

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089867.D
 Acq On : 24 Aug 2016 12:03
 Operator : UM/SJ
 Sample : PB93047BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 18:39:40 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 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	425253	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1656530	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	812472	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	1520034	20.00	ng	-0.02
75) Chrysene-d12	13.89	240	1135050	20.00	ng	-0.01
86) Perylene-d12	15.42	264	935624	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	3354698	131.62	ng	-0.02
7) Phenol-d6	6.31	99	3912649	120.69	ng	-0.02
23) Nitrobenzene-d5	7.23	82	2364018	87.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	1024480	130.34	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	3909585	77.21	ng	-0.03
78) Terphenyl-d14	12.78	244	3499747	92.11	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.20	88	418638	31.82	ng	97
3) Pyridine	2.83	79	1193855	35.21	ng	93
4) n-Nitrosodimethylamine	2.80	42	523476	38.47	ng	# 88
6) Aniline	6.33	93	1009704	23.17	ng	# 69
8) 2-Chlorophenol	6.46	128	1226300	40.45	ng	# 78
9) Benzaldehyde	6.20	77	274094	12.76	ng	89
10) Phenol	6.32	94	1244105	30.83	ng	89
11) bis(2-Chloroethyl)ether	6.41	93	1073305	35.90	ng	98
12) 1,3-Dichlorobenzene	6.60	146	1188183	36.67	ng	99
13) 1,4-Dichlorobenzene	6.68	146	1261160	38.42	ng	99
14) 1,2-Dichlorobenzene	6.84	146	1211988	38.72	ng	98
15) Benzyl Alcohol	6.82	79	932543	43.05	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1264363	32.23	ng	93
17) 2-Methylphenol	6.94	107	991792	41.18	ng	96
18) Hexachloroethane	7.19	117	466187	38.75	ng	94
19) n-Nitroso-di-n-propylamine	7.10	70	767197	36.14	ng	89
20) 3+4-Methylphenols	7.10	107	1300236	42.15	ng	# 49
22) Acetophenone	7.08	105	1421108	36.91	ng	# 89
24) Nitrobenzene	7.26	77	1289548	42.26	ng	95
25) Isophorone	7.50	82	2146174	39.54	ng	98
26) 2-Nitrophenol	7.58	139	687281	47.86	ng	96
27) 2,4-Dimethylphenol	7.62	122	1167686	42.90	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	1417884	42.99	ng	# 95
29) 2,4-Dichlorophenol	7.82	162	1017961	44.92	ng	96
30) 1,2,4-Trichlorobenzene	7.90	180	987756	40.61	ng	98
31) Naphthalene	7.98	128	3141666	42.25	ng	99
32) Benzoic acid	7.74	122	512554	24.22	ng	99
33) 4-Chloroaniline	8.03	127	400199	11.63	ng	97
34) Hexachlorobutadiene	8.10	225	512916	40.14	ng	99
35) Caprolactam	8.40	113	212543	30.43	ng	93
36) 4-Chloro-3-methylphenol	8.52	107	1096431	44.45	ng	99
37) 2-Methylnaphthalene	8.67	142	2347718	46.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	746150	28.57	ng	98
40) Hexachlorocyclopentadiene	8.83	237	955879	82.12	ng	98

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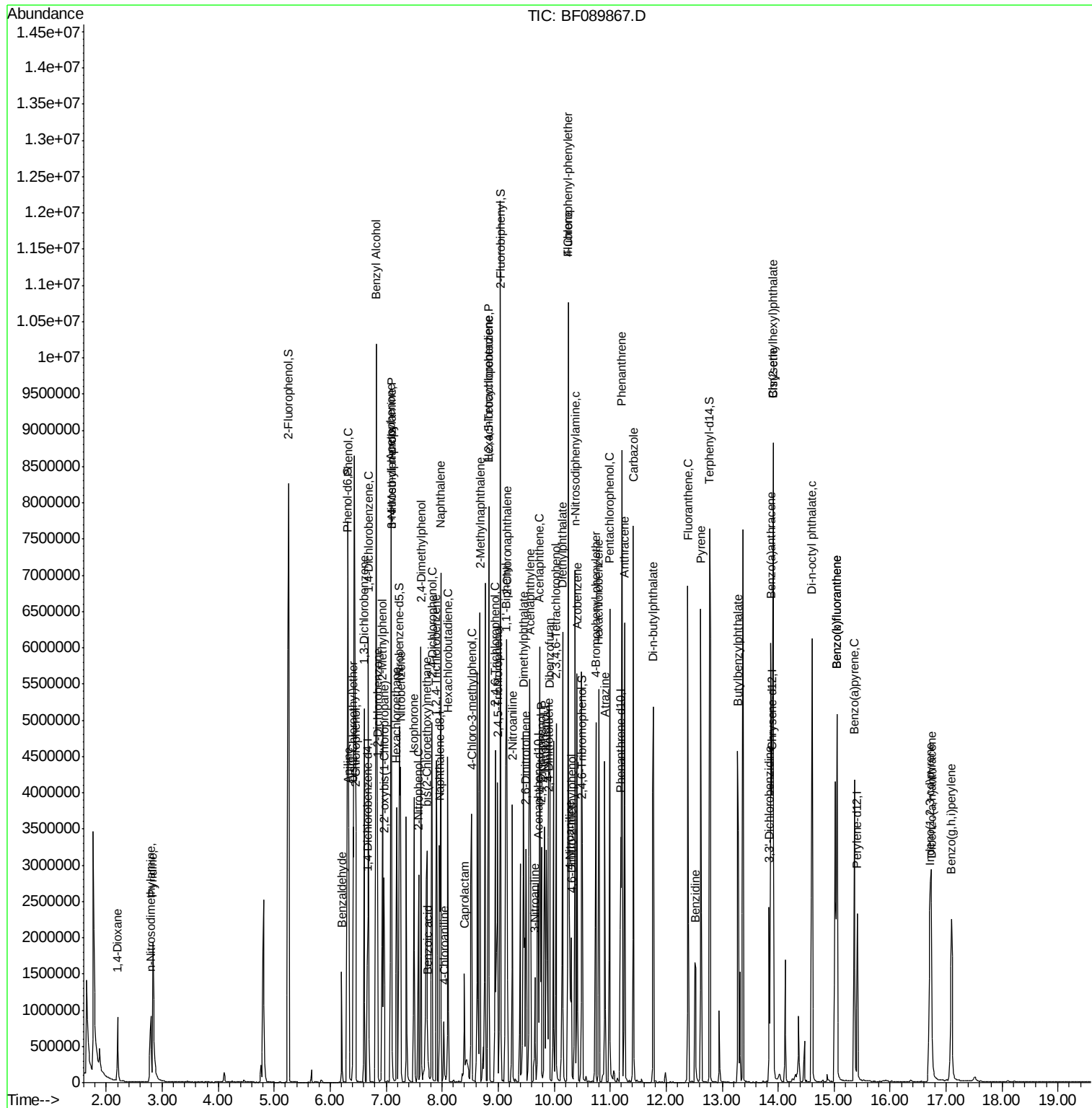
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	688856	40.83	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	707526	43.98	nq	98
45) 1,1'-Biphenyl	9.14	154	2352476	34.96	nq	93
46) 2-Chloronaphthalene	9.15	162	1942104	38.52	nq	99
47) 2-Nitroaniline	9.26	65	696209	45.31	nq	# 77
48) Acenaphthylene	9.56	152	3084383	39.74	nq	99
49) Dimethylphthalate	9.45	163	2574083	43.79	nq	100
50) 2,6-Dinitrotoluene	9.50	165	516578	38.82	nq	# 85
51) Acenaphthene	9.74	154	2309215	44.09	nq	98
52) 3-Nitroaniline	9.66	138	286023	18.49	nq	96
53) 2,4-Dinitrophenol	9.77	184	486640	81.84	nq	# 86
54) Dibenzofuran	9.92	168	3004790	46.62	nq	# 89
55) 4-Nitrophenol	9.83	139	945665	79.46	nq	88
56) 2,4-Dinitrotoluene	9.90	165	689738	40.33	nq	# 59
57) Fluorene	10.25	166	2089421	40.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	579138	46.09	nq	99
59) Diethylphthalate	10.15	149	2455655	41.20	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	907953	35.51	nq	94
61) 4-Nitroaniline	10.27	138	600889	40.00	nq	95
62) Azobenzene	10.41	77	2421007	42.98	nq	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	345778	39.18	nq	# 74
65) n-Nitrosodiphenylamine	10.38	169	2145230	44.97	nq	99
66) 4-Bromophenyl-phenylether	10.74	248	670392	42.59	nq	# 85
67) Hexachlorobenzene	10.80	284	692985	39.60	nq	# 82
68) Atrazine	10.90	200	558813	38.67	nq	96
69) Pentachlorophenol	10.99	266	716814	65.75	nq	98
70) Phenanthrene	11.21	178	3227404	43.20	nq	96
71) Anthracene	11.26	178	3283132	42.06	nq	99
72) Carbazole	11.42	167	2970222	40.16	nq	97
73) Di-n-butylphthalate	11.77	149	3881229	43.14	nq	# 98
74) Fluoranthene	12.39	202	2967852	39.53	nq	93
76) Benzidine	12.53	184	1021562	25.08	nq	96
77) Pyrene	12.62	202	2984732	40.18	nq	98
79) Butylbenzylphthalate	13.28	149	1610358	43.22	nq	86
80) Benzo(a)anthracene	13.87	228	2726987	41.35	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	512069	21.31	nq	98
82) Chrysene	13.91	228	2131528	35.91	nq	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	2142125	43.44	nq	97
84) Di-n-octyl phthalate	14.61	149	3663403	47.79	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.71	276	2250503	44.51	nq	100
87) Benzo(b)fluoranthene	15.05	252	4505925	76.01	nq	98
88) Benzo(k)fluoranthene	15.05	252	4509658	92.42	nq	99
89) Benzo(a)pyrene	15.36	252	2040130	41.68	nq	98
90) Dibenzo(a,h)anthracene	16.74	278	1880769	48.80	nq	97
91) Benzo(g,h,i)perylene	17.10	276	1936648	49.37	nq	98

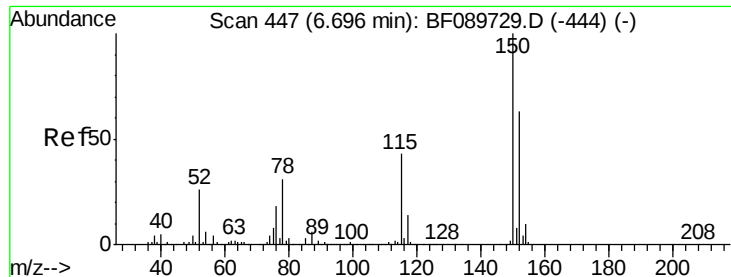
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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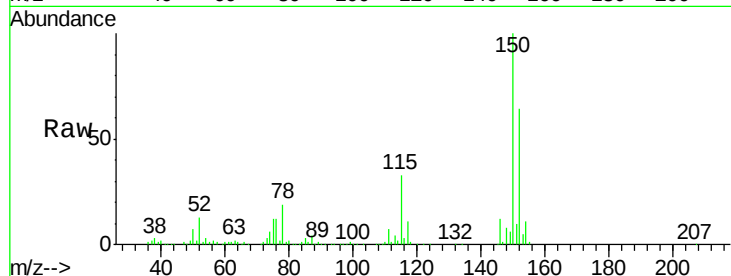


#1

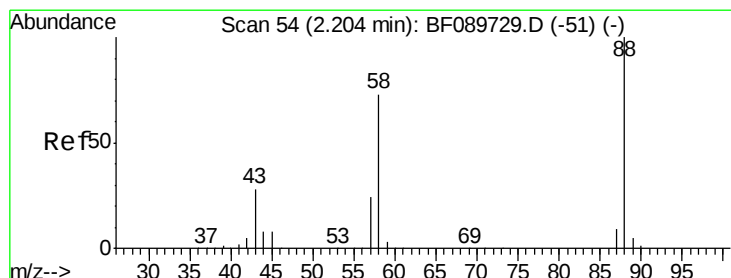
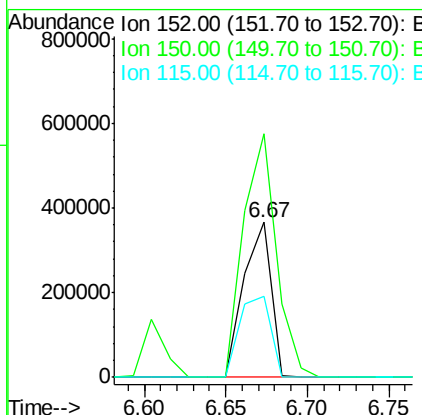
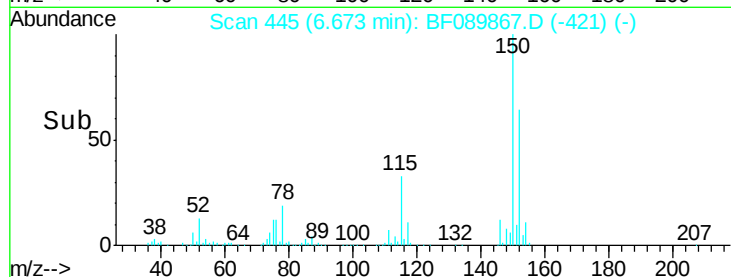
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.3	187.9
115	51.9	40.9	61.3



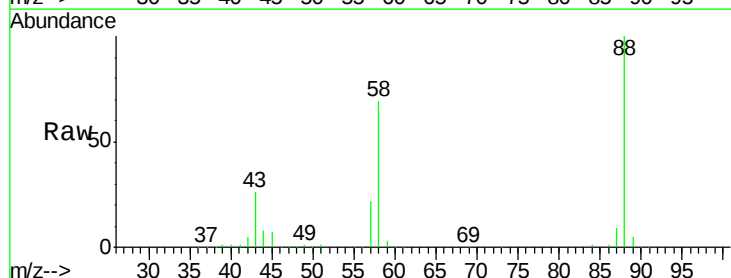
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



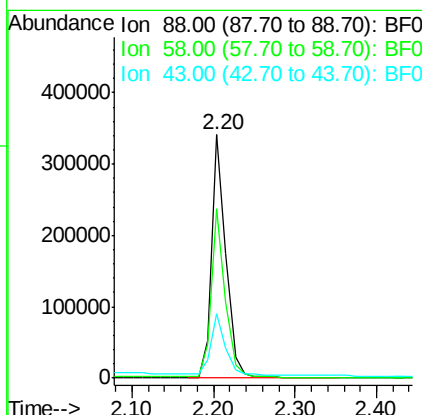
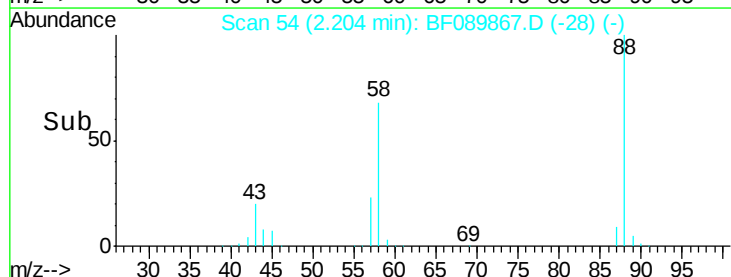
#2

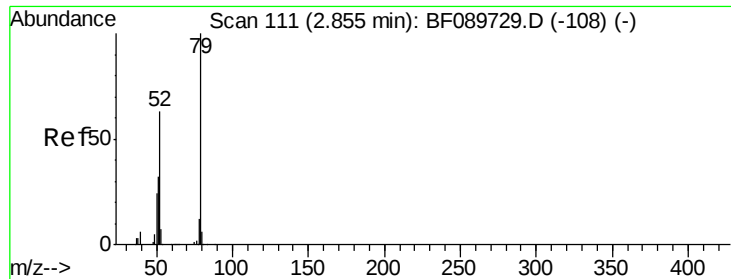
1,4-Dioxane
Concen: 31.82 ng
RT: 2.20 min Scan# 54
Delta R.T. 0.00 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	57.0	85.4
43	26.6	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: 35.21 ng

RT: 2.83 min Scan# 109

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

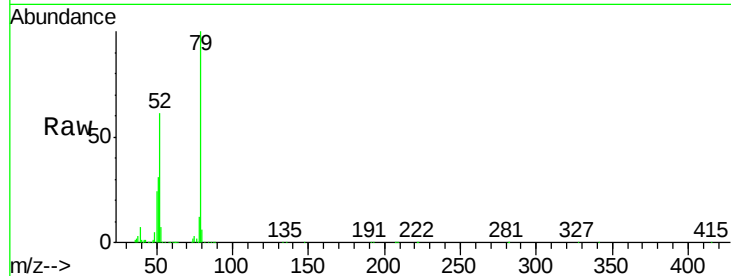
Tot Ion: 79 Resp: 1193855

Ion Ratio Lower Upper

79 100

52 60.6 53.6 80.4

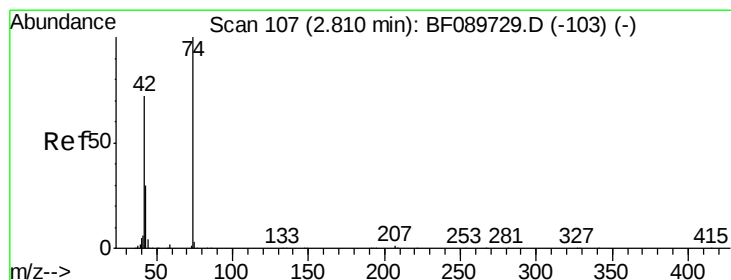
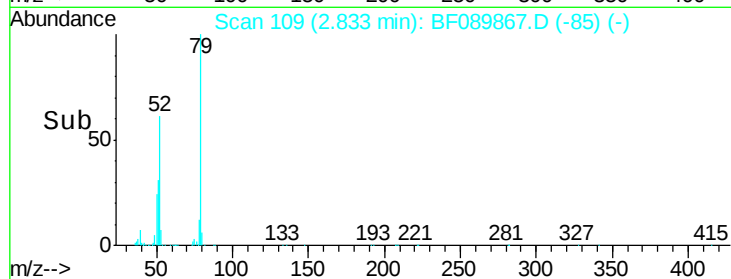
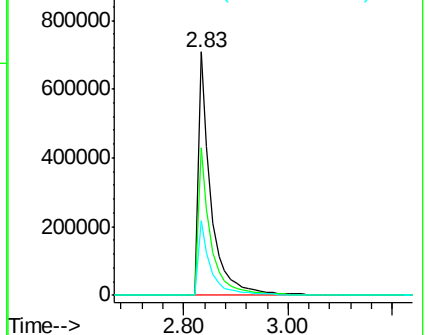
51 30.8 26.6 39.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.47 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

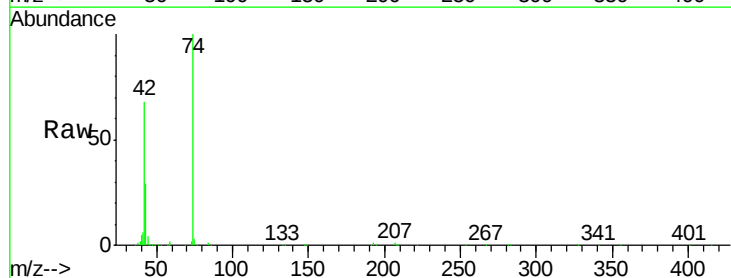
Tgt Ion: 42 Resp: 523476

Ion Ratio Lower Upper

42 100

74 147.4 106.2 159.2

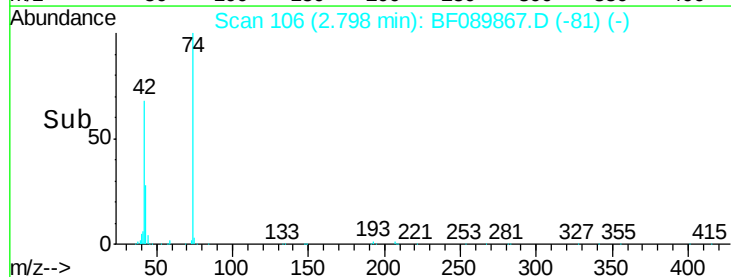
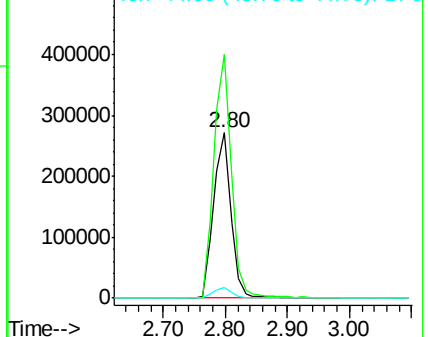
44 6.6 6.9 10.3#

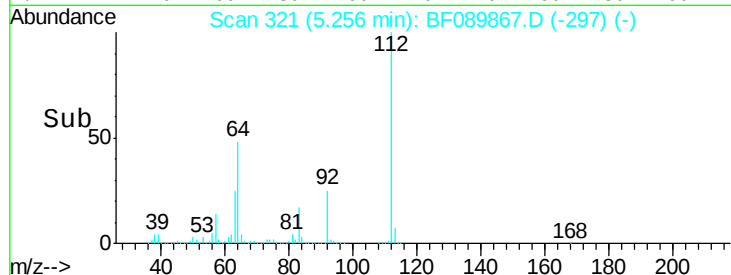
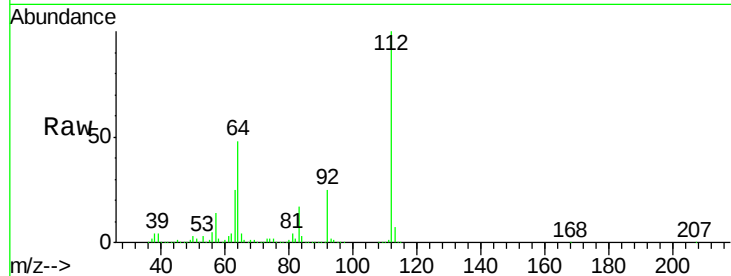
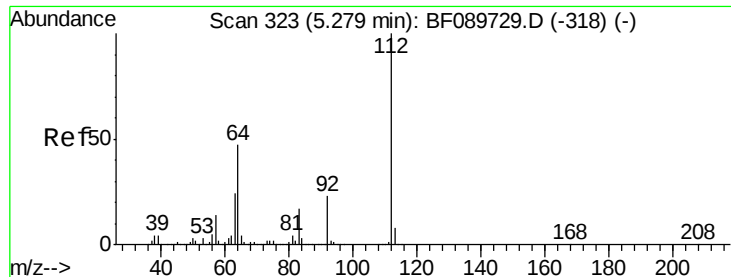


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 131.62 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

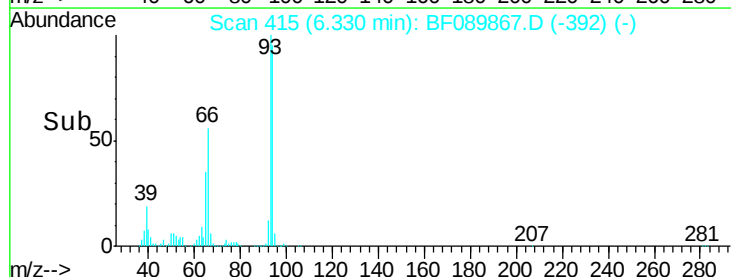
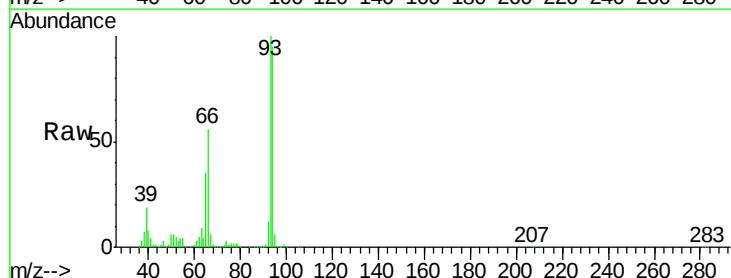
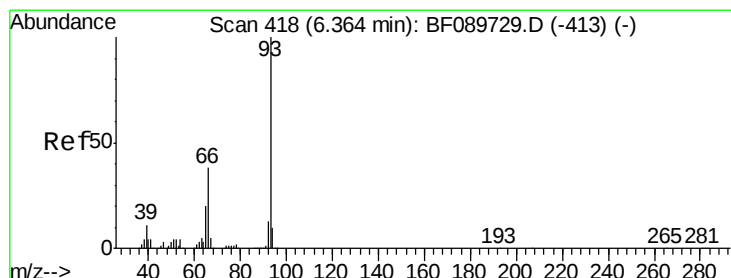
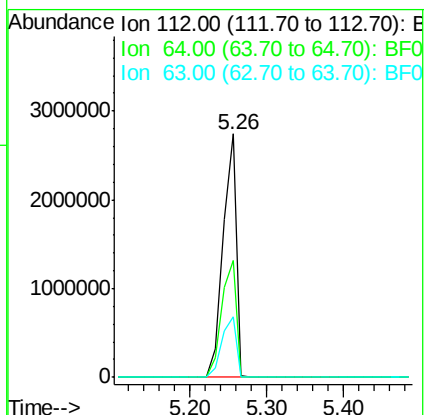
Tot Ion:112 Resp: 3354698

Ion Ratio Lower Upper

112 100

64 47.9 45.0 67.4

63 24.7 23.1 34.7



#6

Aniline

Concen: 23.17 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

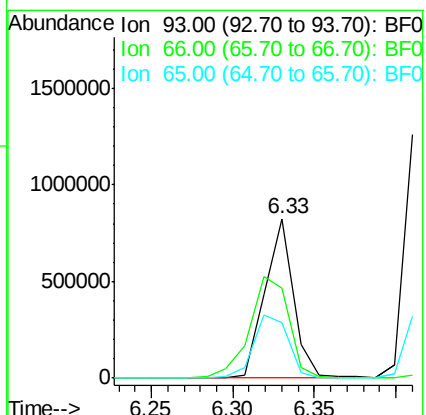
Tgt Ion: 93 Resp: 1009704

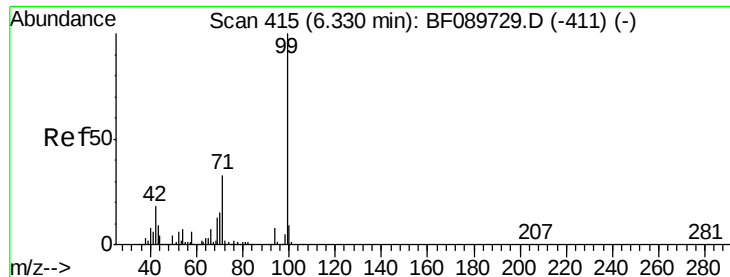
Ion Ratio Lower Upper

93 100

66 56.5 30.6 46.0#

65 34.7 15.4 23.2#





#7

Phenol-d6

Concen: 120.69 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

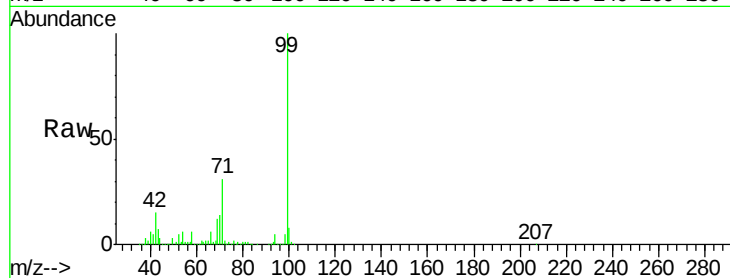
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3912649

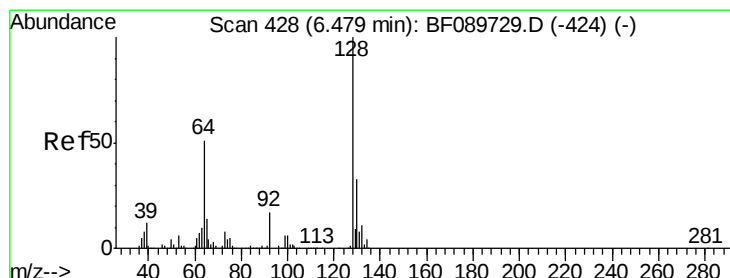
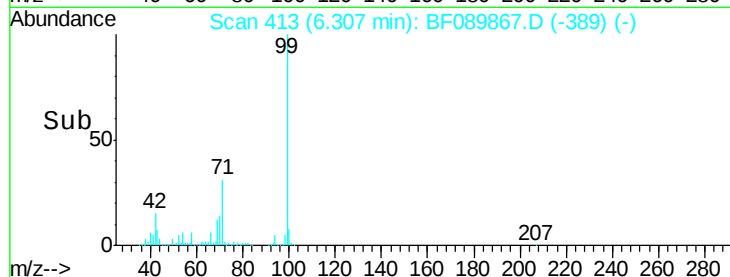
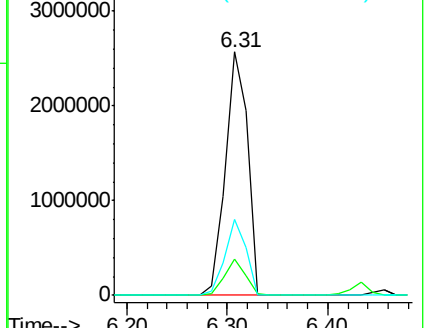
Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.4
71	31.2	23.8	35.8



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: 40.45 ng

RT: 6.46 min Scan# 426

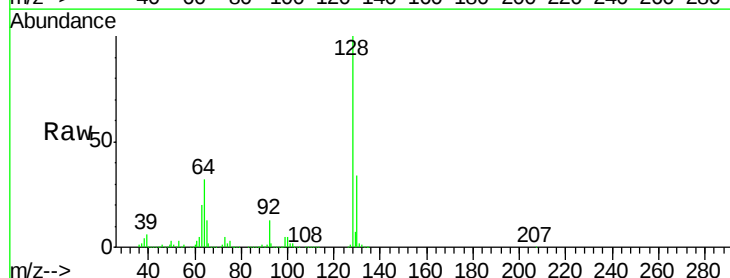
Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Tgt Ion: 128 Resp: 1226300

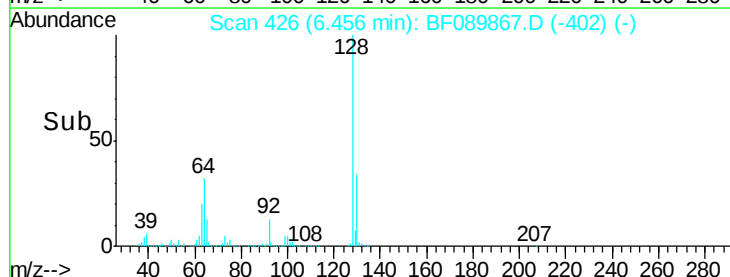
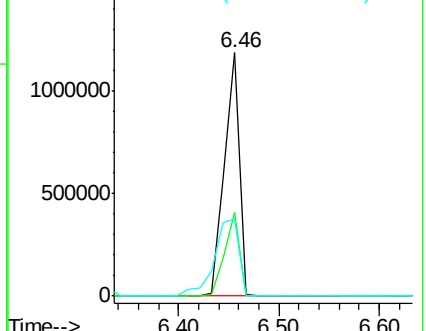
Ion	Ratio	Lower	Upper
128	100		
130	34.3	12.0	52.0
64	31.7	35.1	75.1

