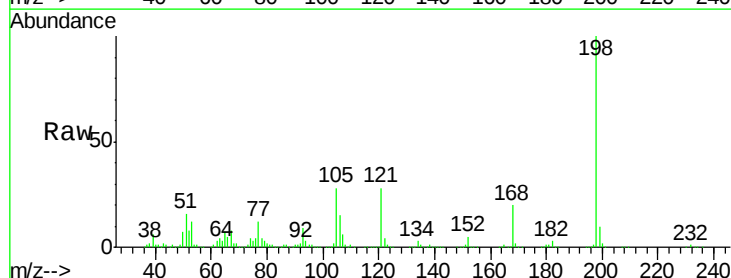
Tgt Ion:198 Resp: 1141682

Ion Ratio Lower Upper

198 100

51 16.1 32.3 72.3#

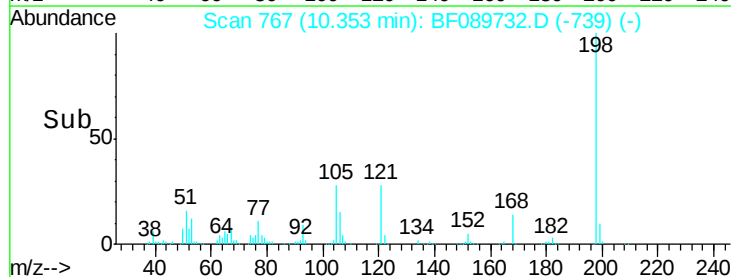
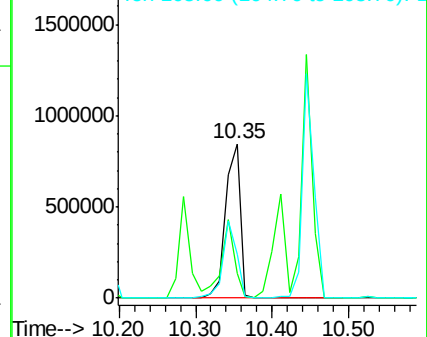
105 28.1 32.9 72.9#

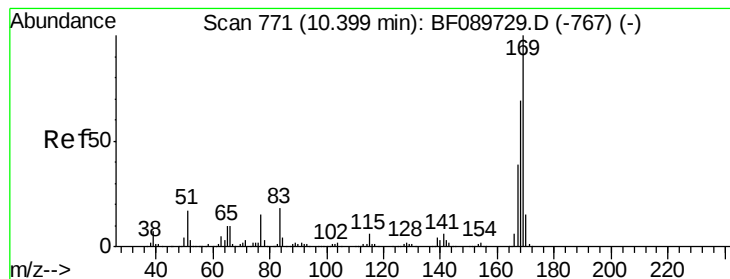


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 61.17 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

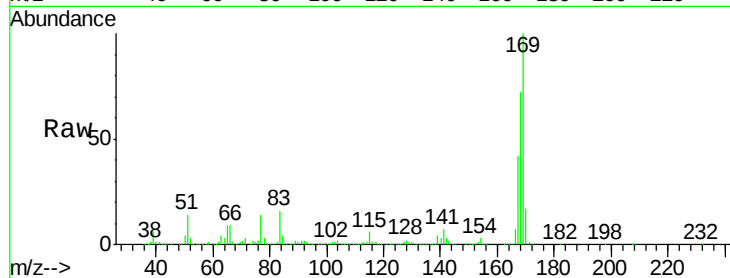
Tot Ion:169 Resp: 4280393

Ion Ratio Lower Upper

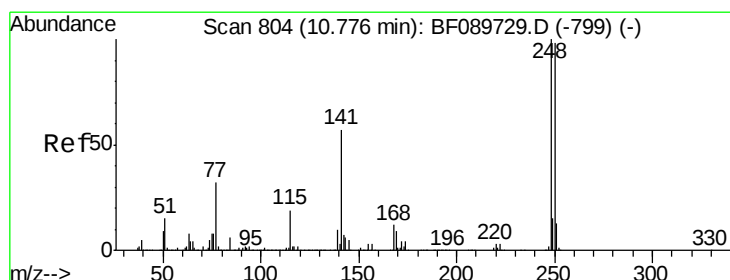
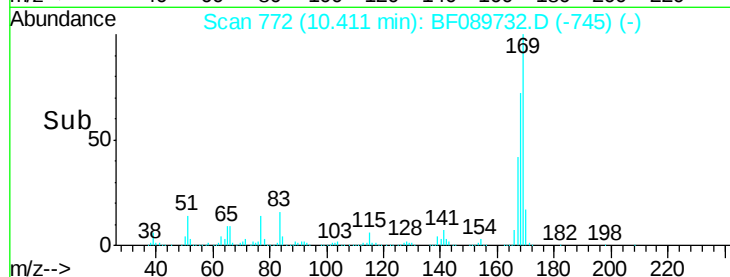
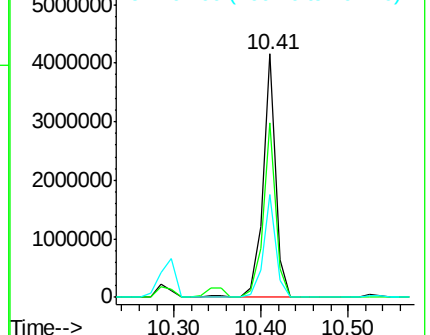
169 100

168 71.9 54.6 82.0

167 42.4 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 64.41 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

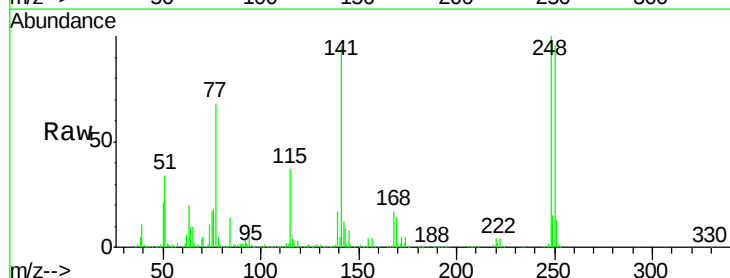
Tgt Ion:248 Resp: 1428852

Ion Ratio Lower Upper

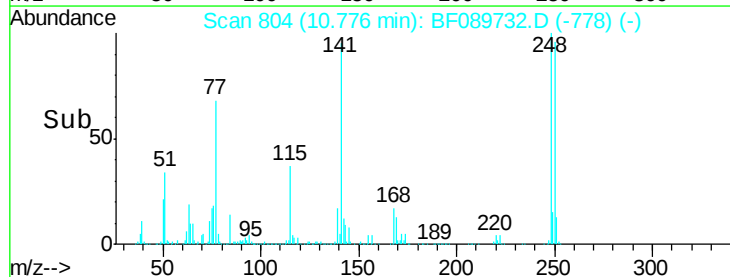
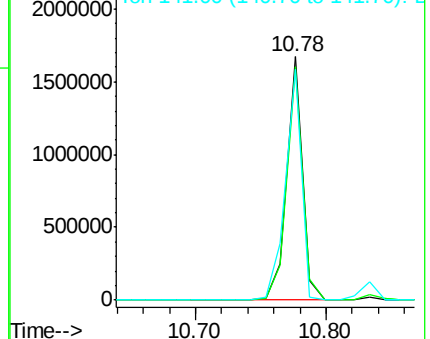
248 100

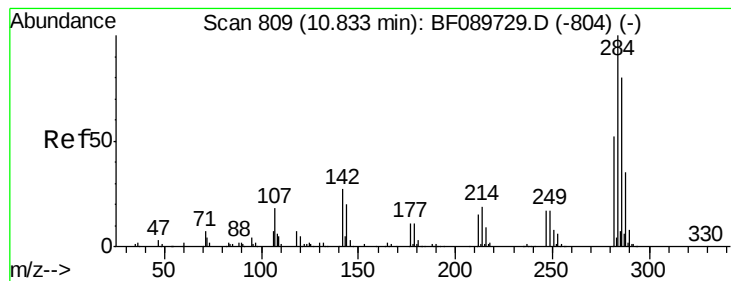
250 95.8 78.6 117.8

141 94.6 31.4 47.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 66.81 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

