

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
 Data File : BF089313.D
 Acq On : 26 Jul 2016 18:35
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 19:08:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	42267	20.00	ng	-0.02
21) Naphthalene-d8	7.83	136	176896	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	86667	20.00	ng	-0.02
63) Phenanthrene-d10	11.05	188	158735	20.00	ng	-0.02
75) Chrysene-d12	13.67	240	119894	20.00	ng	-0.02
86) Perylene-d12	15.01	264	89646	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	216671	77.96	ng	-0.02
7) Phenol-d6	6.20	99	287633	80.26	ng	-0.02
23) Nitrobenzene-d5	7.12	82	265292	79.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	59808	76.65	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	511682	81.35	ng	-0.02
78) Terphenyl-d14	12.63	244	409794	74.14	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.95	88	49833	41.30	ng	98
3) Pyridine	2.56	79	120233	39.22	ng	95
4) n-Nitrosodimethylamine	2.54	42	43262	33.53	ng	100
6) Aniline	6.20	93	178018	36.76	ng	100
8) 2-Chlorophenol	6.33	128	127733	41.42	ng	96
9) Benzaldehyde	6.09	77	77436	41.47	ng	99
10) Phenol	6.22	94	172898	41.87	ng	84
11) bis(2-Chloroethyl)ether	6.30	93	129421	41.74	ng	98
12) 1,3-Dichlorobenzene	6.48	146	132529	38.92	ng	97
13) 1,4-Dichlorobenzene	6.56	146	145102	42.31	ng	96
14) 1,2-Dichlorobenzene	6.72	146	128011	39.59	ng	96
15) Benzyl Alcohol	6.71	79	95694	36.46	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.83	45	145284	41.12	ng	# 71
17) 2-Methylphenol	6.83	107	88933	36.61	ng	94
18) Hexachloroethane	7.05	117	53380	41.41	ng	95
19) n-Nitroso-di-n-propylamine	6.98	70	89339	38.11	ng	98
20) 3+4-Methylphenols	6.98	107	124843	37.86	ng	# 80
22) Acetophenone	6.97	105	185570	39.28	ng	# 99
24) Nitrobenzene	7.14	77	135489	38.59	ng	98
25) Isophorone	7.38	82	238075	38.80	ng	100
26) 2-Nitrophenol	7.45	139	62769	38.33	ng	95
27) 2,4-Dimethylphenol	7.51	122	101324	36.72	ng	98
28) bis(2-Chloroethoxy)methane	7.60	93	157532	41.05	ng	99
29) 2,4-Dichlorophenol	7.70	162	102326	41.15	ng	96
30) 1,2,4-Trichlorobenzene	7.78	180	108587	39.45	ng	99
31) Naphthalene	7.85	128	359896	37.70	ng	100
32) Benzoic acid	7.67	122	82370	38.82	ng	95
33) 4-Chloroaniline	7.92	127	148922	37.09	ng	98
34) Hexachlorobutadiene	7.98	225	64392	42.03	ng	96
35) Caprolactam	8.30	113	30361	39.32	ng	# 88
36) 4-Chloro-3-methylphenol	8.41	107	120745	40.30	ng	97
37) 2-Methylnaphthalene	8.55	142	224907	36.94	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	118912	36.92	ng	99
40) Hexachlorocyclopentadiene	8.70	237	38318	40.23	ng	98

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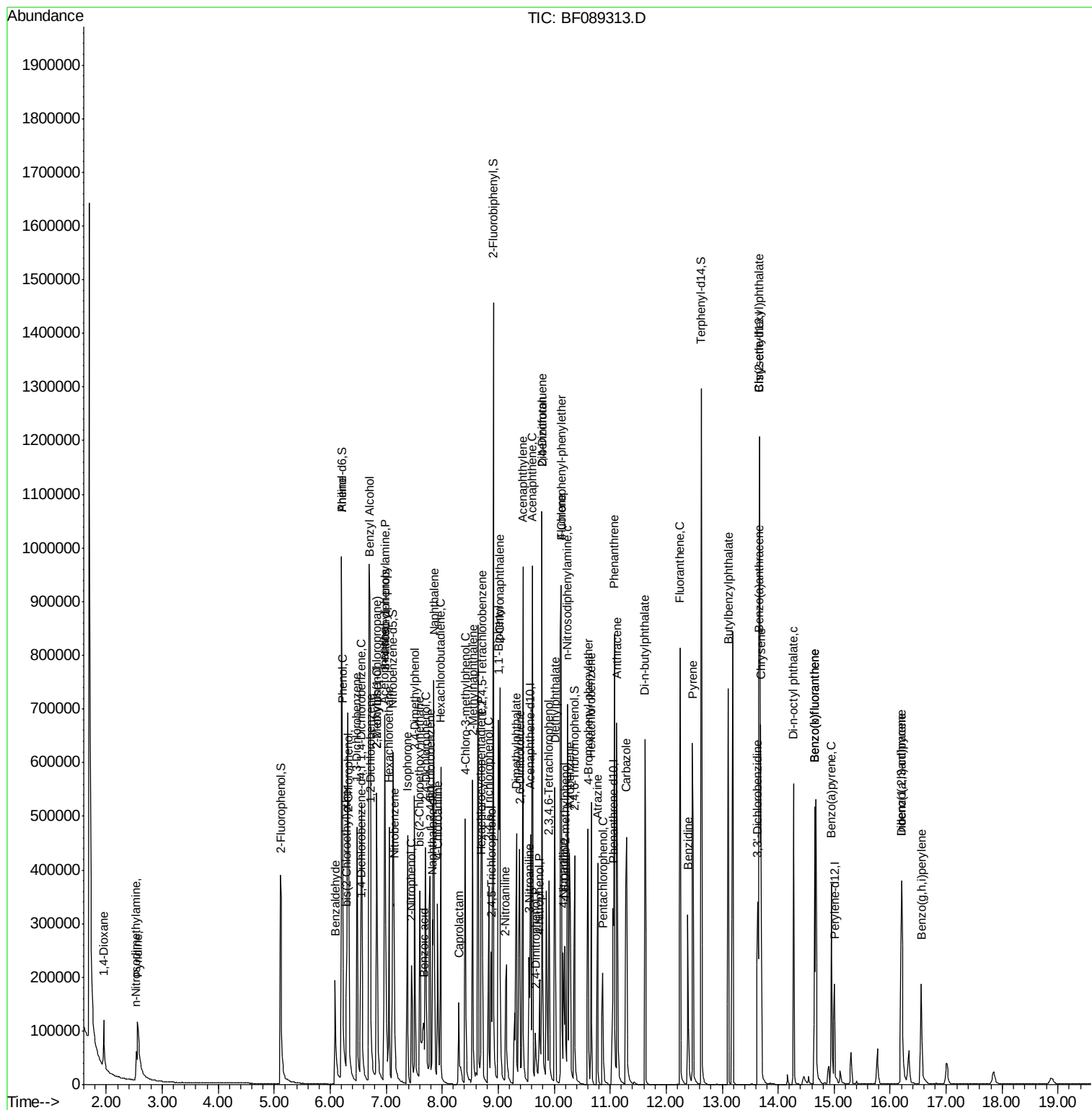
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	61667	34.20	nq	98
43) 2,4,5-Trichlorophenol	8.88	196	70065	38.71	nq	99
45) 1,1'-Biphenyl	9.00	154	284528	36.45	nq	99
46) 2-Chloronaphthalene	9.03	162	229038	38.62	nq	99
47) 2-Nitroaniline	9.13	65	72752	35.76	nq	# 84
48) Acenaphthylene	9.44	152	373003	40.00	nq	99
49) Dimethylphthalate	9.32	163	260073	39.11	nq	100
50) 2,6-Dinitrotoluene	9.38	165	58601	39.03	nq	93
51) Acenaphthene	9.61	154	217224	39.38	nq	99
52) 3-Nitroaniline	9.55	138	64103	35.95	nq	92
53) 2,4-Dinitrophenol	9.67	184	20976	33.00	nq	92
54) Dibenzofuran	9.78	168	291341	39.09	nq	99
55) 4-Nitrophenol	9.74	139	38076	35.29	nq	95
56) 2,4-Dinitrotoluene	9.78	165	71897	37.17	nq	92
57) Fluorene	10.12	166	244029	38.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	52840	40.65	nq	# 93
59) Diethylphthalate	10.01	149	243236	36.89	nq	98
60) 4-Chlorophenyl-phenylether	10.12	204	105489	36.52	nq	97
61) 4-Nitroaniline	10.16	138	63177	36.41	nq	97
62) Azobenzene	10.27	77	266410	37.17	nq	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	37566	40.65	nq	85
65) n-Nitrosodiphenylamine	10.24	169	211307	39.83	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	67508	42.98	nq	92
67) Hexachlorobenzene	10.66	284	63449	37.55	nq	# 59
68) Atrazine	10.78	200	63748	38.43	nq	98
69) Pentachlorophenol	10.87	266	33382	42.83	nq	99
70) Phenanthrene	11.07	178	354120	40.67	nq	99
71) Anthracene	11.12	178	359947	39.77	nq	99
72) Carbazole	11.29	167	317413	39.93	nq	99
73) Di-n-butylphthalate	11.62	149	388484	39.51	nq	100
74) Fluoranthene	12.25	202	380132	41.53	nq	95
76) Benzidine	12.39	184	174818	42.41	nq	99
77) Pyrene	12.47	202	361235	36.48	nq	99
79) Butylbenzylphthalate	13.11	149	171494	40.94	nq	95
80) Benzo(a)anthracene	13.66	228	278651	36.49	nq	99
81) 3,3'-Dichlorobenzidine	13.63	252	95693	37.78	nq	# 97
82) Chrysene	13.69	228	260456	35.71	nq	100
83) Bis(2-ethylhexyl)phthalate	13.67	149	226747	40.81	nq	100
84) Di-n-octyl phthalate	14.27	149	377680	41.20	nq	99
85) Indeno(1,2,3-cd)pyrene	16.21	276	185823	35.08	nq	99
87) Benzo(b)fluoranthene	14.65	252	457378	70.44	nq	96
88) Benzo(k)fluoranthene	14.65	252	457378	98.51	nq	# 97
89) Benzo(a)pyrene	14.95	252	207271	41.12	nq	99
90) Dibenzo(a,h)anthracene	16.21	278	163577	41.10	nq	# 92
91) Benzo(g,h,i)perylene	16.56	276	162623	40.53	nq	99

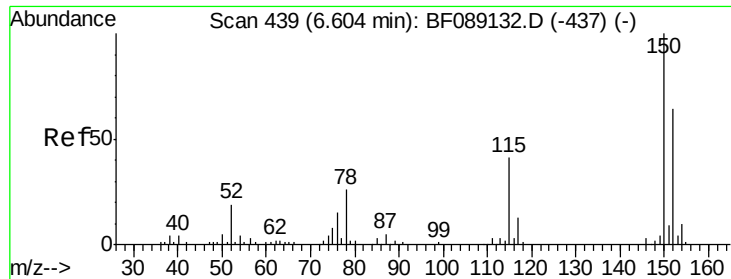
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
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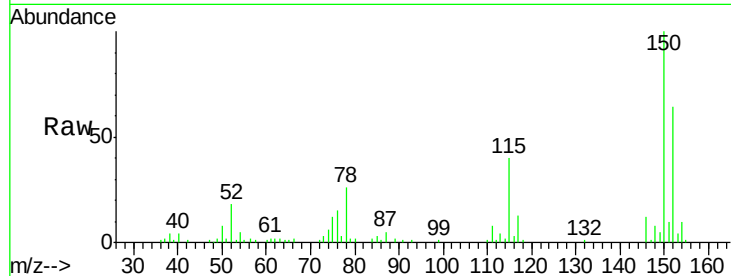


#1

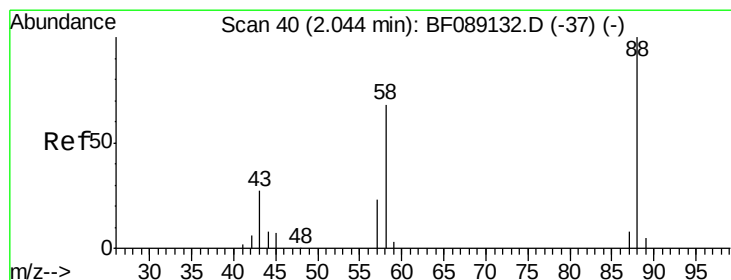
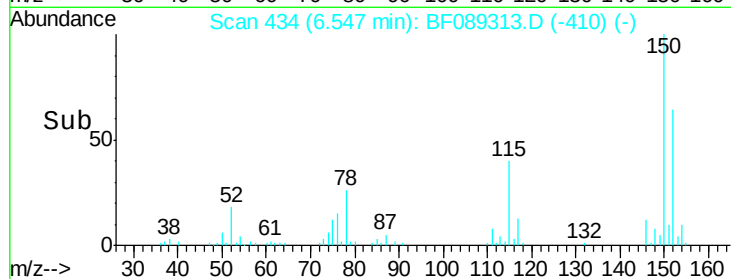
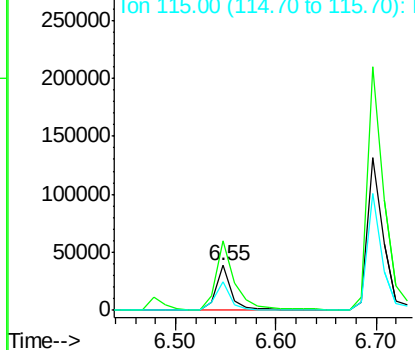
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 42267
Ion Ratio Lower Upper
152 100
150 156.6 125.1 187.7
115 62.6 51.1 76.7



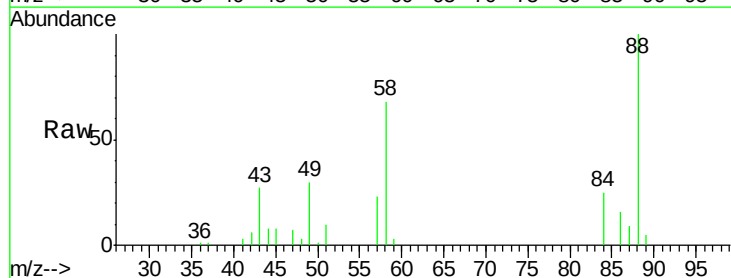
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