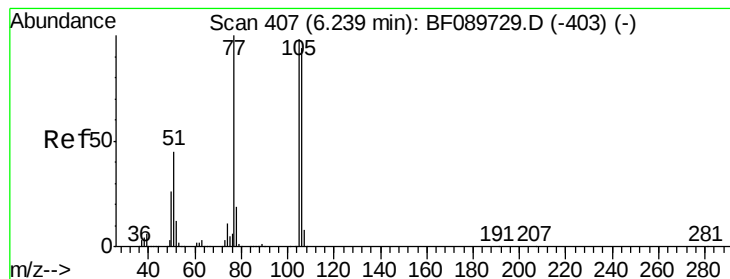


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.76 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

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ClientSampleId :

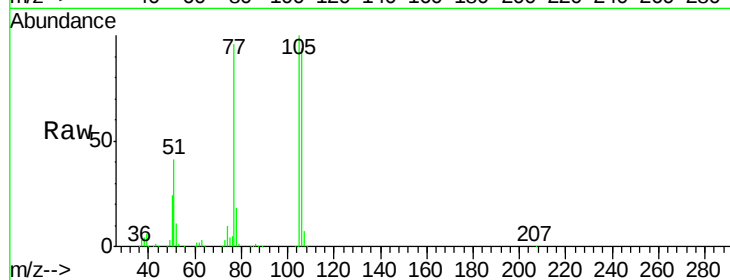
Tot Ion: 77 Resp: 274094

Ion Ratio Lower Upper

77 100

105 104.1 73.3 113.3

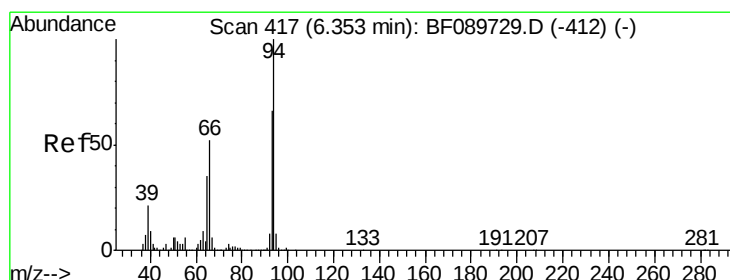
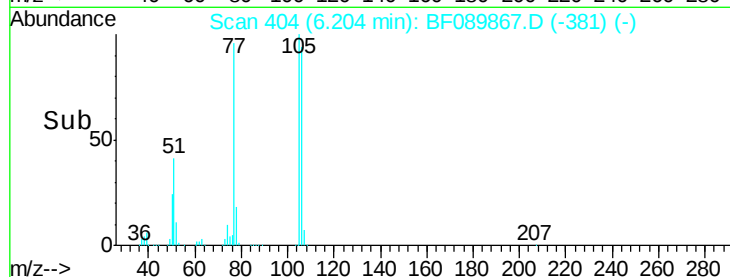
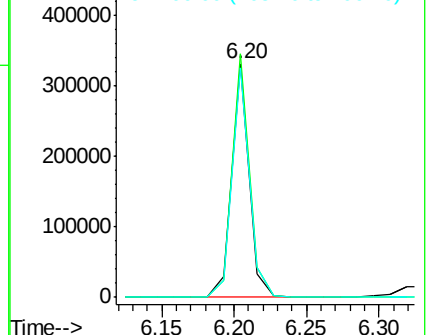
106 98.0 68.6 108.6



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: 30.83 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

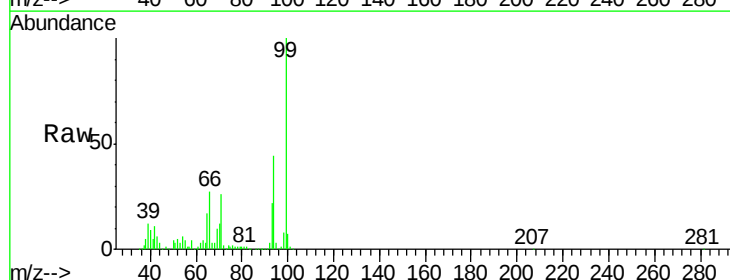
Tgt Ion: 94 Resp: 1244105

Ion Ratio Lower Upper

94 100

65 38.1 14.0 54.0

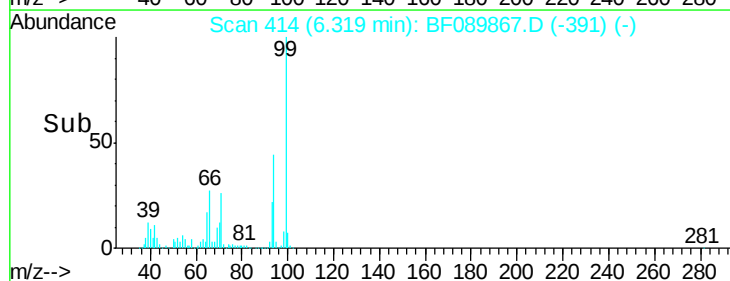
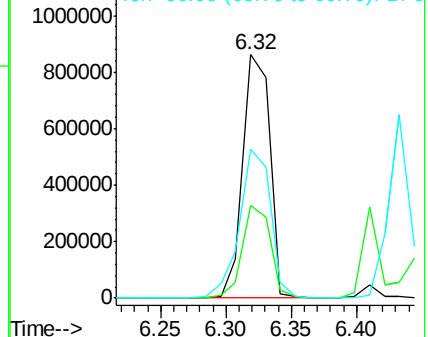
66 60.9 31.2 71.2

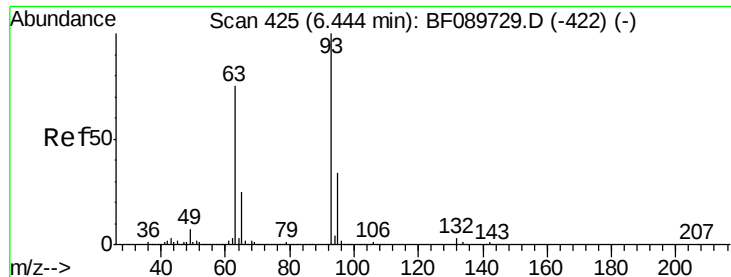


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.90 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

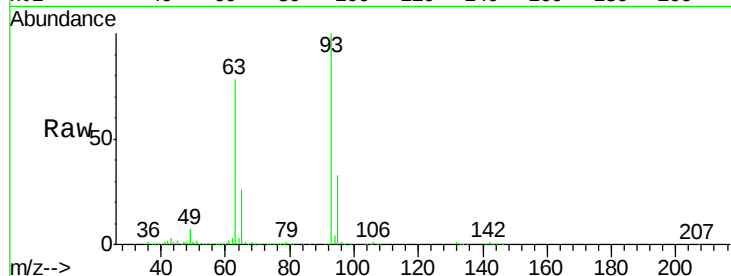
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 1073305

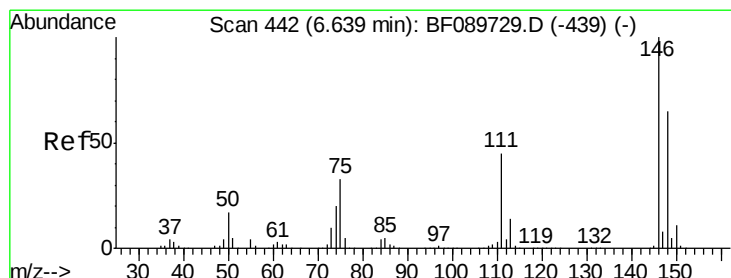
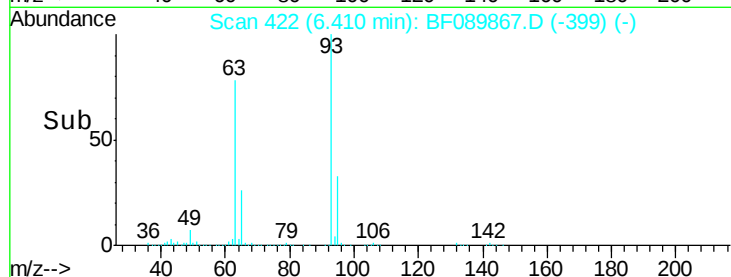
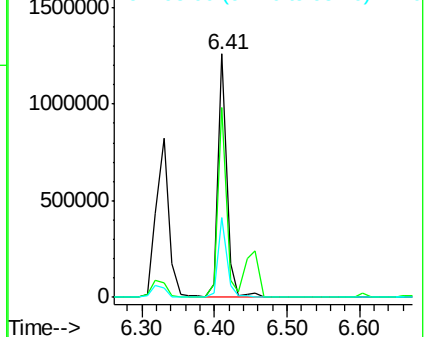
Ion	Ratio	Lower	Upper
93	100		
63	77.8	55.8	95.8
95	32.8	13.0	53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.67 ng

RT: 6.60 min Scan# 439

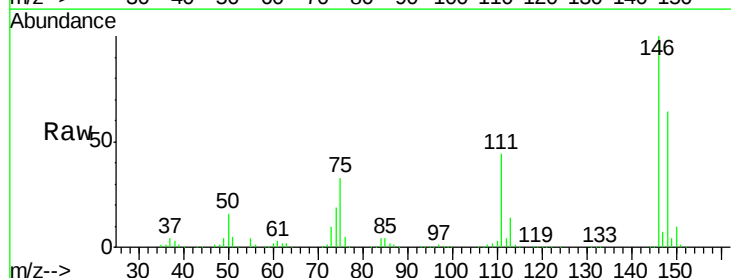
Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Tgt Ion: 146 Resp: 1188183

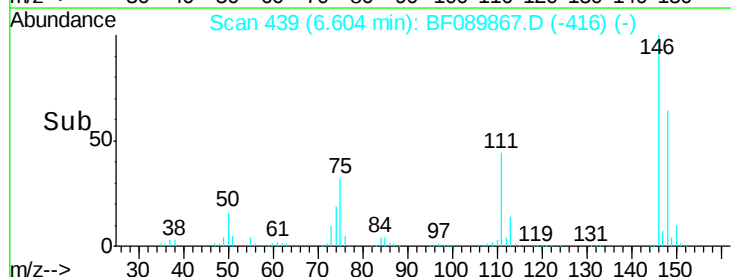
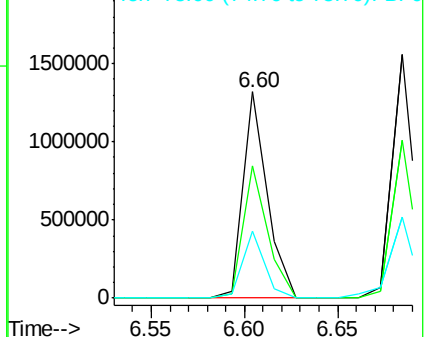
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
75	32.5	27.0	40.6

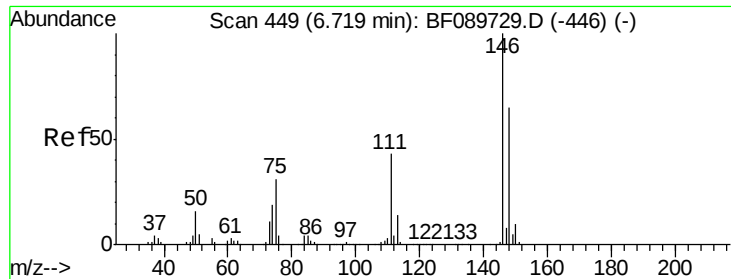


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.42 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

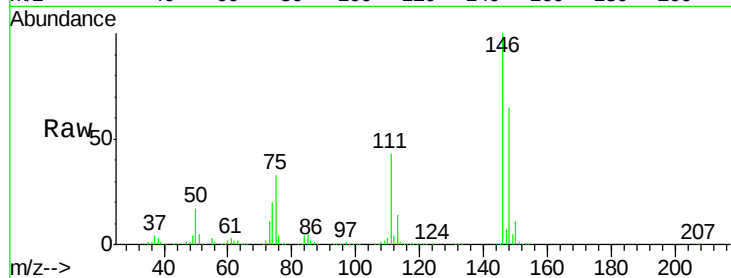
Tot Ion:146 Resp: 1261160

Ion Ratio Lower Upper

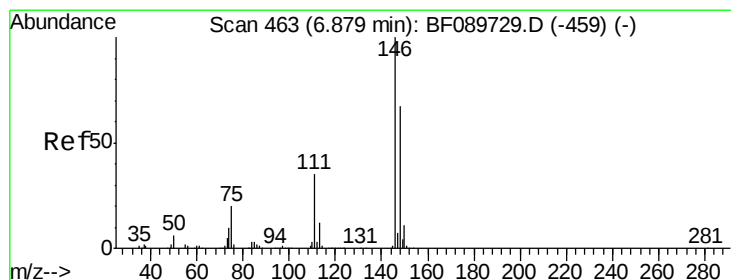
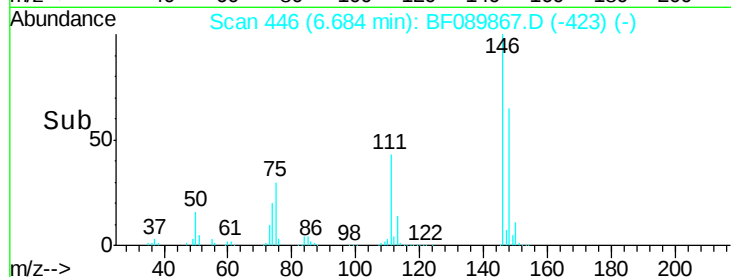
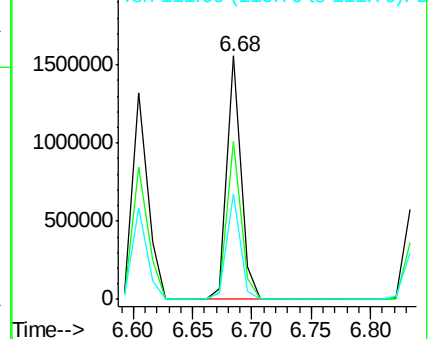
146 100

148 64.8 51.0 76.6

111 43.2 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: 38.72 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

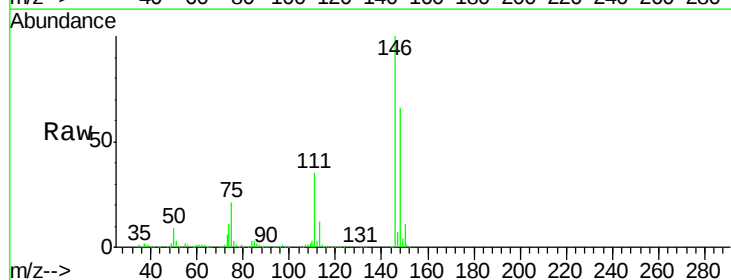
Tgt Ion:146 Resp: 1211988

Ion Ratio Lower Upper

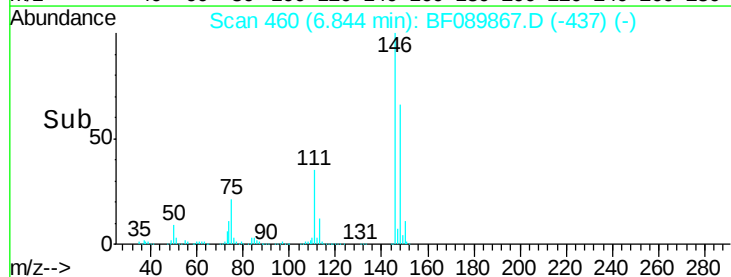
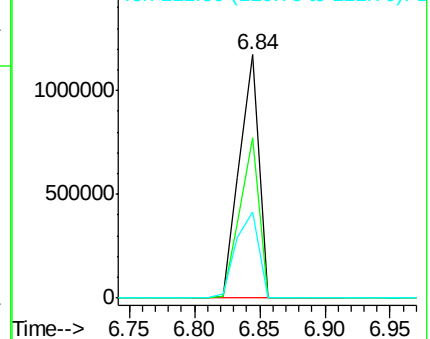
146 100

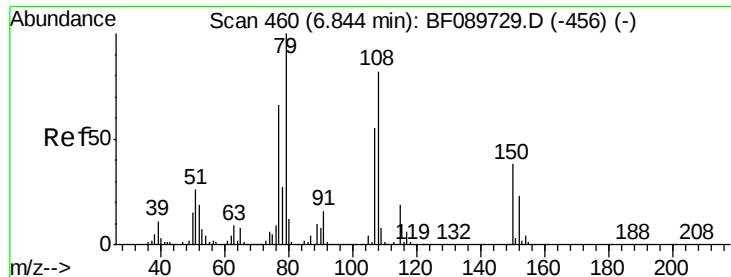
148 65.7 52.2 78.2

111 35.3 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: 43.05 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

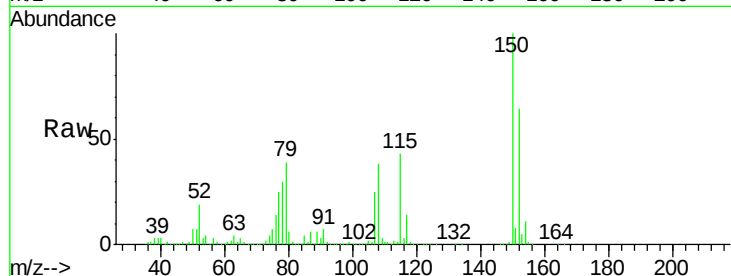
Tot Ion: 79 Resp: 932543

Ion Ratio Lower Upper

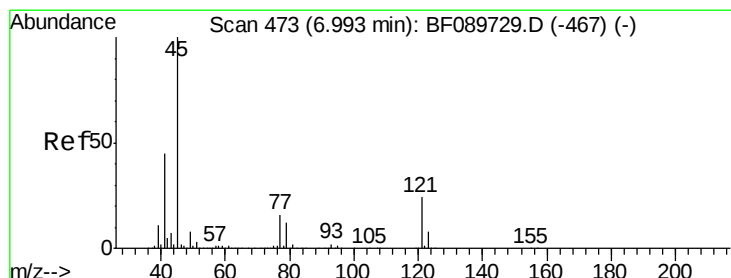
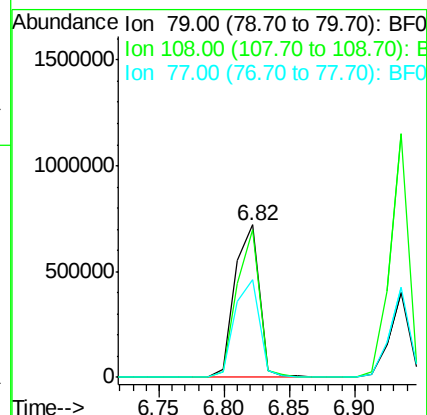
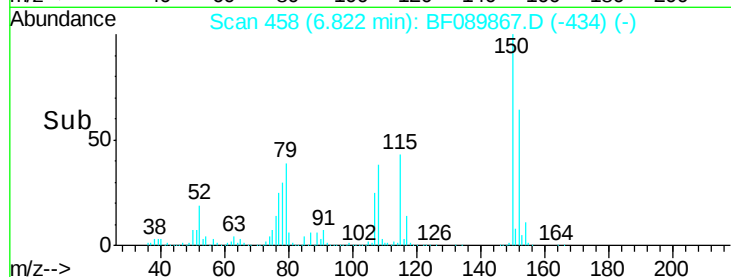
79 100

108 97.2 62.5 93.7#

77 64.4 51.5 77.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.23 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

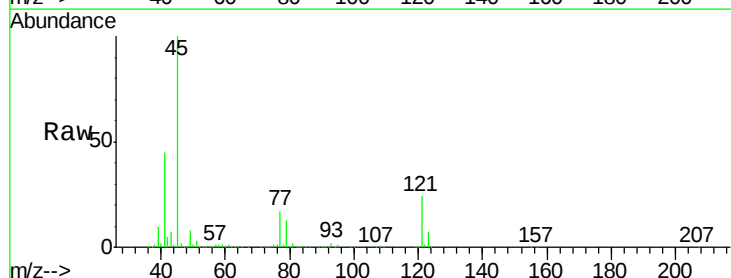
Tgt Ion: 45 Resp: 1264363

Ion Ratio Lower Upper

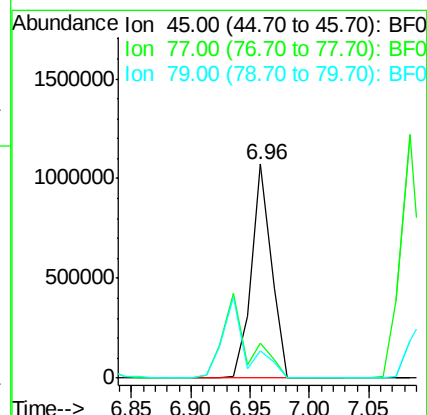
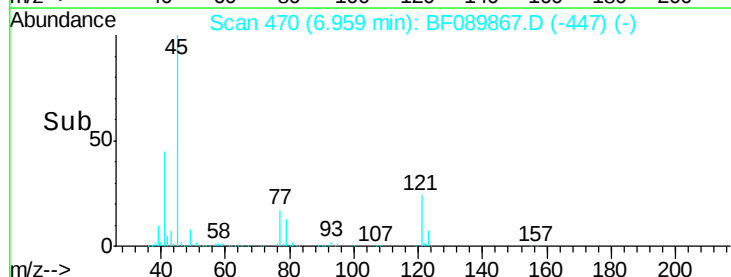
45 100

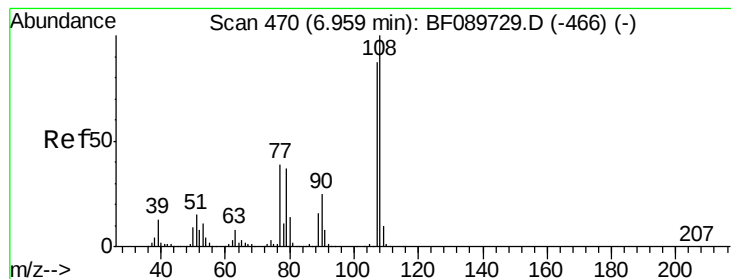
77 16.6 0.0 33.5

79 12.8 0.0 30.7



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.18 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 991792

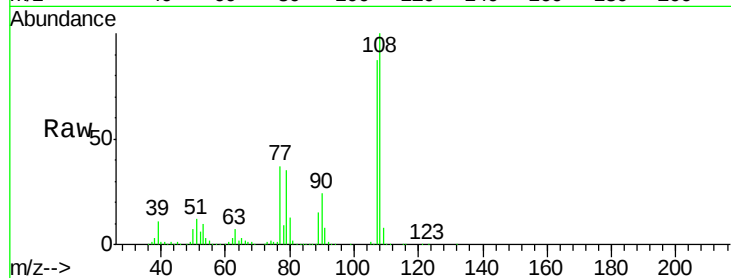
Ion Ratio Lower Upper

107 100

108 114.8 91.0 136.4

77 42.4 37.4 56.0

79 40.3 36.6 55.0

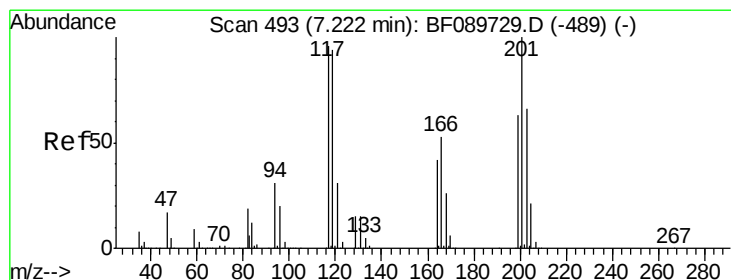
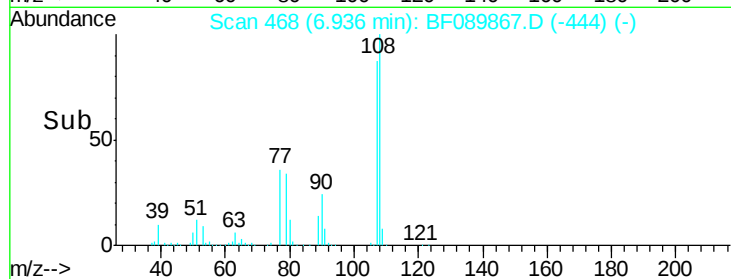
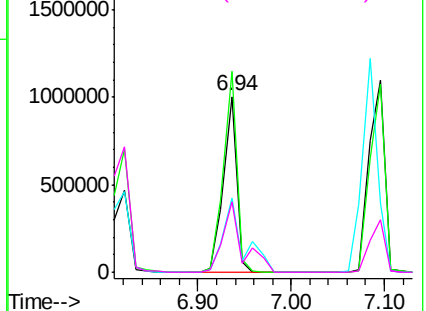


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.75 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

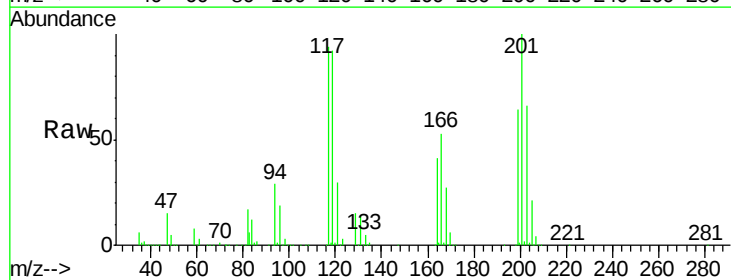
Tgt Ion:117 Resp: 466187

Ion Ratio Lower Upper

117 100

119 97.8 77.1 115.7

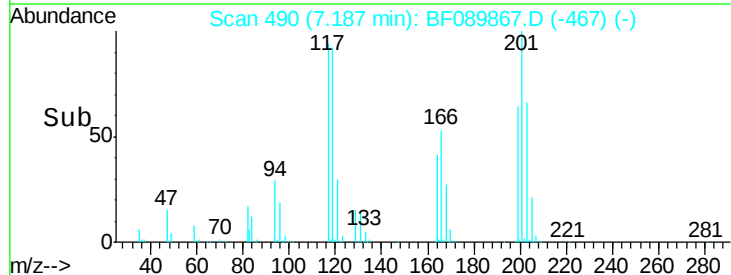
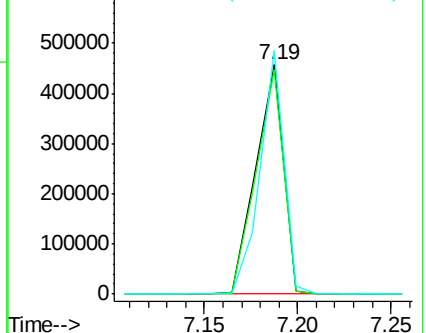
201 106.3 76.9 115.3

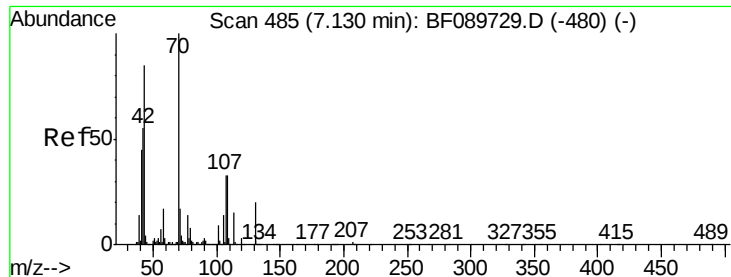


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

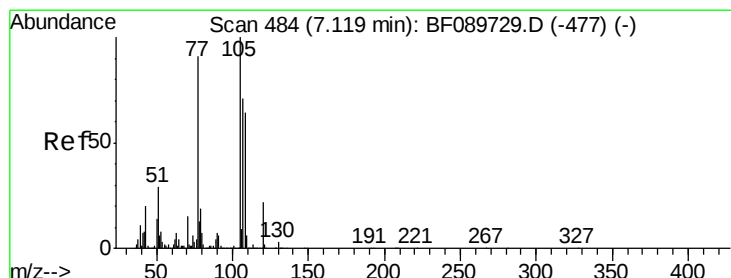
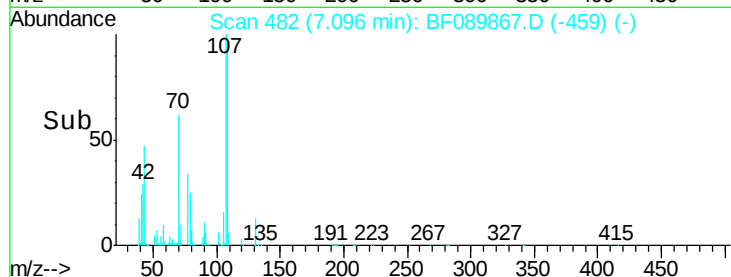
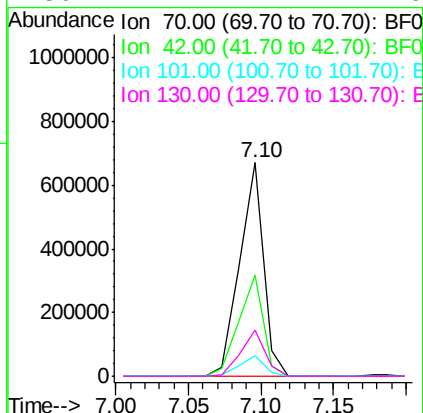
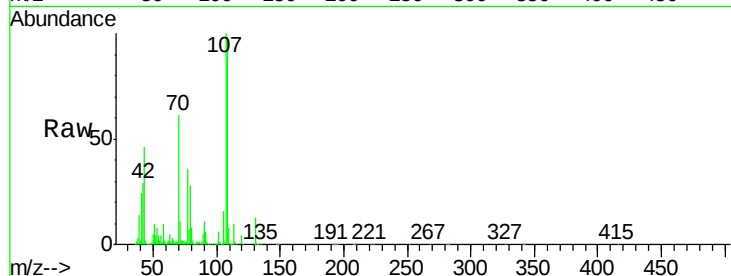




#19
n-Nitroso-di-n-propylamine
Concen: 36.14 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

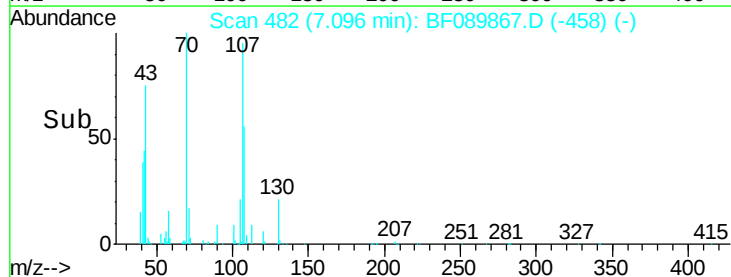
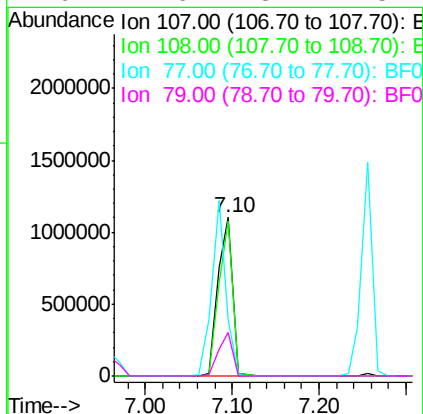
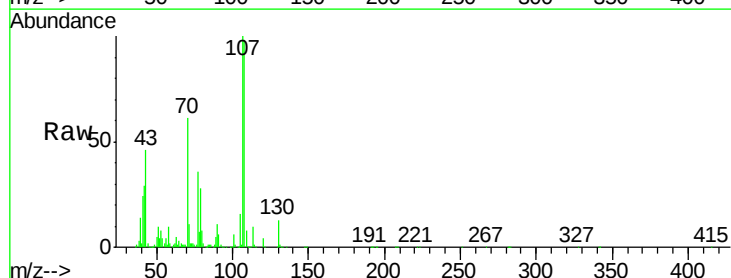
Instrument :
BNA_F
ClientSampleId :