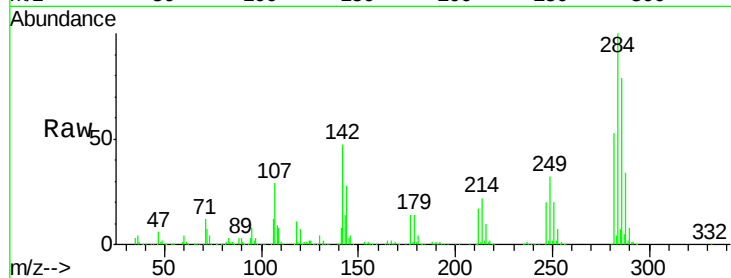
Tot Ion:284 Resp: 1663702

Ion Ratio Lower Upper

284 100

142 47.2 17.4 26.2#

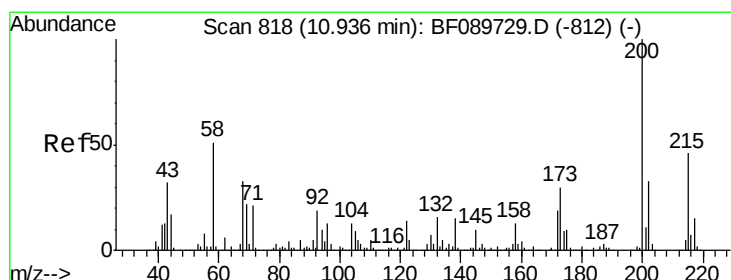
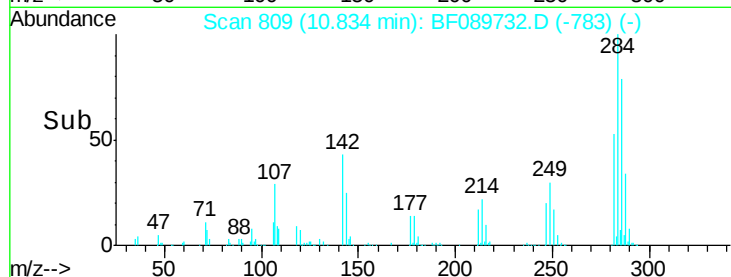
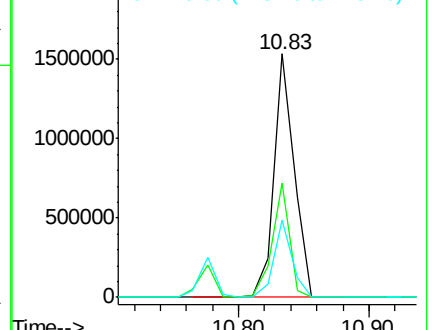
249 31.9 22.8 34.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 80.60 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

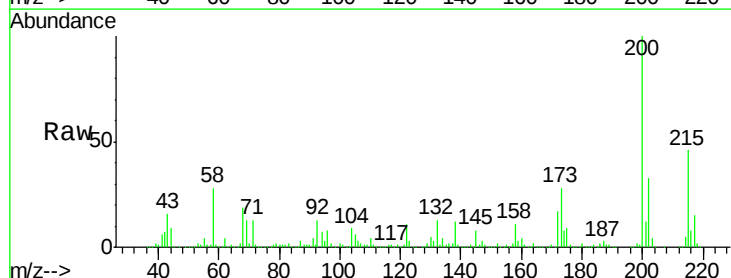
Tgt Ion:200 Resp: 1658225

Ion Ratio Lower Upper

200 100

173 28.1 6.6 46.6

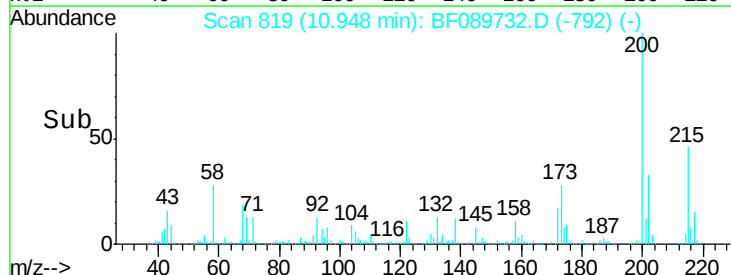
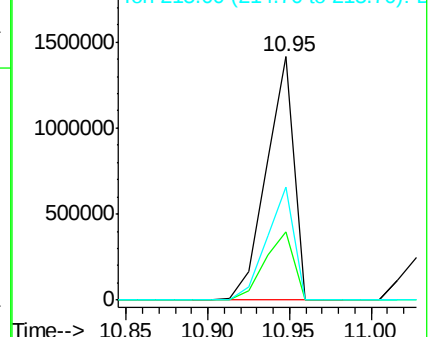
215 46.4 24.7 64.7

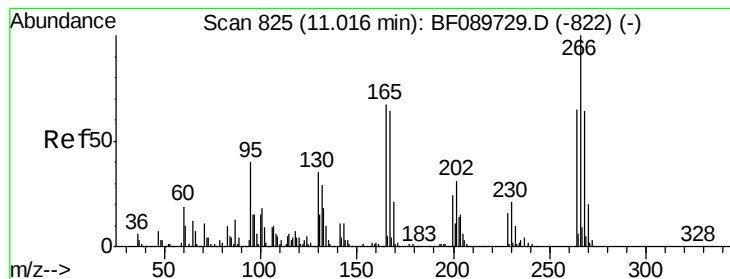


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 84.90 ng

RT: 11.03 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

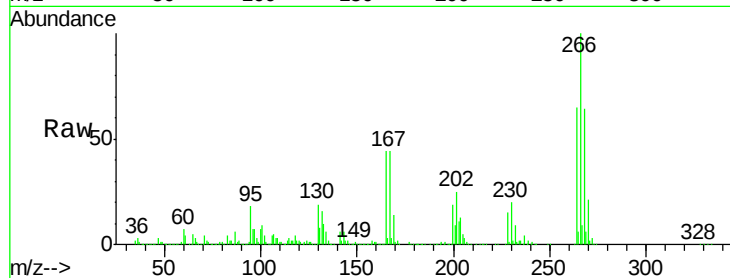
Tot Ion:266 Resp: 1274731

Ion Ratio Lower Upper

266 100

268 64.3 53.2 79.8

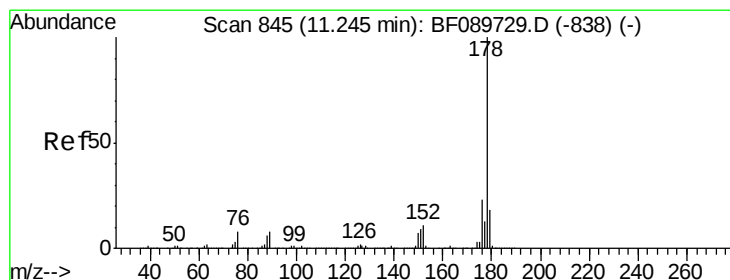
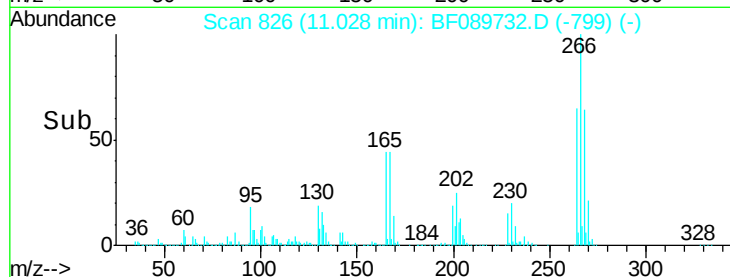
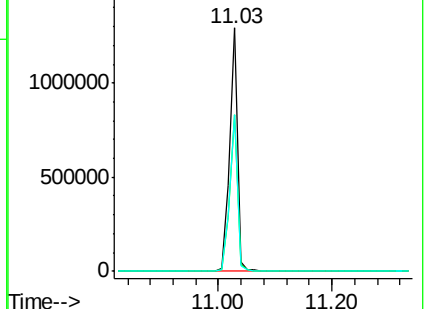
264 64.5 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 58.92 ng

RT: 11.24 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

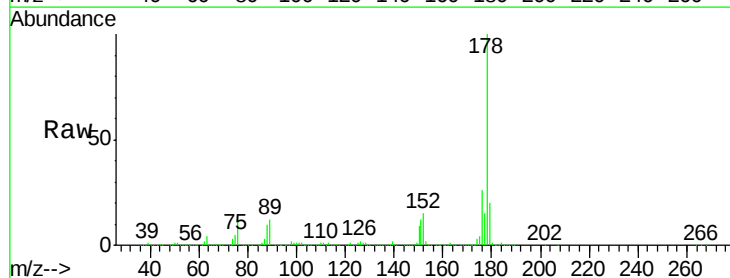
Tgt Ion:178 Resp: 6333345

Ion Ratio Lower Upper

178 100

176 26.3 16.4 24.6#

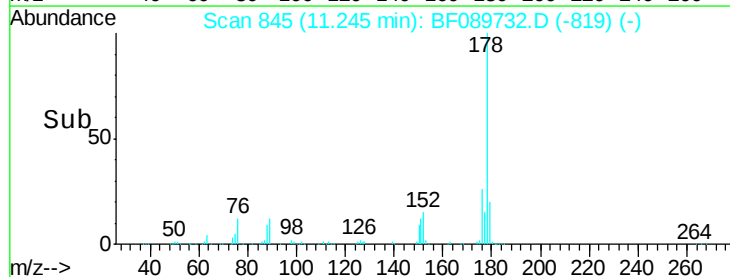
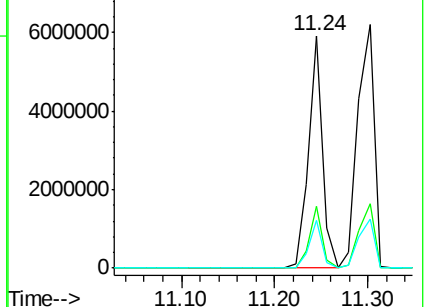
179 20.4 12.5 18.7#