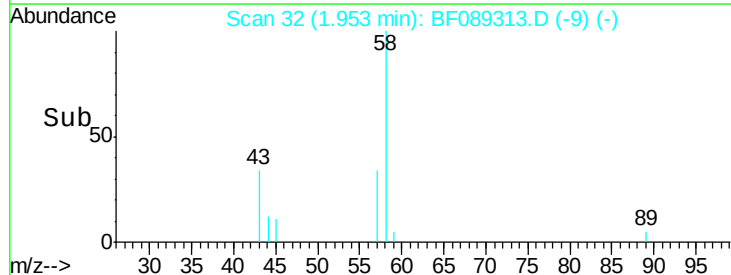
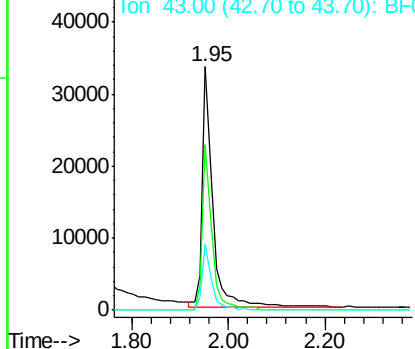
#2

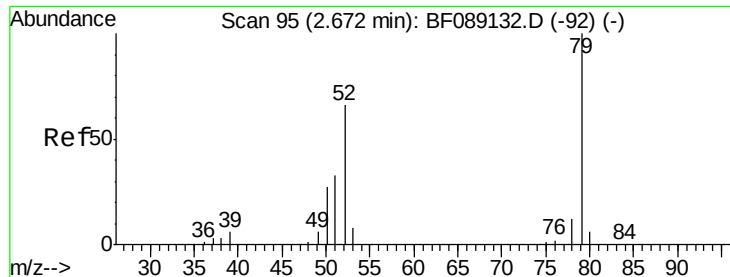
1,4-Dioxane
Concen: 41.30 ng
RT: 1.95 min Scan# 32
Delta R.T. -0.03 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion: 88 Resp: 49833
Ion Ratio Lower Upper
88 100
58 63.3 49.2 73.8
43 25.1 20.6 30.8



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: 39.22 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.05 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :

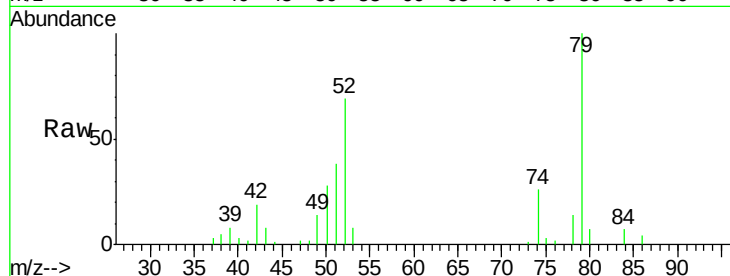
Tot Ion: 79 Resp: 120233

Ion Ratio Lower Upper

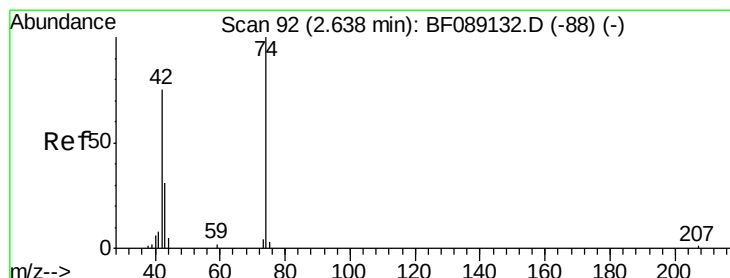
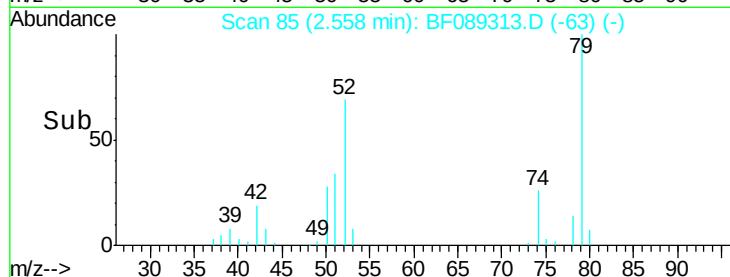
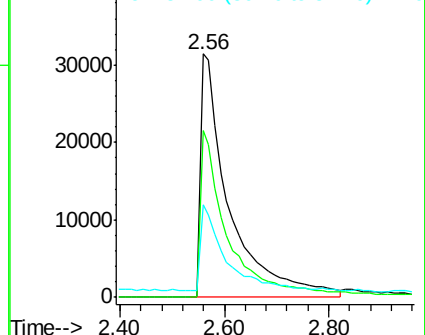
79 100

52 68.7 52.9 79.3

51 37.8 27.0 40.6



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: 33.53 ng

RT: 2.54 min Scan# 83

Delta R.T. -0.05 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

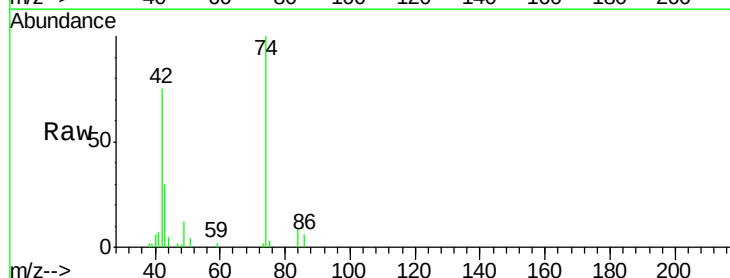
Tgt Ion: 42 Resp: 43262

Ion Ratio Lower Upper

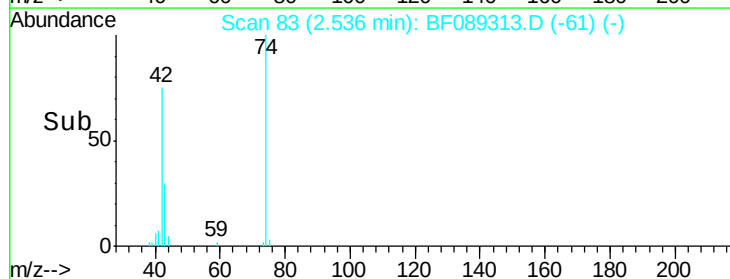
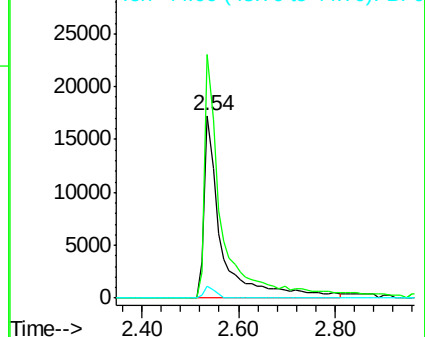
42 100

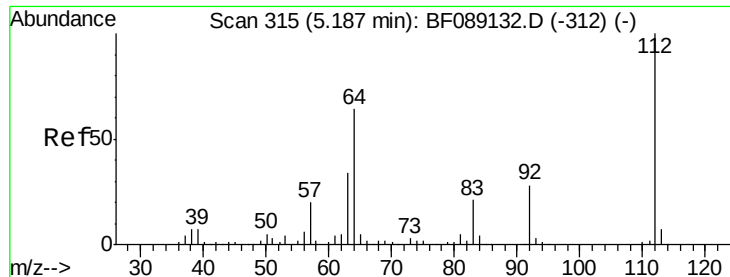
74 133.2 106.4 159.6

44 6.3 5.2 7.8



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: 77.96 ng

RT: 5.12 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampled :

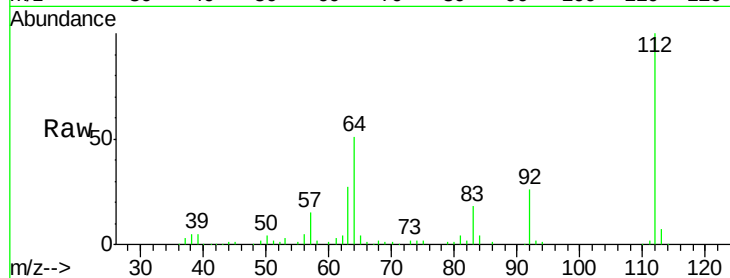
Tot Ion: 112 Resp: 216671

Ion Ratio Lower Upper

112 100

64 51.4 51.0 76.4

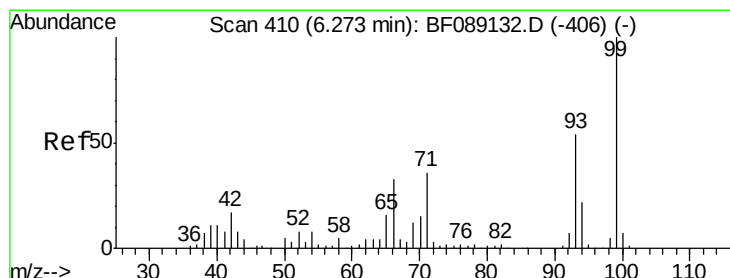
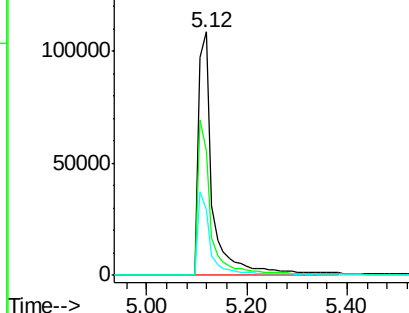
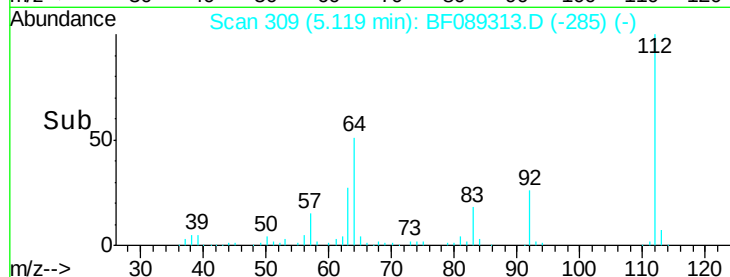
63 26.9 27.3 40.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.76 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

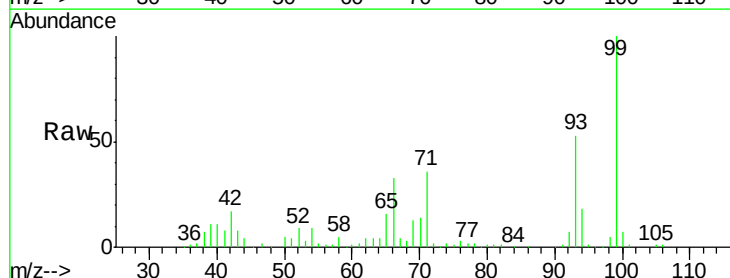
Tgt Ion: 93 Resp: 178018

Ion Ratio Lower Upper

93 100

66 61.3 48.9 73.3

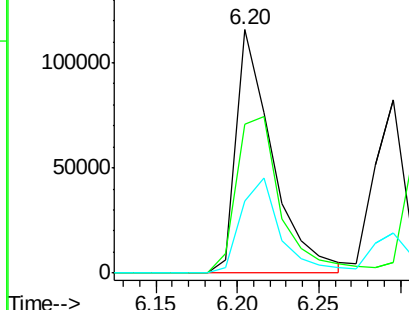
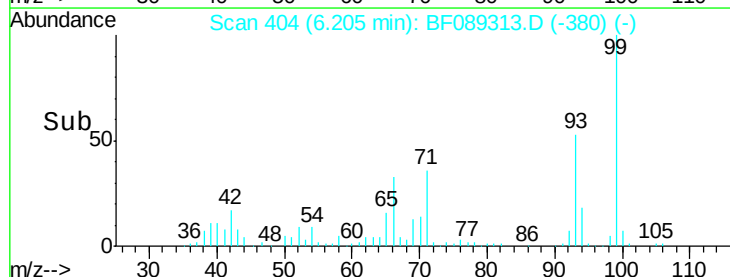
65 29.8 23.9 35.9

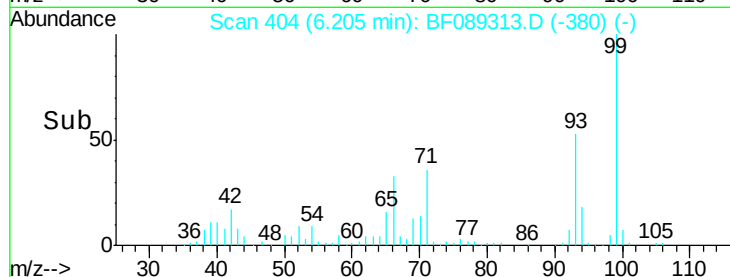
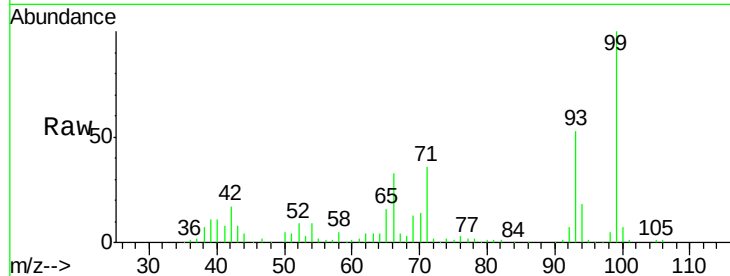
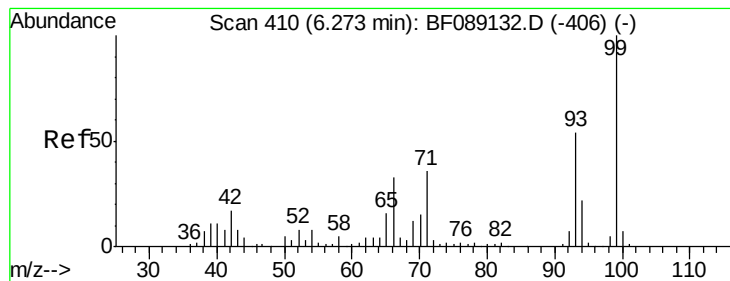


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.26 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