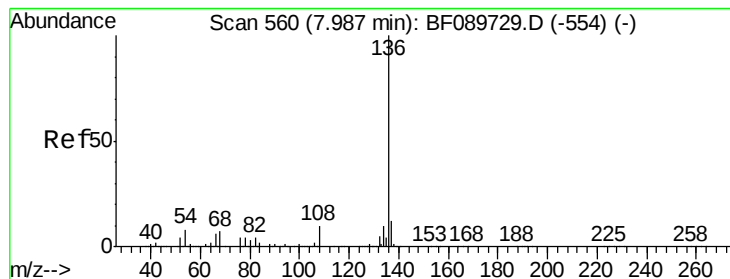
Tot Ion:	70	Resp:	767197
Ion	Ratio	Lower	Upper
70	100		
42	47.5	46.3	69.5
101	9.6	7.0	10.6
130	21.4	14.4	21.6



#20
3+4-Methylphenols
Concen: 42.15 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:	107	Resp:	1300236
Ion	Ratio	Lower	Upper
107	100		
108	97.8	68.2	108.2
77	35.7	122.3	162.3#
79	27.6	8.2	48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1656530

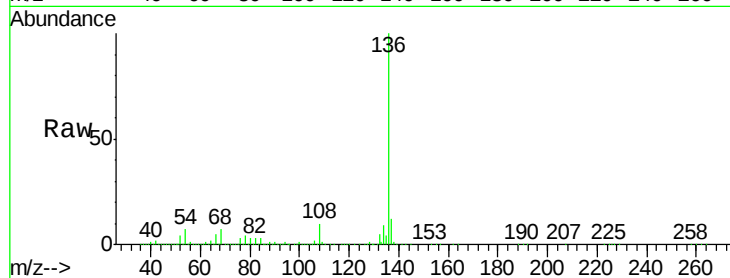
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 7.3 7.2 10.8

68 6.5 5.8 8.8

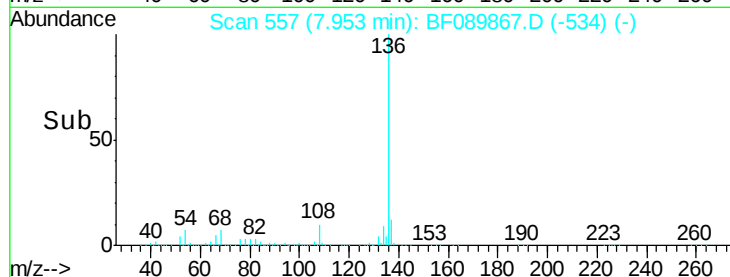


Abundance Ion 136.00 (135.70 to 136.70): E

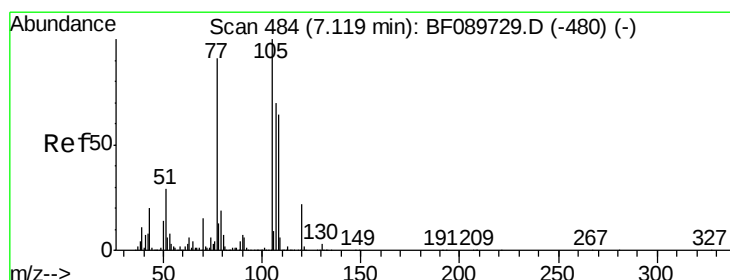
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.91 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Tgt Ion:105 Resp: 1421108

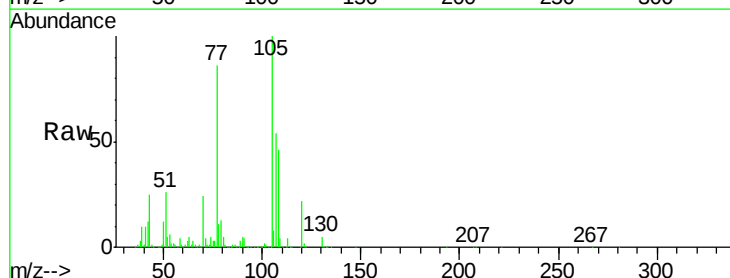
Ion Ratio Lower Upper

105 100

71 3.9 1.9 2.9#

51 26.4 28.5 42.7#

120 22.2 16.6 25.0

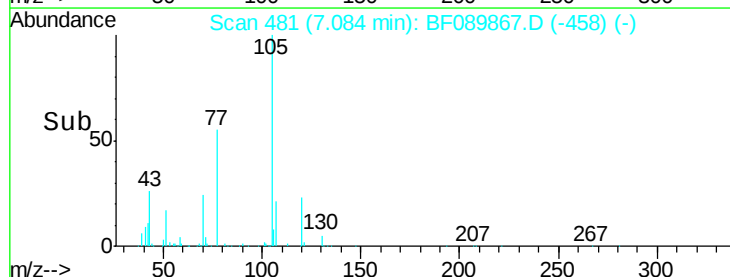


Abundance Ion 105.00 (104.70 to 105.70): E

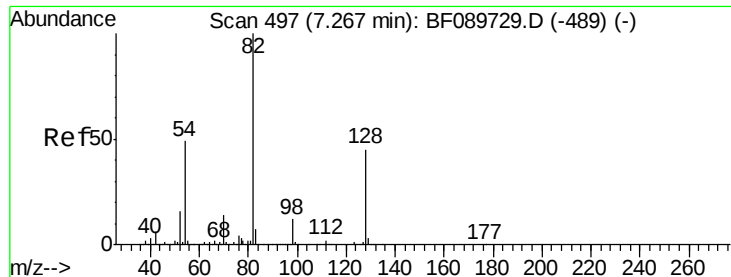
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 87.14 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

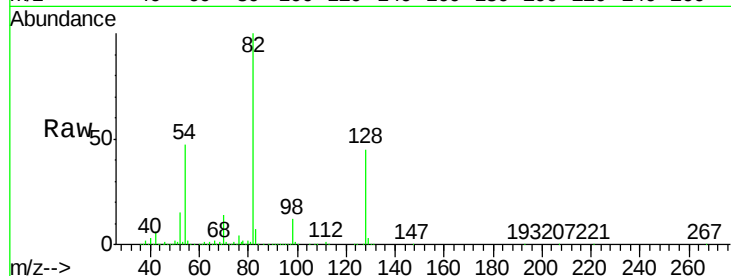
Tot Ion: 82 Resp: 2364018

Ion Ratio Lower Upper

82 100

128 45.5 34.4 51.6

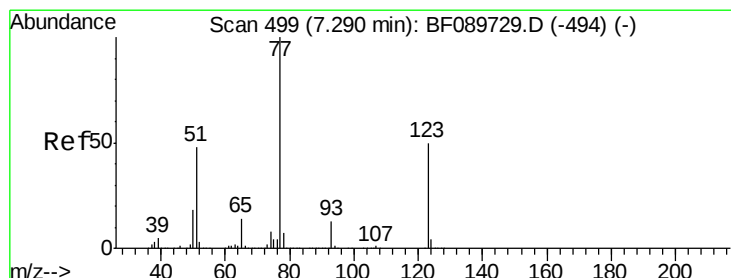
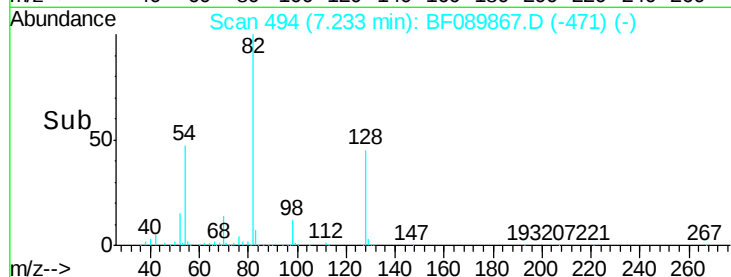
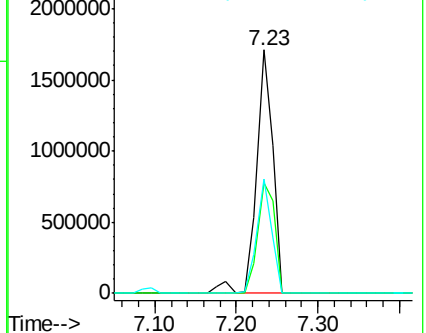
54 47.1 40.3 60.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.26 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

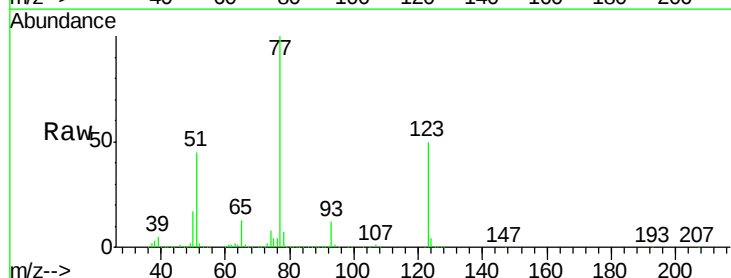
Tgt Ion: 77 Resp: 1289548

Ion Ratio Lower Upper

77 100

123 49.5 36.2 54.2

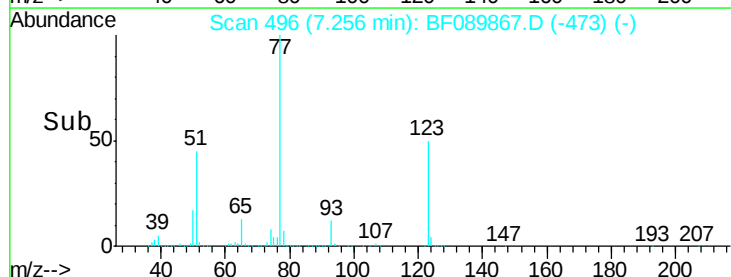
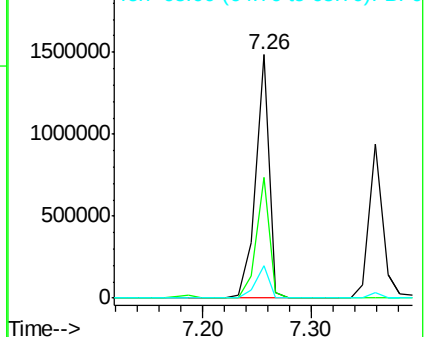
65 13.4 10.6 15.8

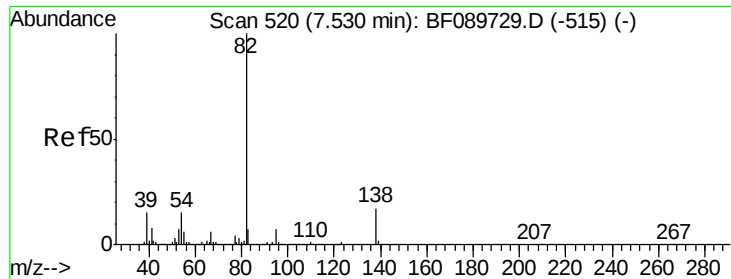


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

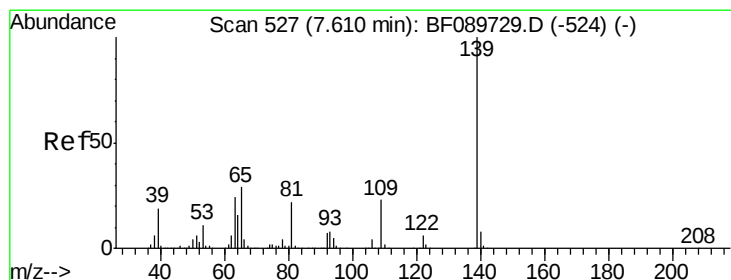
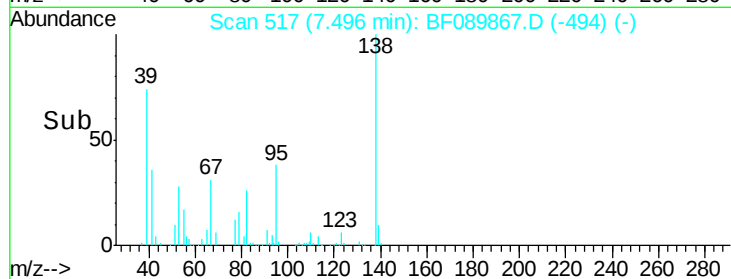
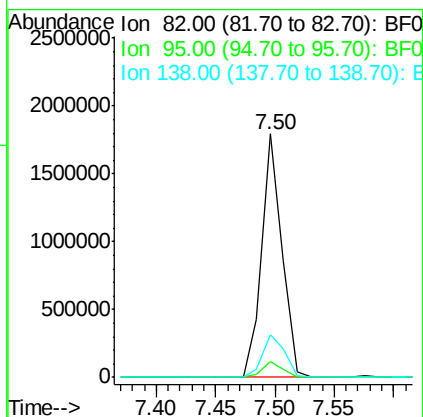
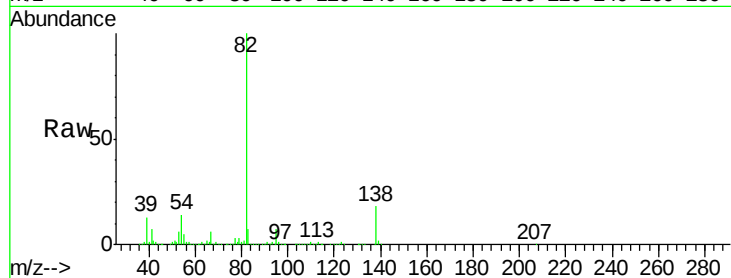




#25
Isophorone
Concen: 39.54 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.03 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

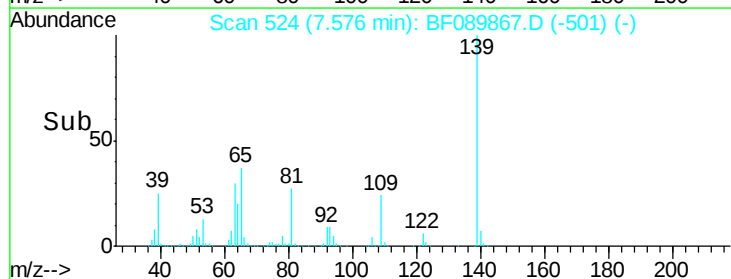
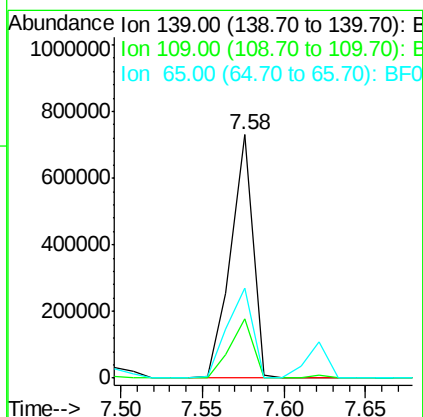
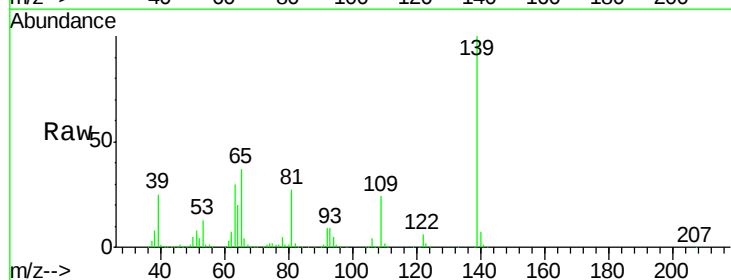
Instrument :
BNA_F
ClientSampled :

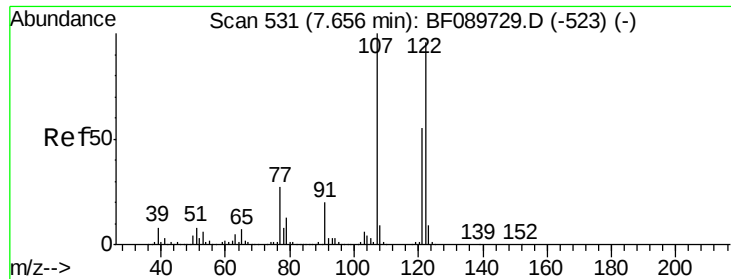
Tot Ion: 82 Resp: 2146174
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 17.6 13.0 19.4



#26
2-Nitrophenol
Concen: 47.86 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:139 Resp: 687281
Ion Ratio Lower Upper
139 100
109 24.2 19.5 29.3
65 37.1 26.5 39.7





#27

2,4-Dimethylphenol

Concen: 42.90 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

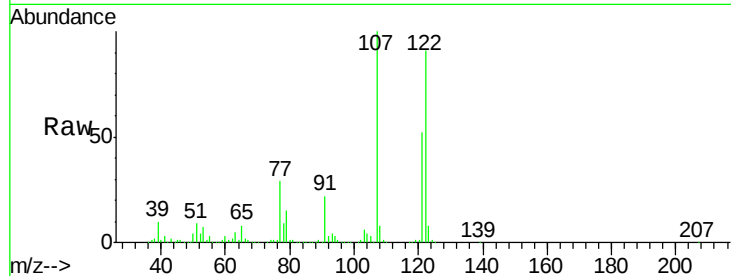
Tot Ion:122 Resp: 1167686

Ion Ratio Lower Upper

122 100

107 109.6 84.8 127.2

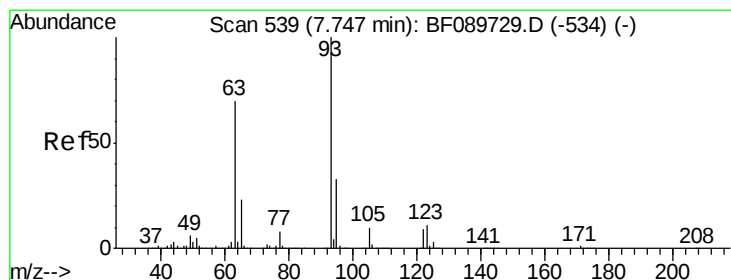
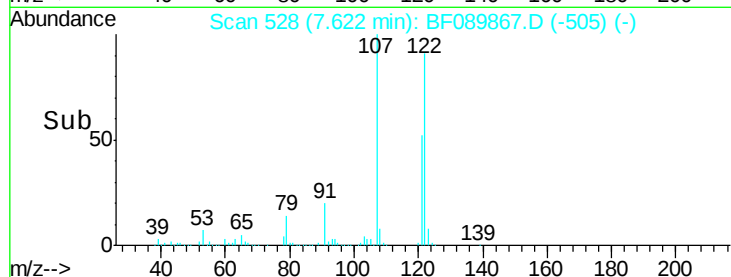
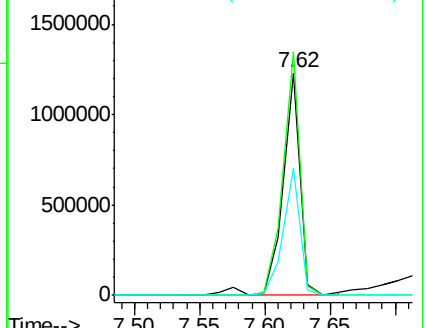
121 57.2 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.99 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

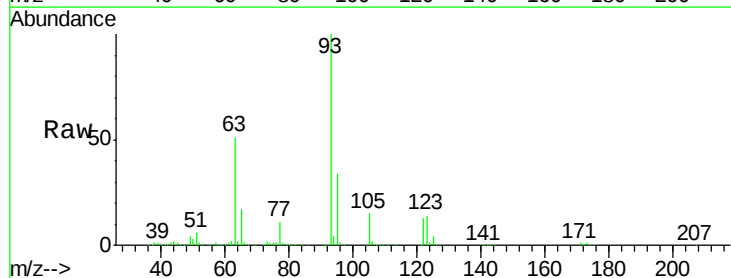
Tgt Ion: 93 Resp: 1417884

Ion Ratio Lower Upper

93 100

95 34.0 25.5 38.3

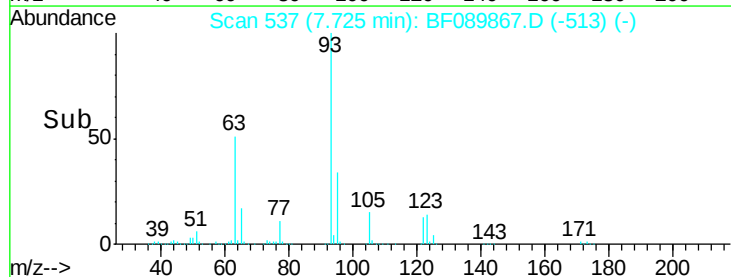
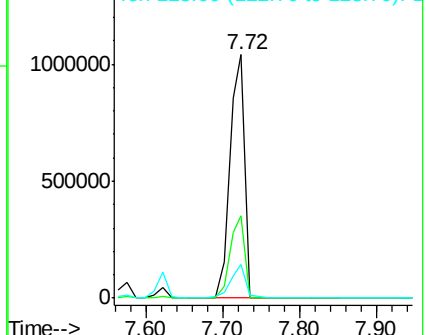
123 14.1 8.5 12.7#

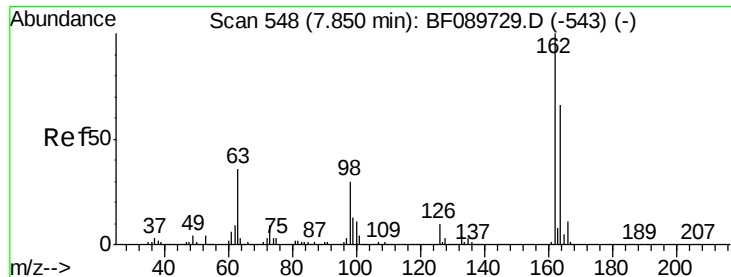


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

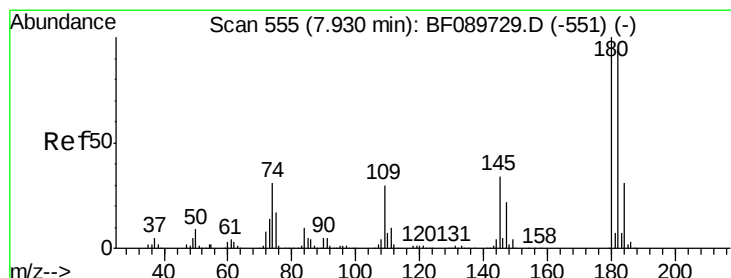
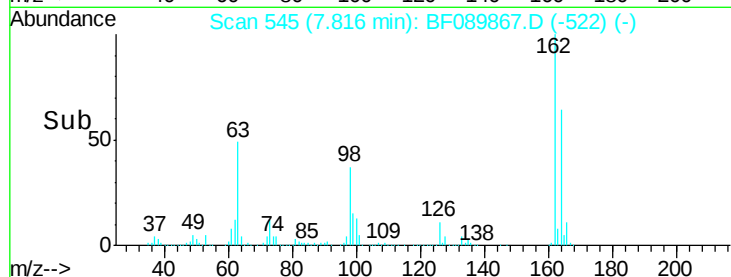
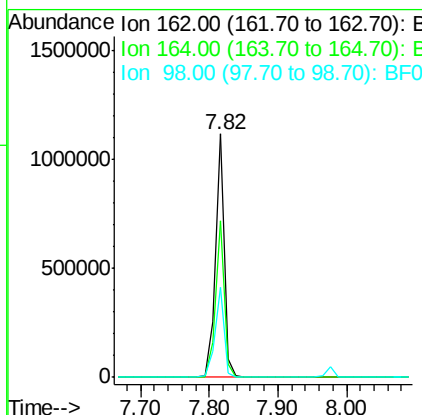
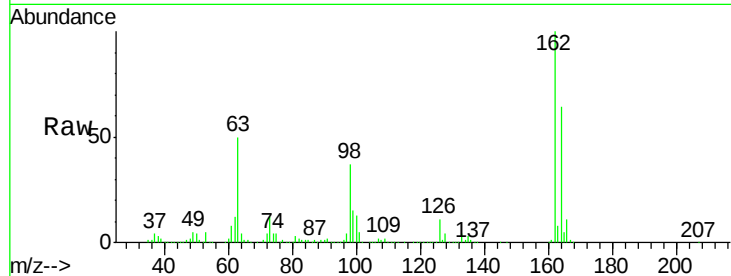




#29
 2,4-Dichlorophenol
 Concen: 44.92 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.03 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

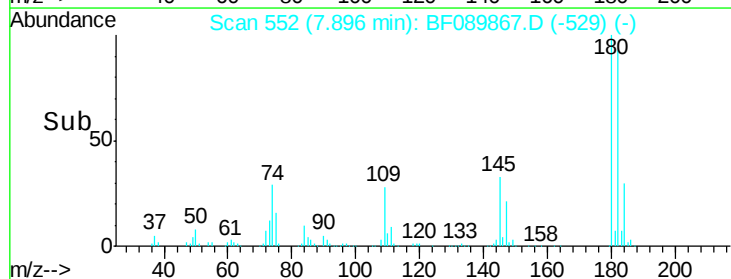
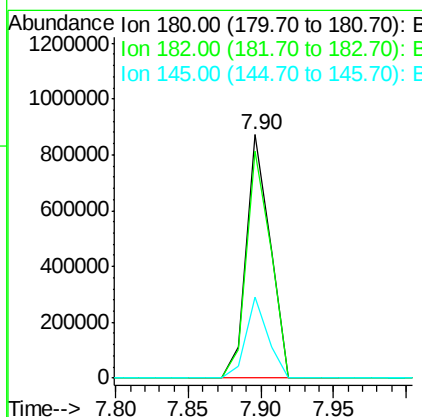
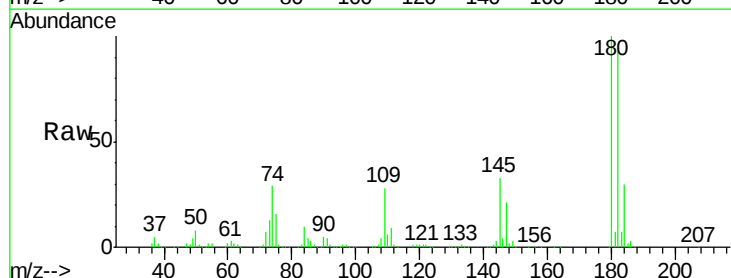
Instrument :
 BNA_F
 ClientSampled :

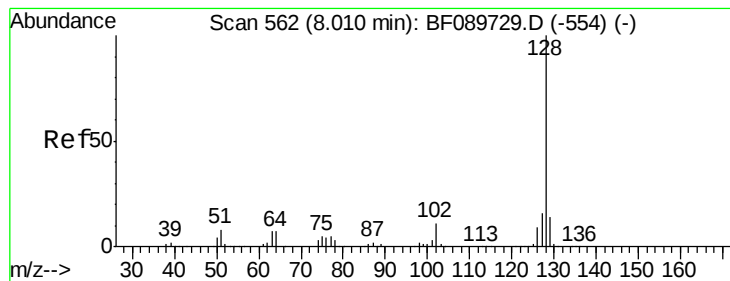
Tot Ion:162 Resp: 1017961
 Ion Ratio Lower Upper
 162 100
 164 64.2 45.5 85.5
 98 37.0 12.4 52.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.61 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.03 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion:180 Resp: 987756
 Ion Ratio Lower Upper
 180 100
 182 93.1 75.5 113.3
 145 33.1 28.7 43.1





#31

Naphthalene

Concen: 42.25 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

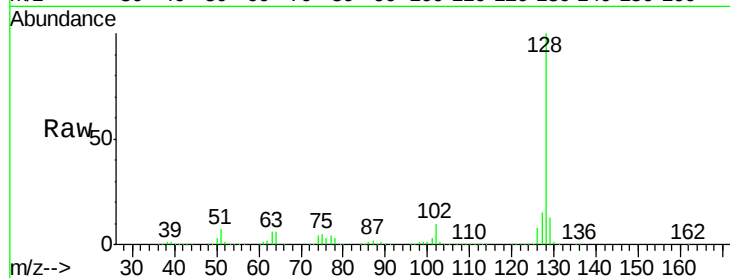
Tot Ion:128 Resp: 3141666

Ion Ratio Lower Upper

128 100

129 12.5 9.5 14.3

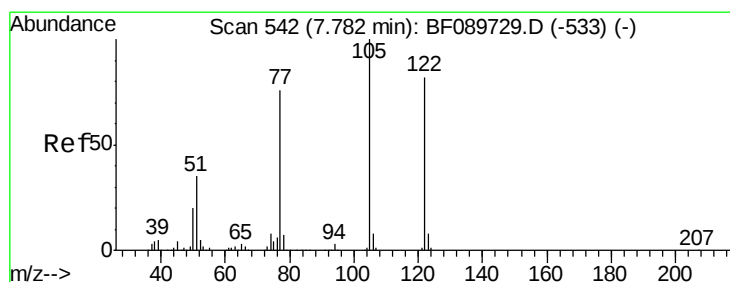
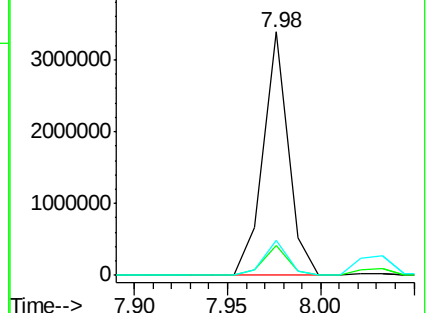
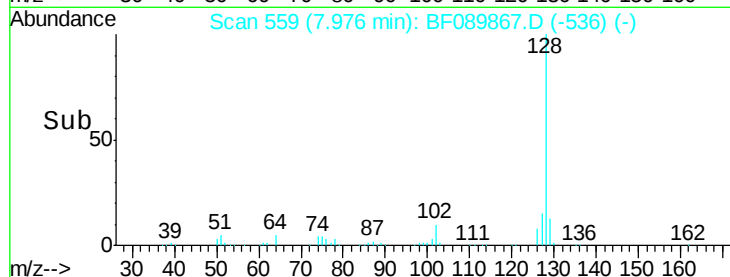
127 14.5 11.3 16.9



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: 24.22 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.05 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