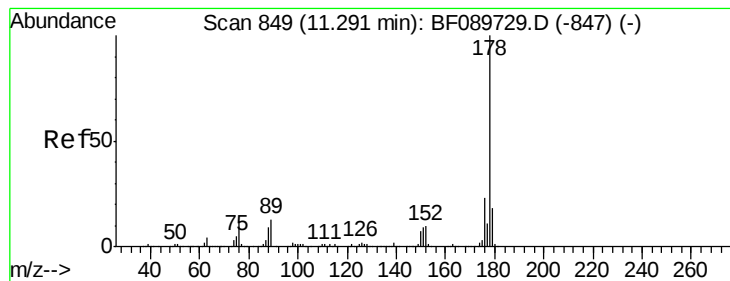


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 67.12 ng

RT: 11.30 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

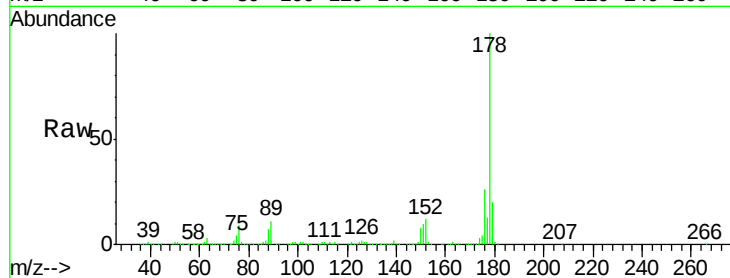
Tot Ion:178 Resp: 7548512

Ion Ratio Lower Upper

178 100

176 26.4 16.4 24.6#

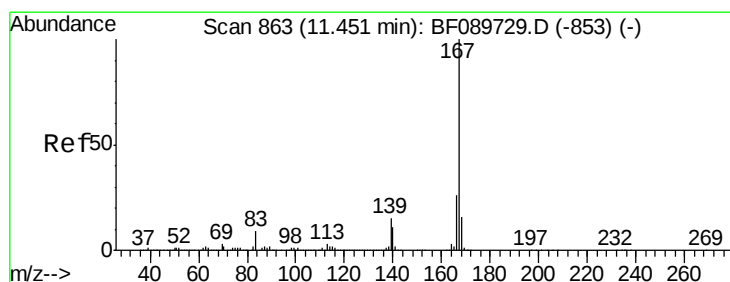
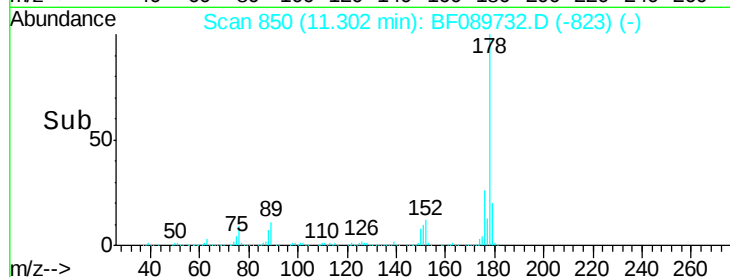
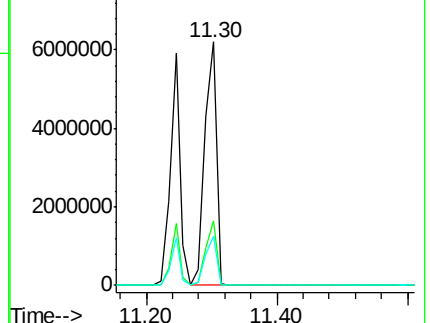
179 20.4 13.1 19.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 56.17 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

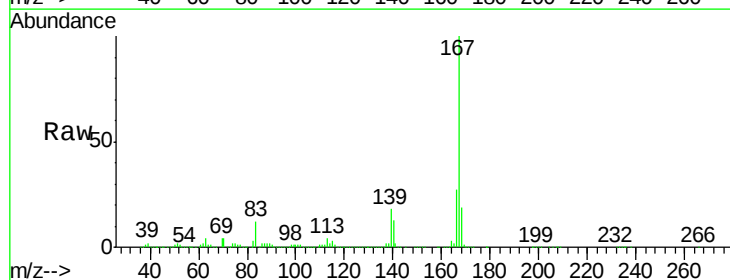
Tgt Ion:167 Resp: 6019759

Ion Ratio Lower Upper

167 100

166 27.4 17.9 26.9#

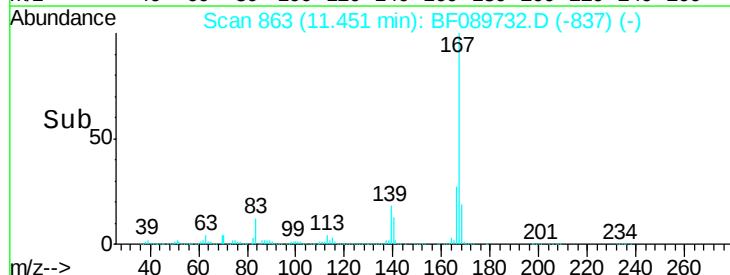
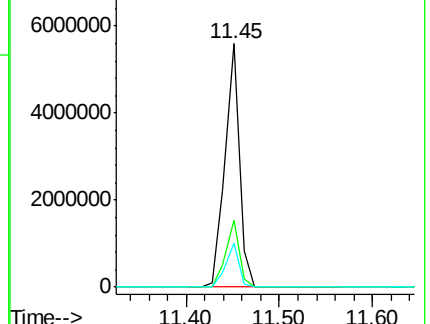
139 17.8 12.4 18.6

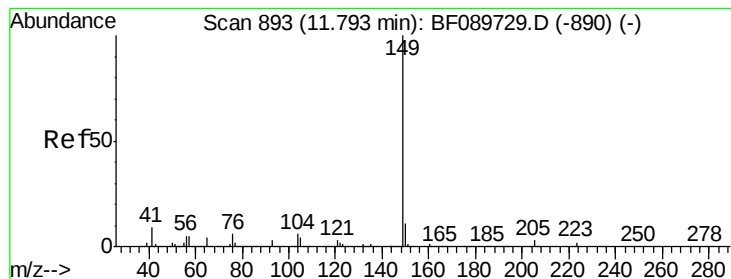


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 68.54 ng

RT: 11.81 min Scan# 894

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

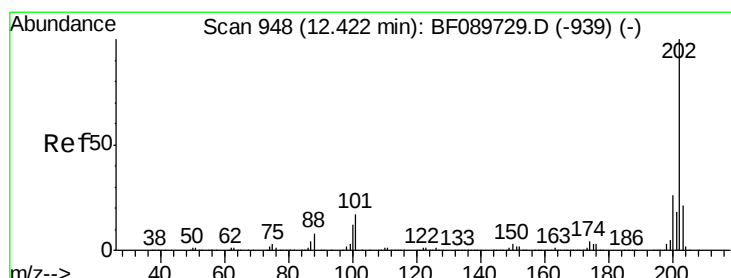
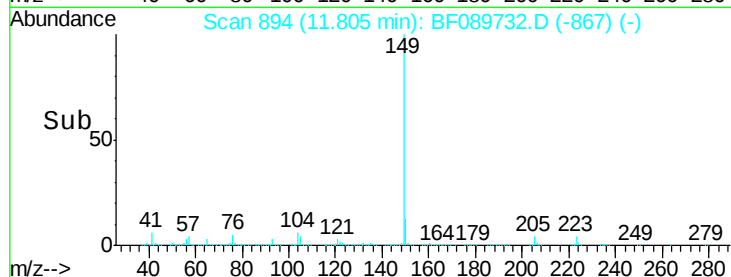
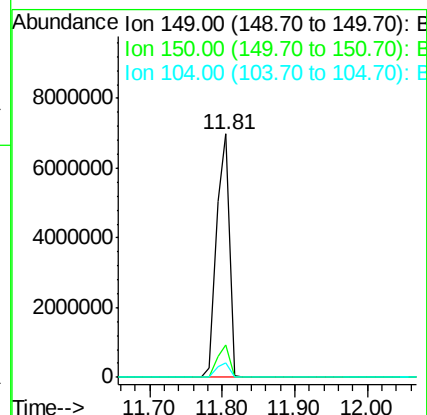
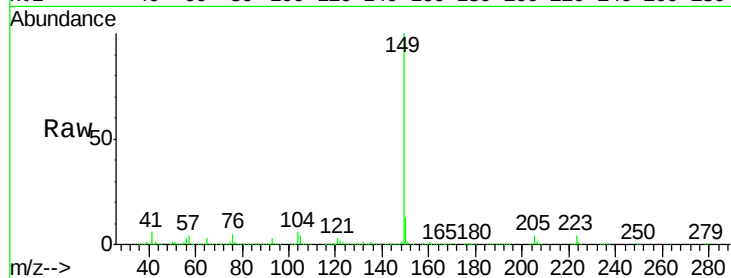
Tot Ion:149 Resp: 8471751