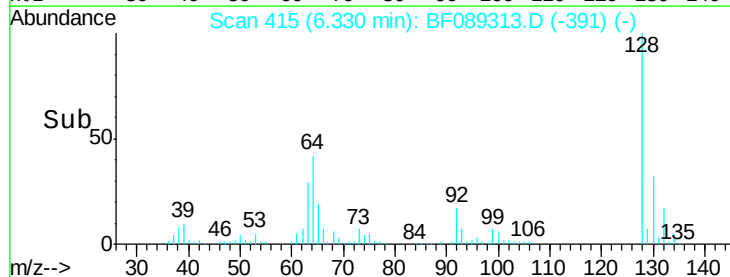
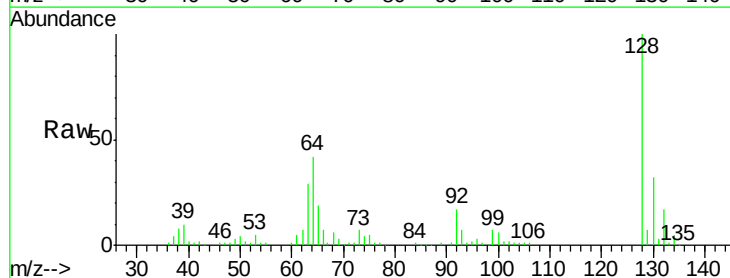
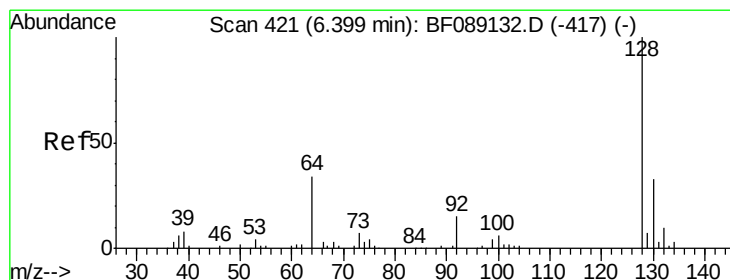
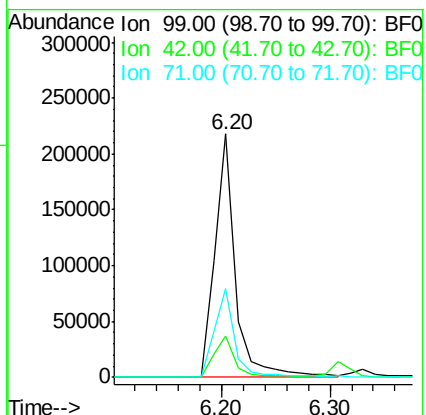
Tot Ion: 99 Resp: 287633

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

71 36.4 28.9 43.3



#8

2-Chlorophenol

Concen: 41.42 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

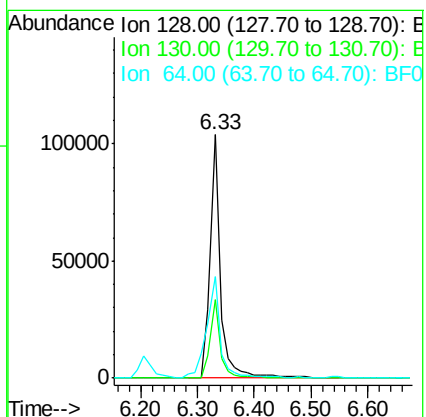
Tgt Ion: 128 Resp: 127733

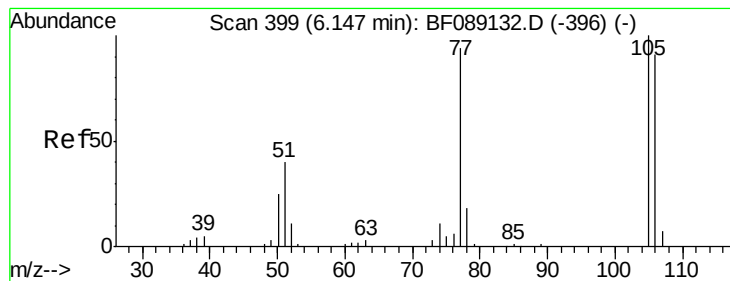
Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

64 41.6 17.5 57.5





#9

Benzaldehyde

Concen: 41.47 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.02 min

Lab File: BF089313.D

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ClientSampleId :

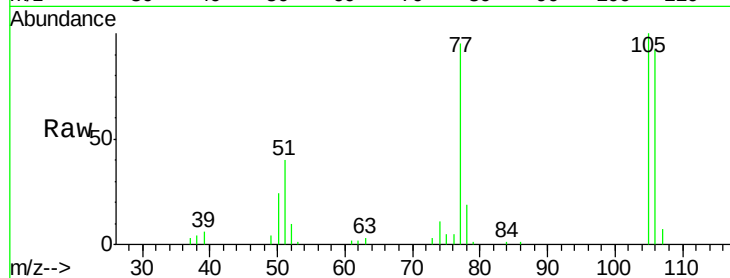
Tot Ion: 77 Resp: 77436

Ion Ratio Lower Upper

77 100

105 105.3 86.2 126.2

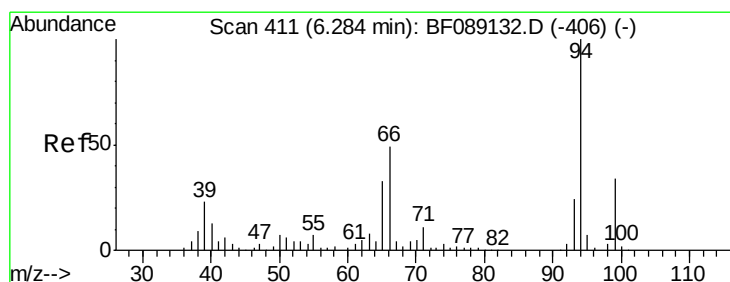
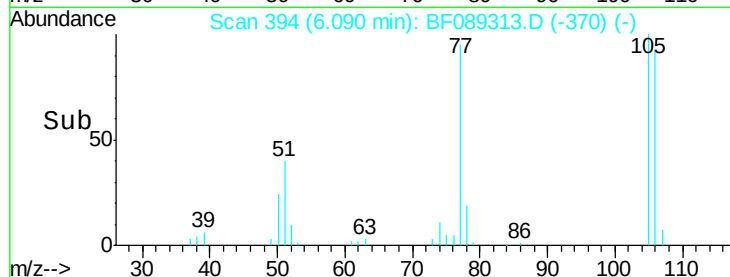
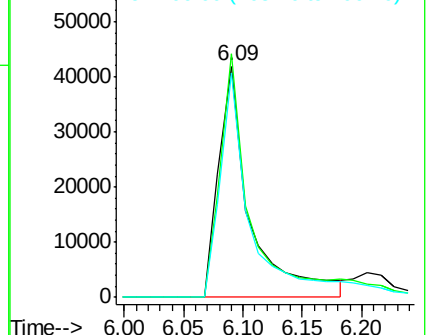
106 97.0 76.3 116.3



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: 41.87 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

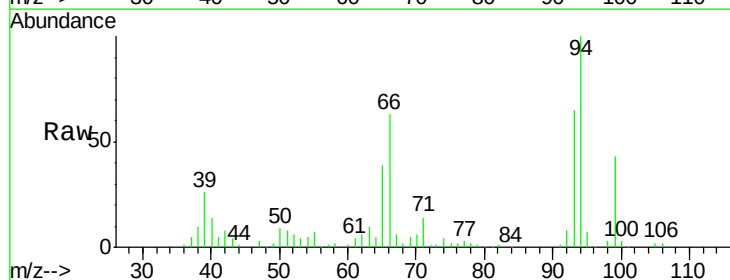
Tgt Ion: 94 Resp: 172898

Ion Ratio Lower Upper

94 100

65 38.7 13.3 53.3

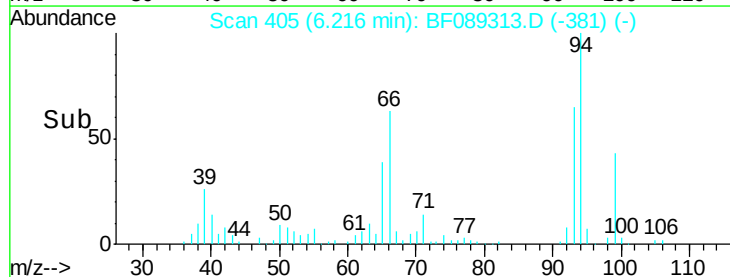
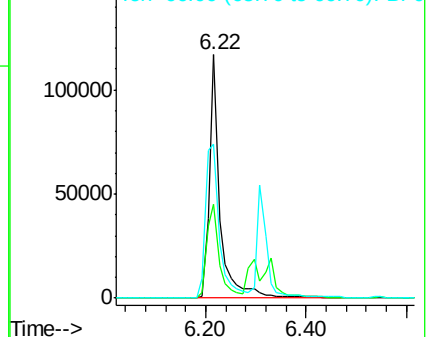
66 63.4 29.3 69.3

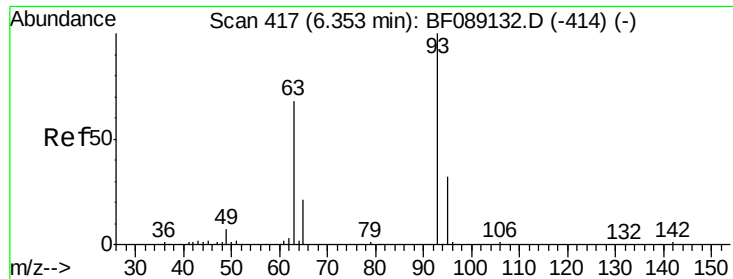


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.74 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

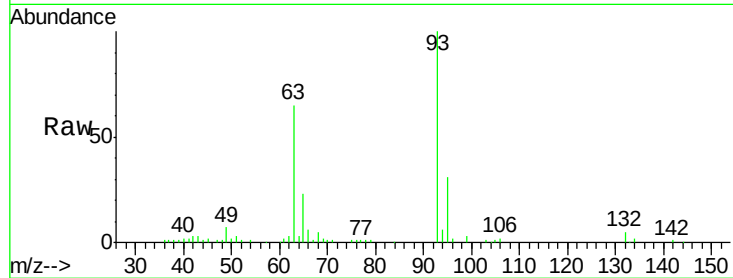
Tot Ion: 93 Resp: 129421

Ion Ratio Lower Upper

93 100

63 65.4 47.3 87.3

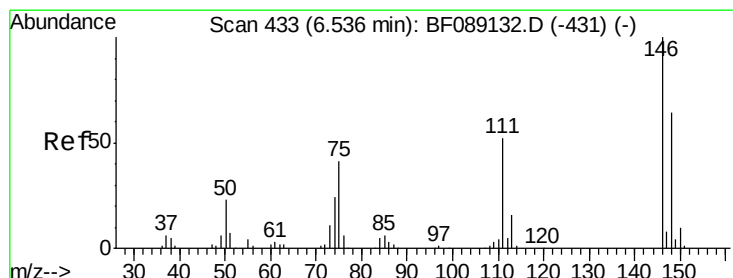
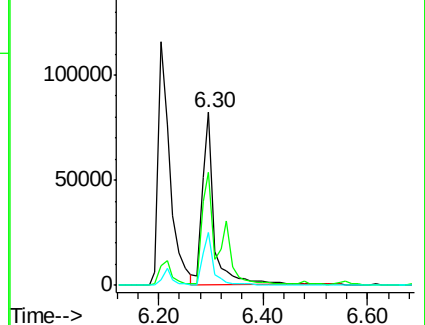
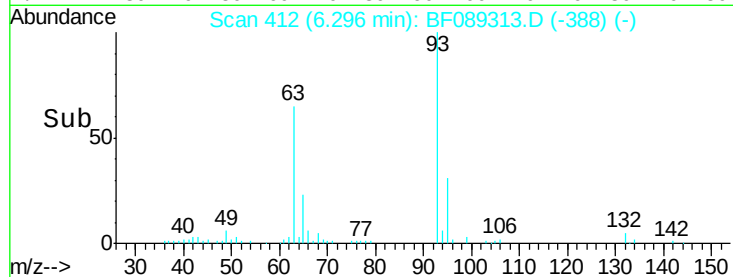
95 30.7 11.8 51.8



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: 38.92 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

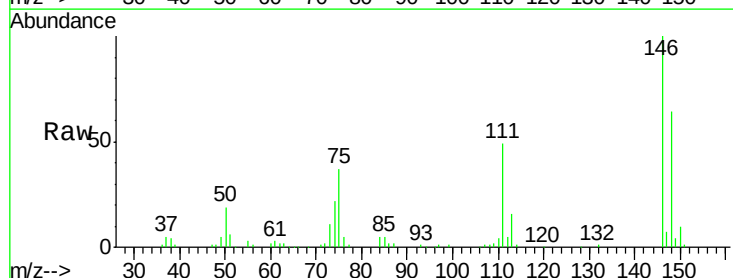
Tgt Ion: 146 Resp: 132529

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

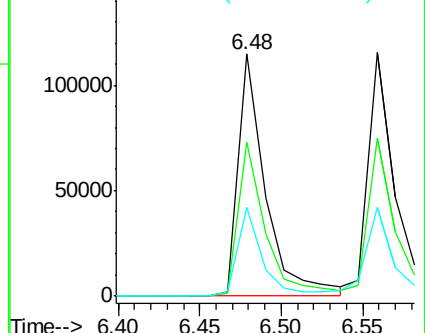
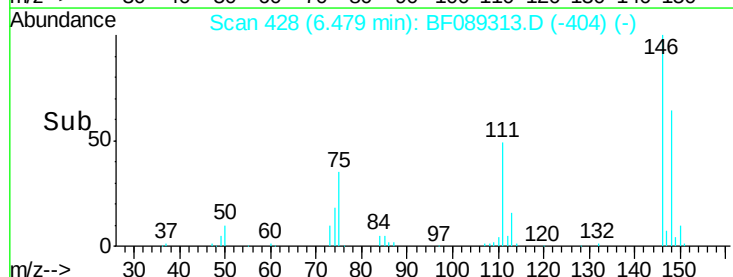
75 36.5 32.5 48.7