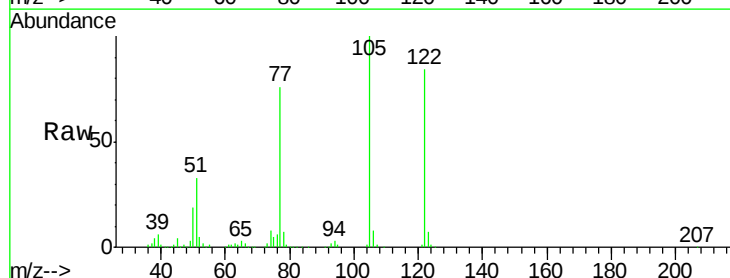
Tgt Ion:122 Resp: 512554

Ion Ratio Lower Upper

122 100

105 119.2 100.8 140.8

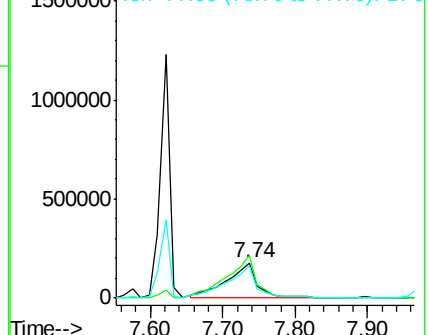
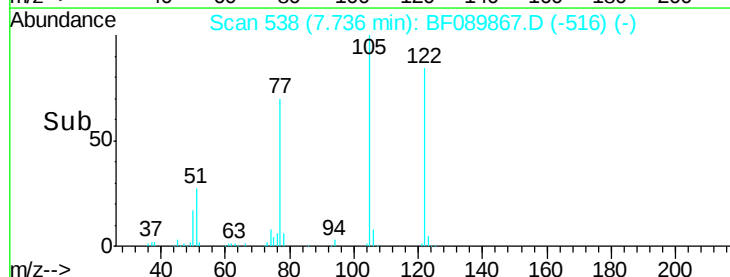
77 91.1 72.1 112.1

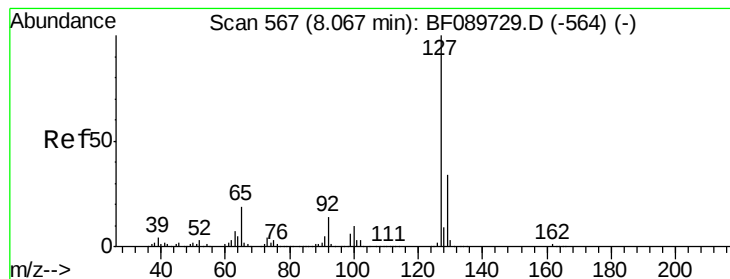


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.63 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 400199

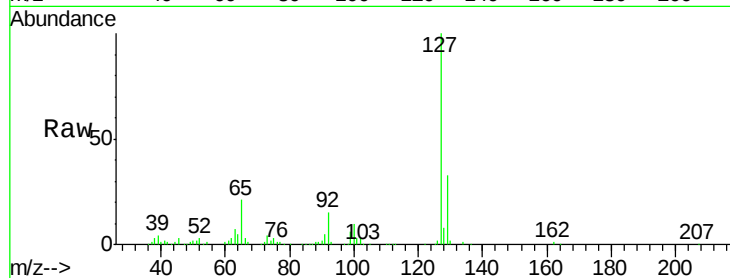
Ion Ratio Lower Upper

127 100

129 32.8 27.0 40.6

65 20.7 14.7 22.1

92 14.9 11.7 17.5

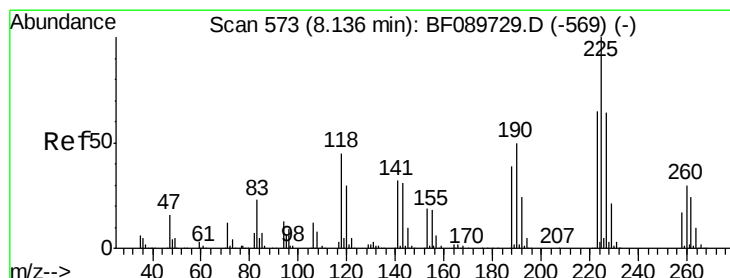
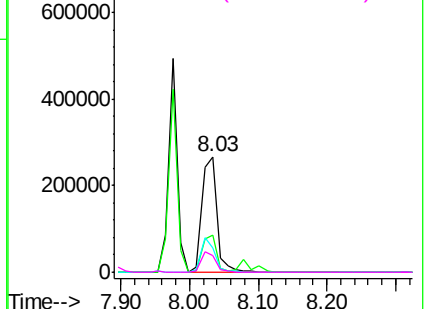
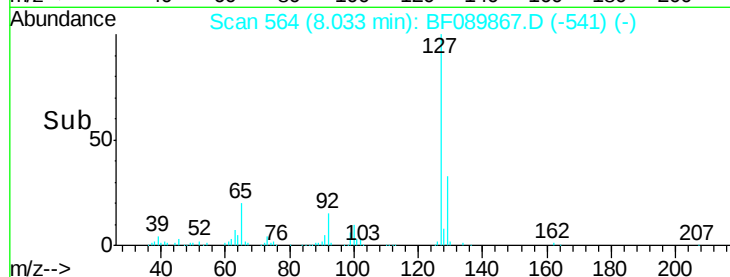


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.14 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

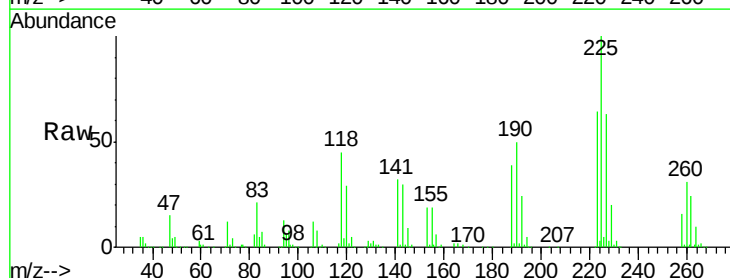
Tgt Ion:225 Resp: 512916

Ion Ratio Lower Upper

225 100

223 64.2 51.0 76.6

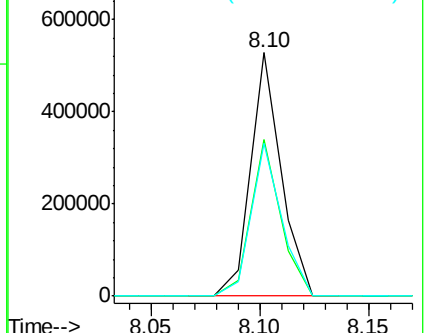
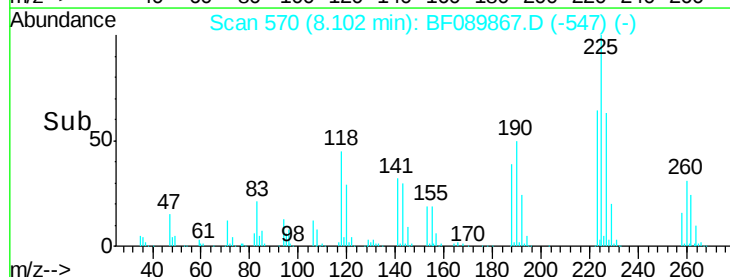
227 62.9 49.8 74.6

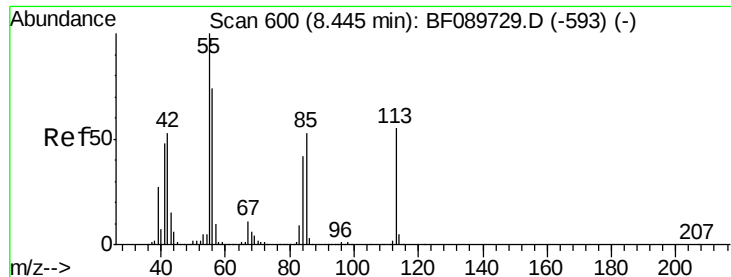


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.43 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

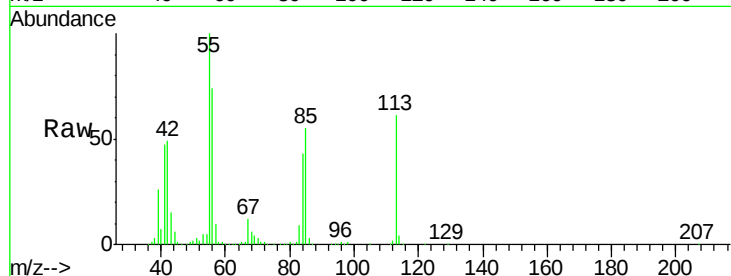
Tot Ion:113 Resp: 212543

Ion Ratio Lower Upper

113 100

55 164.9 135.9 175.9

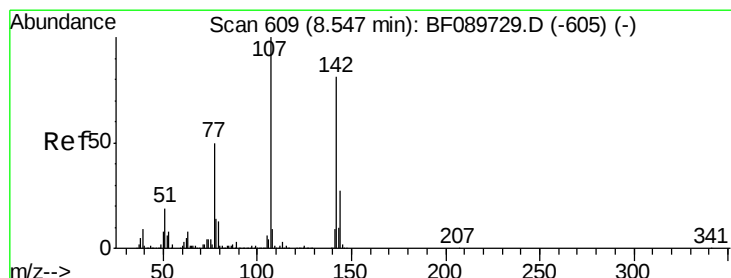
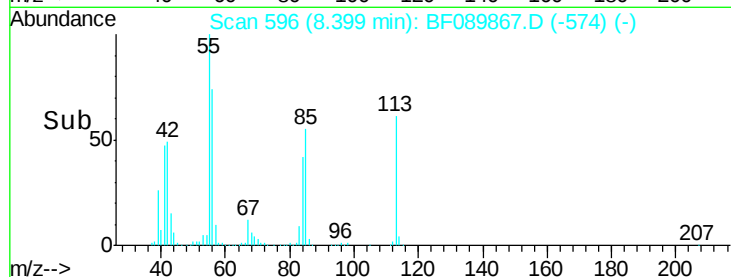
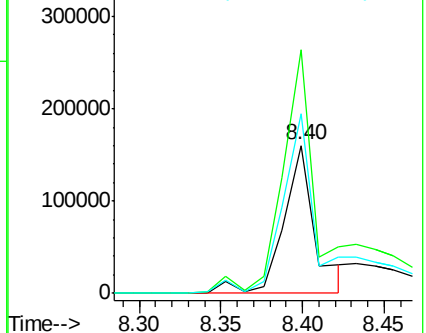
56 121.8 93.9 133.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.45 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

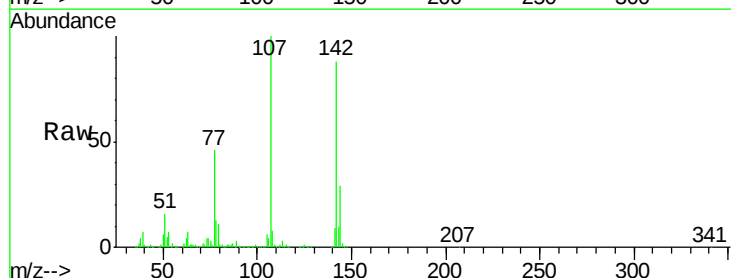
Tgt Ion:107 Resp: 1096431

Ion Ratio Lower Upper

107 100

144 28.7 22.6 34.0

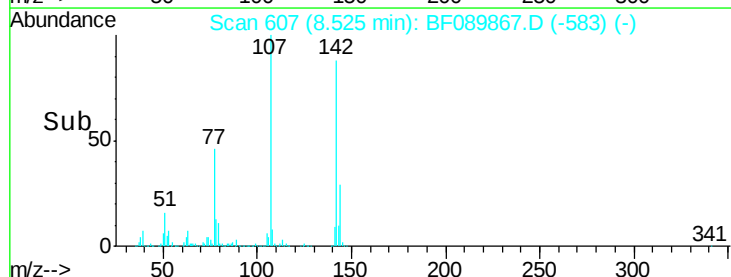
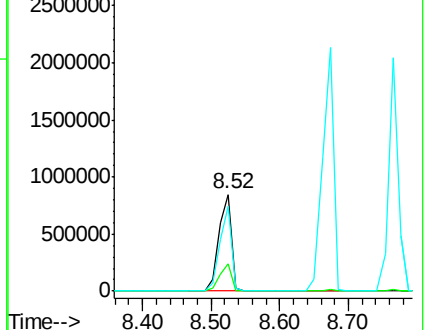
142 88.0 69.3 103.9

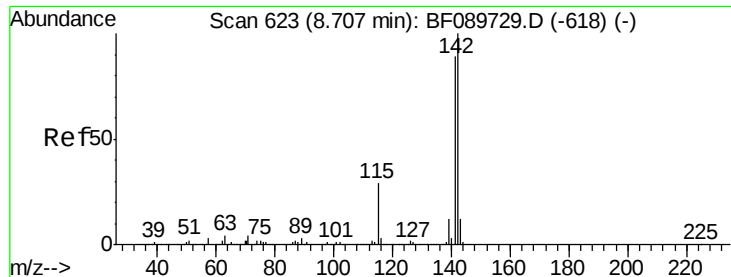


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

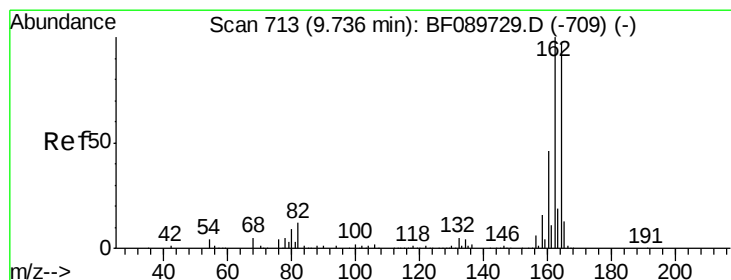
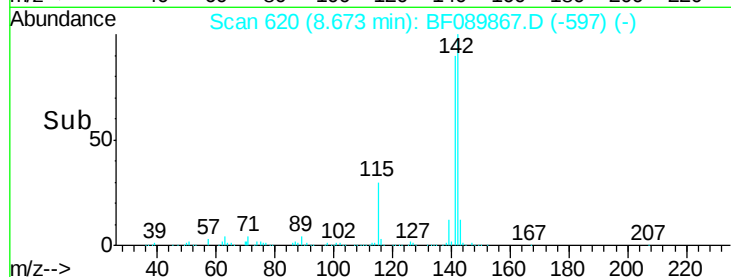
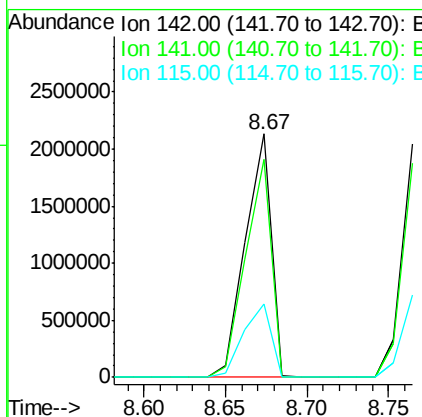
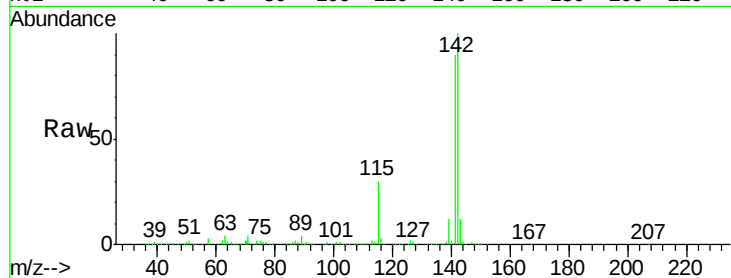




#37
2-Methylnaphthalene
Concen: 46.39 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

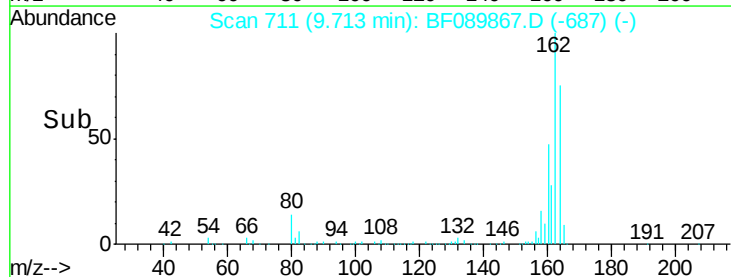
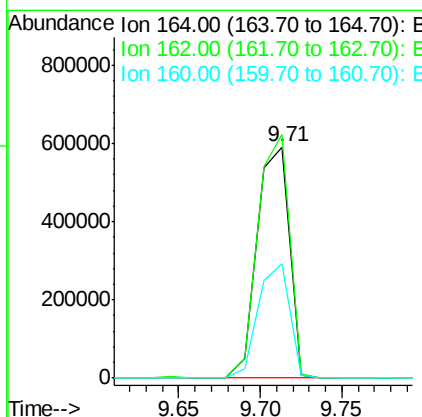
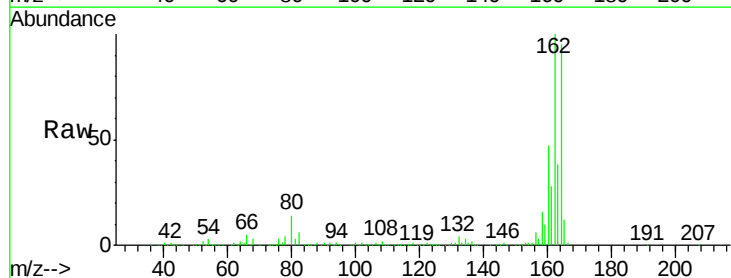
Instrument :
BNA_F
ClientSampleId :

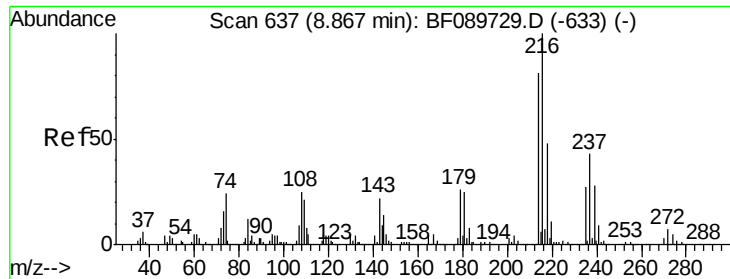
Tot Ion:142 Resp: 2347718
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.2
115 29.9 22.7 34.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:164 Resp: 812472
Ion Ratio Lower Upper
164 100
162 105.3 81.4 122.2
160 49.5 37.8 56.6

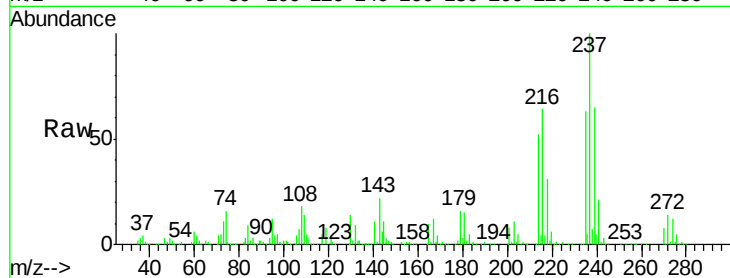




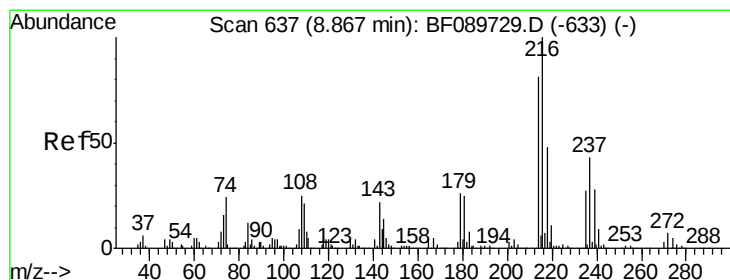
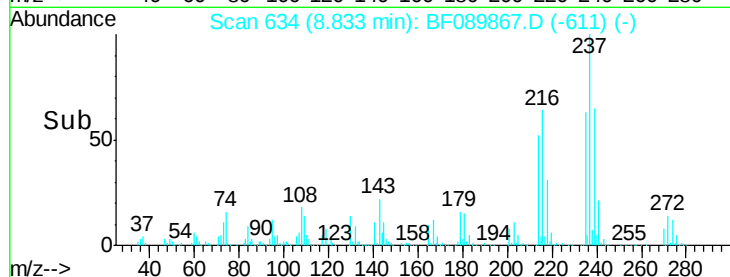
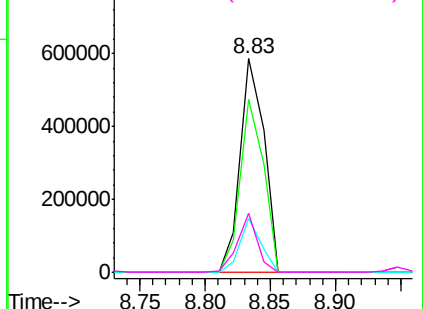
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.57 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.03 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	746150
Ion Ratio	Lower	Upper
216	100	
214	79.0	63.5 95.3
179	21.9	19.9 29.9
108	22.9	19.9 29.9

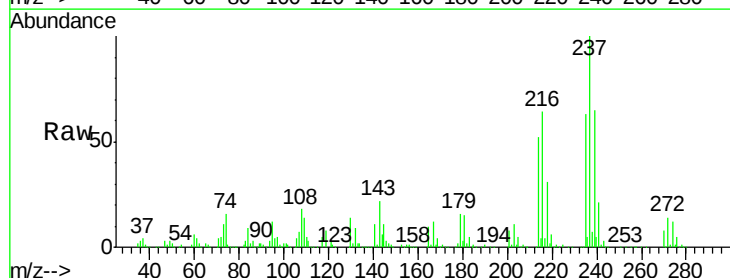


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

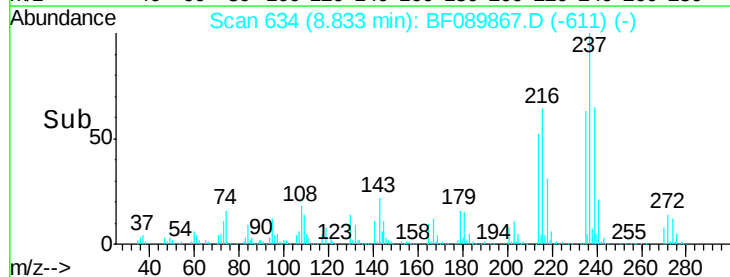
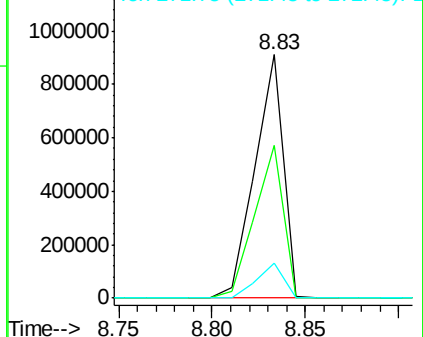


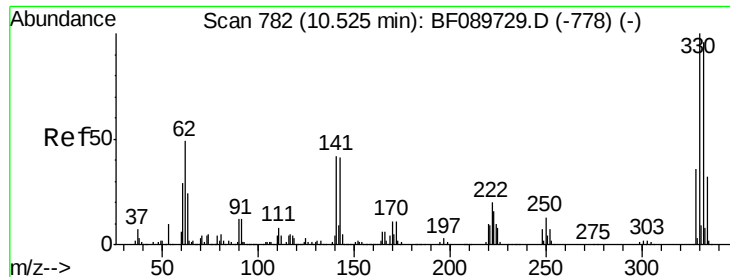
#40
 Hexachlorocyclopentadiene
 Concen: 82.12 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.03 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion:237	Resp:	955879
Ion Ratio	Lower	Upper
237	100	
235	62.9	43.7 83.7
272	14.5	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

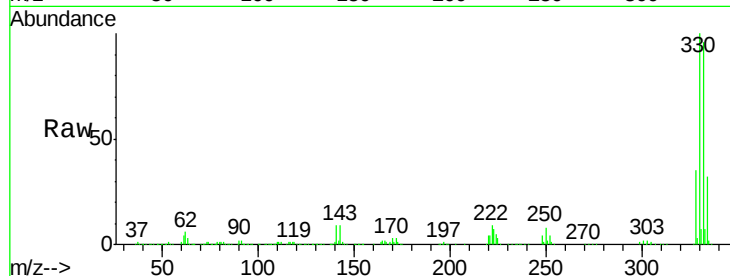




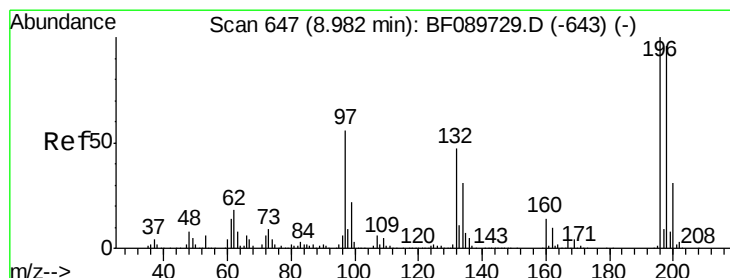
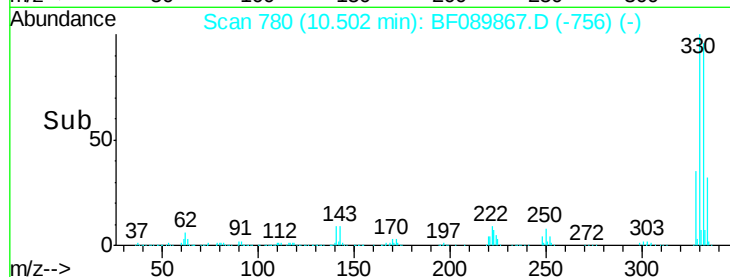
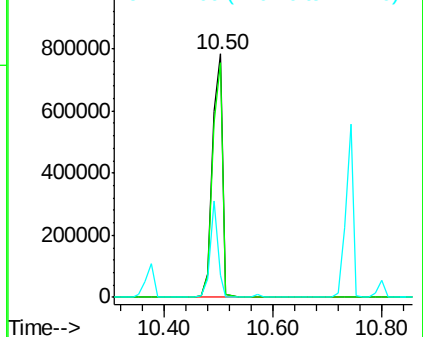
#41
 2,4,6-Tribromophenol
 Concen: 130.34 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.02 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 1024480
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.7 115.1
 141 30.6 30.2 45.2

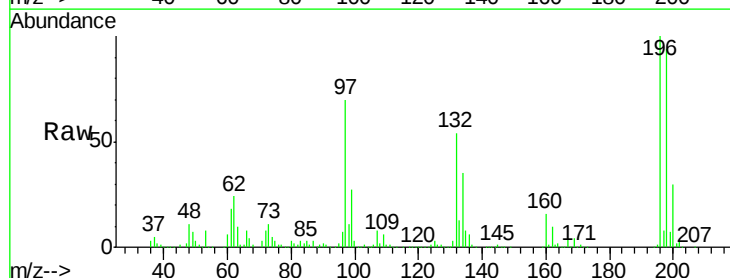


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

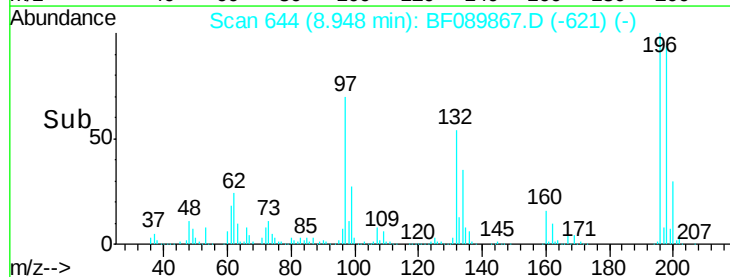
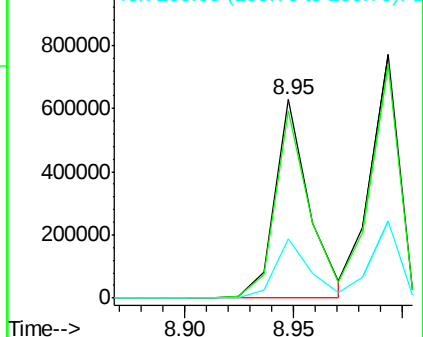


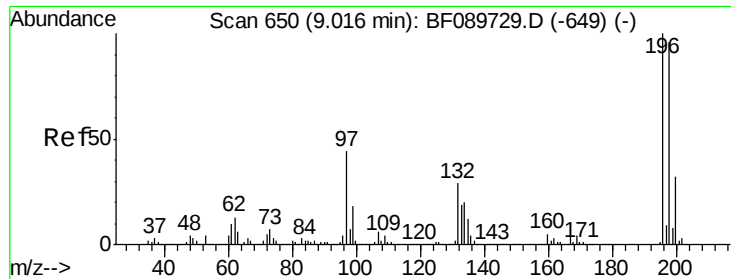
#42
 2,4,6-Trichlorophenol
 Concen: 40.83 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion:196 Resp: 688856
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.3 114.5
 200 29.6 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

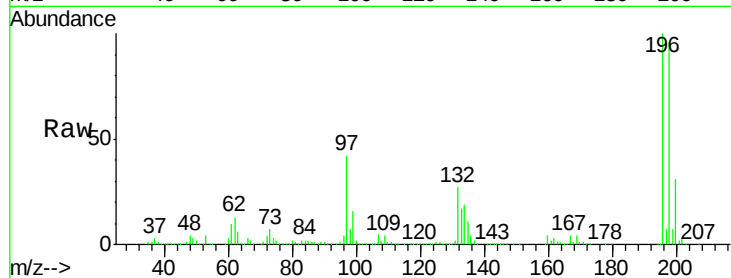




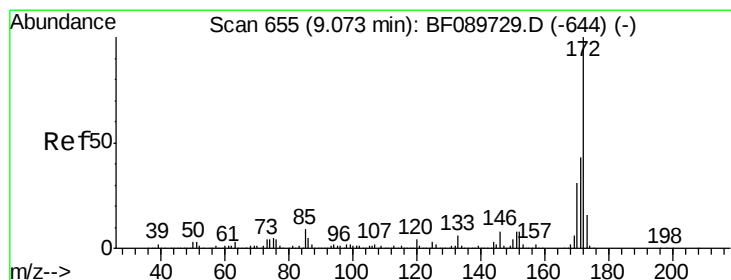
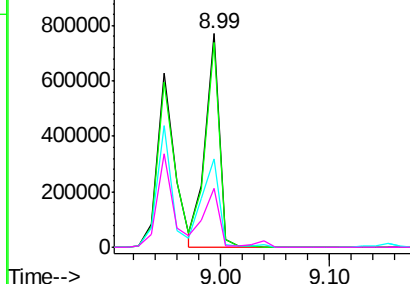
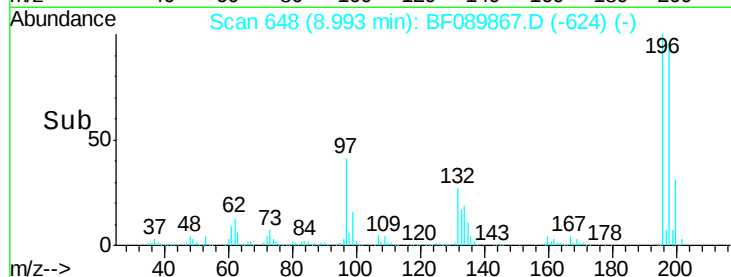
#43
 2,4,5-Trichlorophenol
 Concen: 43.98 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.02 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 707526
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.6 114.8
 97 41.5 35.8 53.8
 132 27.5 23.5 35.3