Ion Ratio Lower Upper

149 100

150 13.2 7.9 11.9#

104 6.1 4.3 6.5



#74

Fluoranthene

Concen: 64.31 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

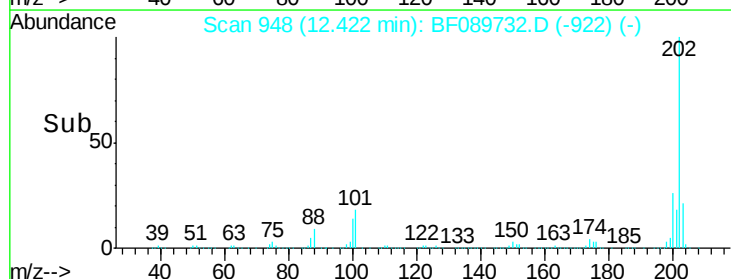
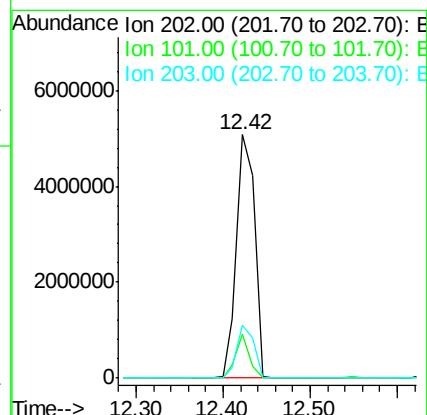
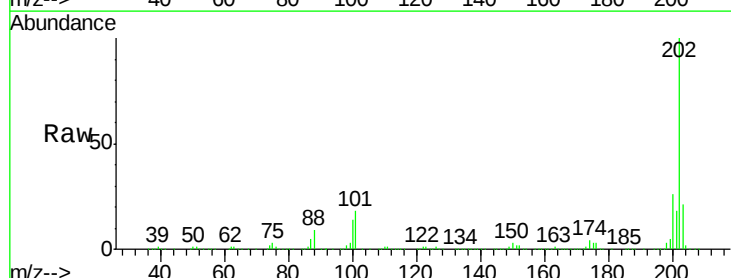
Tgt Ion:202 Resp: 7303857

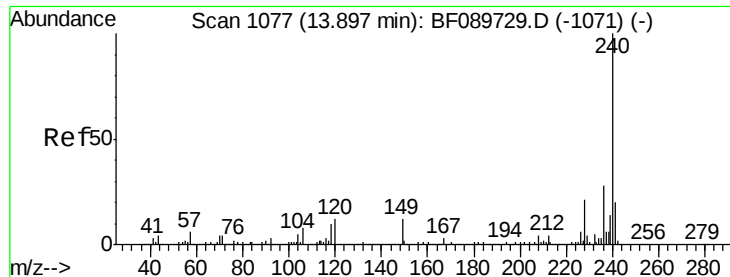
Ion Ratio Lower Upper

202 100

101 18.3 0.0 31.2

203 21.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampled :

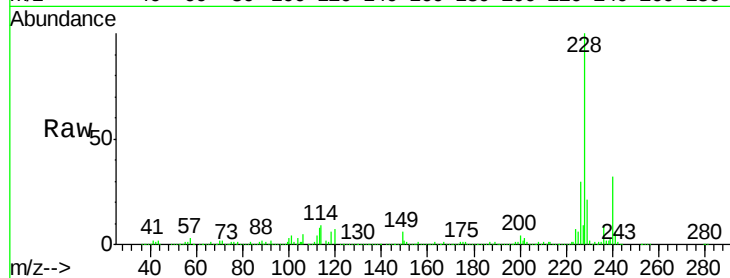
Tot Ion:240 Resp: 1344475

Ion Ratio Lower Upper

240 100

120 21.9 8.3 12.5#

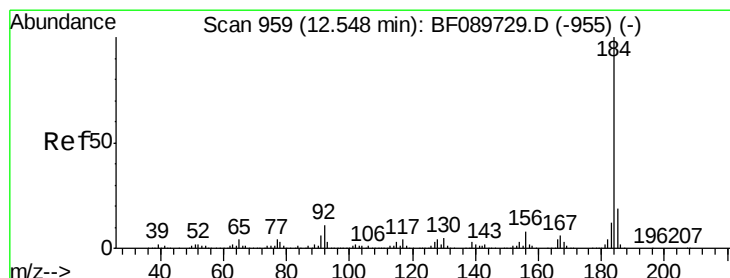
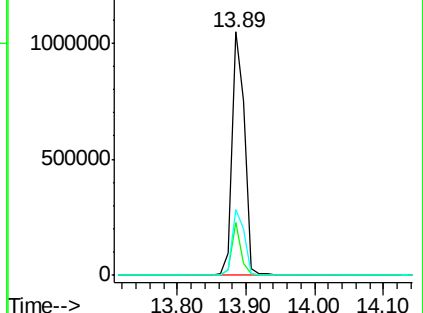
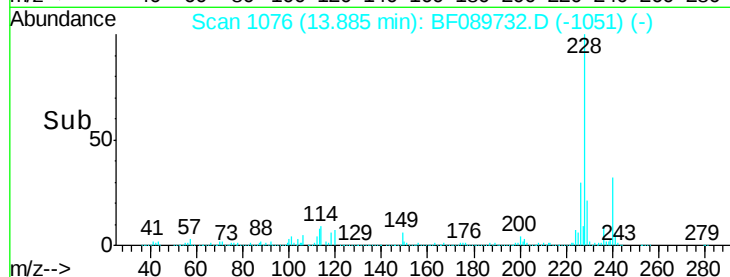
236 27.0 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 95.11 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

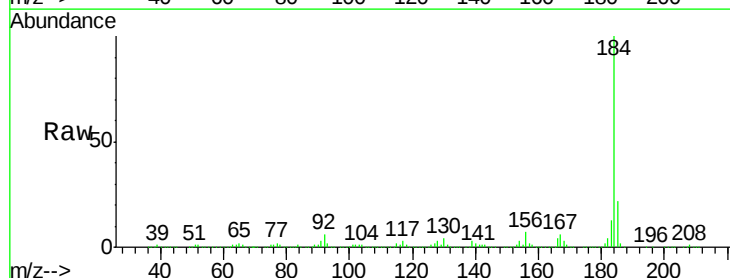
Tgt Ion:184 Resp: 4379494

Ion Ratio Lower Upper

184 100

185 21.7 13.8 20.8#

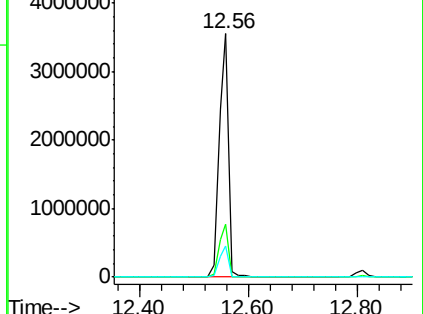
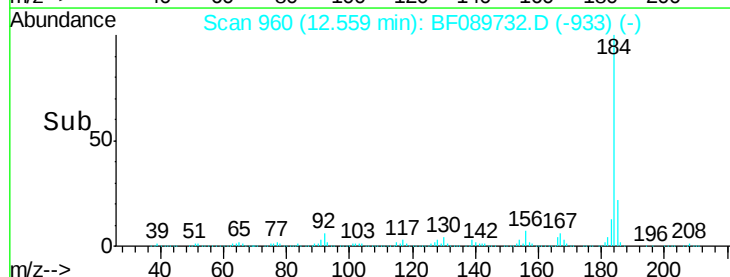
183 12.6 9.7 14.5

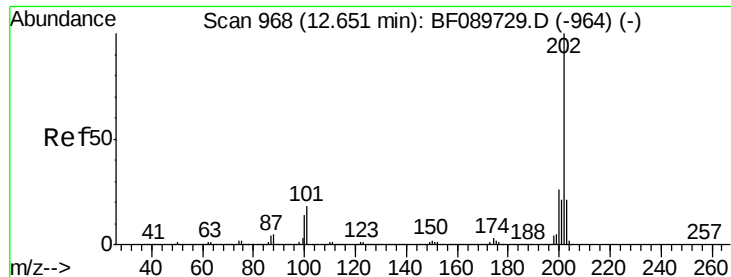


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 82.58 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

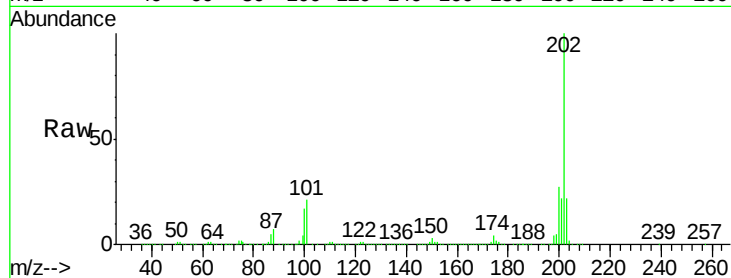
Tot Ion:202 Resp: 7117350

Ion Ratio Lower Upper

202 100

200 26.8 17.8 26.6#

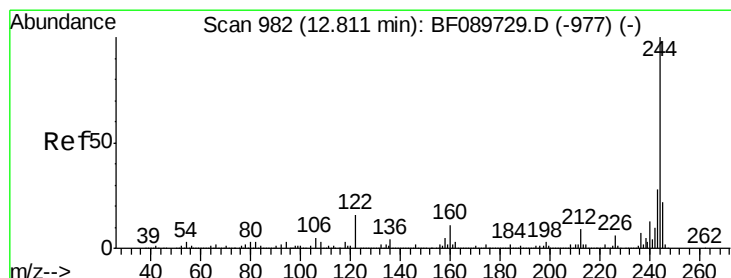
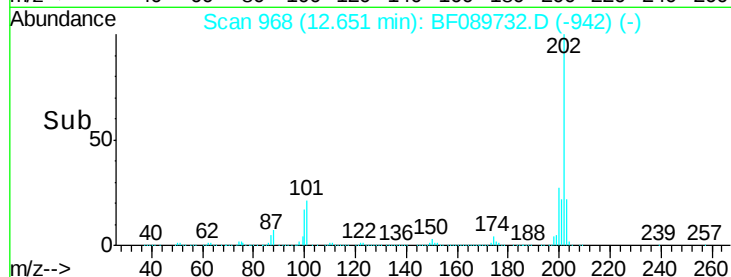
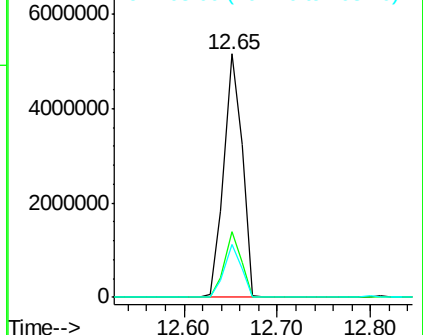
203 21.6 14.2 21.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.81 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