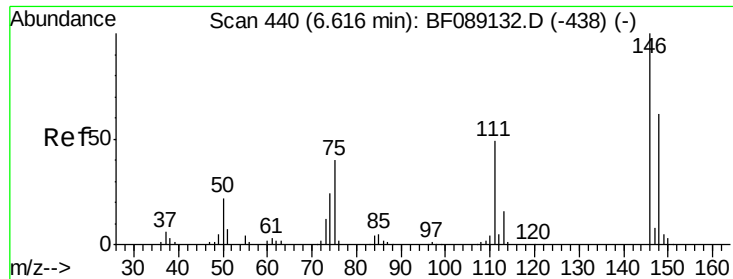


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

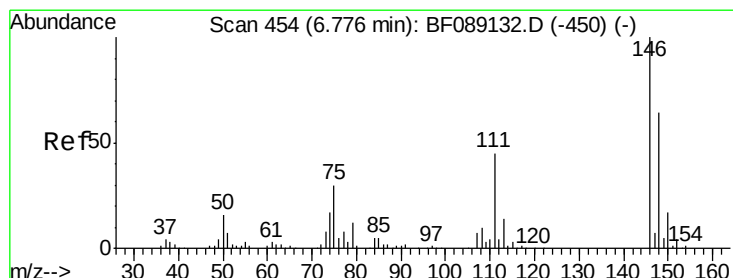
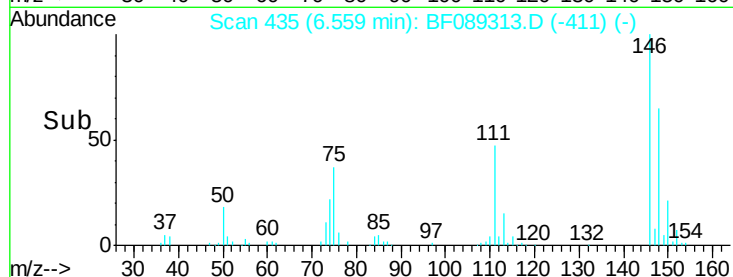
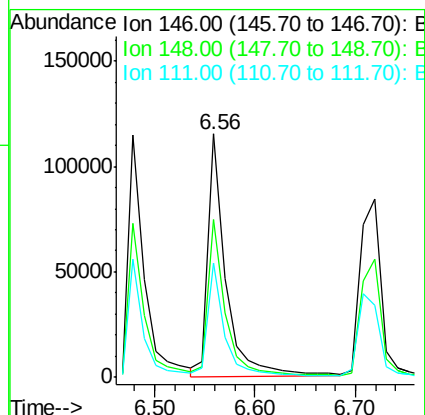
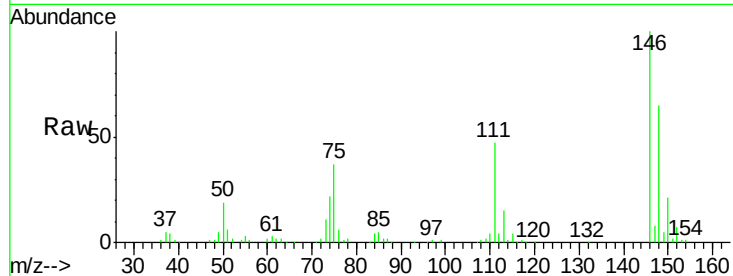




#13
1,4-Dichlorobenzene
Concen: 42.31 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

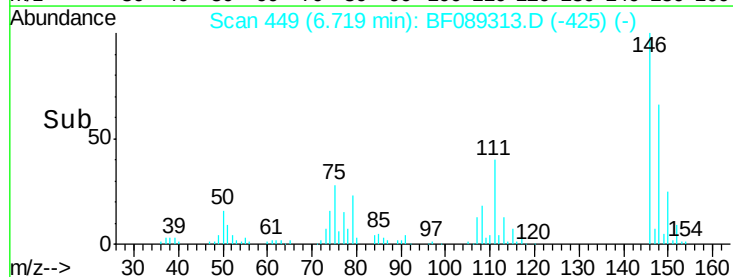
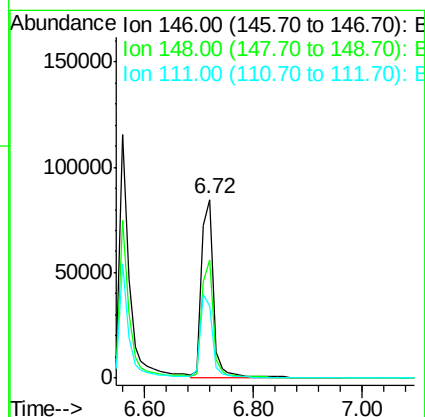
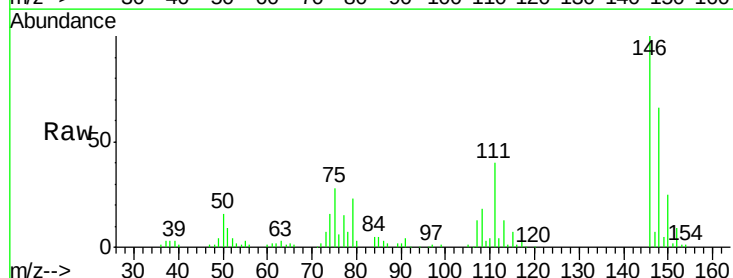
Instrument :
BNA_F
ClientSampled :

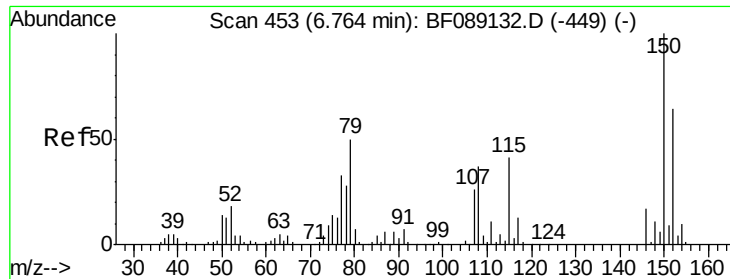
Tot Ion:146 Resp: 145102
Ion Ratio Lower Upper
146 100
148 65.1 49.9 74.9
111 47.2 39.8 59.6



#14
1,2-Dichlorobenzene
Concen: 39.59 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion:146 Resp: 128011
Ion Ratio Lower Upper
146 100
148 66.1 51.4 77.0
111 40.5 35.9 53.9

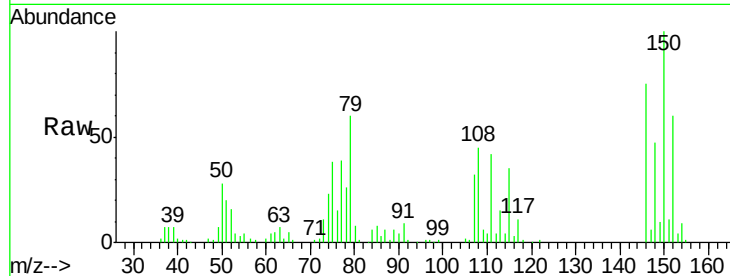




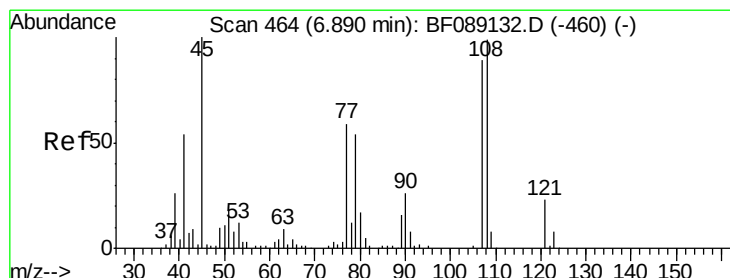
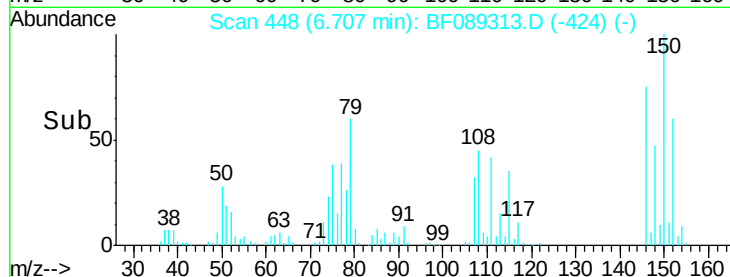
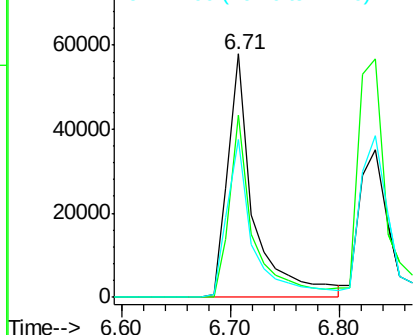
#15
Benzyl Alcohol
Concen: 36.46 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 95694
Ion Ratio Lower Upper
79 100
108 74.8 58.2 87.4
77 65.1 52.2 78.4

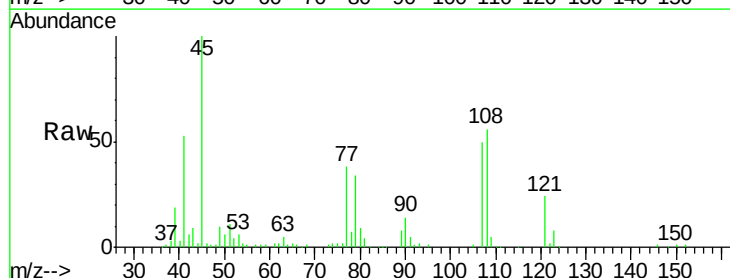


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

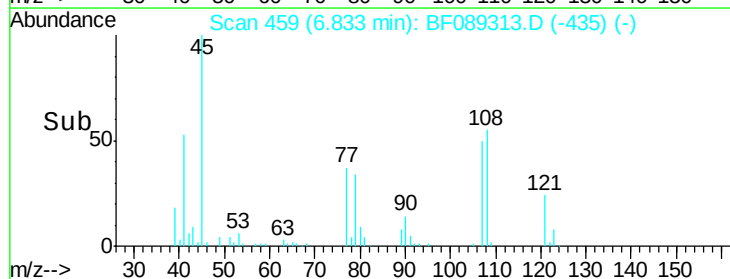
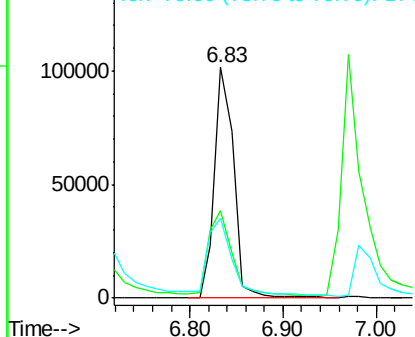


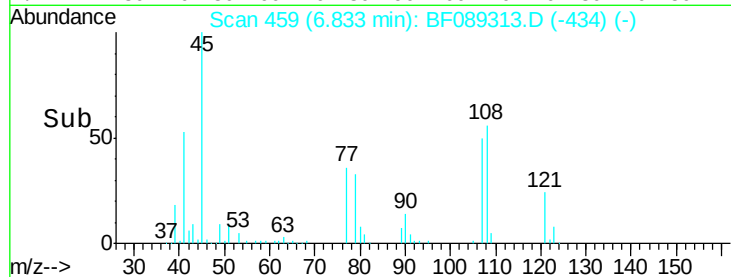
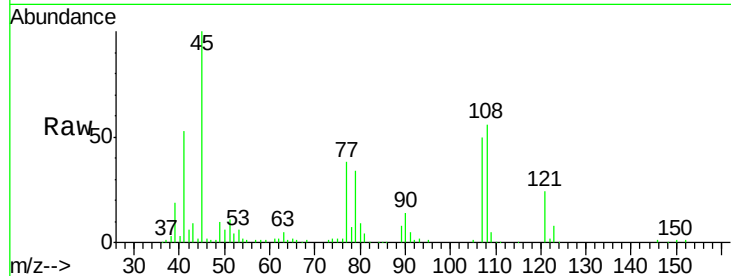
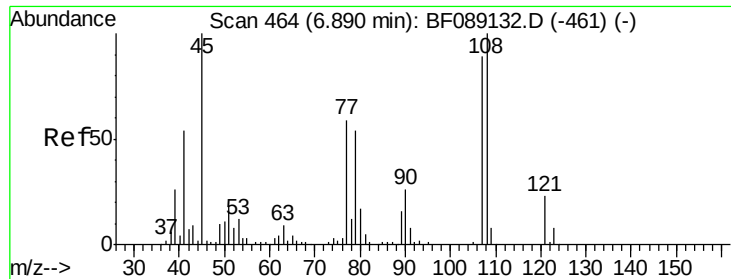
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.12 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion: 45 Resp: 145284
Ion Ratio Lower Upper
45 100
77 37.8 39.7 79.7#
79 34.5 34.7 74.7#



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: 36.61 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 88933

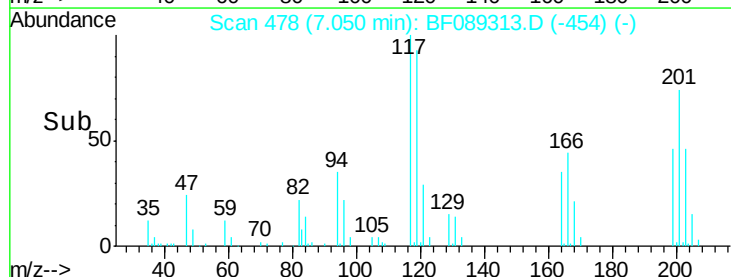
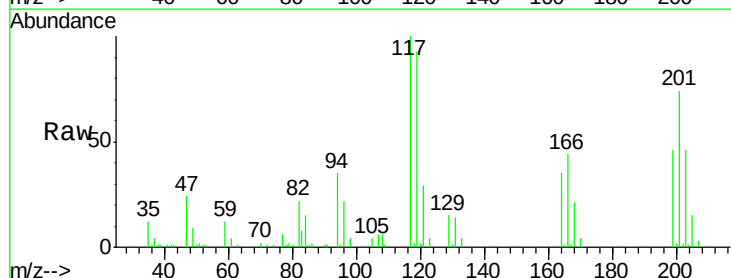
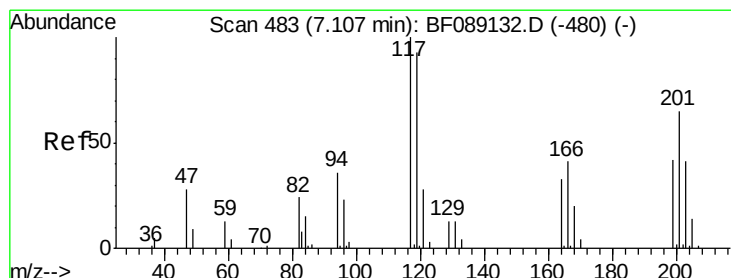
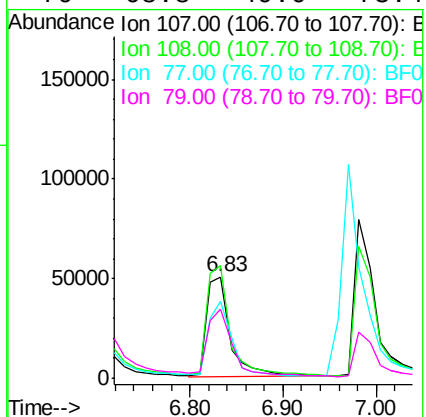
Ion Ratio Lower Upper