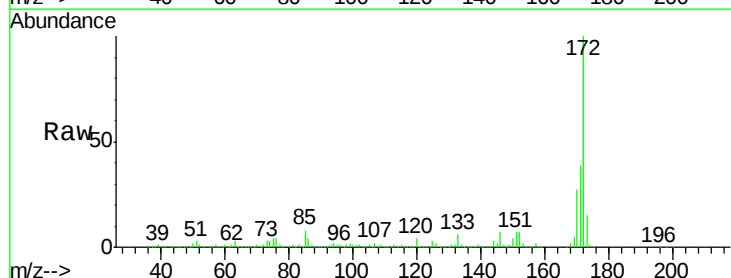


Abundance Ion 196.00 (195.70 to 196.70): E
 1200000
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

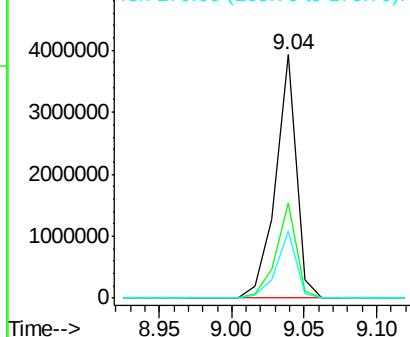
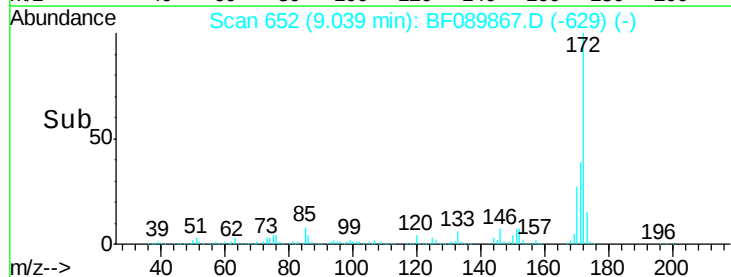


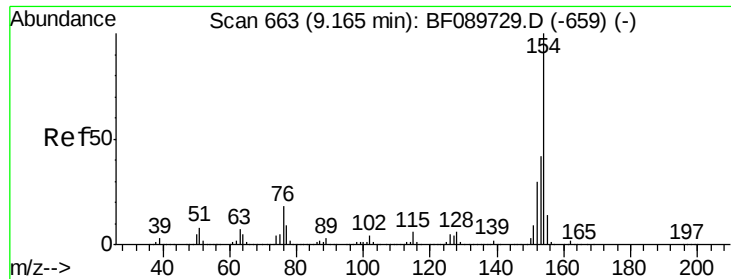
#44
 2-Fluorobiphenyl
 Concen: 77.21 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion:172 Resp: 3909585
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.5 45.7
 170 27.3 20.6 31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 5000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

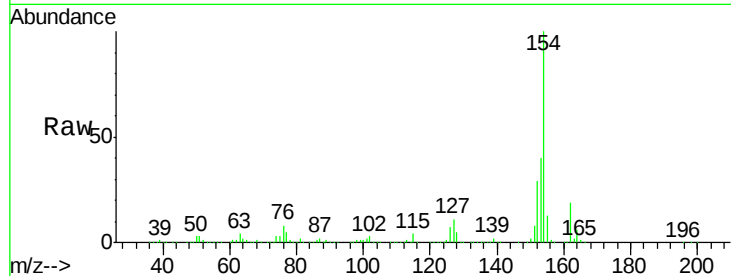




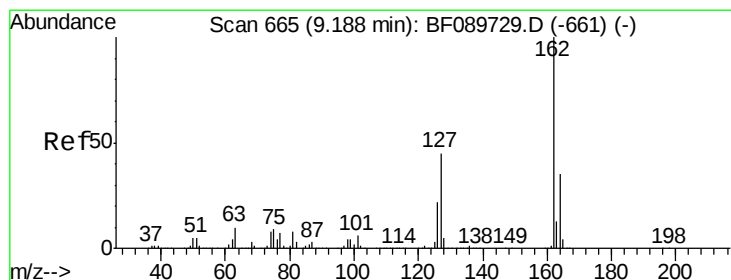
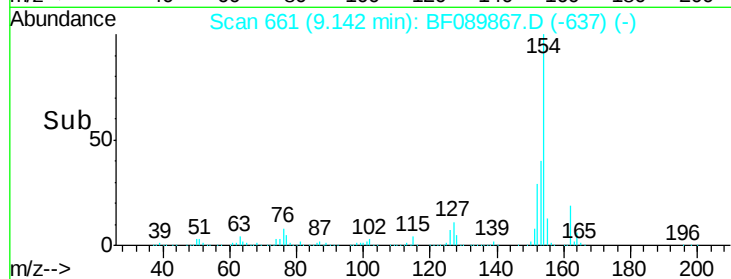
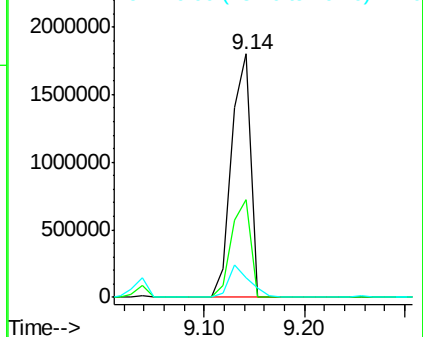
#45
 1,1'-Biphenyl
 Concen: 34.96 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:154 Resp: 2352476
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.5 61.5
 76 8.3 0.0 36.7

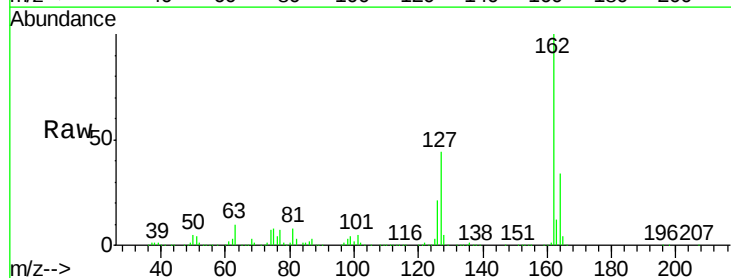


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

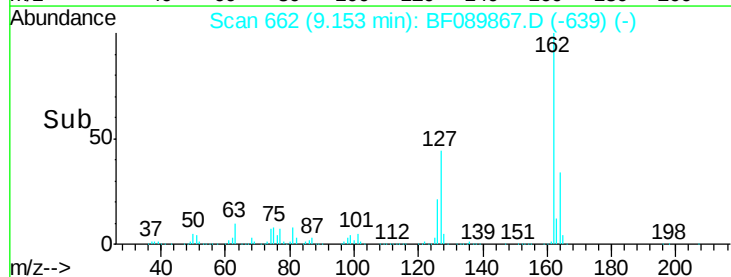
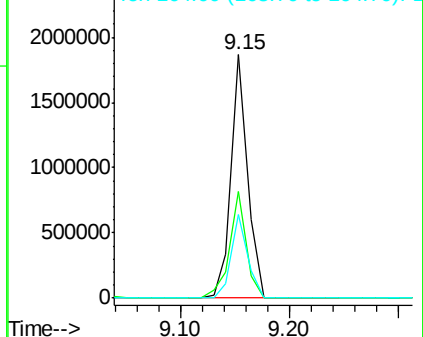


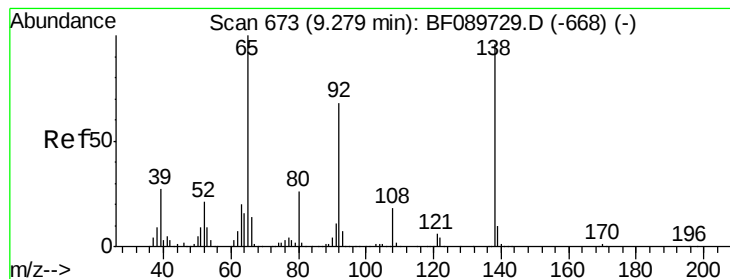
#46
 2-Chloronaphthalene
 Concen: 38.52 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.03 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion:162 Resp: 1942104
 Ion Ratio Lower Upper
 162 100
 127 43.7 35.5 53.3
 164 34.4 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: 45.31 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

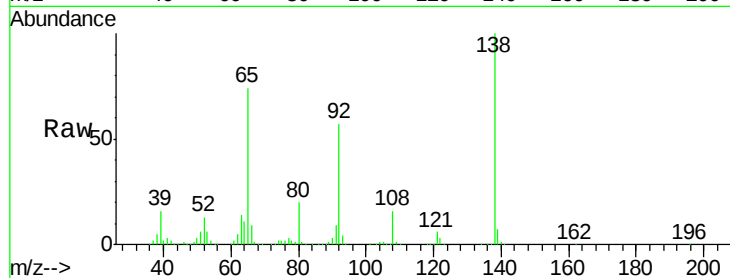
Tot Ion: 65 Resp: 696209

Ion Ratio Lower Upper

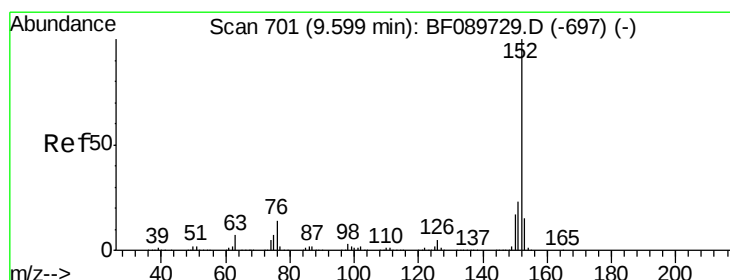
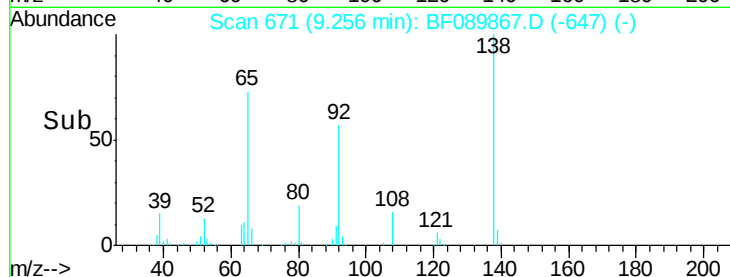
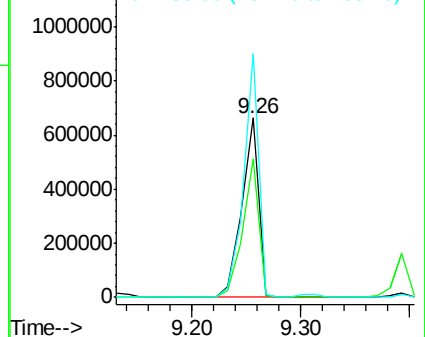
65 100

92 77.2 56.3 84.5

138 135.8 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): E



#48

Acenaphthylene

Concen: 39.74 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

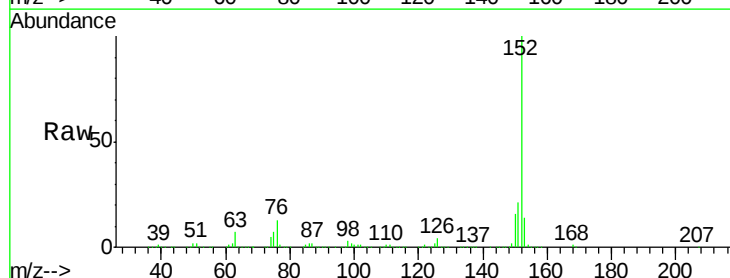
Tgt Ion: 152 Resp: 3084383

Ion Ratio Lower Upper

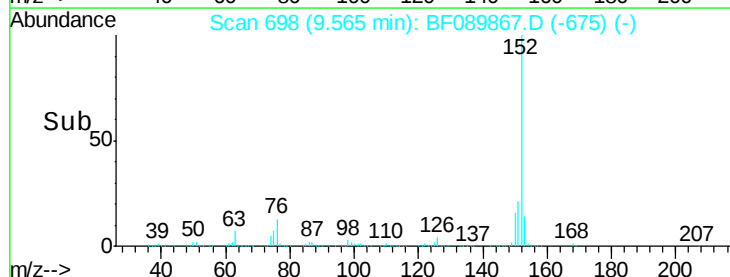
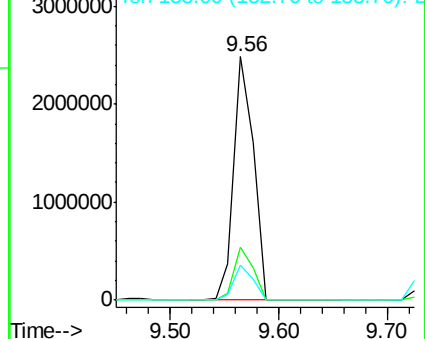
152 100

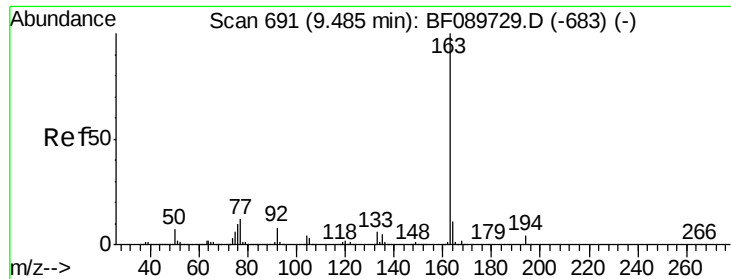
151 21.5 17.1 25.7

153 14.4 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

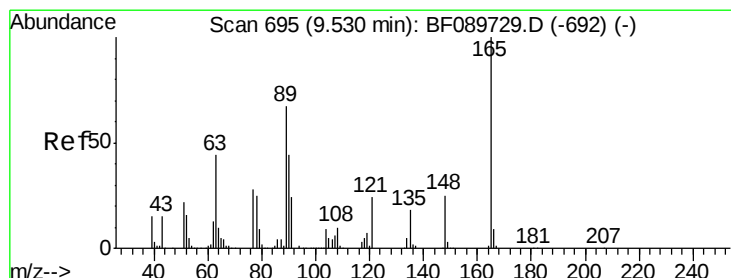
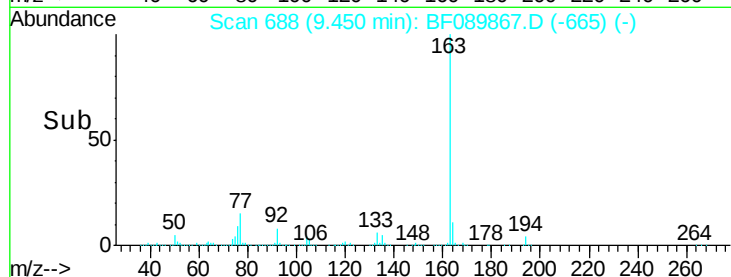
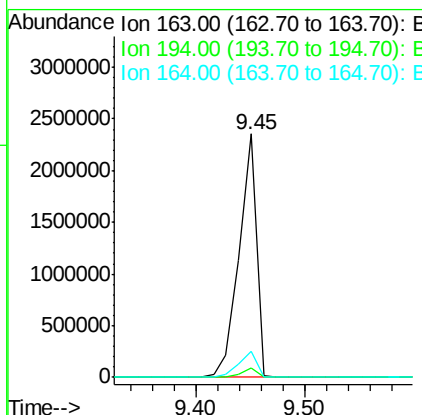
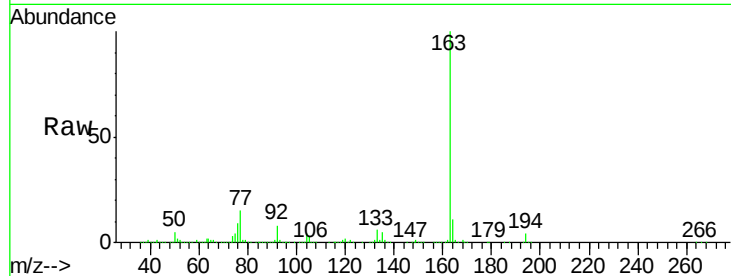




#49
Dimethylphthalate
Concen: 43.79 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

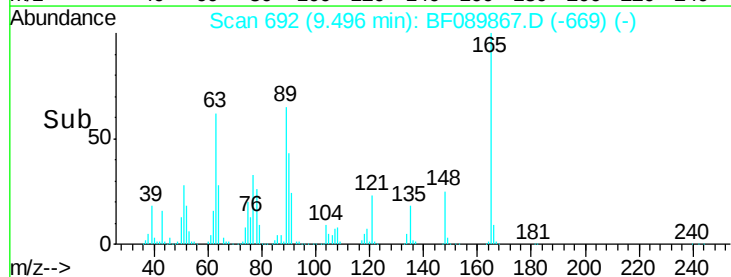
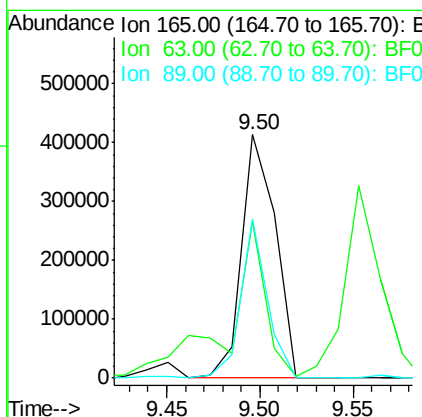
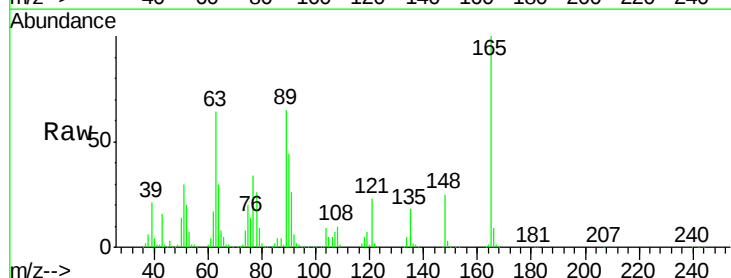
Instrument :
BNA_F
ClientSampleId :

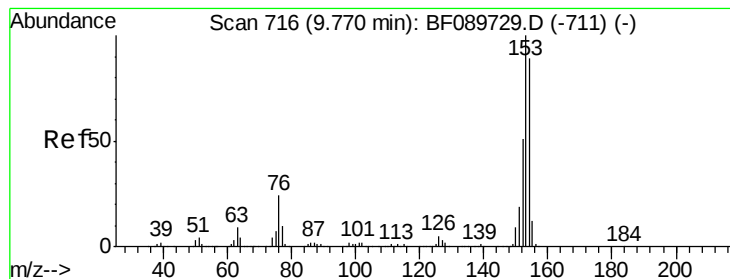
Tot Ion:163 Resp: 2574083
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 10.7 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 38.82 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:165 Resp: 516578
Ion Ratio Lower Upper
165 100
63 64.5 41.7 62.5#
89 65.4 44.6 67.0





#51

Acenaphthene

Concen: 44.09 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

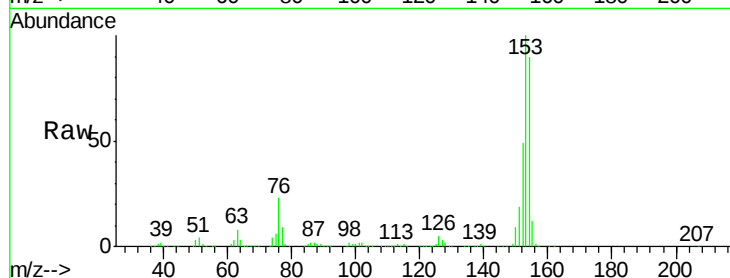
Tot Ion:154 Resp: 2309215

Ion Ratio Lower Upper

154 100

153 111.1 90.5 135.7

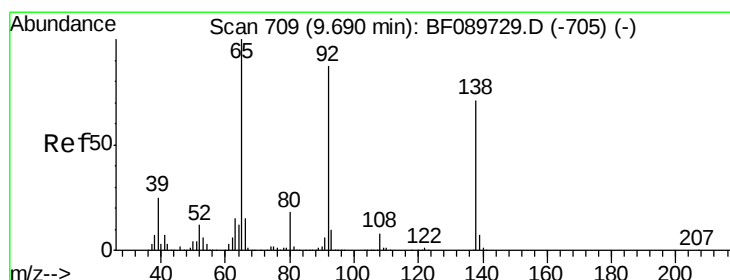
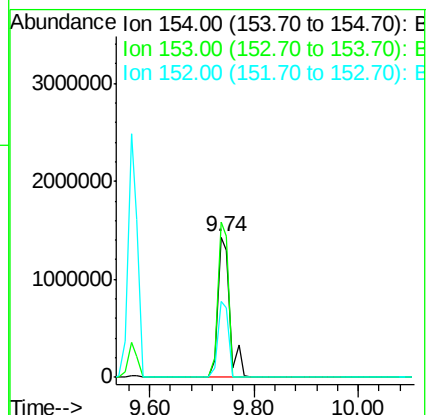
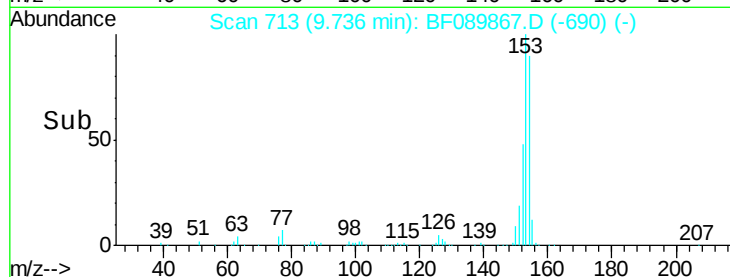
152 54.6 44.6 67.0



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: 18.49 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

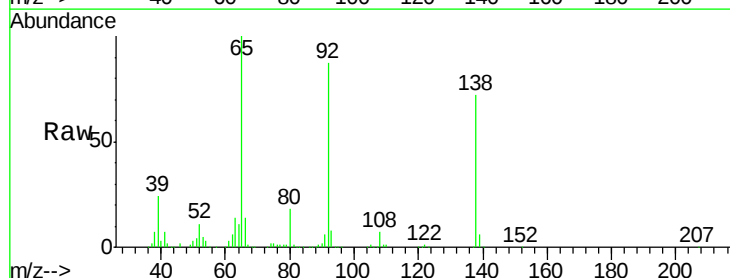
Tgt Ion:138 Resp: 286023

Ion Ratio Lower Upper

138 100

108 10.0 8.1 12.1

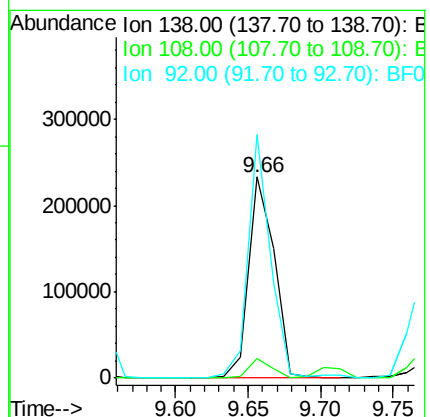
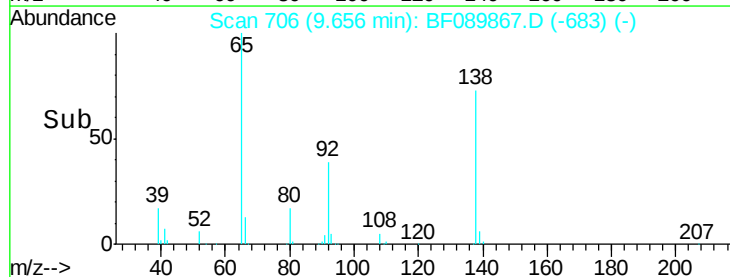
92 121.1 92.7 139.1

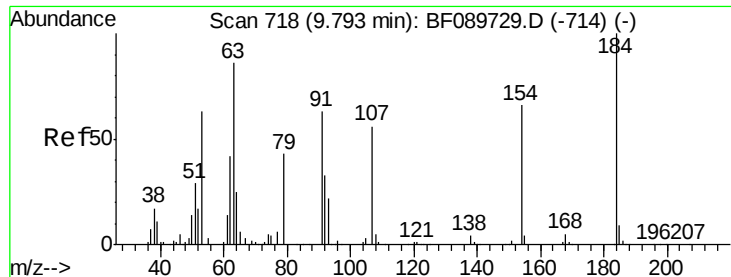


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

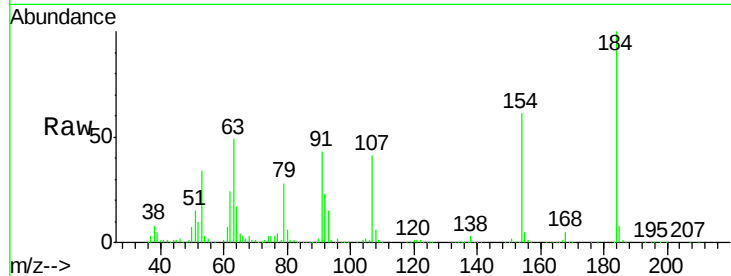




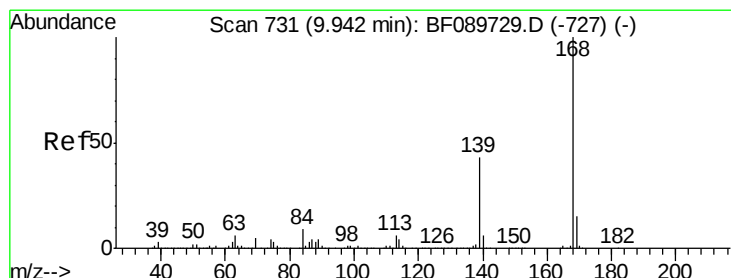
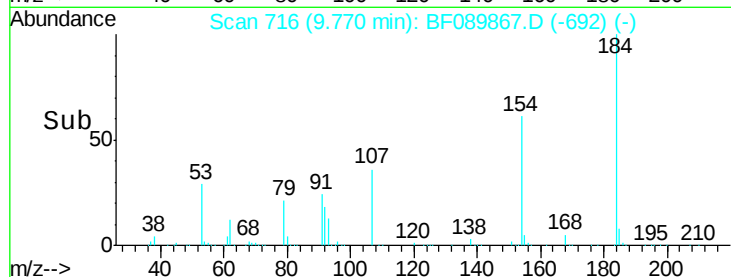
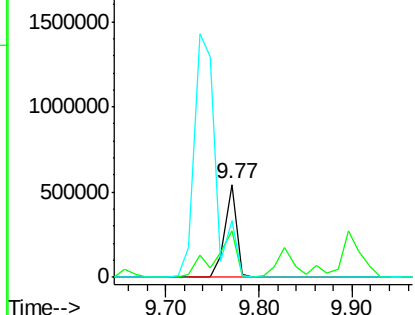
#53
2,4-Dinitrophenol
Concen: 81.84 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 486640
Ion Ratio Lower Upper
184 100
63 49.4 54.2 81.4#
154 61.4 52.7 79.1

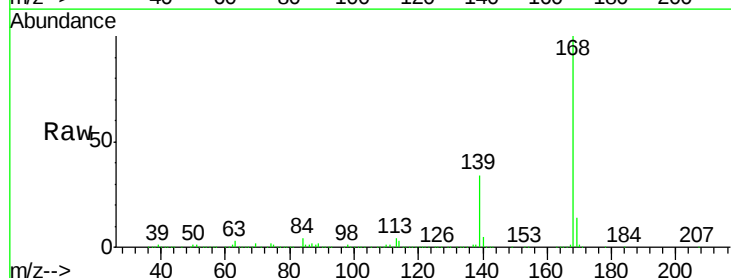


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

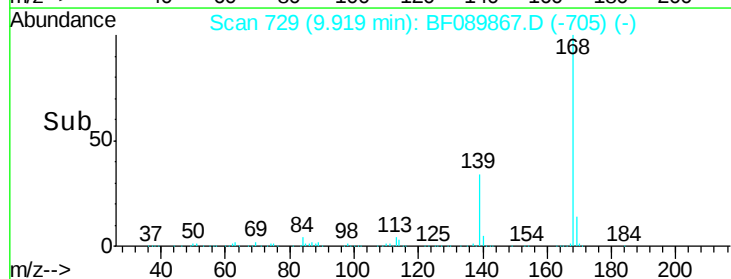
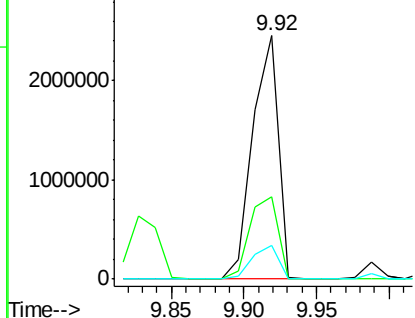


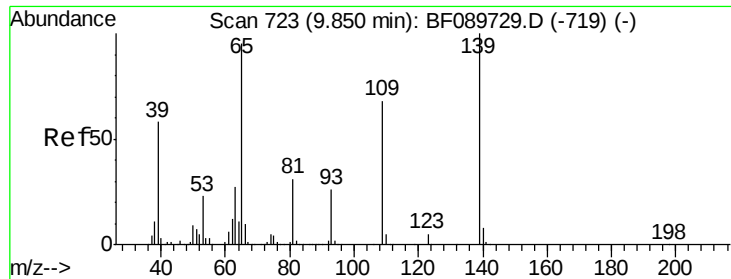
#54
Dibenzofuran
Concen: 46.62 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:168 Resp: 3004790
Ion Ratio Lower Upper
168 100
139 34.1 34.6 52.0#
169 13.8 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