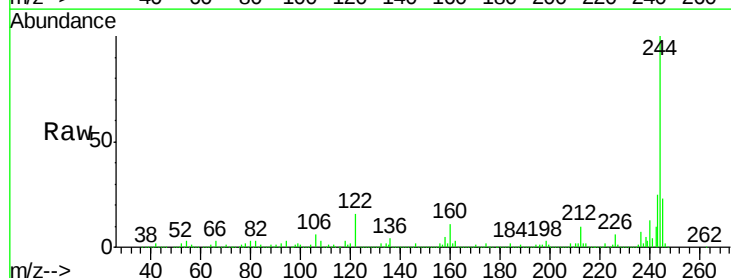
Tgt Ion:244 Resp: 6871064

Ion Ratio Lower Upper

244 100

212 9.7 6.3 9.5#

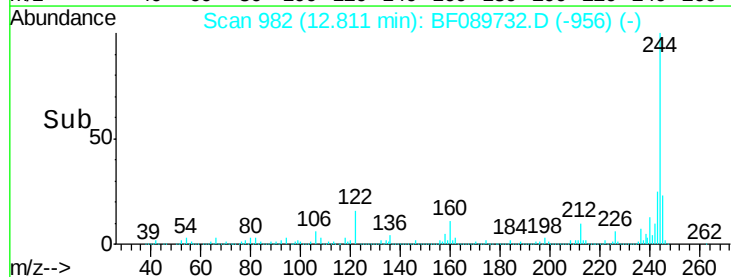
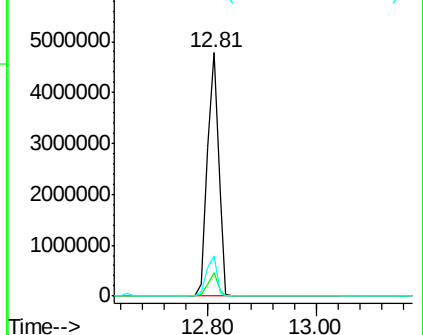
122 16.4 12.0 18.0

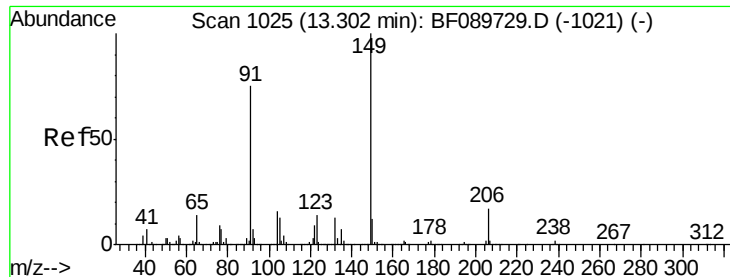


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 94.52 ng

RT: 13.30 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

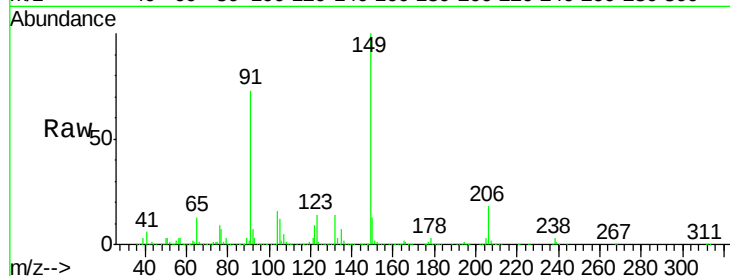
Tot Ion:149 Resp: 3722783

Ion Ratio Lower Upper

149 100

91 73.2 50.7 76.1

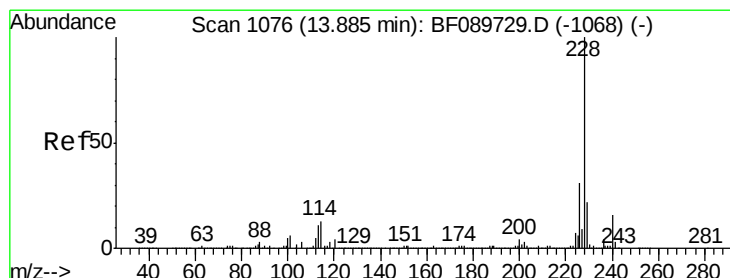
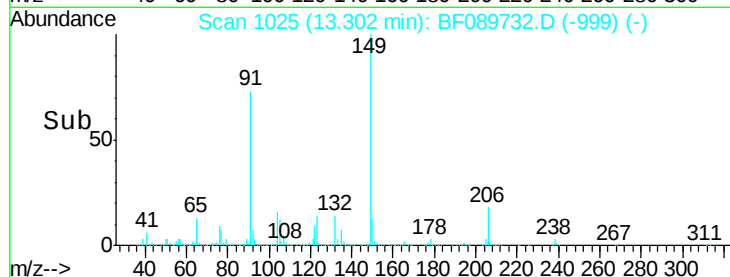
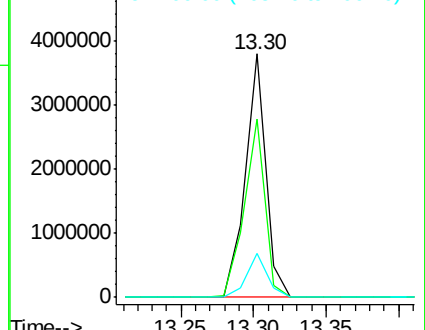
206 18.3 15.5 23.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 80.93 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

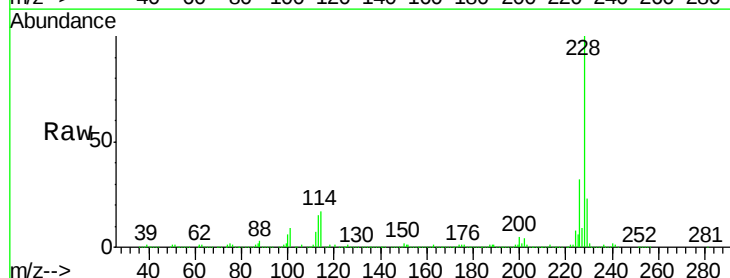
Tgt Ion:228 Resp: 6245388

Ion Ratio Lower Upper

228 100

226 32.4 23.2 34.8

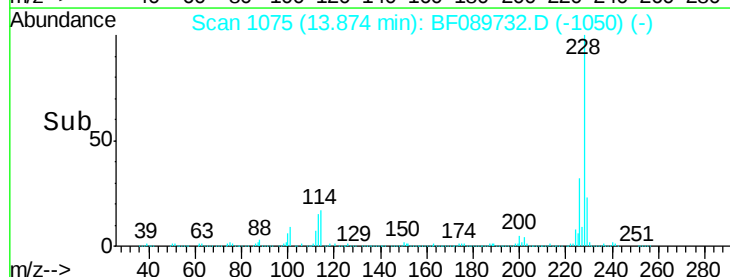
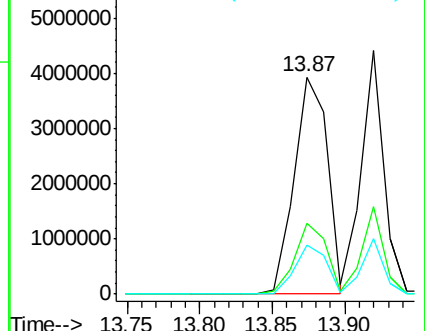
229 22.8 16.2 24.4