107 100

108 111.4 89.4 134.2

77 75.4 53.4 80.0

79 68.8 49.0 73.4



#18

Hexachloroethane

Concen: 41.41 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

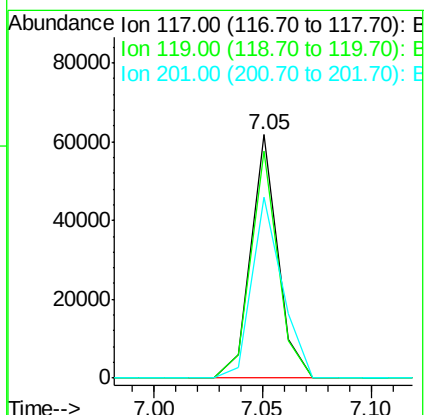
Tgt Ion:117 Resp: 53380

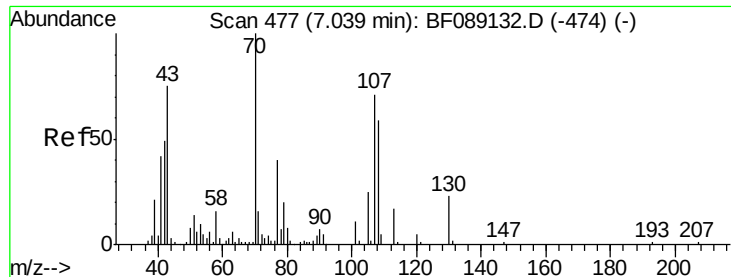
Ion Ratio Lower Upper

117 100

119 93.2 74.5 111.7

201 74.4 51.8 77.6

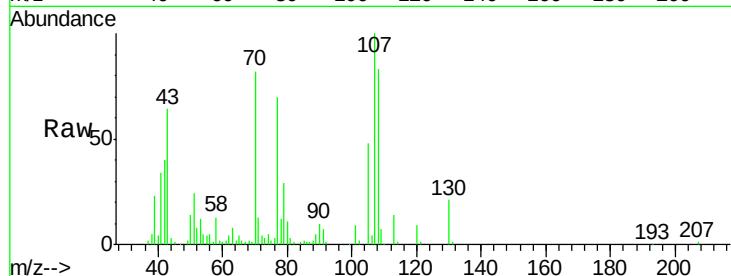




#19
n-Nitroso-di-n-propylamine
Concen: 38.11 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.3	39.2	58.8
101	10.5	8.5	12.7
130	25.2	18.4	27.6



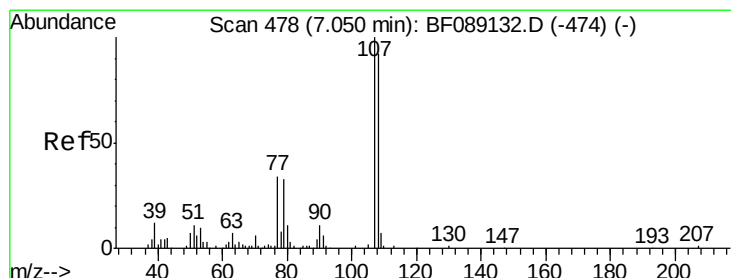
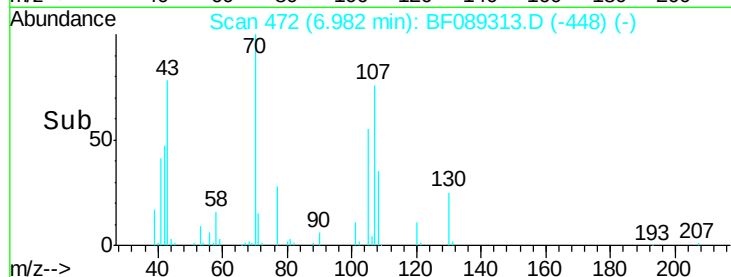
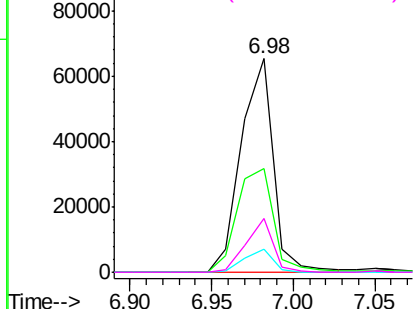
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20
3+4-Methylphenols
Concen: 37.86 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.7	72.5	112.5
77	70.3	17.7	57.7#
79	29.2	12.9	52.9

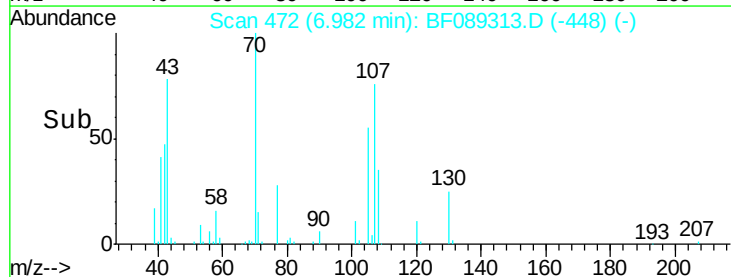
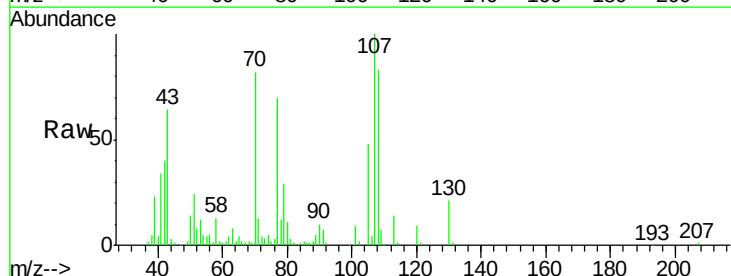
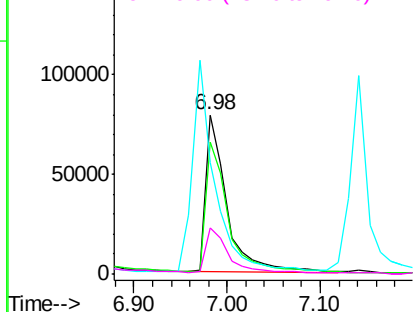
Abundance

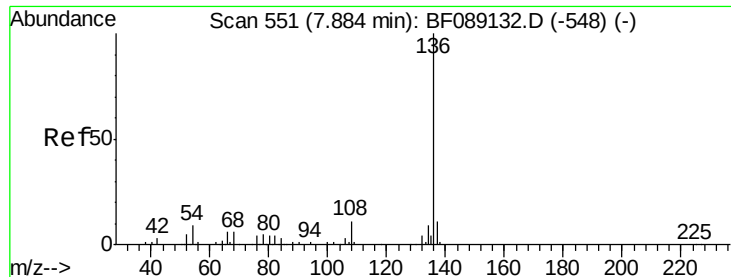
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 176896

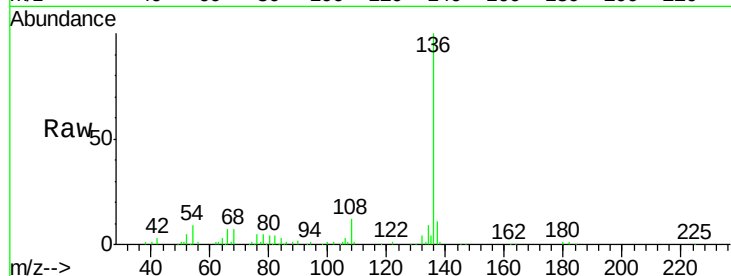
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.1 7.0 10.4

68 6.6 5.0 7.6

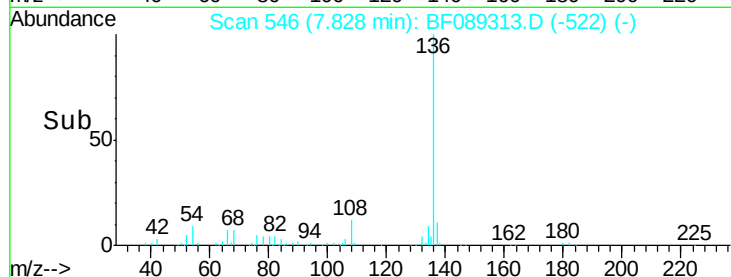


Abundance Ion 136.00 (135.70 to 136.70): E

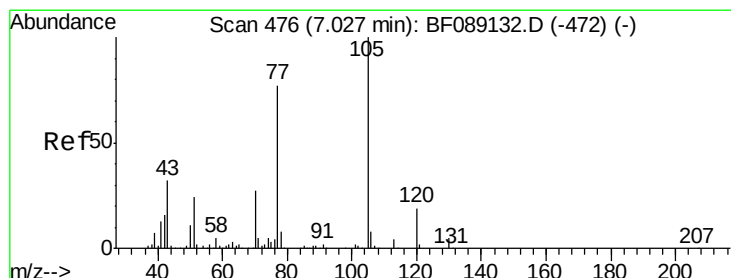
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.70 7.80 7.90 8.00



#22

Acetophenone

Concen: 39.28 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Tgt Ion:105 Resp: 185570

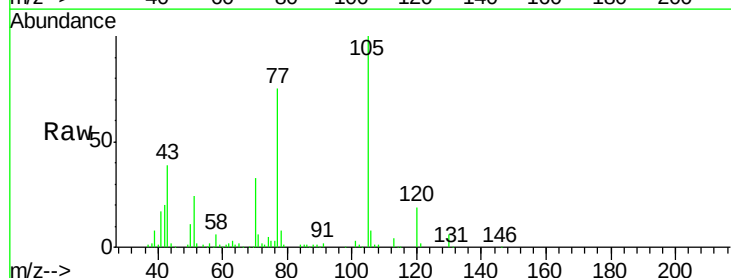
Ion Ratio Lower Upper

105 100

71 5.7 3.8 5.6#

51 24.1 19.6 29.4

120 19.5 15.5 23.3

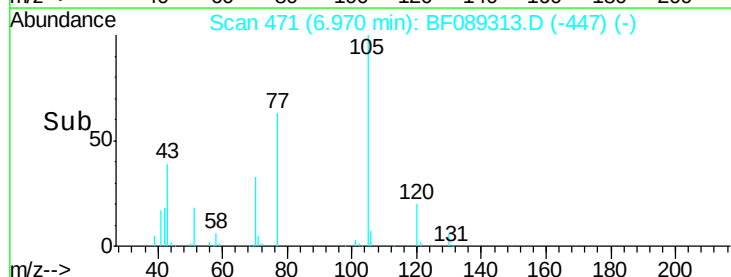


Abundance Ion 105.00 (104.70 to 105.70): E

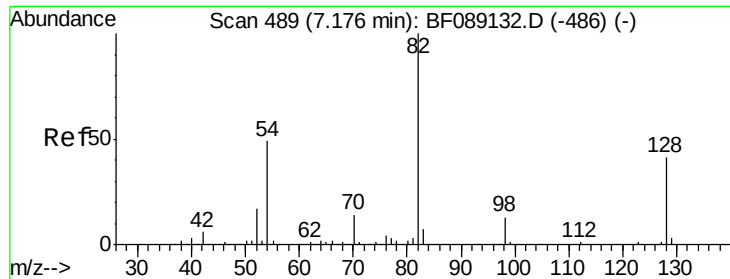
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



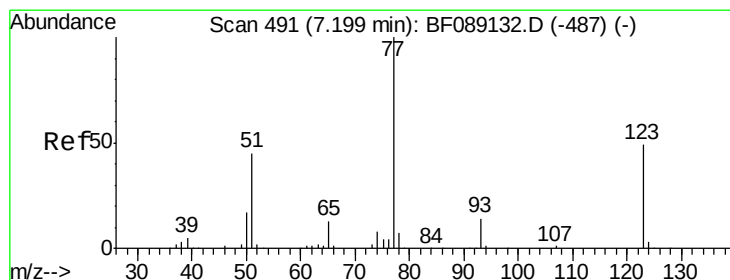
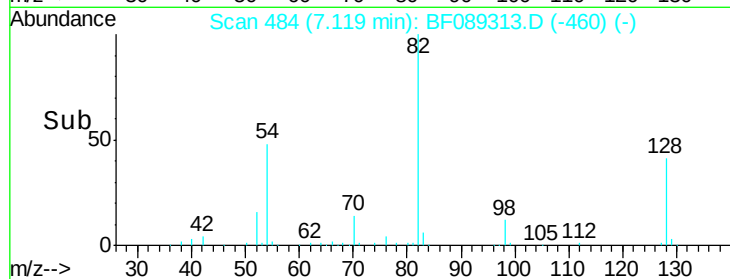
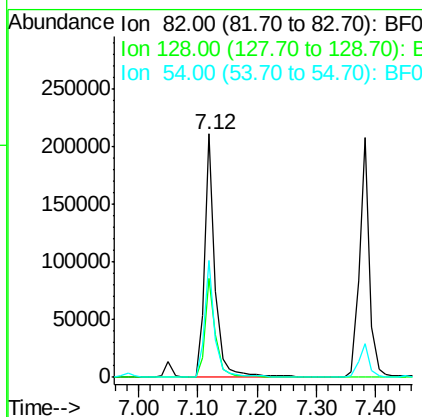
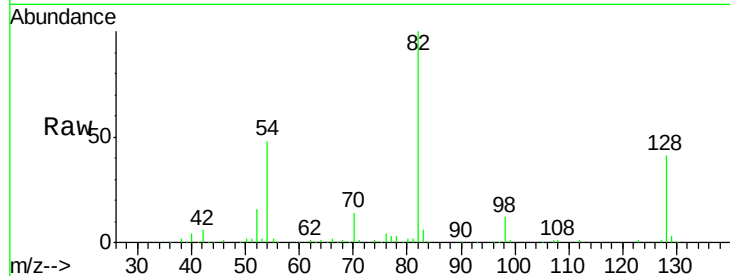
Time--> 6.80 7.00 7.20