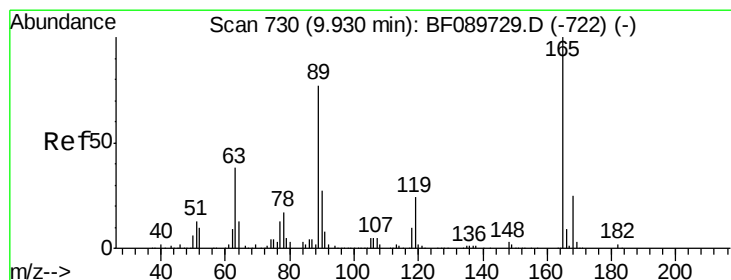
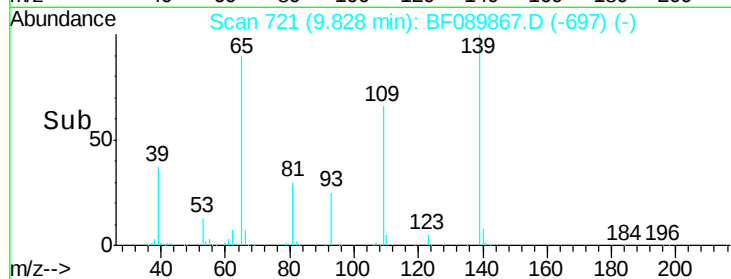
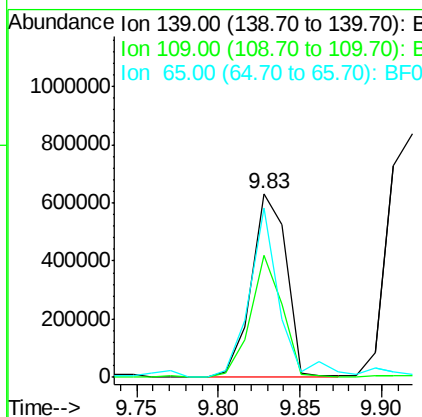
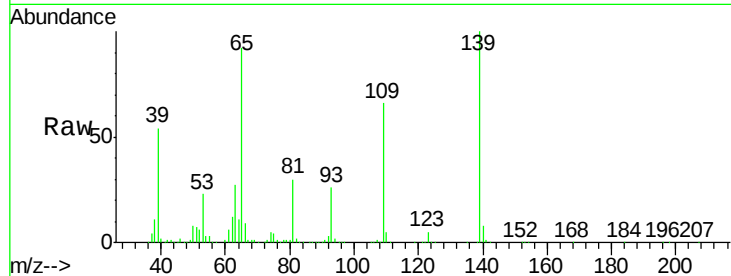




#55
4-Nitrophenol
Concen: 79.46 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

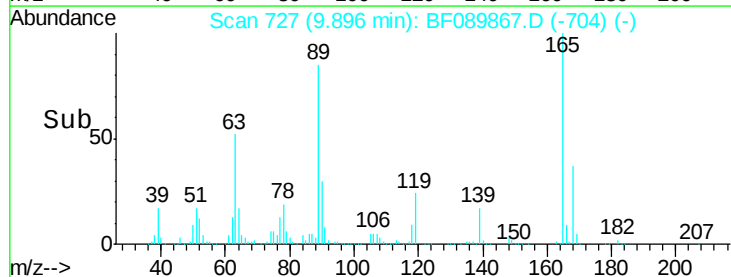
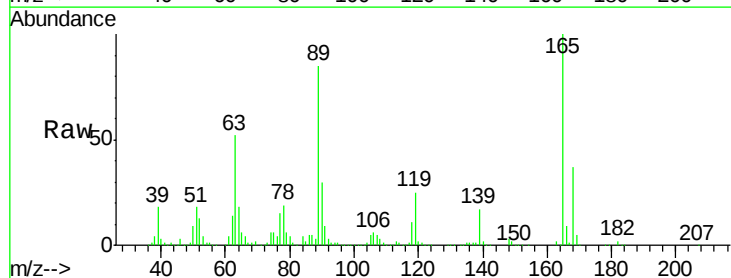
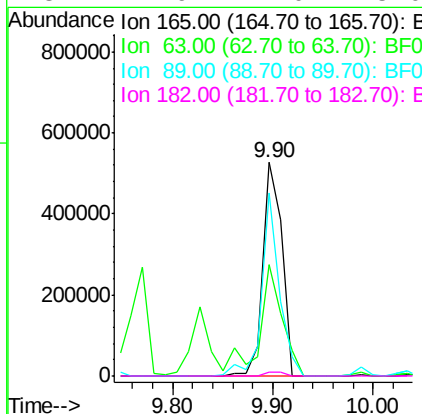
Instrument :
BNA_F
ClientSampleId :

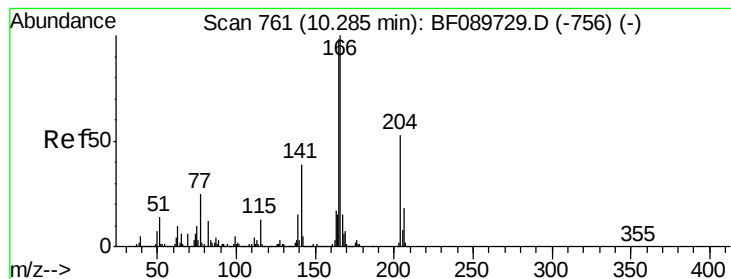
Tot Ion	Ratio	Lower	Upper
139	100		
109	66.3	43.0	83.0
65	92.0	55.7	95.7



#56
2,4-Dinitrotoluene
Concen: 40.33 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.1	23.7	35.5#
89	85.5	44.0	66.0#
182	1.9	2.0	3.0#





#57

Fluorene

Concen: 40.12 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampled :

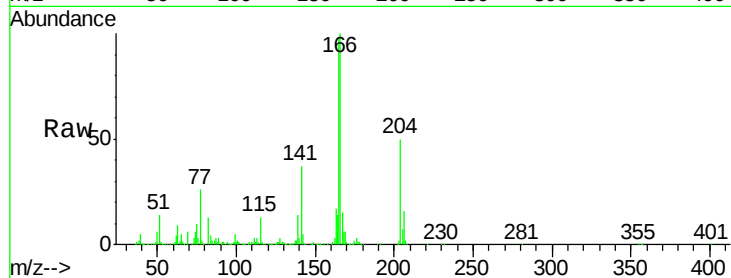
Tot Ion:166 Resp: 2089421

Ion Ratio Lower Upper

166 100

165 98.5 80.2 120.4

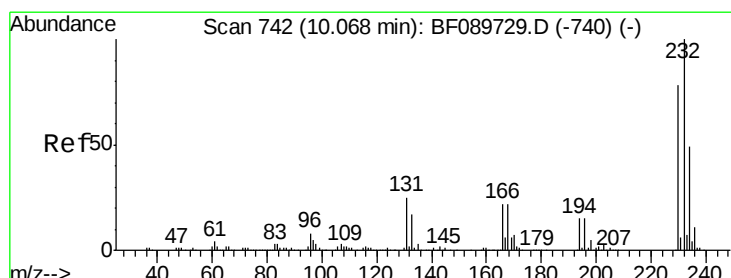
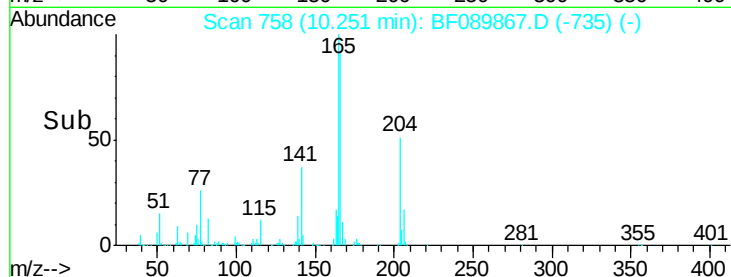
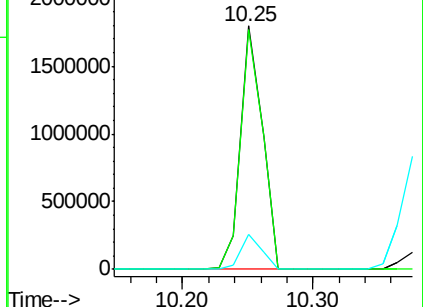
167 14.5 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.09 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Tgt Ion:232 Resp: 579138

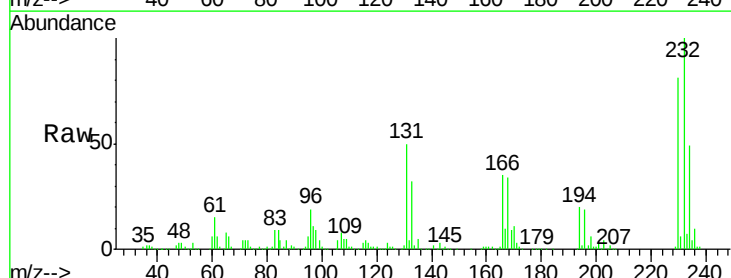
Ion Ratio Lower Upper

232 100

131 51.9 42.5 63.7

130 2.5 2.2 3.4

166 34.7 27.3 40.9

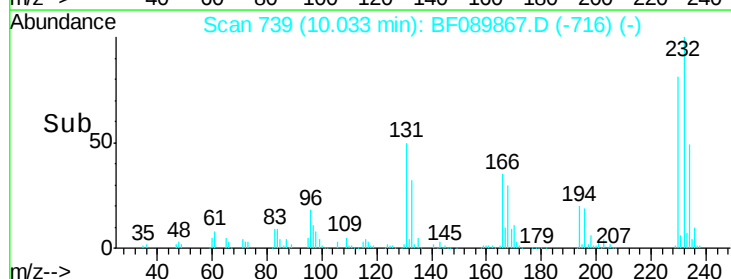
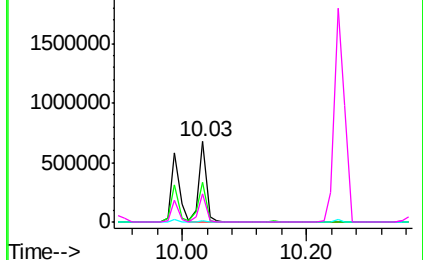


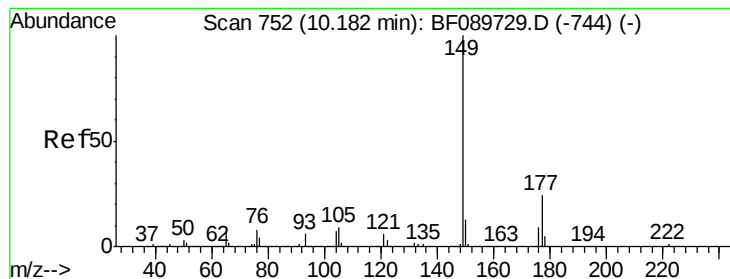
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.20 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

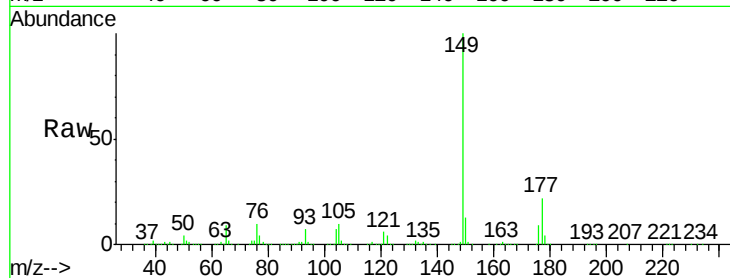
Tot Ion:149 Resp: 2455655

Ion Ratio Lower Upper

149 100

177 22.3 16.6 25.0

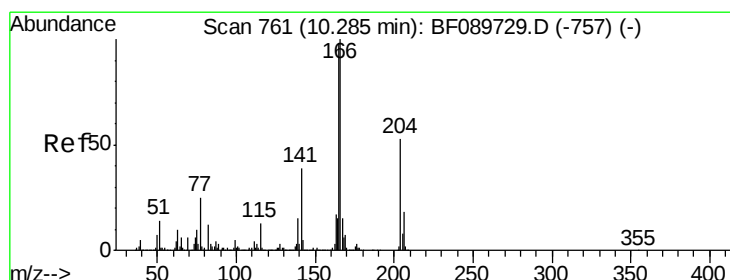
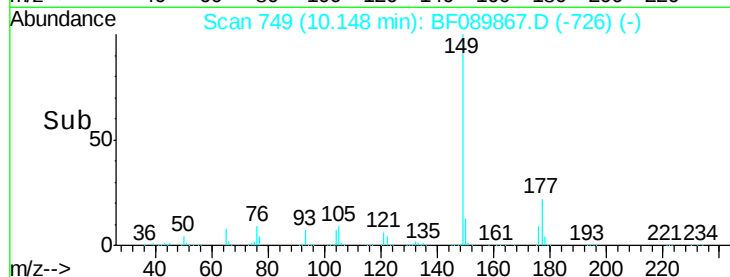
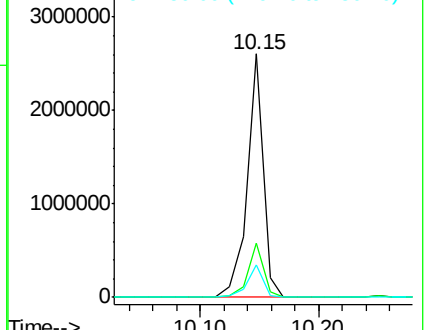
150 13.3 10.5 15.7



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: 35.51 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

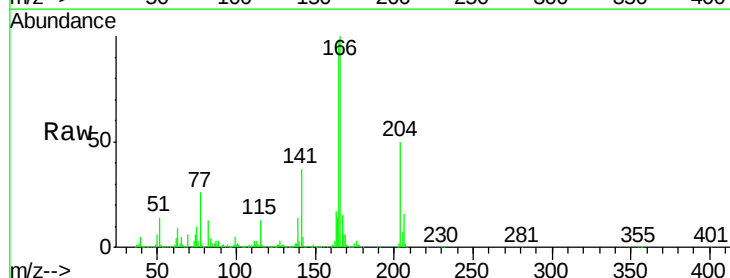
Tgt Ion:204 Resp: 907953

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

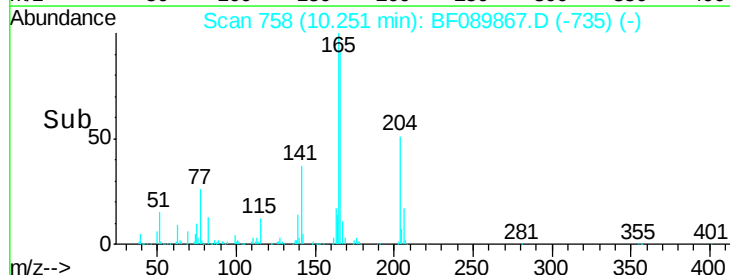
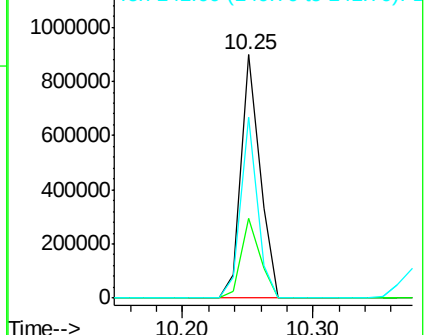
141 74.3 54.1 81.1

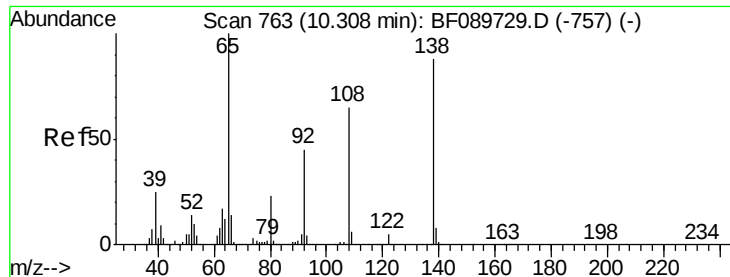


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

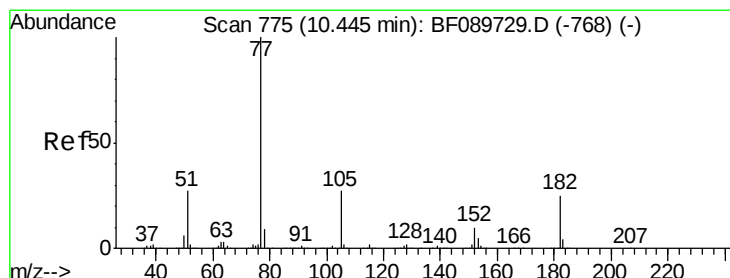
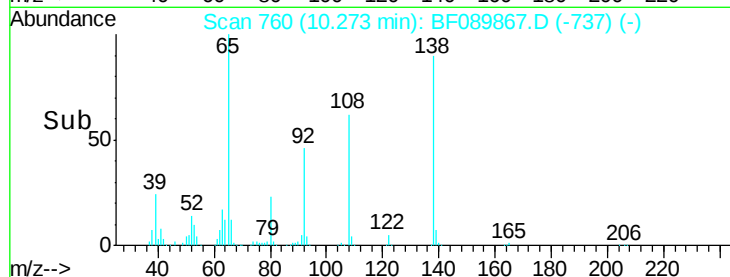
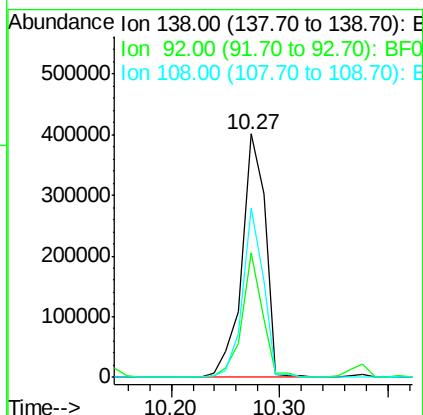
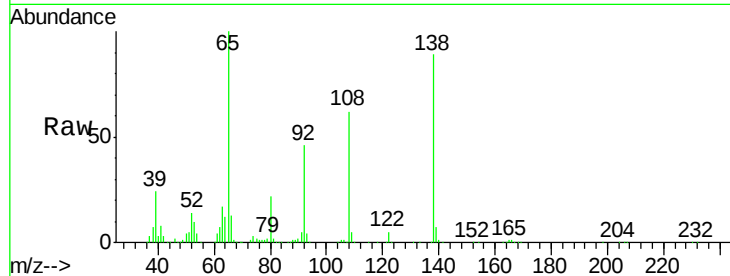




#61
4-Nitroaniline
Concen: 40.00 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

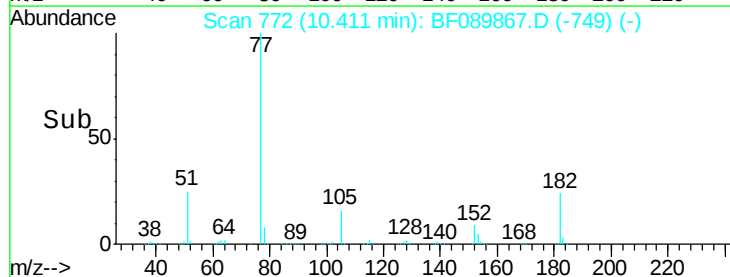
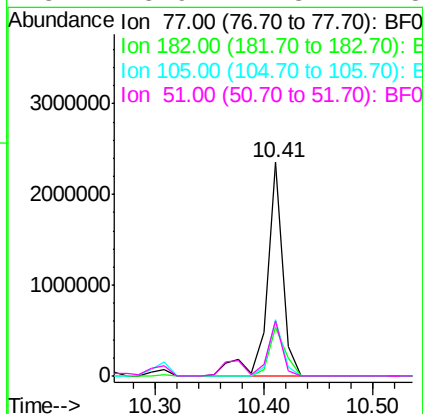
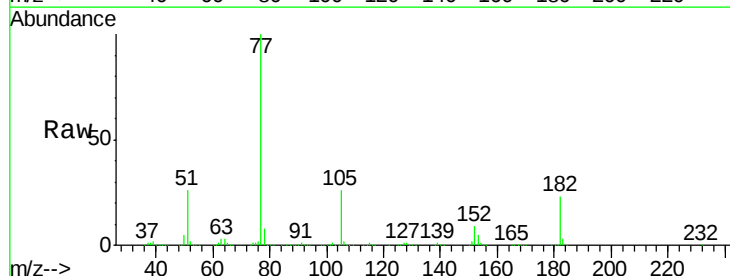
Instrument :
BNA_F
ClientSampleId :

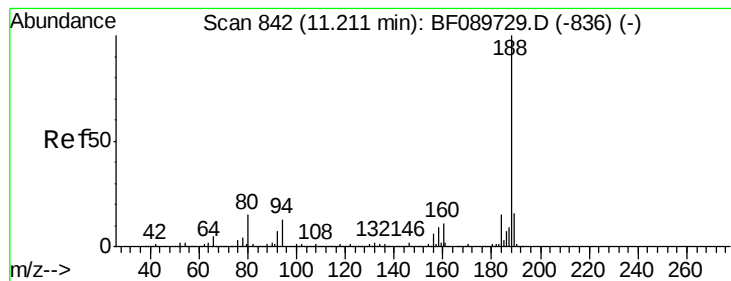
Tot Ion:138 Resp: 600889
Ion Ratio Lower Upper
138 100
92 51.4 26.4 66.4
108 69.5 47.0 87.0



#62
Azobenzene
Concen: 42.98 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion: 77 Resp: 2421007
Ion Ratio Lower Upper
77 100
182 22.7 5.6 45.6
105 26.1 4.0 44.0
51 25.9 7.8 47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

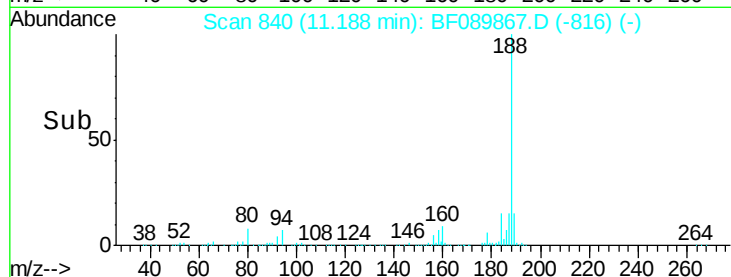
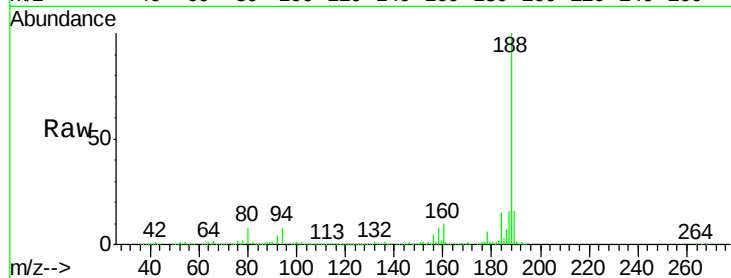
Tot Ion:188 Resp: 1520034

Ion Ratio Lower Upper

188 100

94 7.7 10.2 15.2#

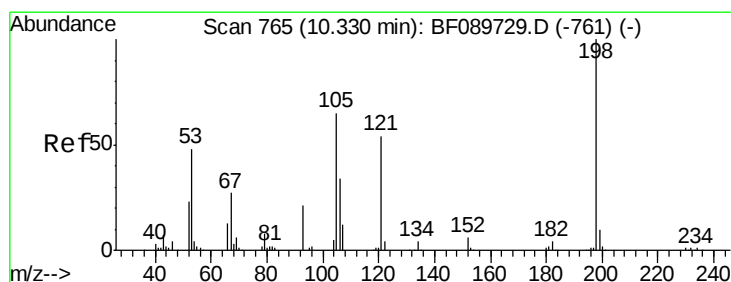
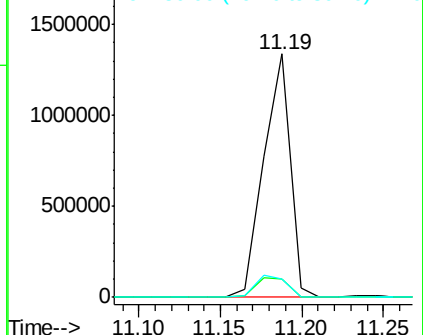
80 7.6 10.9 16.3#



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: 39.18 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

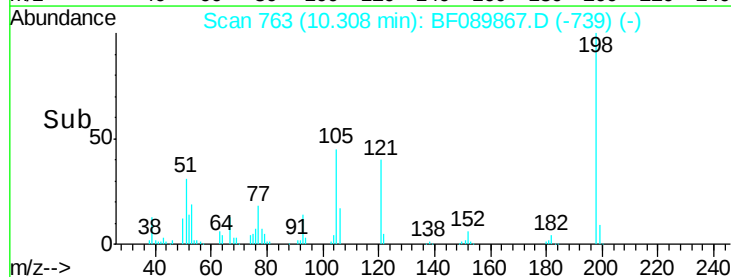
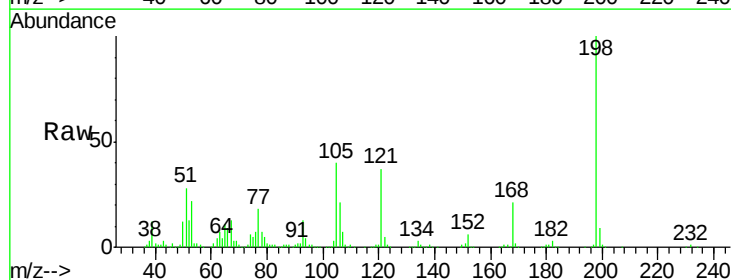
Tgt Ion:198 Resp: 345778

Ion Ratio Lower Upper

198 100

51 28.3 32.3 72.3#

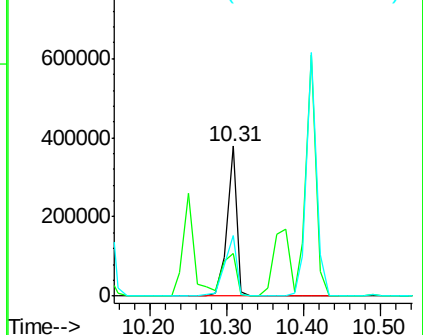
105 40.3 32.9 72.9

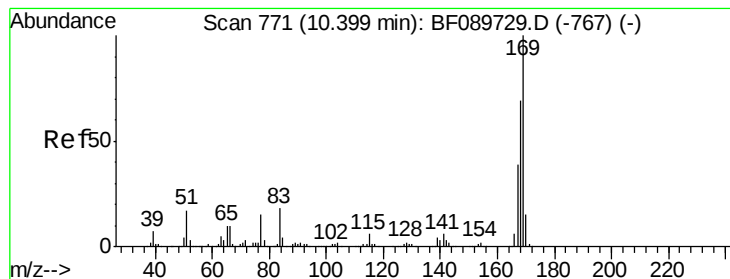


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.97 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

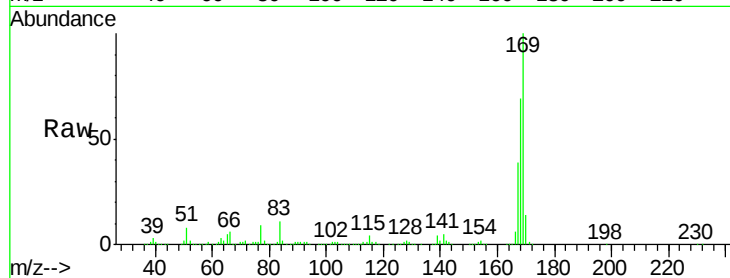
Tot Ion:169 Resp: 2145230

Ion Ratio Lower Upper

169 100

168 69.0 54.6 82.0

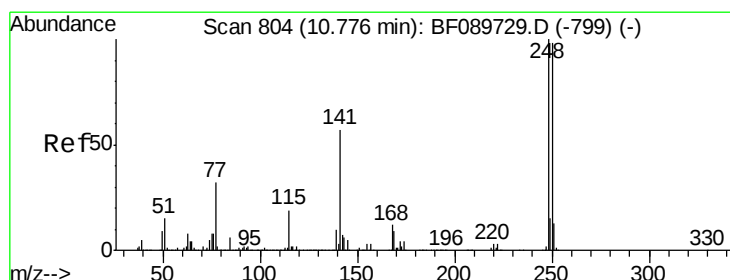
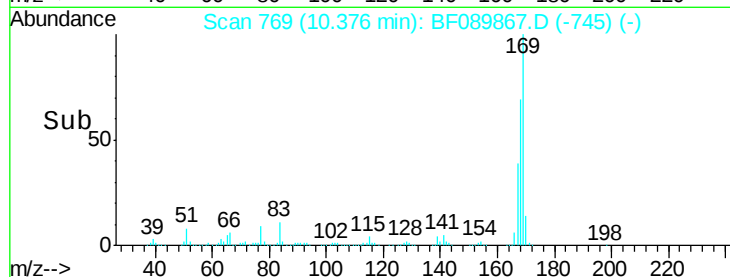
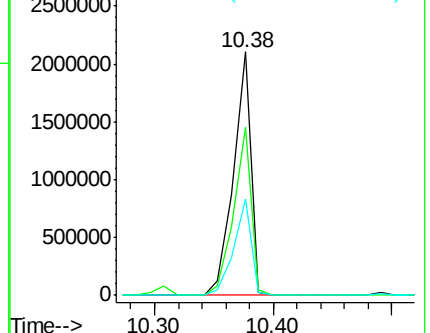
167 39.4 30.6 45.8



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: 42.59 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

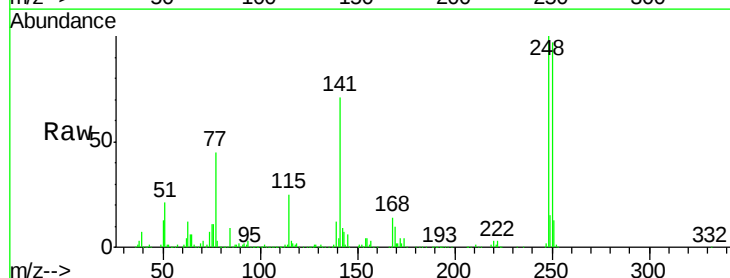
Tgt Ion:248 Resp: 670392

Ion Ratio Lower Upper

248 100

250 97.2 78.6 117.8

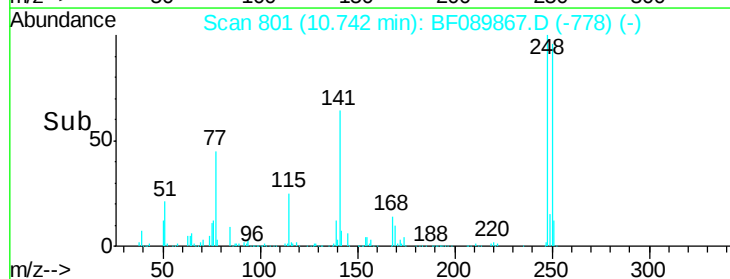
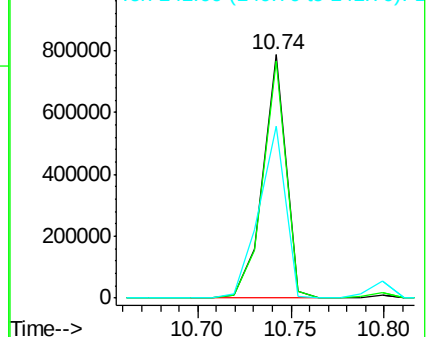
141 70.8 31.4 47.2#

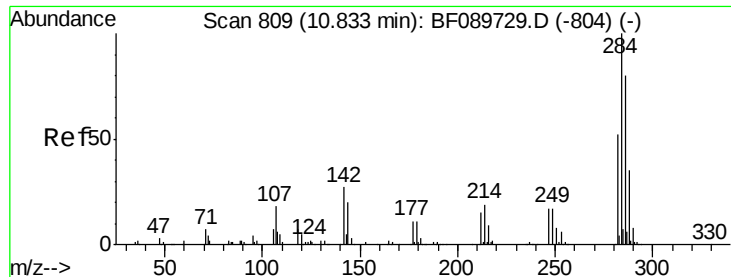


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.60 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