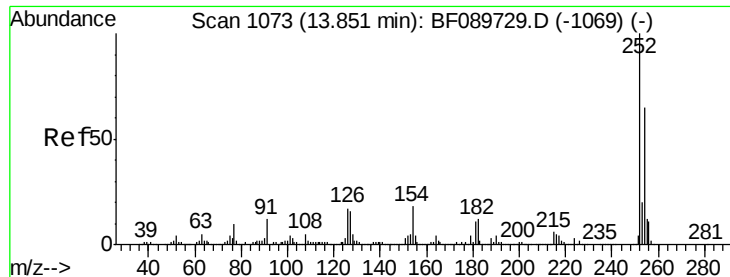


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

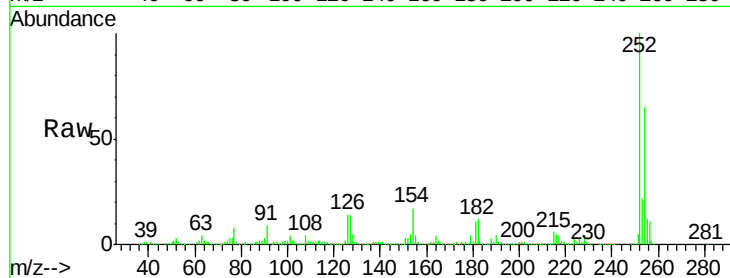




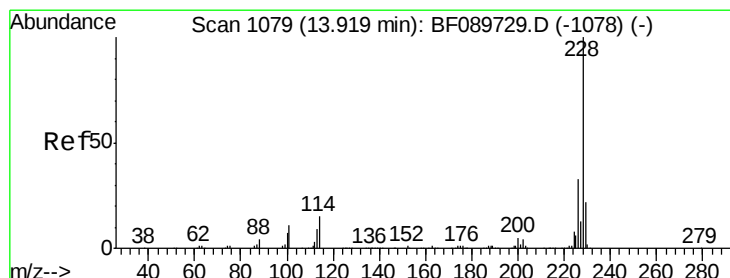
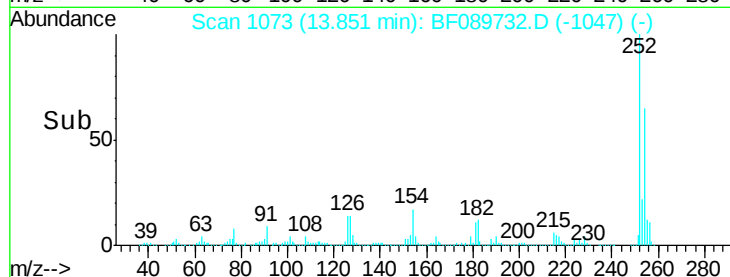
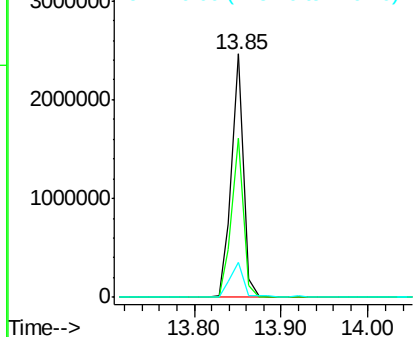
#81
 3,3'-Dichlorobenzidine
 Concen: 83.48 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 2365102
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.6 75.8
 126 14.4 12.6 18.8

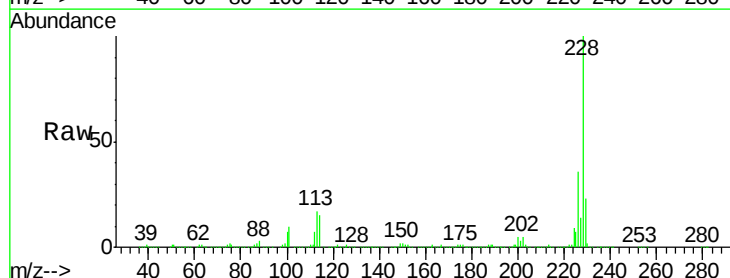


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

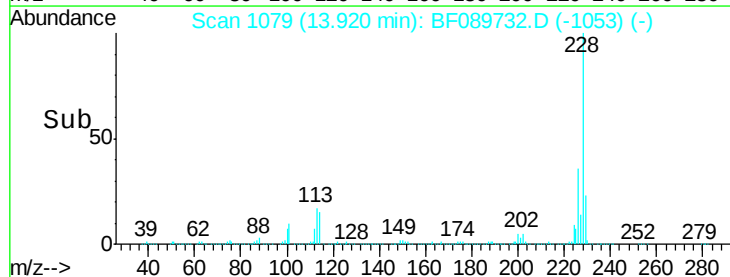
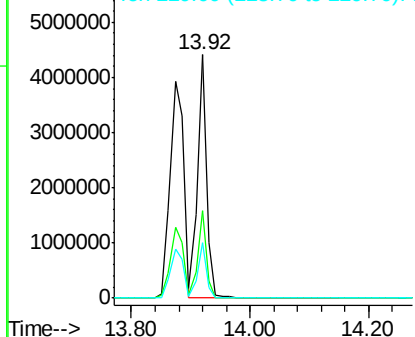


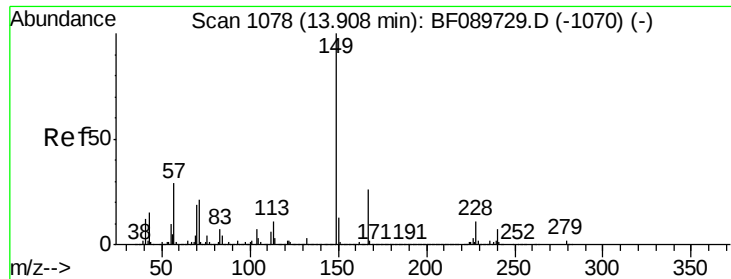
#82
 Chrysene
 Concen: 70.27 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Tgt Ion:228 Resp: 4871446
 Ion Ratio Lower Upper
 228 100
 226 36.0 25.4 38.0
 229 22.6 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

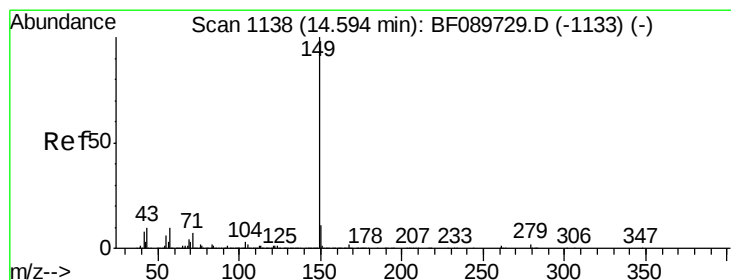
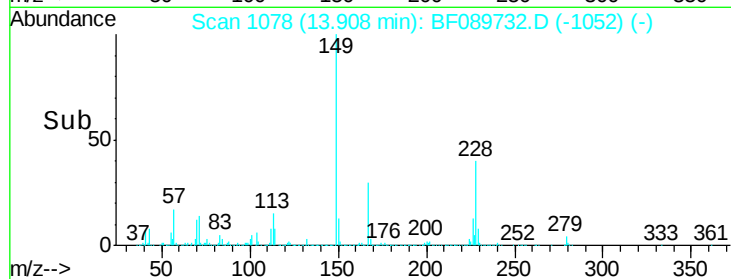
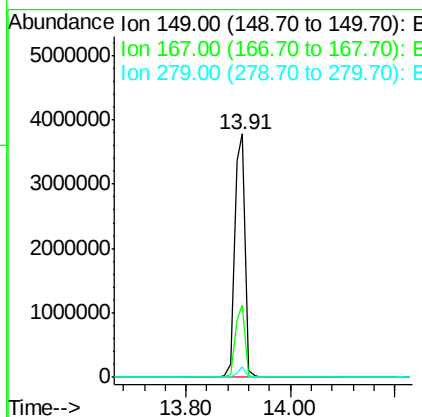
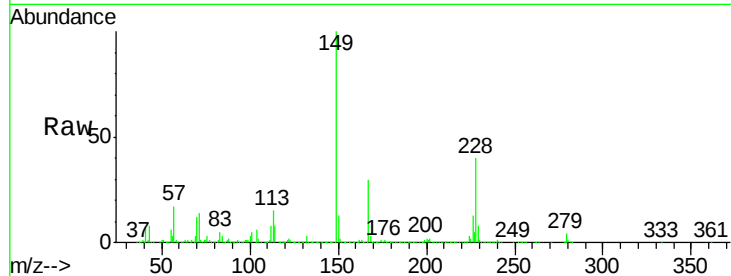




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 93.45 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

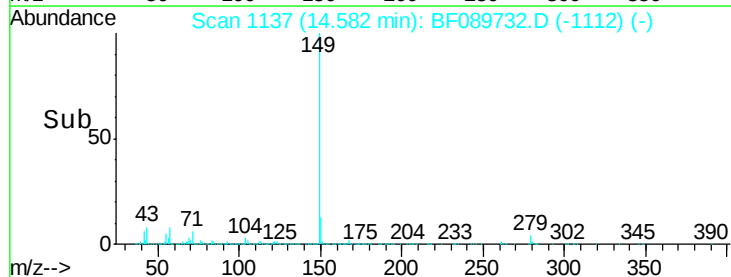
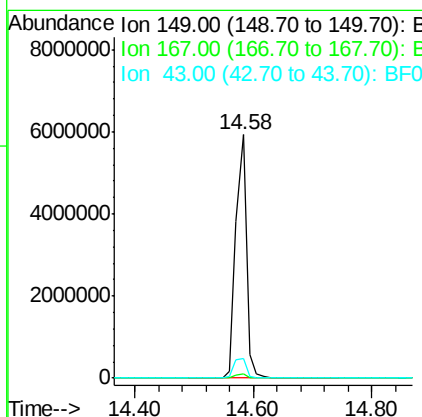
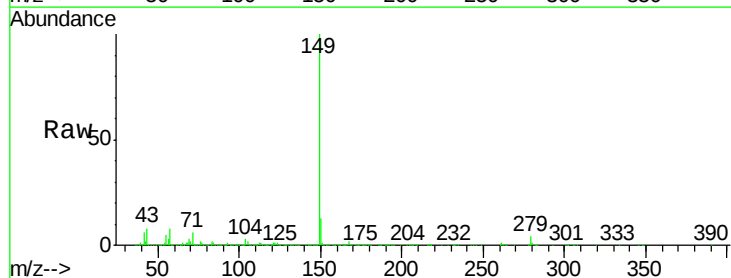
Instrument :
 BNA_F
 ClientSampleId :