#23
 Nitrobenzene-d5
 Concen: 79.68 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

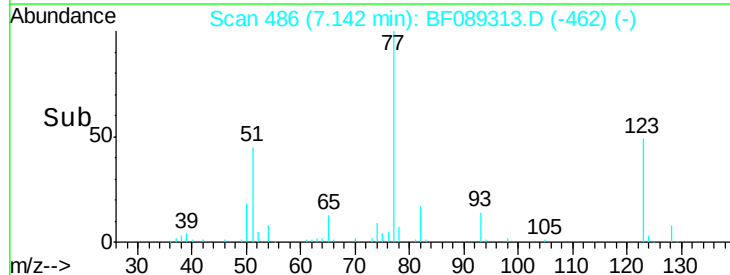
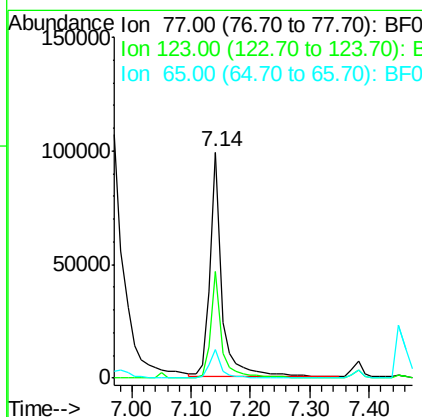
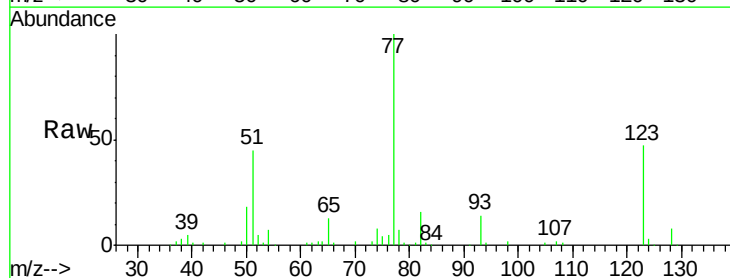
Instrument :
 BNA_F
 ClientSampleId :

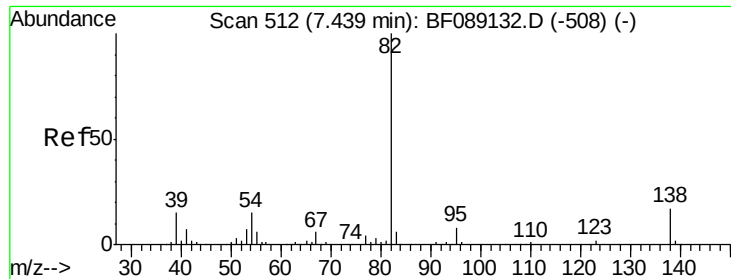
Tot Ion: 82 Resp: 265292
 Ion Ratio Lower Upper
 82 100
 128 40.6 33.0 49.6
 54 48.2 39.0 58.4



#24
 Nitrobenzene
 Concen: 38.59 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Tgt Ion: 77 Resp: 135489
 Ion Ratio Lower Upper
 77 100
 123 47.4 38.9 58.3
 65 12.7 10.6 15.8





#25

Isophorone

Concen: 38.80 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampled :

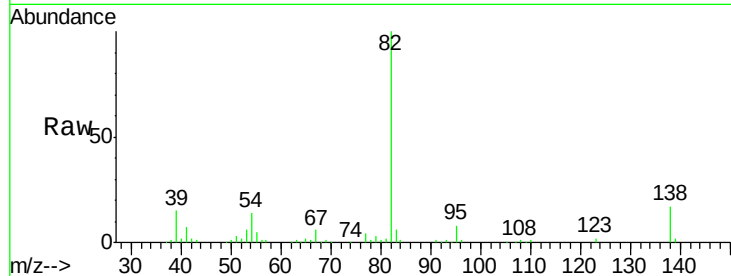
Tot Ion: 82 Resp: 238075

Ion Ratio Lower Upper

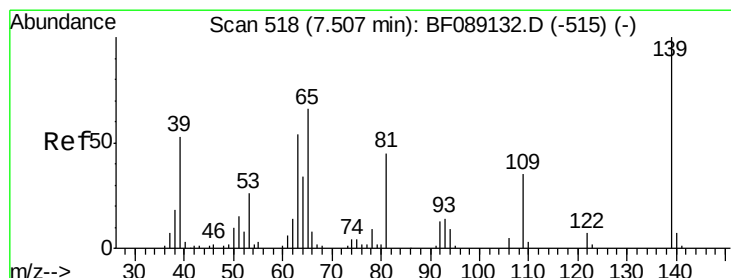
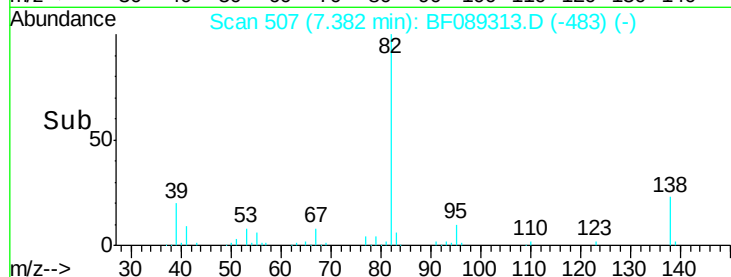
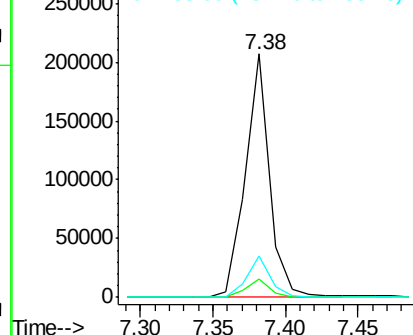
82 100

95 7.5 6.1 9.1

138 16.8 13.6 20.4



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



#26

2-Nitrophenol

Concen: 38.33 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

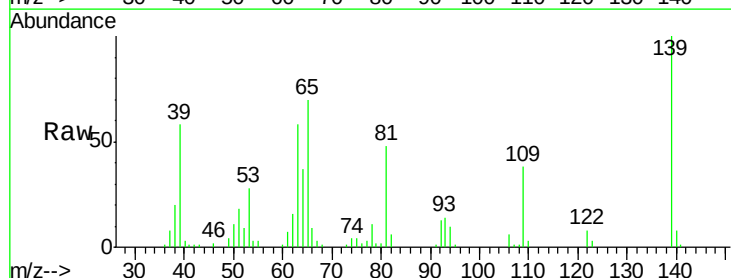
Tgt Ion: 139 Resp: 62769

Ion Ratio Lower Upper

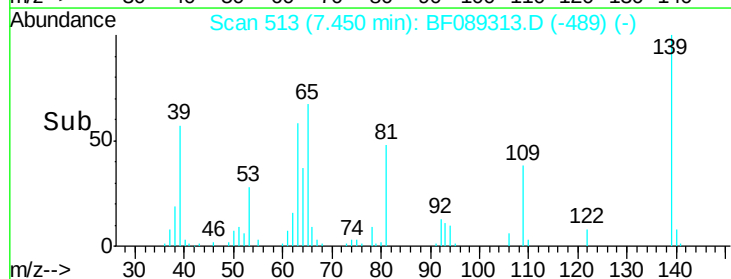
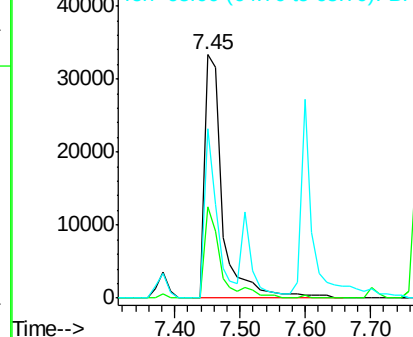
139 100

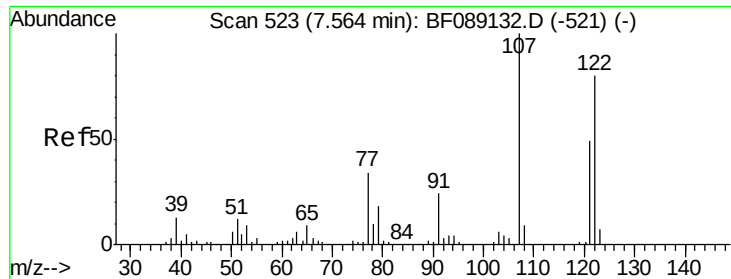
109 37.6 28.1 42.1

65 69.6 52.7 79.1



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





#27

2,4-Dimethylphenol

Concen: 36.72 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF089132.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

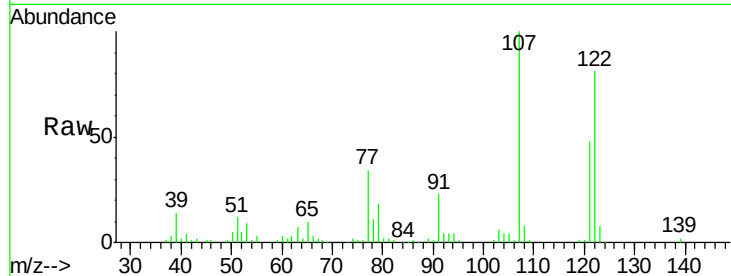
Tot Ion:122 Resp: 101324

Ion Ratio Lower Upper

122 100

107 122.8 99.7 149.5

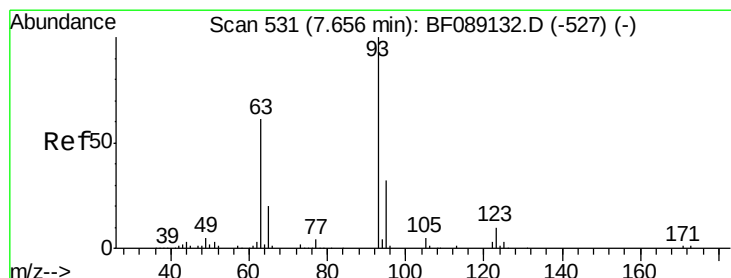
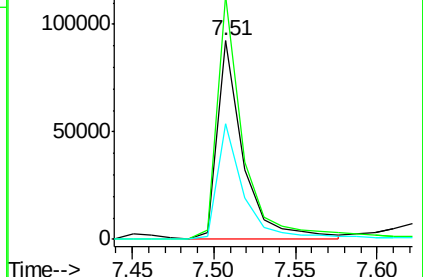
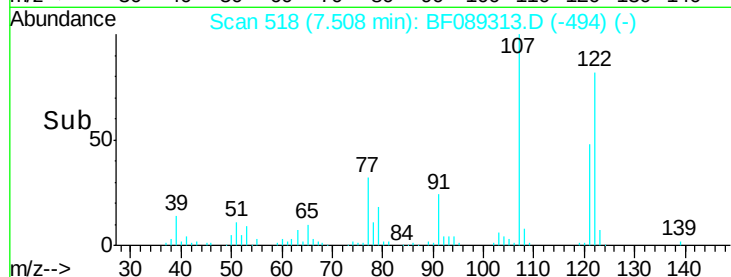
121 58.6 48.5 72.7



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: 41.05 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.02 min

Lab File: BF089132.D

Acq: 26 Jul 2016 18:35

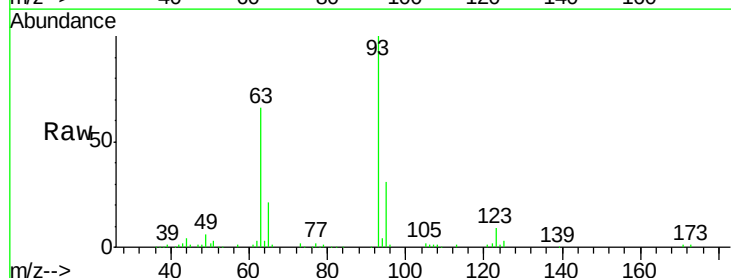
Tgt Ion: 93 Resp: 157532

Ion Ratio Lower Upper

93 100

95 31.4 25.4 38.0

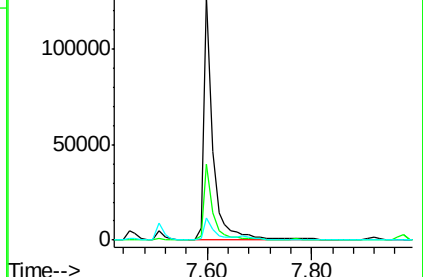
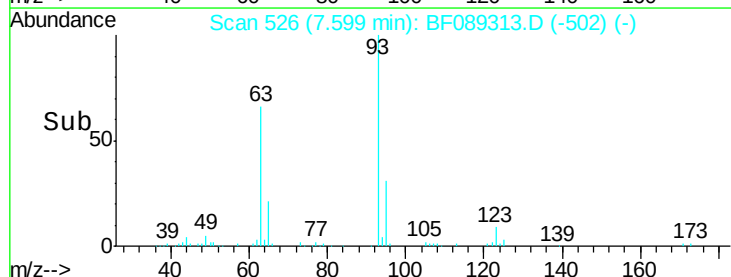
123 9.3 8.3 12.5