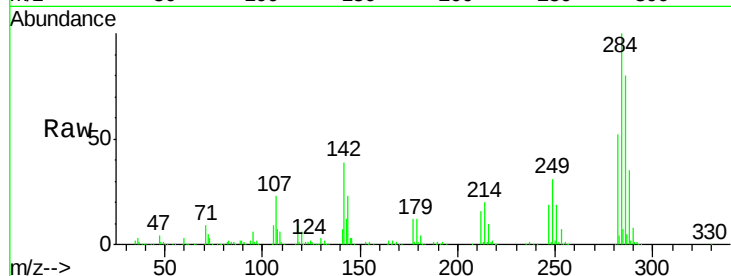
Tot Ion:284 Resp: 692985

Ion Ratio Lower Upper

284 100

142 39.2 17.4 26.2#

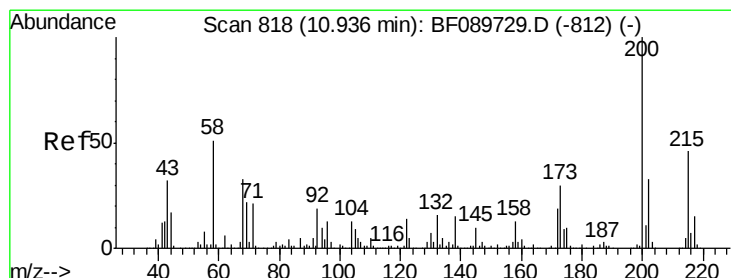
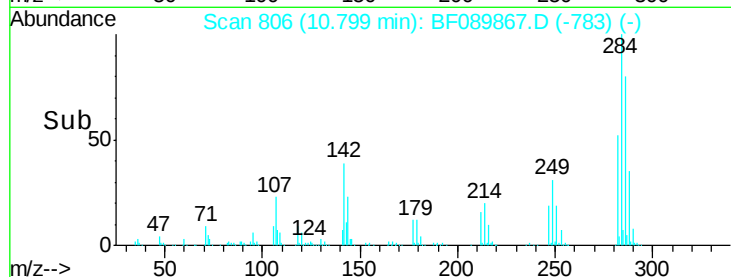
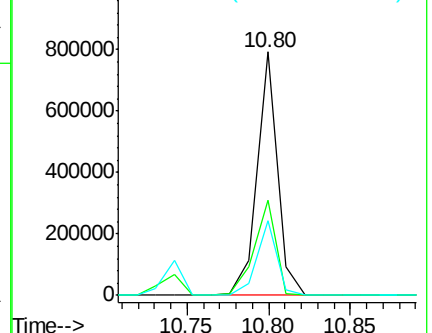
249 30.6 22.8 34.2



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: 38.67 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

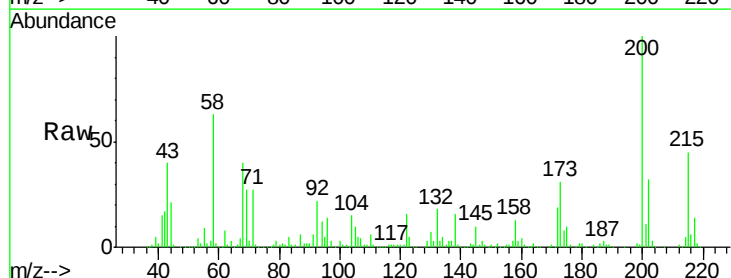
Tgt Ion:200 Resp: 558813

Ion Ratio Lower Upper

200 100

173 30.7 6.6 46.6

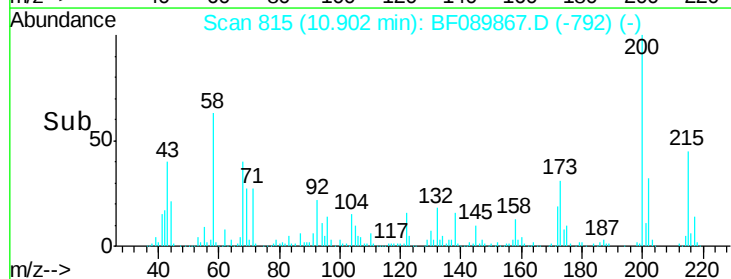
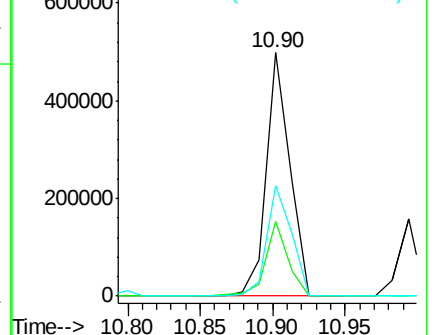
215 45.3 24.7 64.7

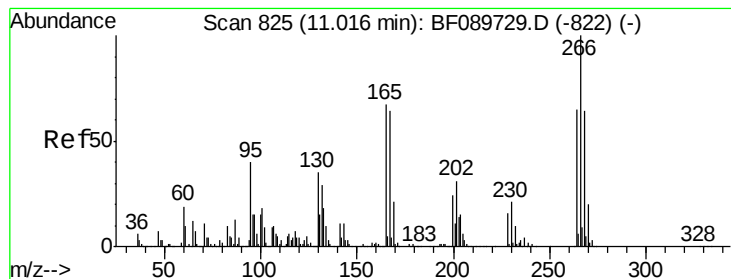


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 65.75 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :

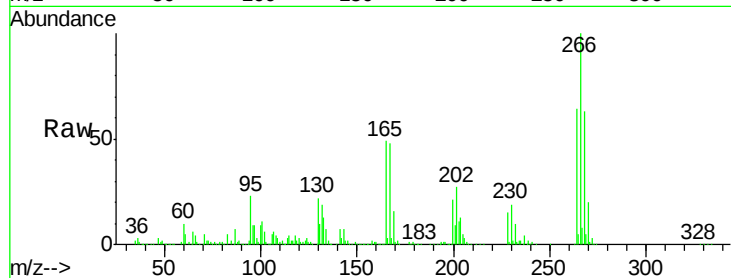
Tot Ion:266 Resp: 716814

Ion Ratio Lower Upper

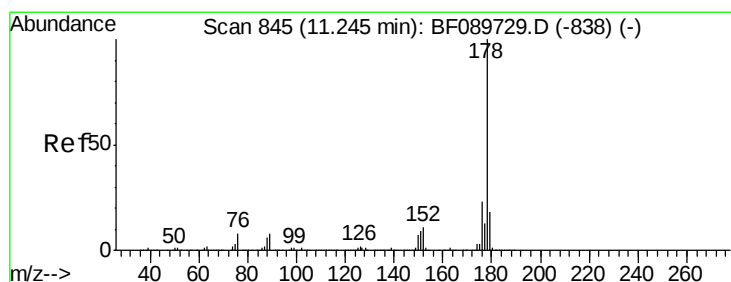
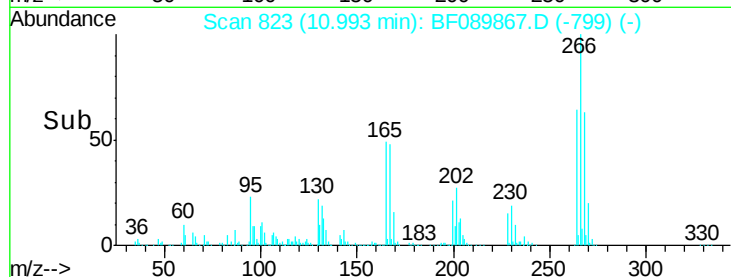
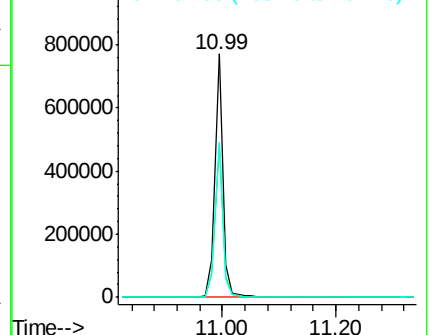
266 100

268 63.0 53.2 79.8

264 64.0 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: 43.20 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

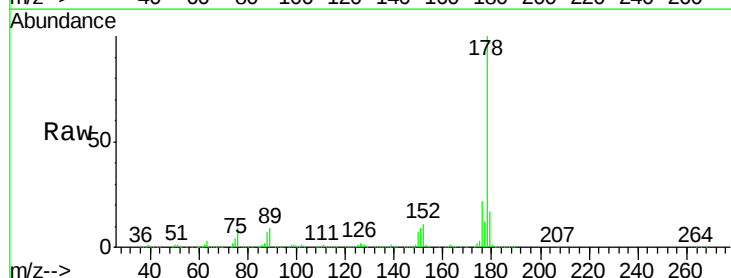
Tgt Ion:178 Resp: 3227404

Ion Ratio Lower Upper

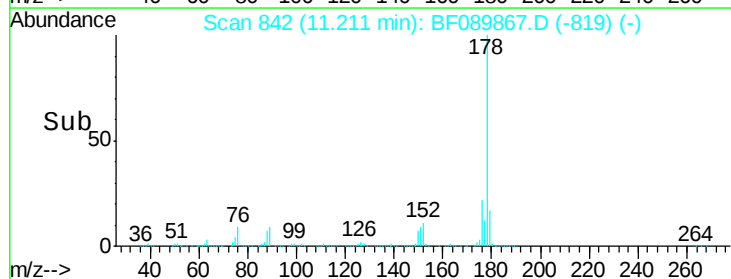
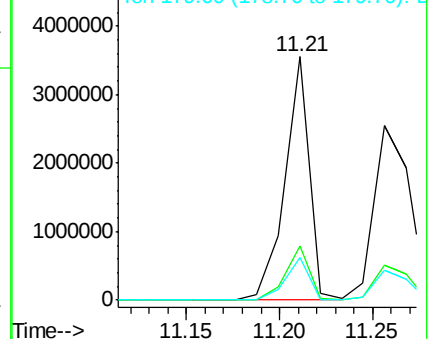
178 100

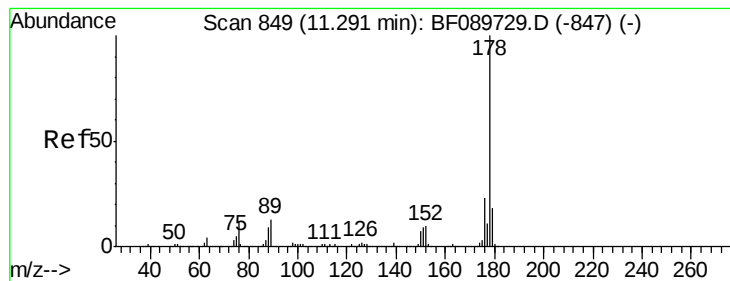
176 22.2 16.4 24.6

179 17.3 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: 42.06 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

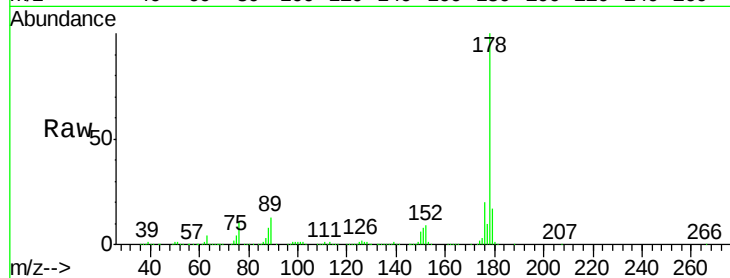
Tot Ion:178 Resp: 3283132

Ion Ratio Lower Upper

178 100

176 20.1 16.4 24.6

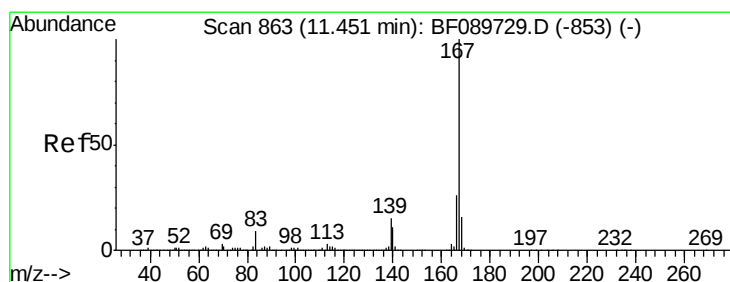
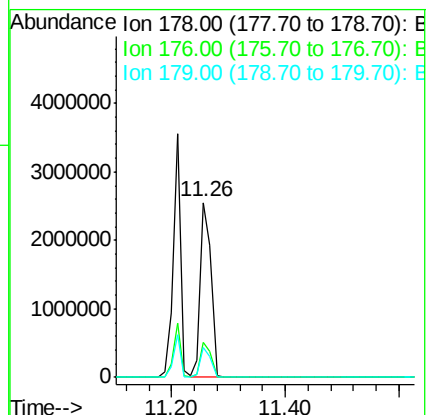
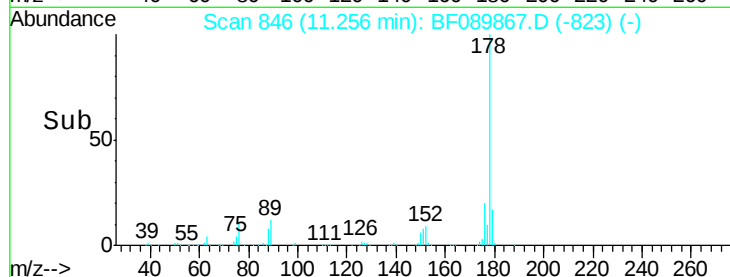
179 16.8 13.1 19.7



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: 40.16 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

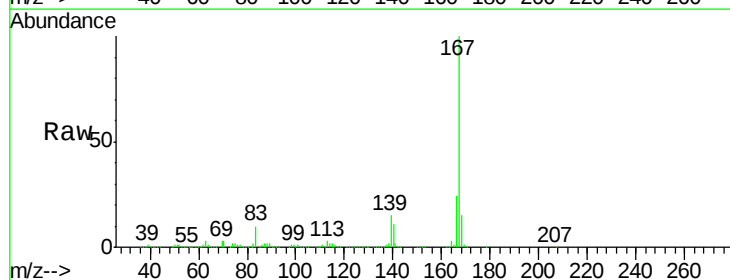
Tgt Ion:167 Resp: 2970222

Ion Ratio Lower Upper

167 100

166 24.0 17.9 26.9

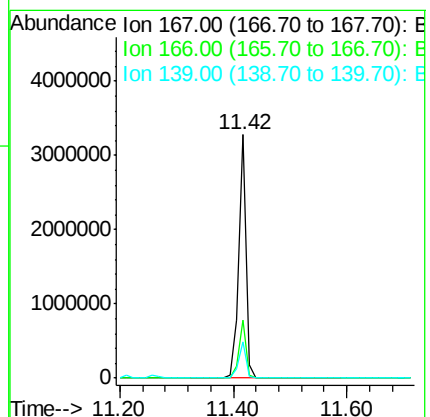
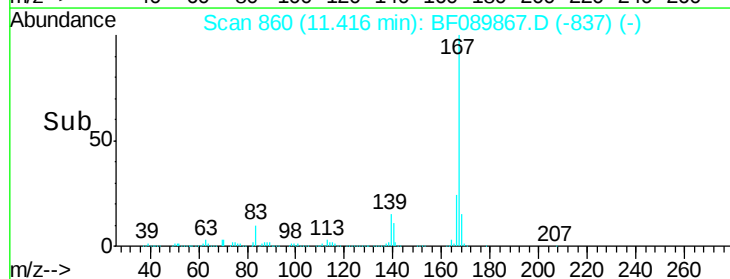
139 14.8 12.4 18.6

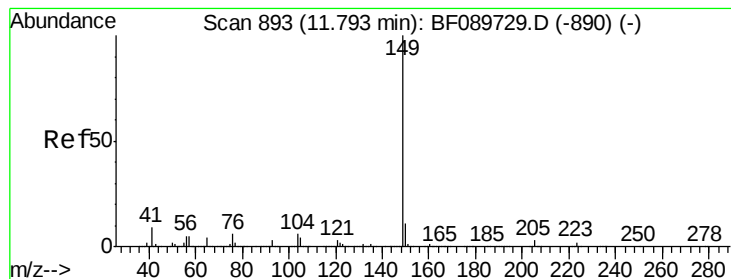


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.14 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

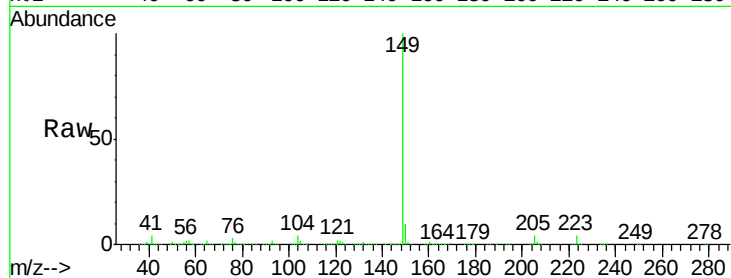
Tot Ion:149 Resp: 3881229

Ion Ratio Lower Upper

149 100

150 10.1 7.9 11.9

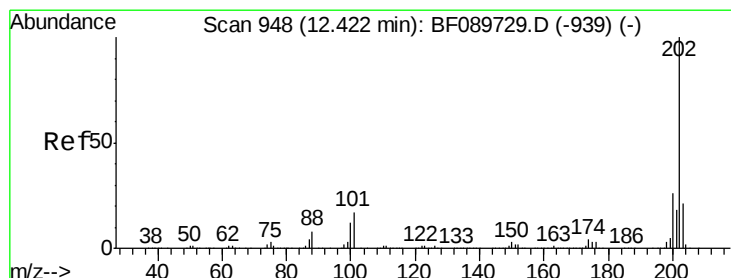
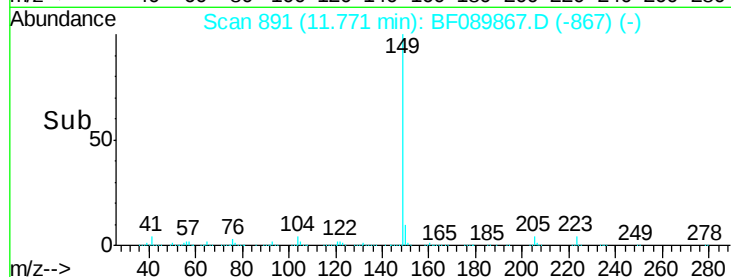
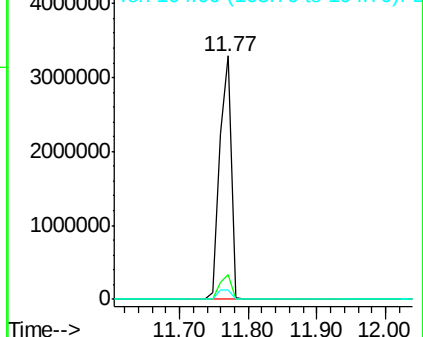
104 4.1 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.53 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

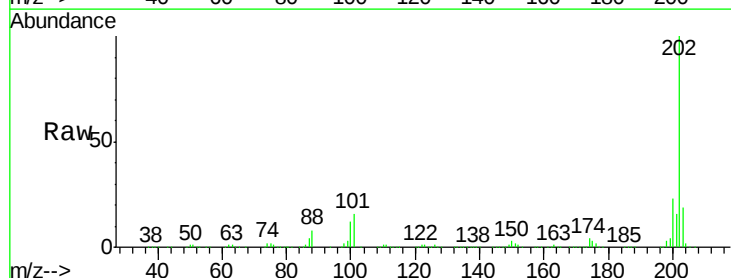
Tgt Ion:202 Resp: 2967852

Ion Ratio Lower Upper

202 100

101 16.3 0.0 31.2

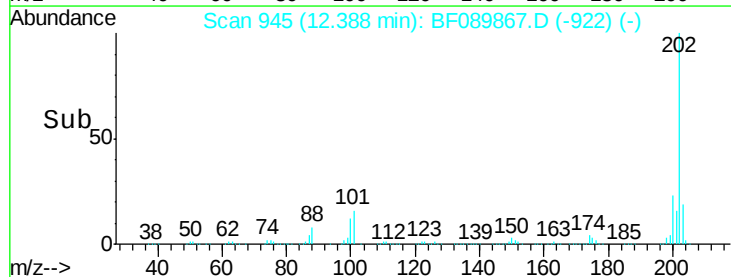
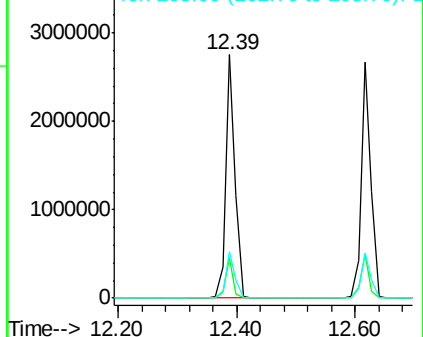
203 19.1 0.0 38.1

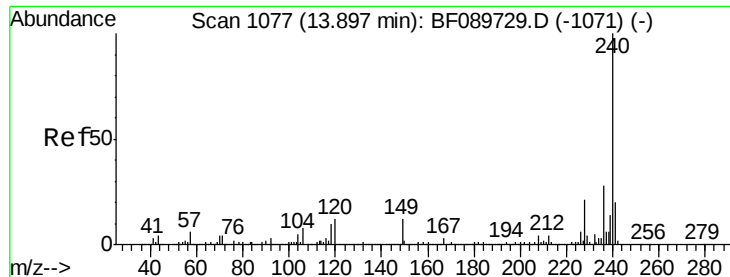


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

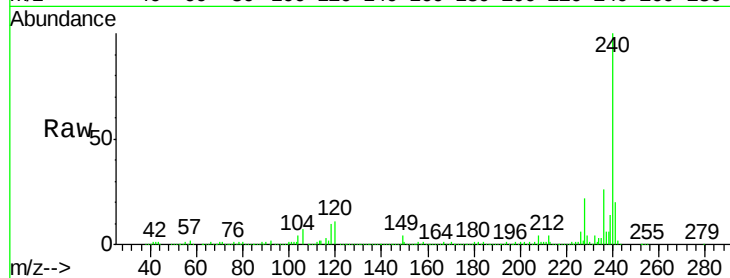
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 1135050

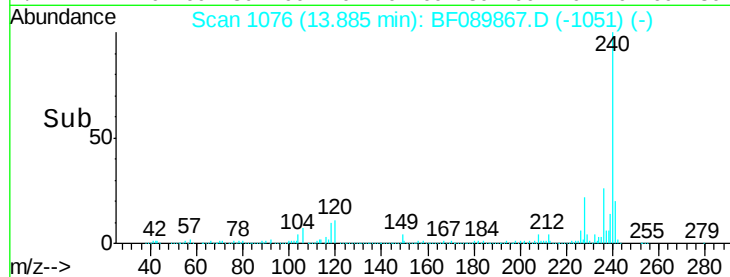
Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	26.2	21.3	31.9



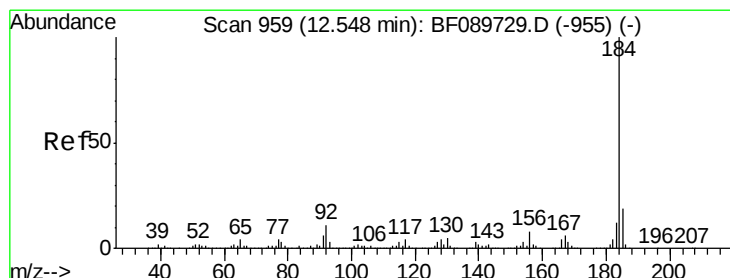
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 25.08 ng

RT: 12.53 min Scan# 957

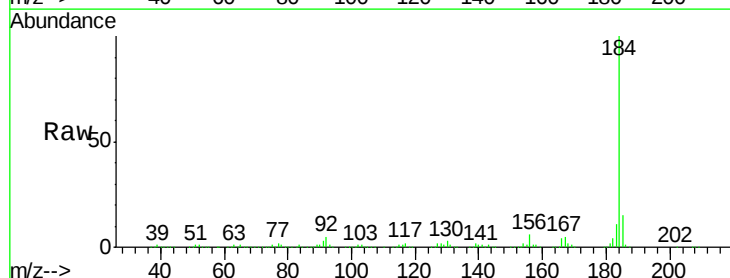
Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Tgt Ion:184 Resp: 1021562

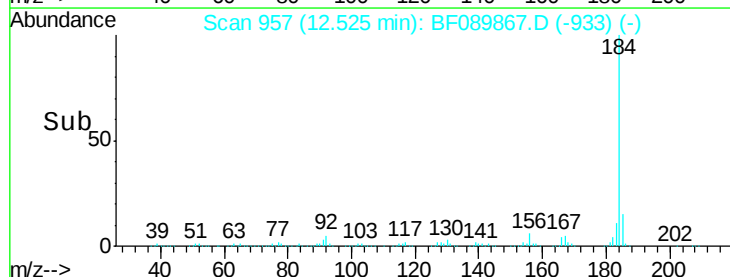
Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.8	20.8
183	11.1	9.7	14.5



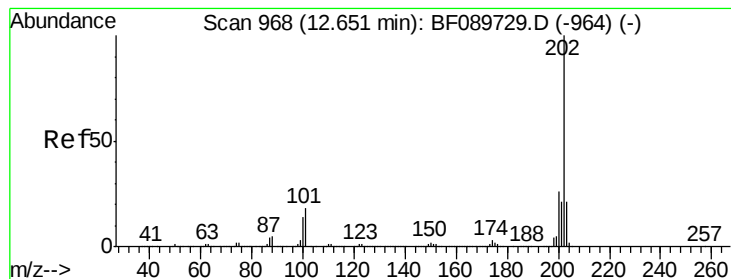
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#77

Pvrene

Concen: 40.18 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

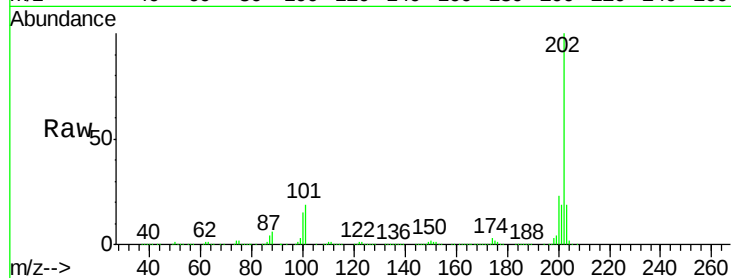
Tot Ion:202 Resp: 2984732

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.6

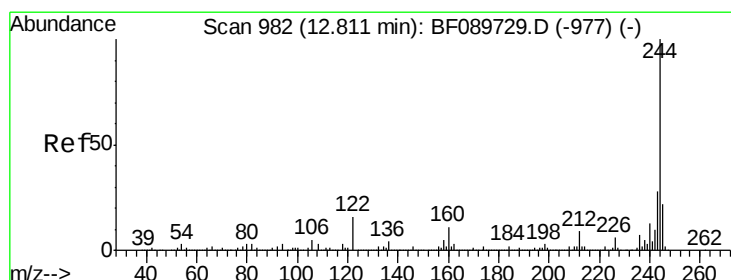
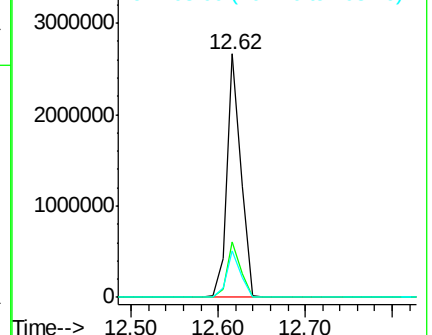
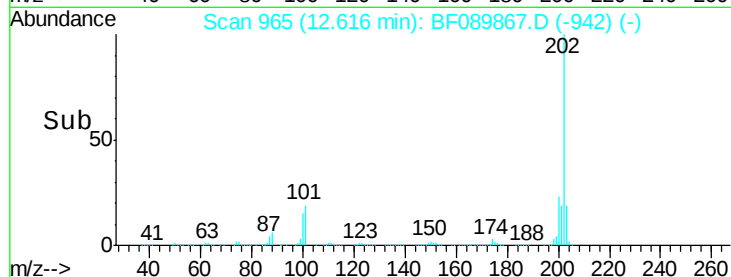
203 19.1 14.2 21.4



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: 92.11 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

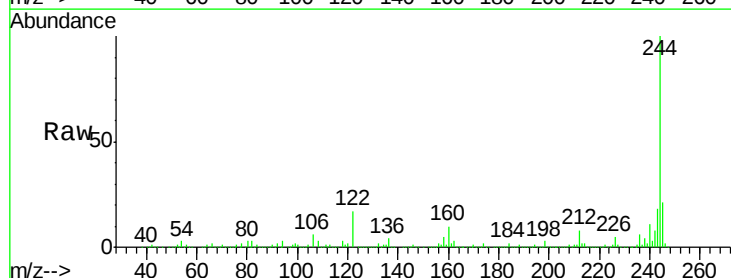
Tgt Ion:244 Resp: 3499747

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

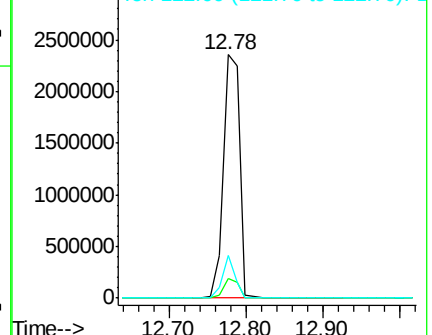
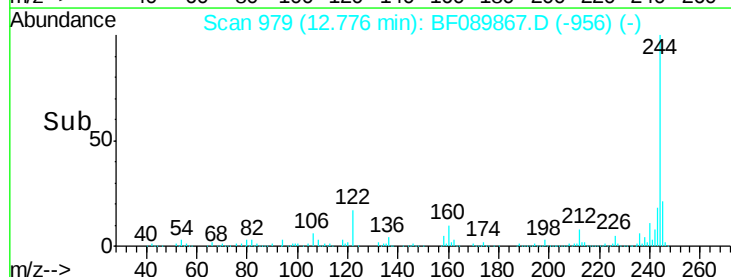
122 17.3 12.0 18.0