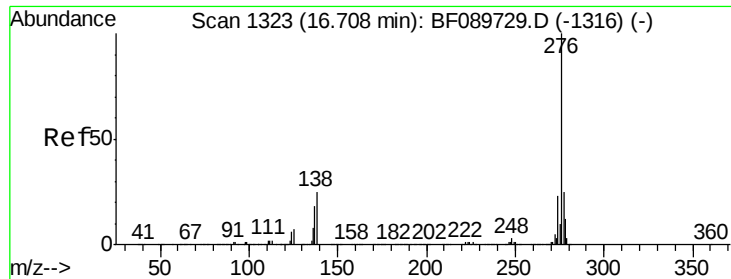
Tot Ion:149 Resp: 5172526
 Ion Ratio Lower Upper
 149 100
 167 29.6 21.2 31.8
 279 4.3 2.9 4.3



#84
 Di-n-octyl phthalate
 Concen: 87.99 ng
 RT: 14.58 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Tgt Ion:149 Resp: 7331873
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8#
 43 9.7 8.4 12.6

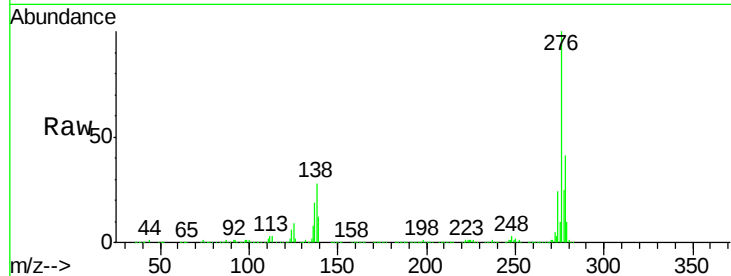




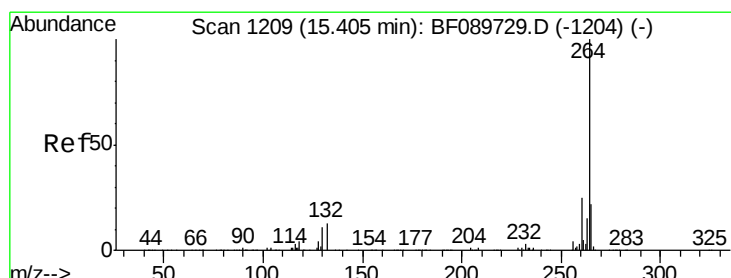
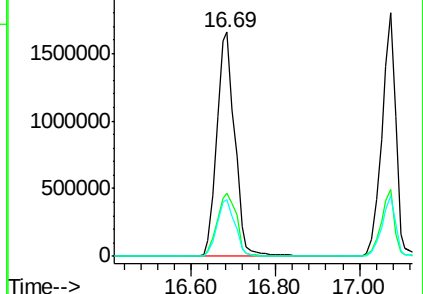
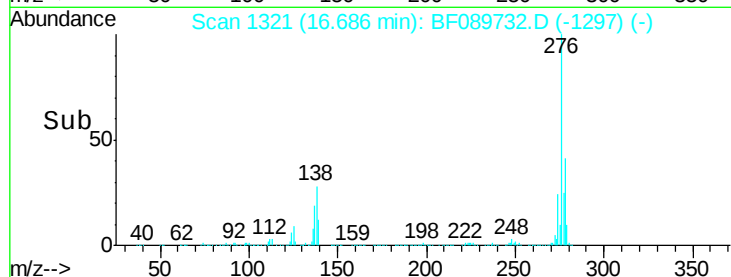
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 82.88 ng
 RT: 16.69 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 4919674
 Ion Ratio Lower Upper
 276 100
 138 30.8 24.6 36.8
 277 25.7 20.4 30.6

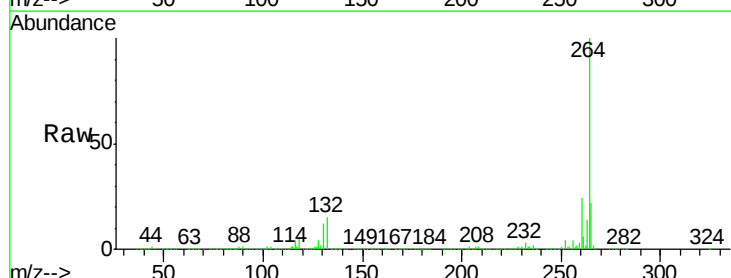


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

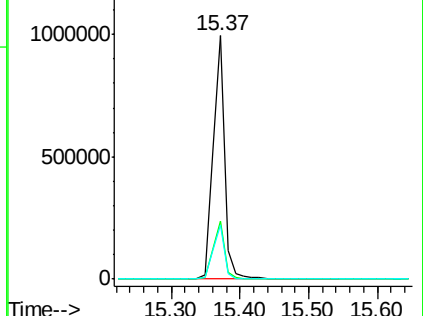
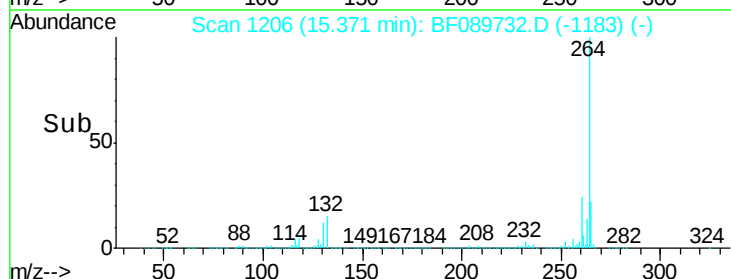


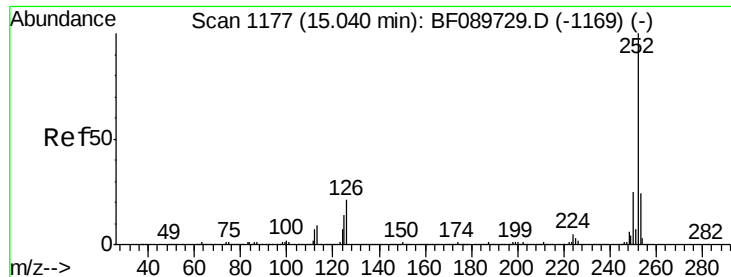
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.03 min
 Lab File: BF089732.D
 Acq: 16 Aug 2016 18:36

Tgt Ion:264 Resp: 1174611
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.2 30.2
 265 22.2 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

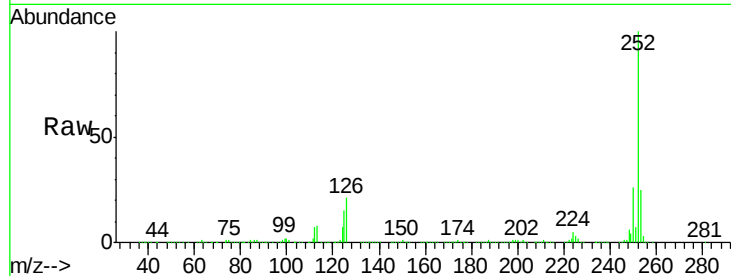




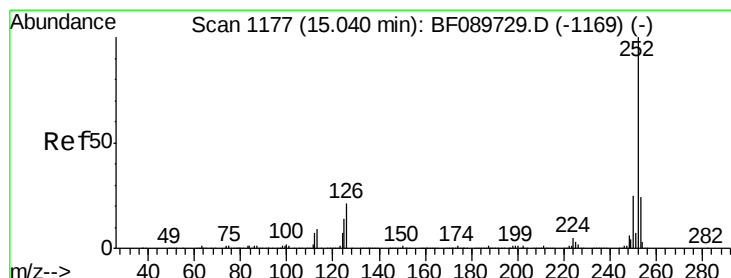
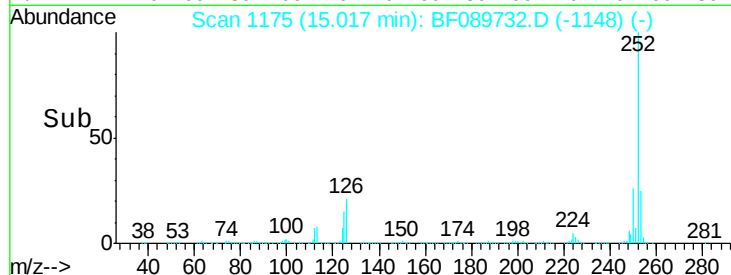
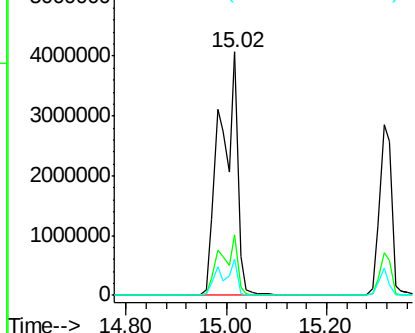
#87
Benzo(b)fluoranthene
Concen: 135.37 ng
RT: 15.02 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 9839979
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.8
125 14.7 11.4 17.2