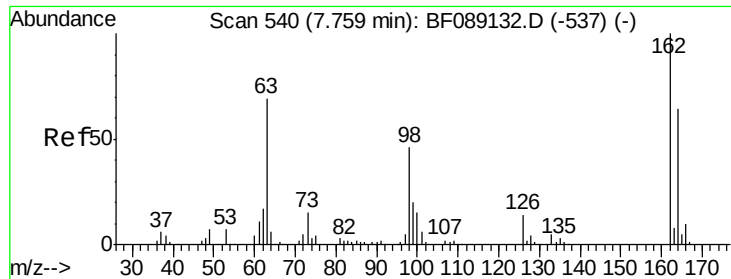


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

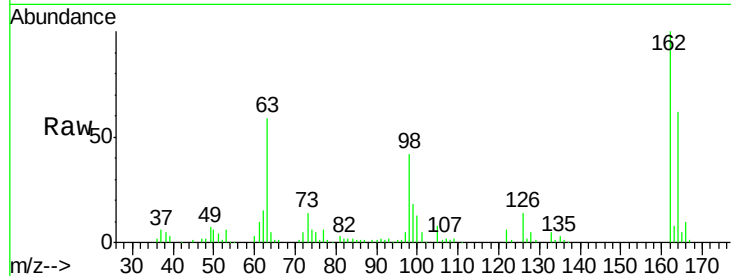




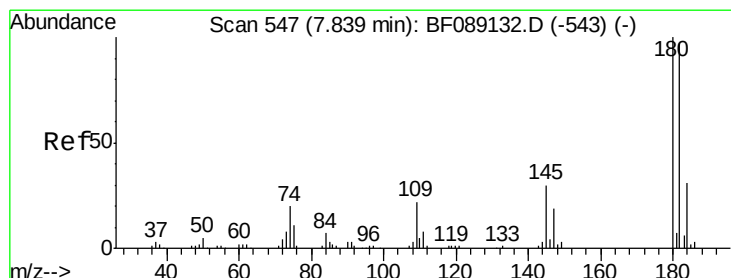
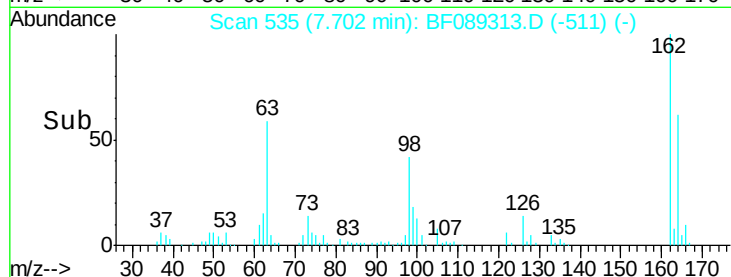
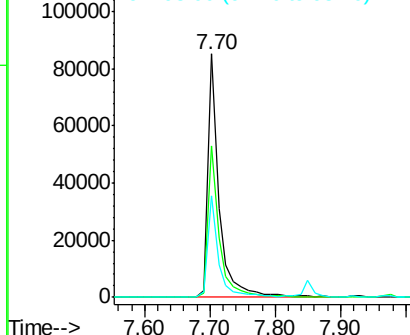
#29
 2,4-Dichlorophenol
 Concen: 41.15 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 102326
 Ion Ratio Lower Upper
 162 100
 164 62.2 44.0 84.0
 98 41.6 26.0 66.0

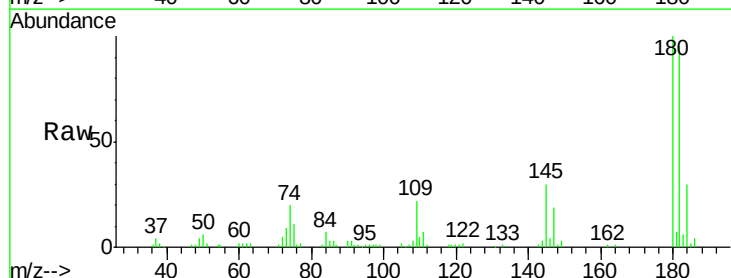


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

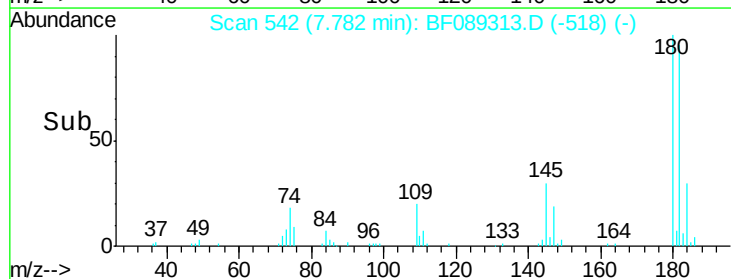
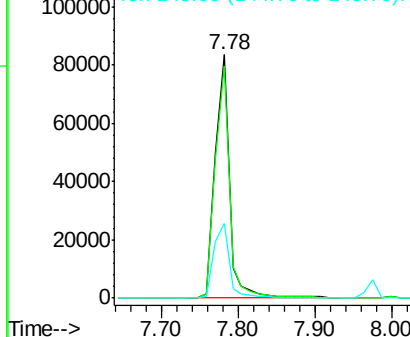


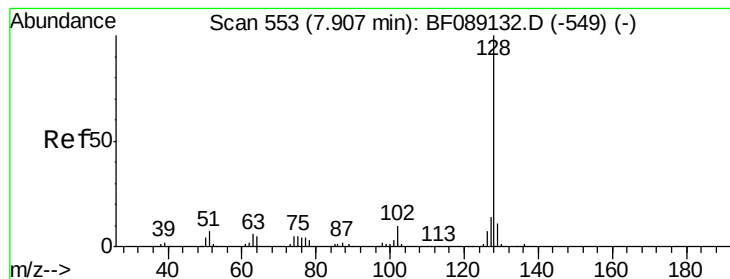
#30
 1,2,4-Trichlorobenzene
 Concen: 39.45 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Tgt Ion:180 Resp: 108587
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.6 116.4
 145 30.4 24.0 36.0



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





#31

Naphthalene

Concen: 37.70 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

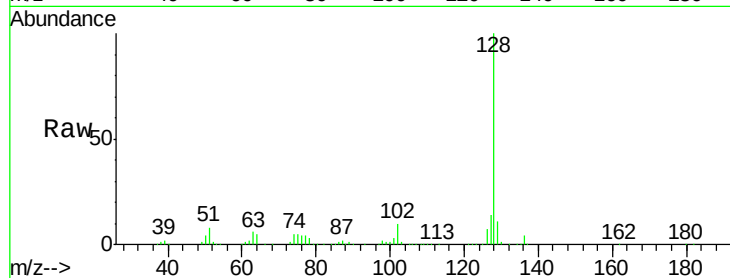
Tot Ion:128 Resp: 359896

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

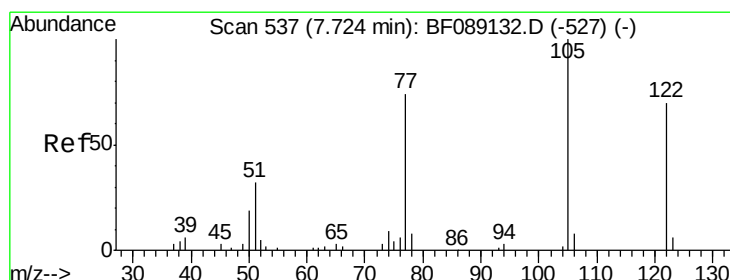
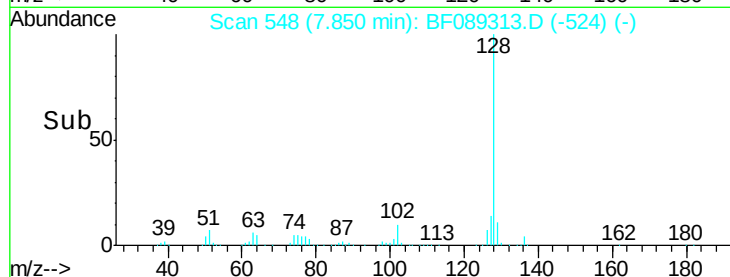
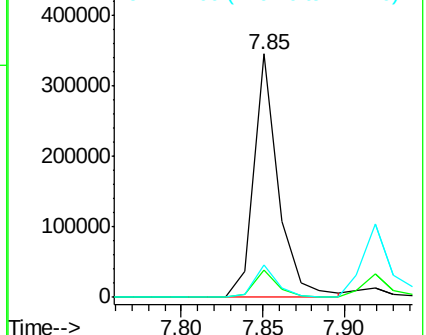
127 13.5 10.8 16.2



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: 38.82 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

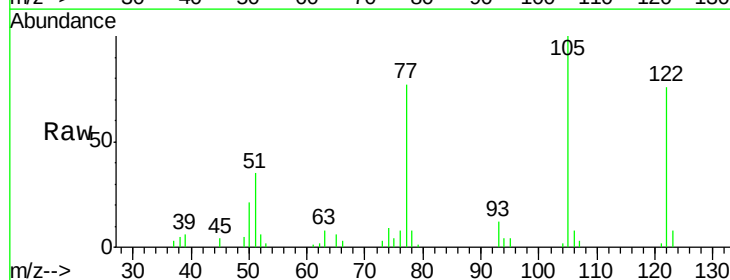
Tgt Ion:122 Resp: 82370

Ion Ratio Lower Upper

122 100

105 131.0 119.0 159.0

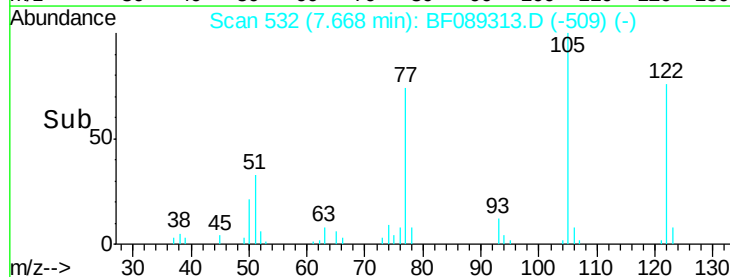
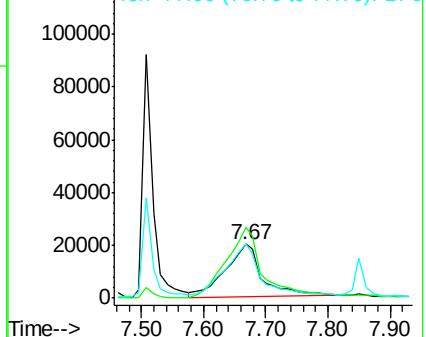
77 100.6 84.7 124.7

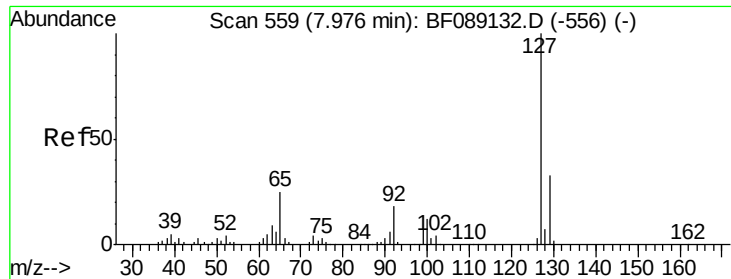


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

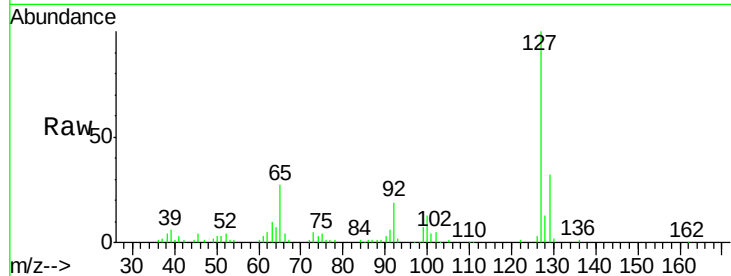




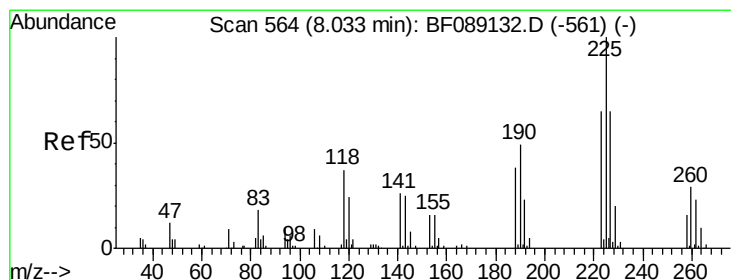
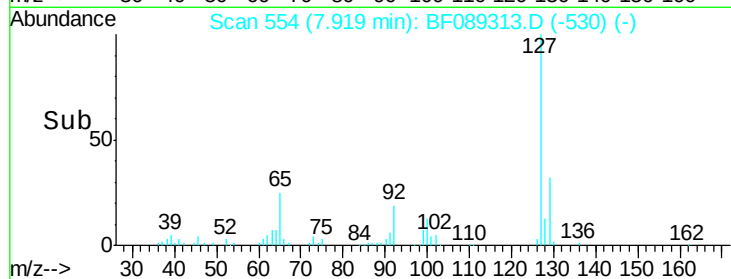
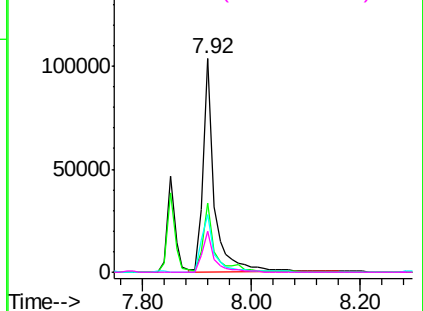
#33
4-Chloroaniline
Concen: 37.09 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	148922
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	26.8	19.7	29.5
92	19.4	14.3	21.5

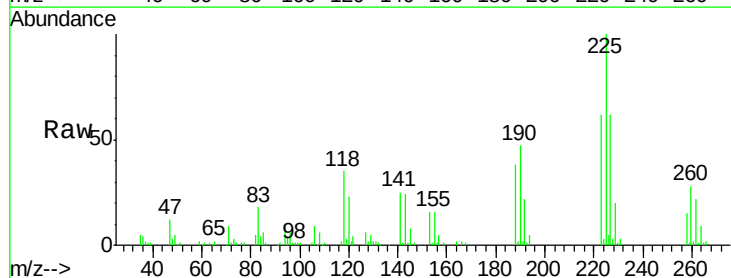


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

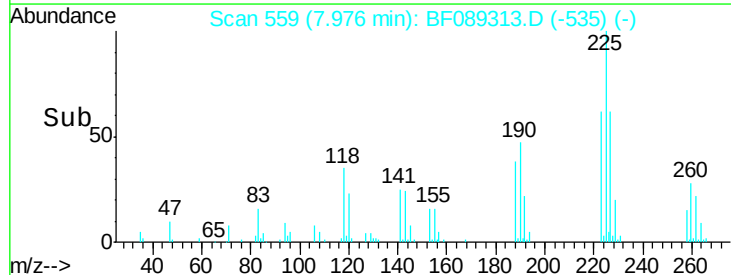
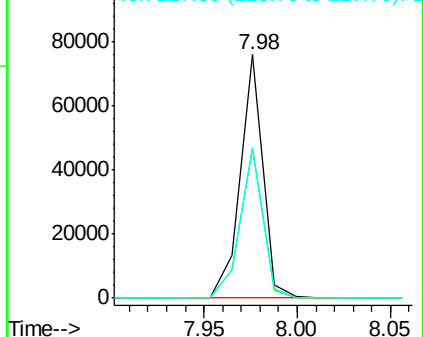