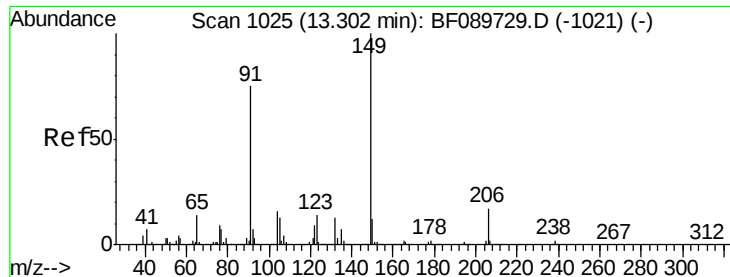


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

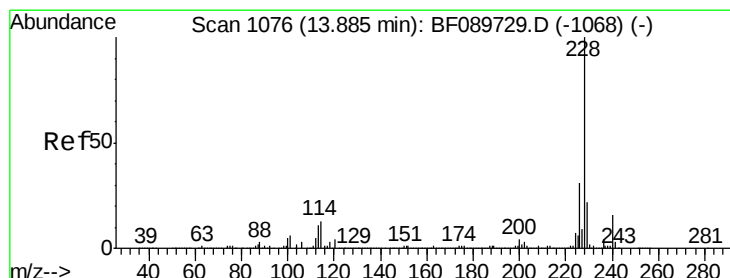
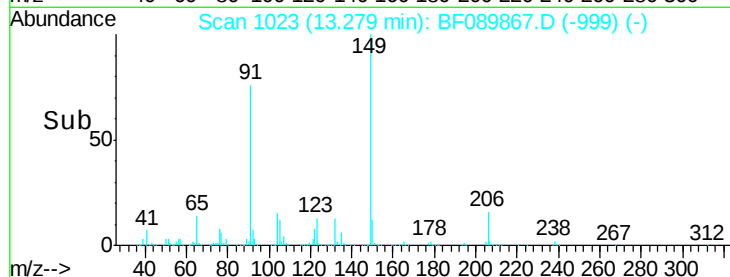
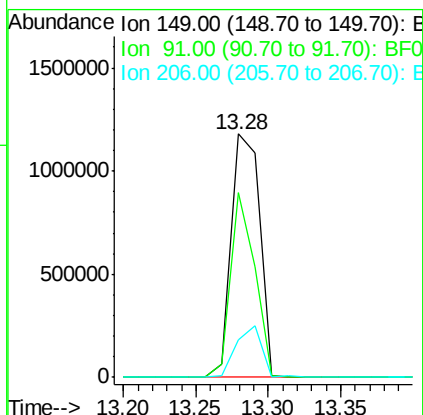
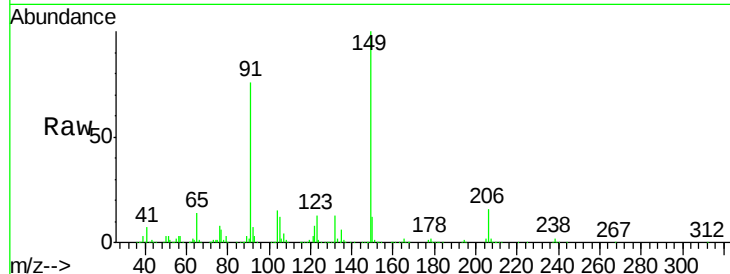




#79
Butylbenzylphthalate
Concen: 43.22 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

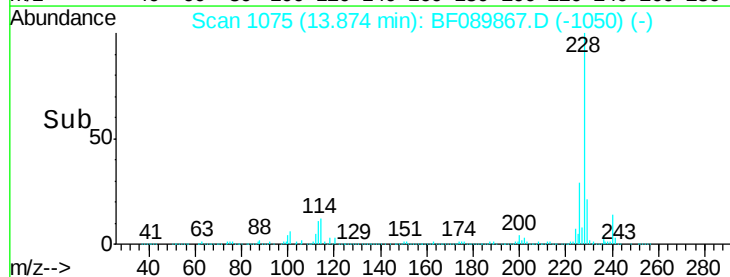
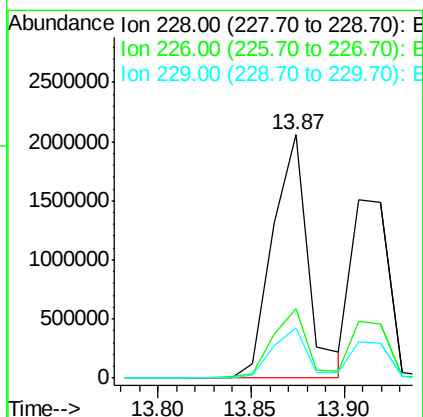
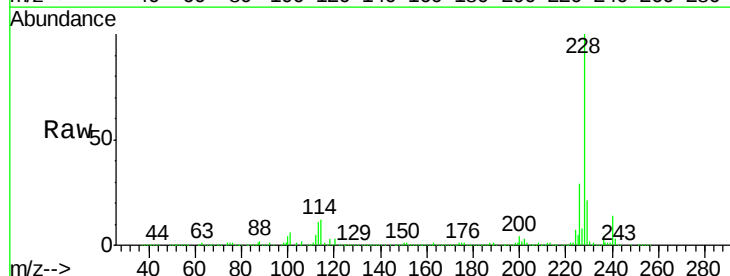
Instrument :
BNA_F
ClientSampleId :

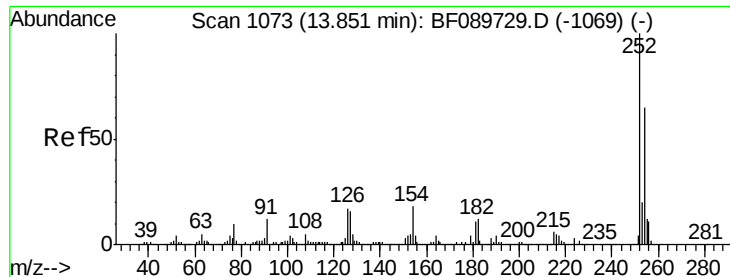
Tot Ion:149 Resp: 1610358
Ion Ratio Lower Upper
149 100
91 75.7 50.7 76.1
206 15.5 15.5 23.3



#80
Benzo(a)anthracene
Concen: 41.35 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:228 Resp: 2726987
Ion Ratio Lower Upper
228 100
226 28.8 23.2 34.8
229 20.6 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 21.31 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

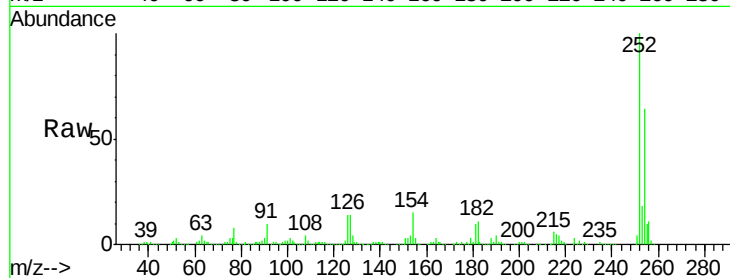
Tot Ion:252 Resp: 512069

Ion Ratio Lower Upper

252 100

254 64.4 50.6 75.8

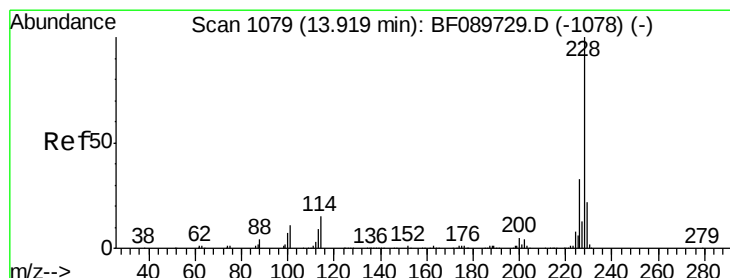
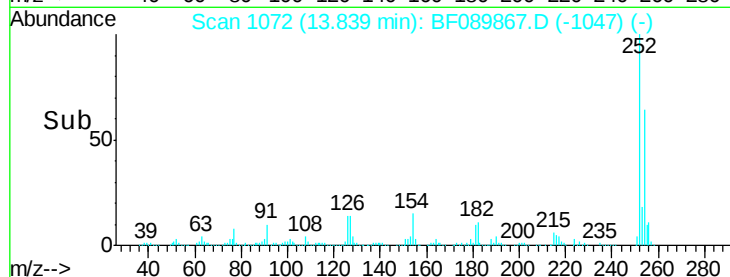
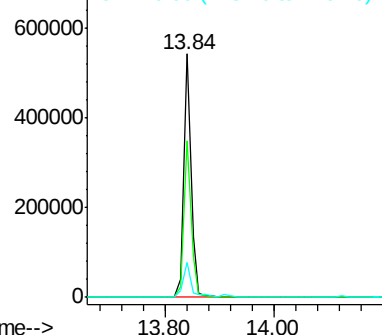
126 14.4 12.6 18.8



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: 35.91 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

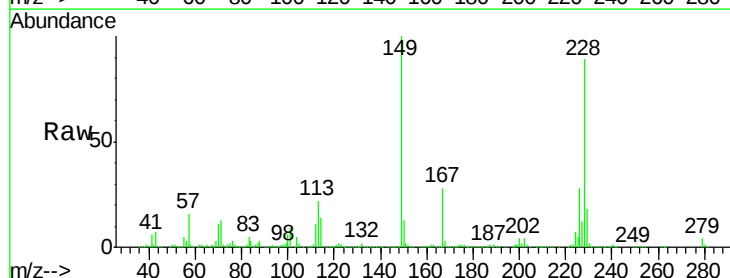
Tgt Ion:228 Resp: 2131528

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

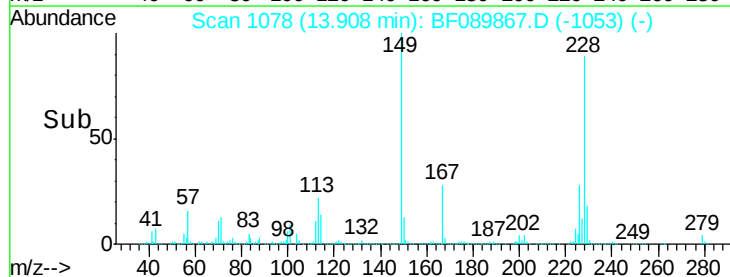
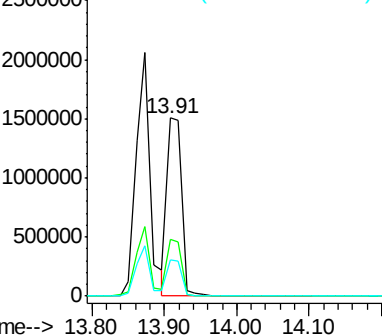
229 20.7 16.5 24.7

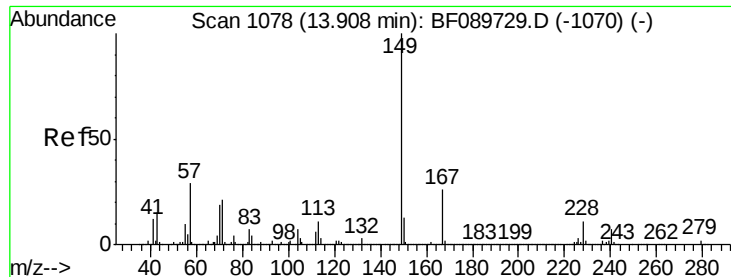


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.44 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

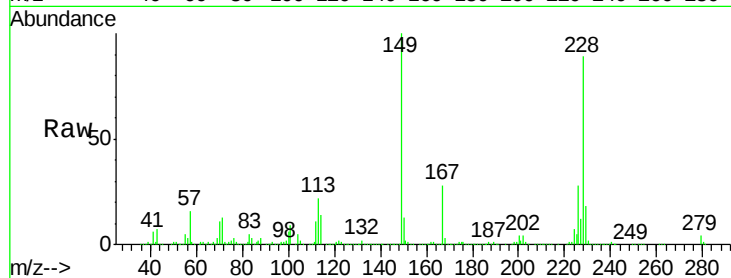
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 2142125

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.2	31.8
279	3.8	2.9	4.3

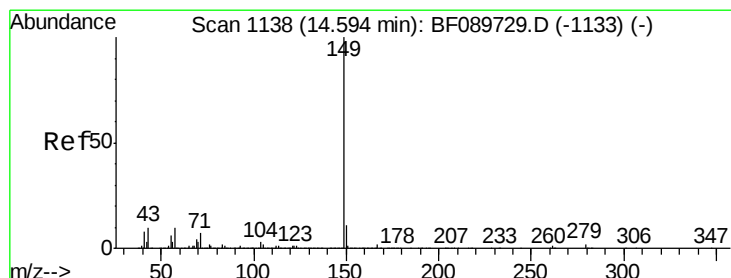
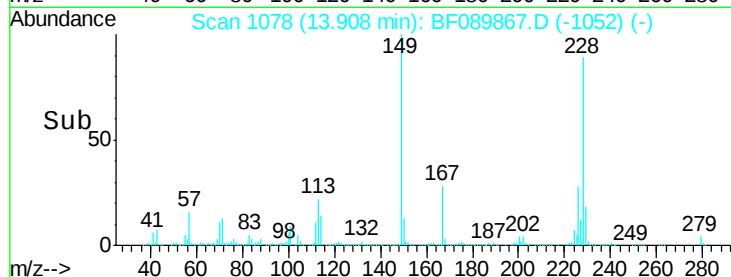
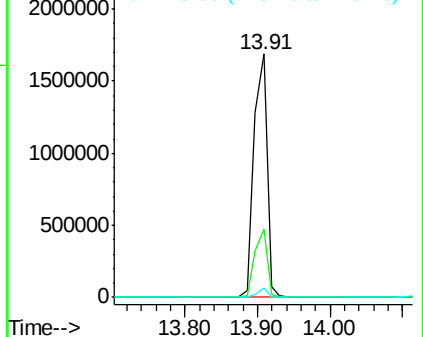


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.79 ng

RT: 14.61 min Scan# 1139

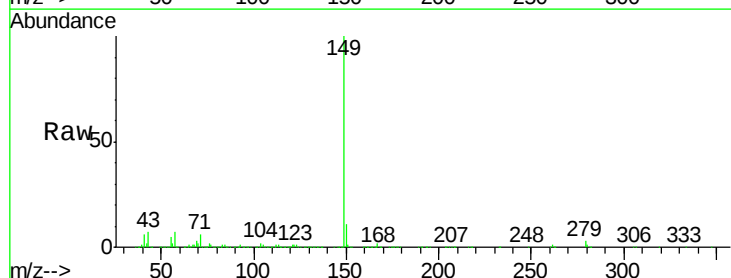
Delta R.T. 0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Tgt Ion:149 Resp: 3663403

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.9	8.4	12.6#

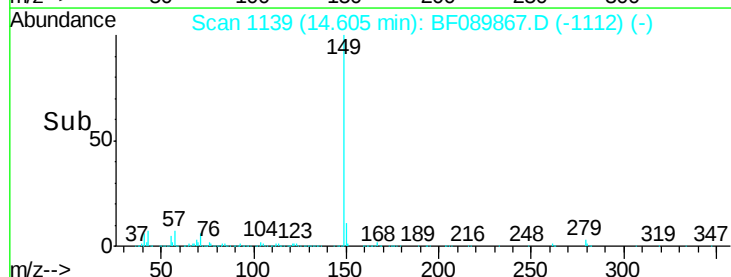
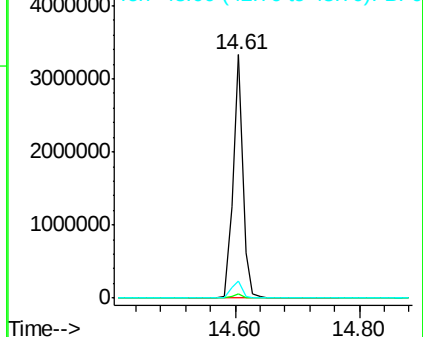


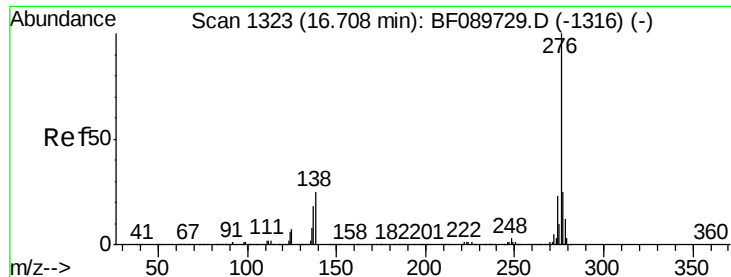
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



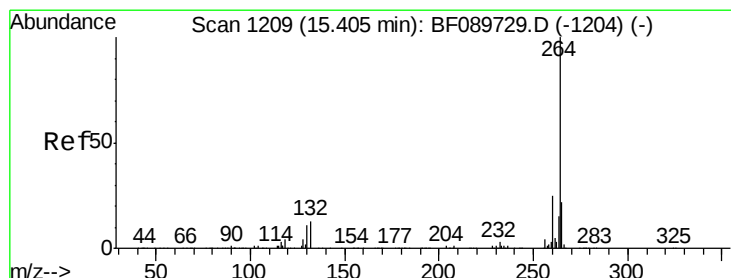
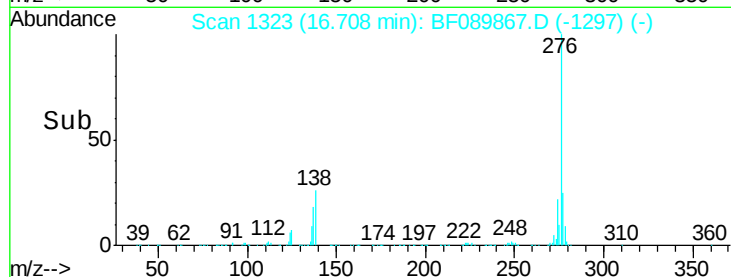
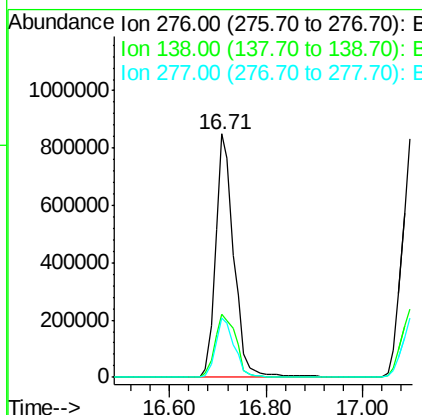
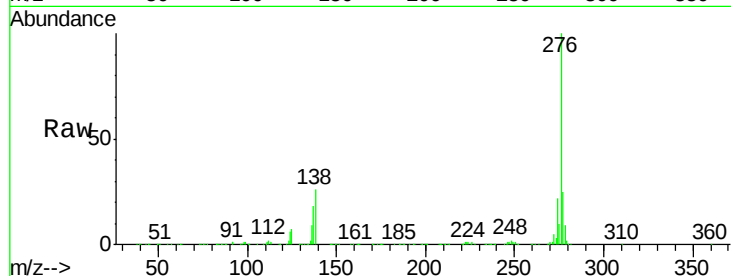


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.51 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 2250503

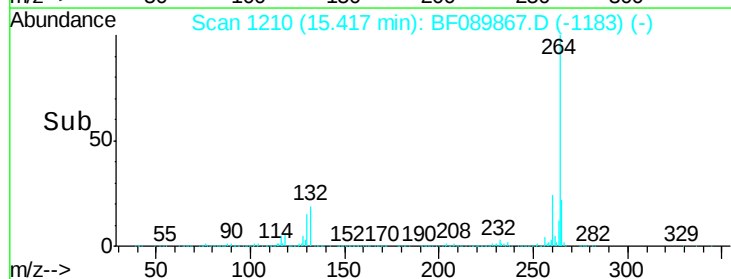
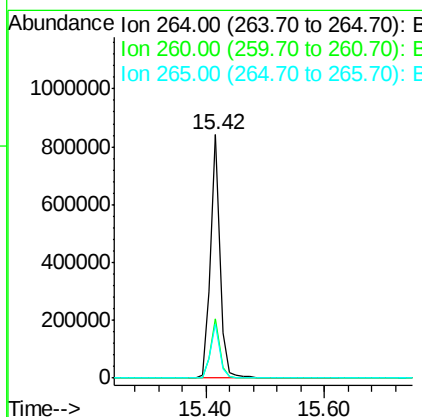
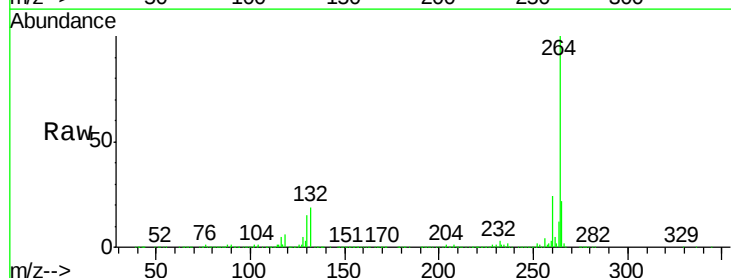
Ion	Ratio	Lower	Upper
276	100		
138	30.6	24.6	36.8
277	25.4	20.4	30.6

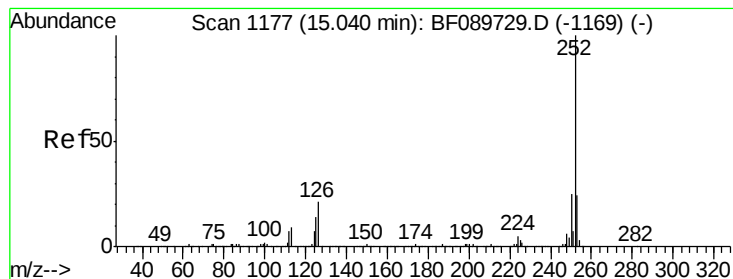


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion:264 Resp: 935624

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	22.3	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 76.01 ng

RT: 15.05 min Scan# 1178

Delta R.T. 0.05 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

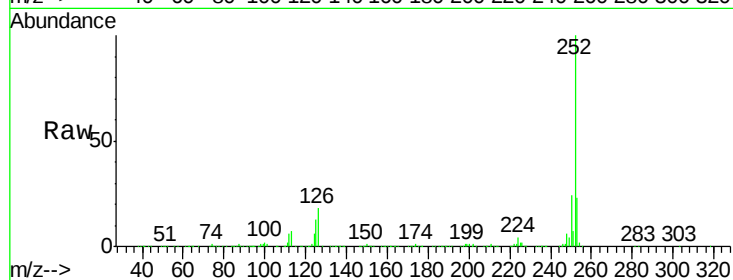
Tot Ion:252 Resp: 4505925

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

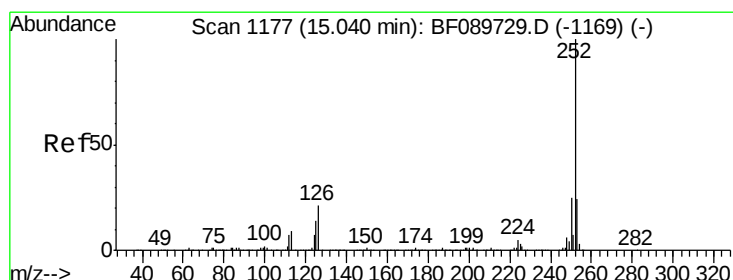
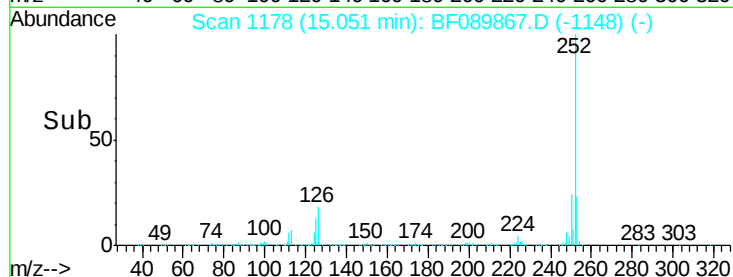
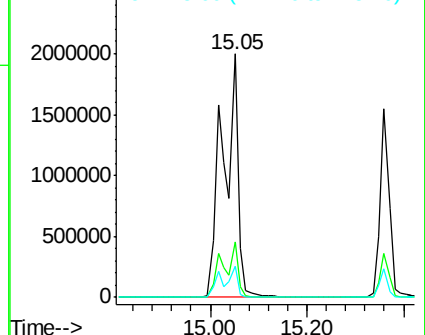
125 12.8 11.4 17.2



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: 92.42 ng

RT: 15.05 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

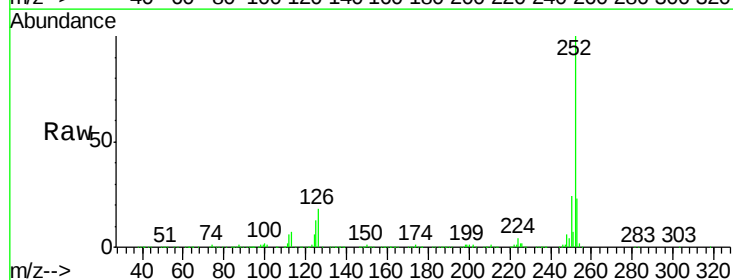
Tgt Ion:252 Resp: 4509658

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

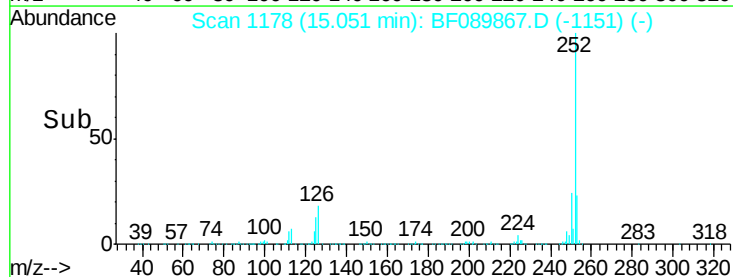
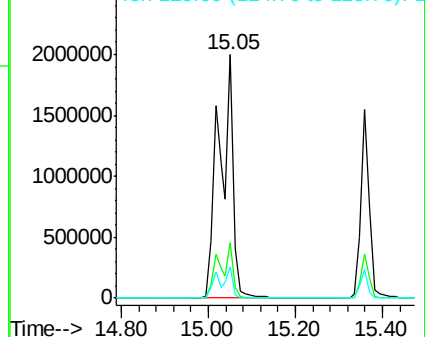
125 12.8 9.8 14.6

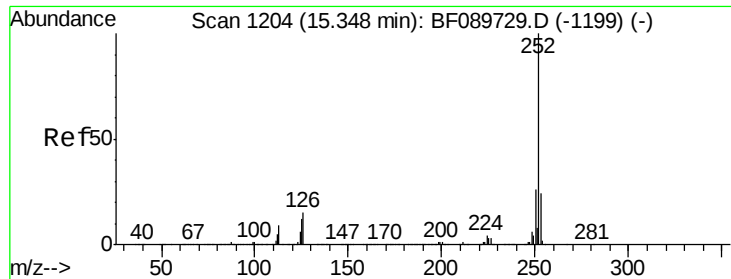


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

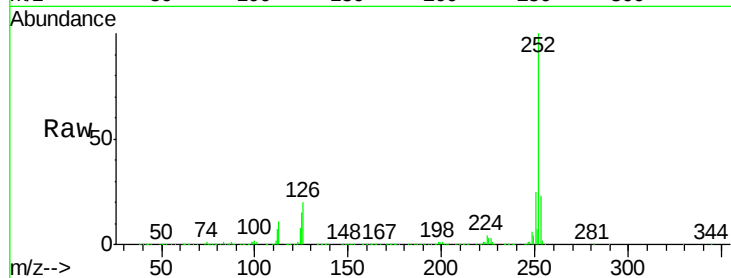




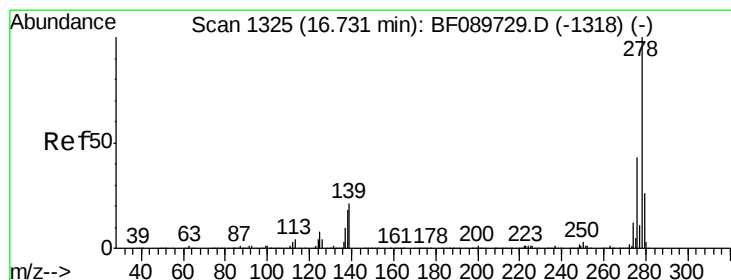
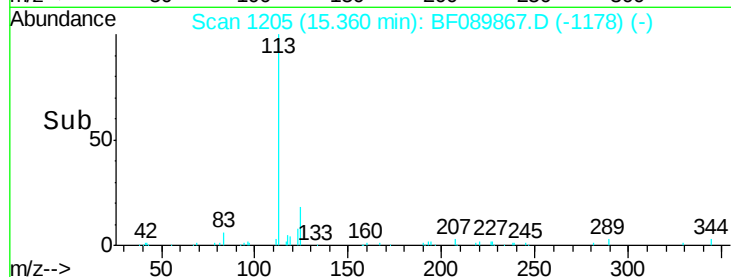
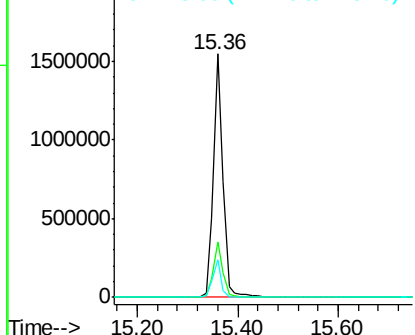
#89
Benzo(a)pyrene
Concen: 41.68 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2040130
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 15.3 11.7 17.5

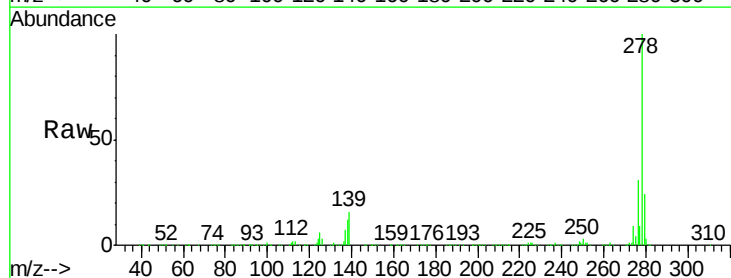


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

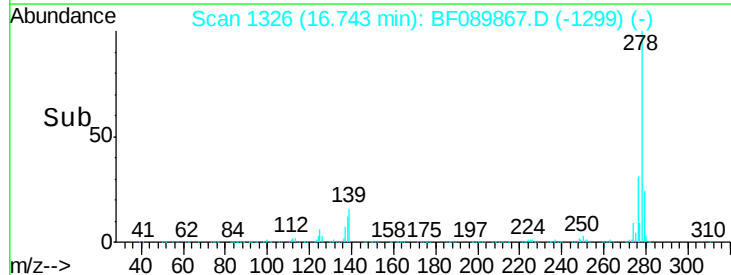
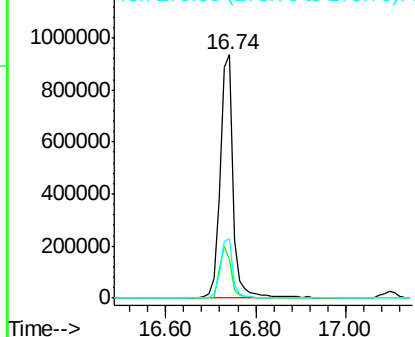


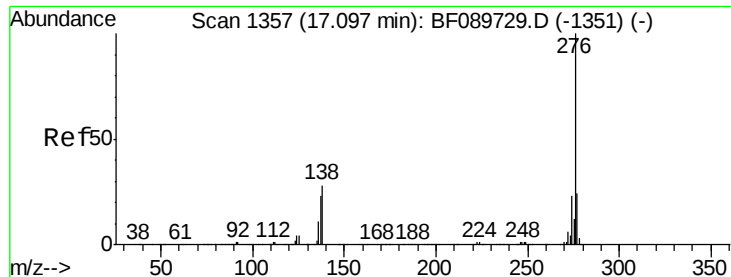
#90
Dibenzo(a,h)anthracene
Concen: 48.80 ng
RT: 16.74 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:278 Resp: 1880769
Ion Ratio Lower Upper
278 100
139 15.8 14.9 22.3
279 24.2 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: 49.37 ng
 RT: 17.10 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 1936648
 Ion Ratio Lower Upper
 276 100
 277 24.7 19.2 28.8
 138 28.4 22.1 33.1