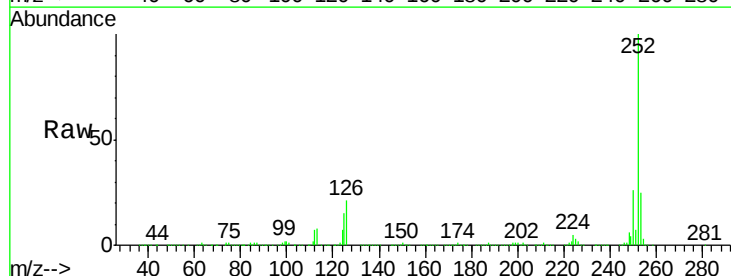


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

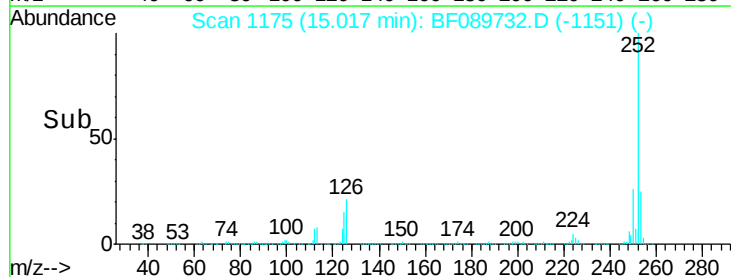
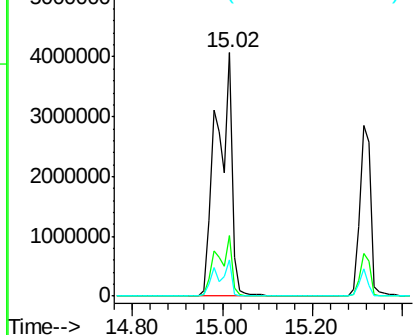


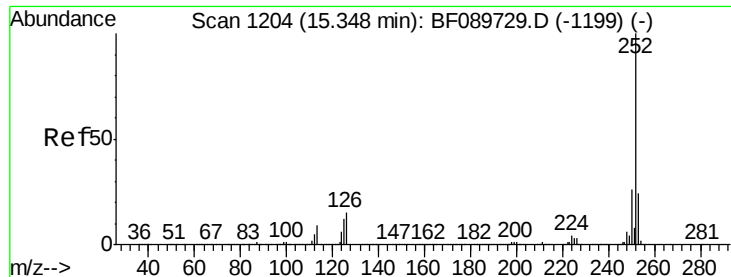
#88
Benzo(k)fluoranthene
Concen: 169.37 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF089732.D
Acq: 16 Aug 2016 18:36

Tgt Ion:252 Resp: 9846672
Ion Ratio Lower Upper
252 100
253 24.9 18.4 27.6
125 14.7 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 79.53 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

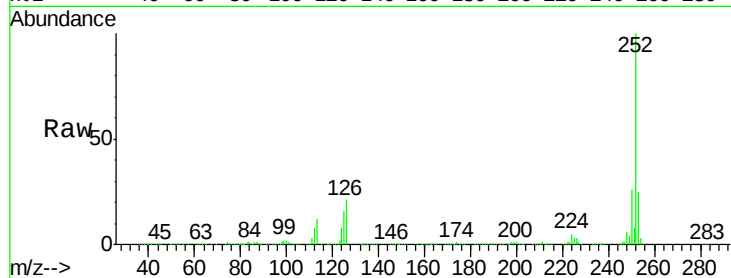
Tot Ion:252 Resp: 4849347

Ion Ratio Lower Upper

252 100

253 24.5 17.8 26.8

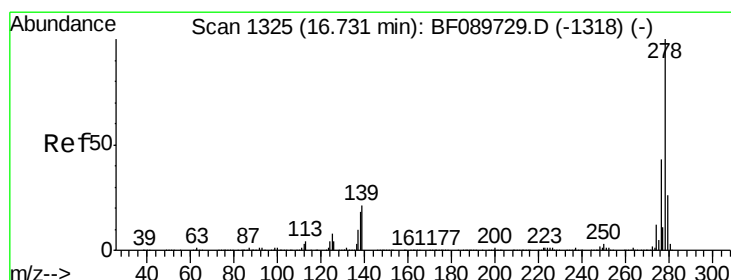
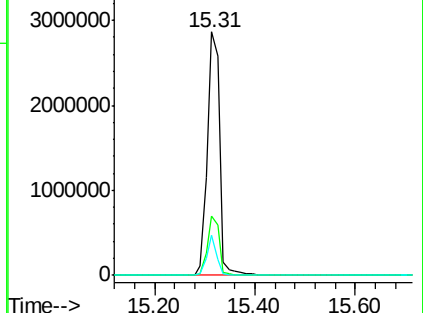
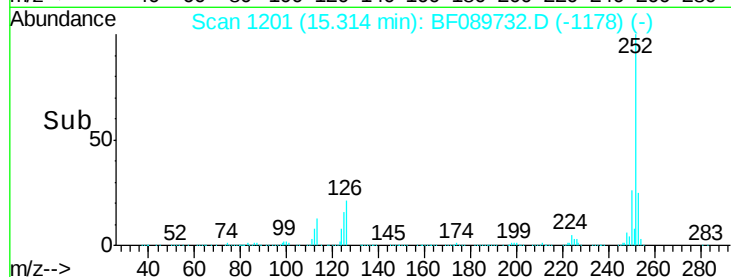
125 16.3 11.7 17.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 84.43 ng

RT: 16.71 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

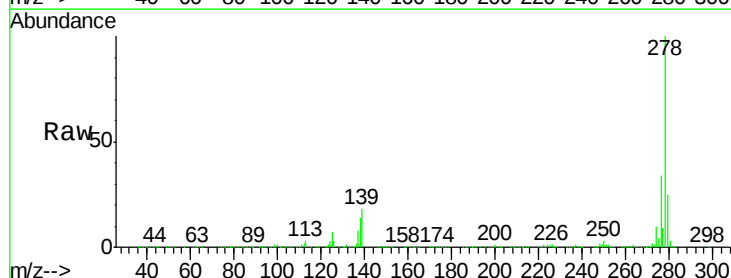
Tgt Ion:278 Resp: 4042804

Ion Ratio Lower Upper

278 100

139 18.1 14.9 22.3

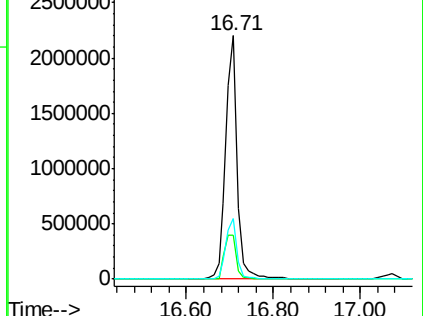
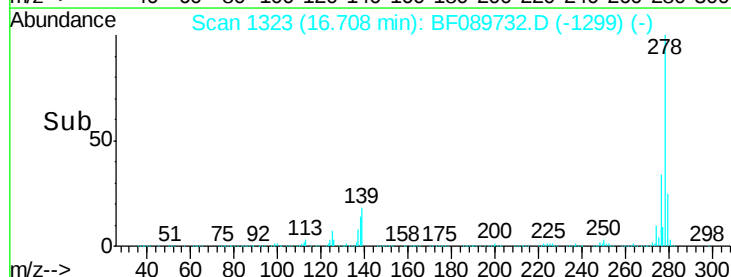
279 24.9 19.2 28.8

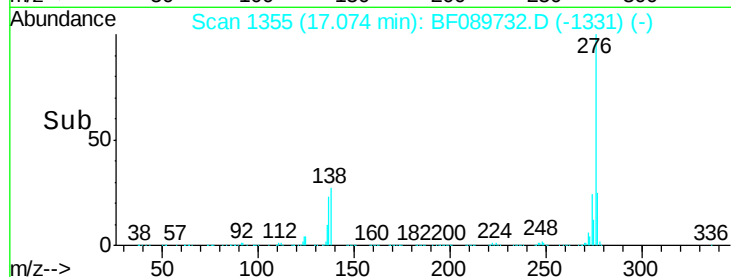
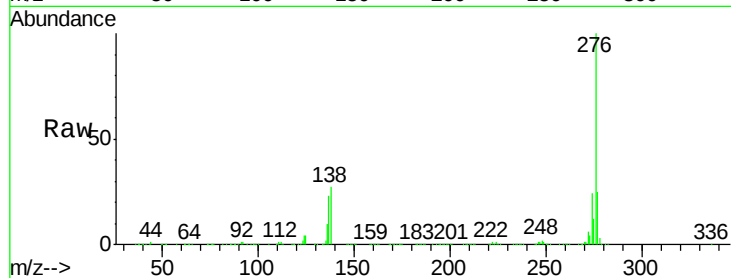
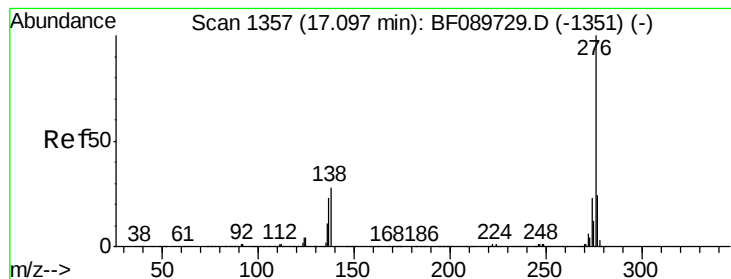


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 85.14 ng

RT: 17.07 min Scan# 1355

Delta R.T. -0.02 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 4132505

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	27.5	22.1	33.1