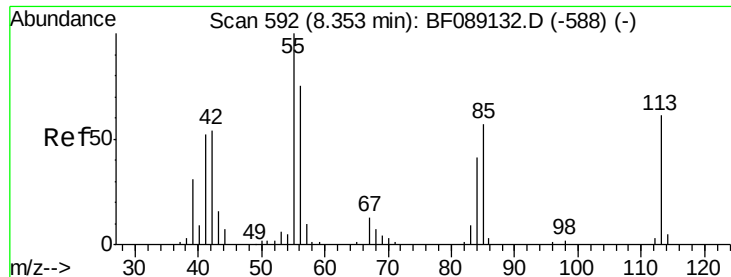
#34
Hexachlorobutadiene
Concen: 42.03 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion:	225	Resp:	64392
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.6	77.4
227	61.5	51.6	77.4



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: 39.32 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.03 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

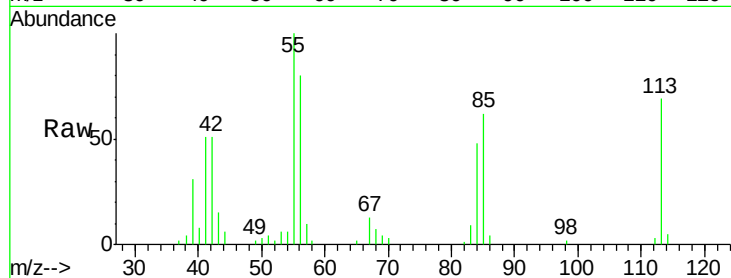
Tot Ion:113 Resp: 30361

Ion Ratio Lower Upper

113 100

55 144.5 145.3 185.3#

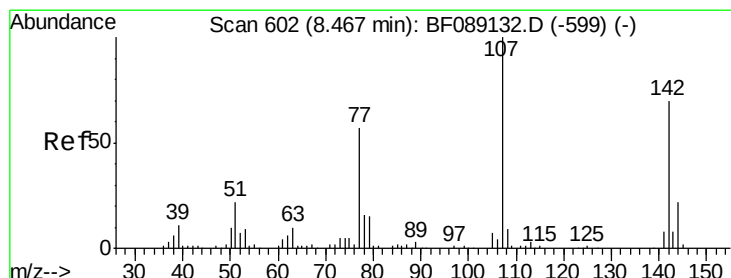
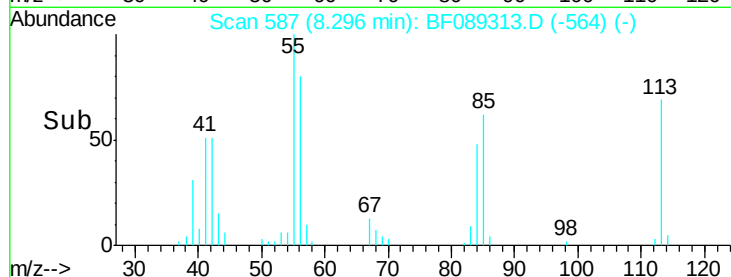
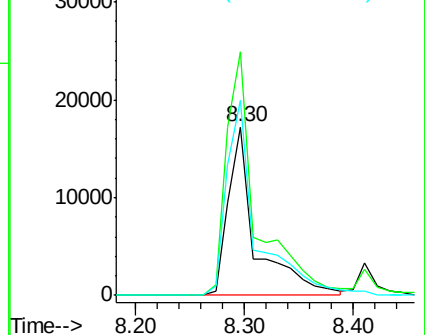
56 115.6 104.3 144.3



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: 40.30 ng

RT: 8.41 min Scan# 597

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

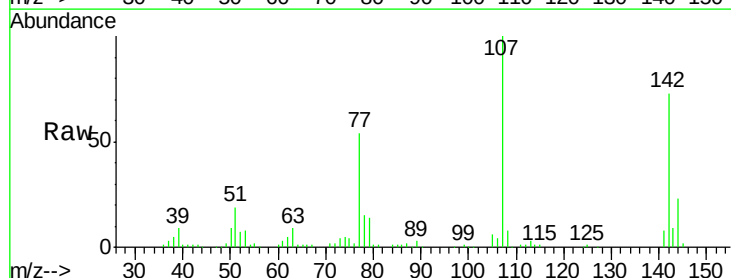
Tgt Ion:107 Resp: 120745

Ion Ratio Lower Upper

107 100

144 23.3 17.8 26.6

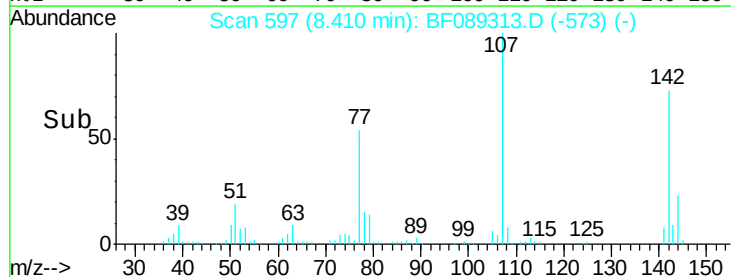
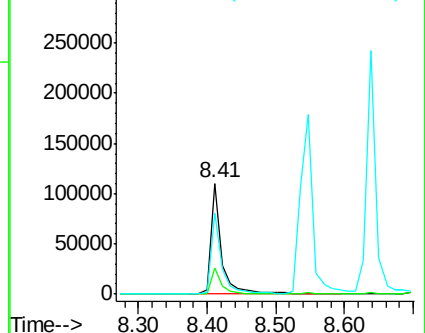
142 72.7 56.1 84.1

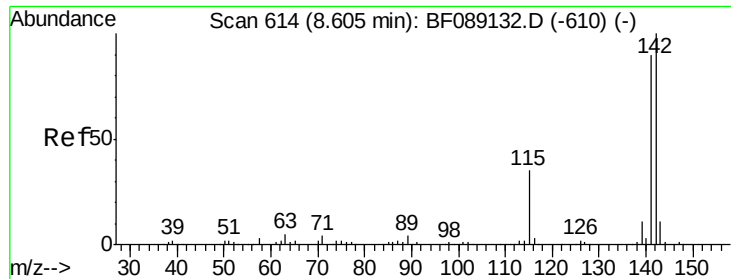


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

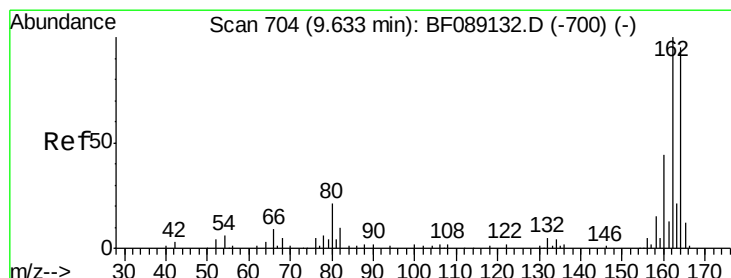
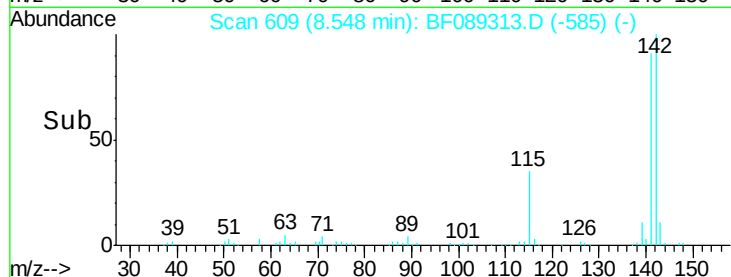
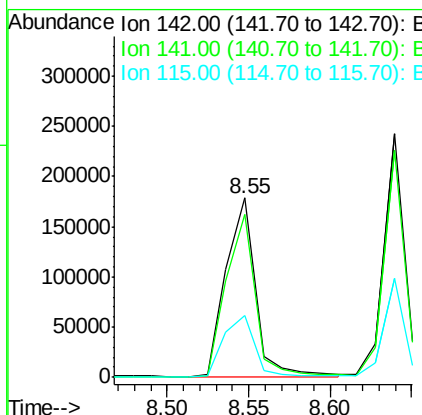
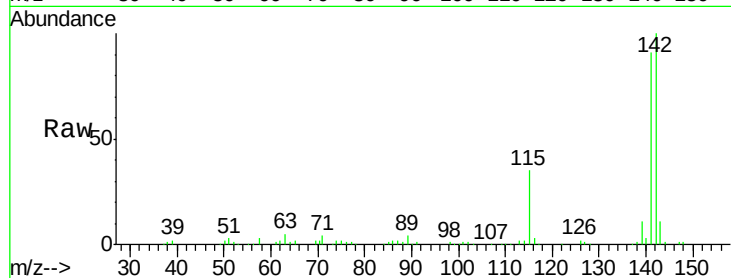




#37
2-Methylnaphthalene
Concen: 36.94 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

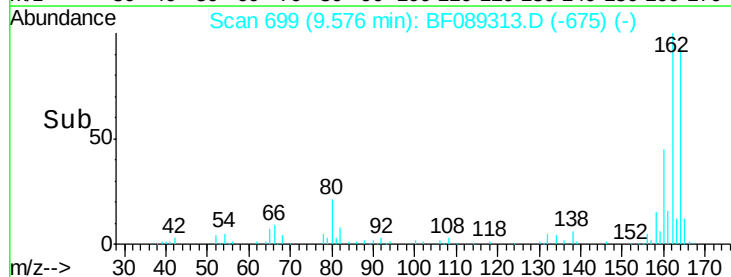
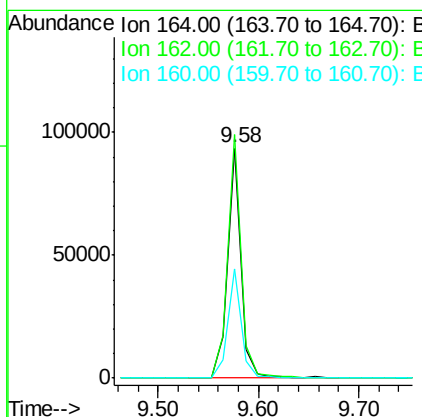
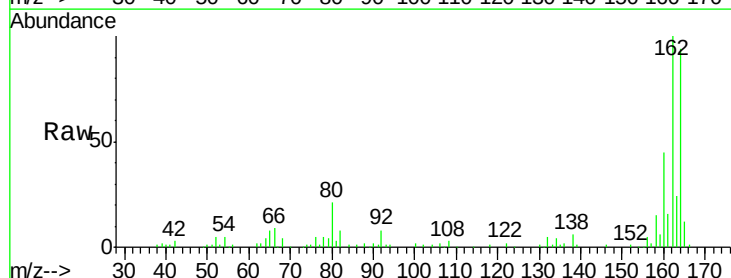
Instrument :
BNA_F
ClientSampleId :

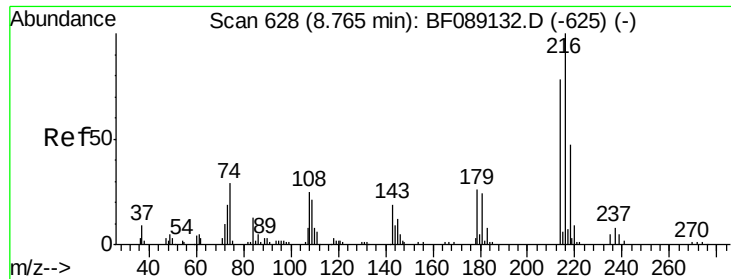
Tot Ion:142 Resp: 224907
Ion Ratio Lower Upper
142 100
141 90.6 71.6 107.4
115 34.5 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion:164 Resp: 86667
Ion Ratio Lower Upper
164 100
162 106.0 84.1 126.1
160 47.6 37.1 55.7

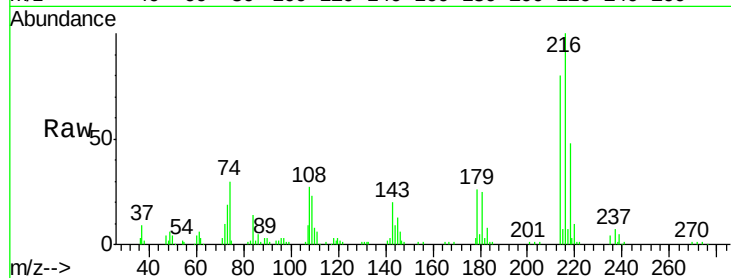




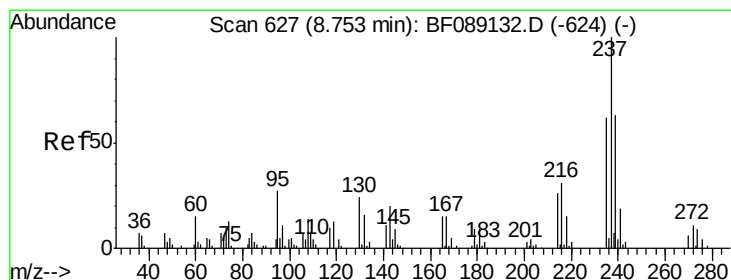
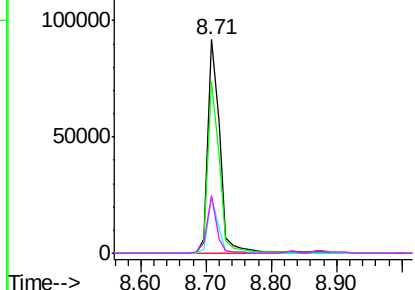
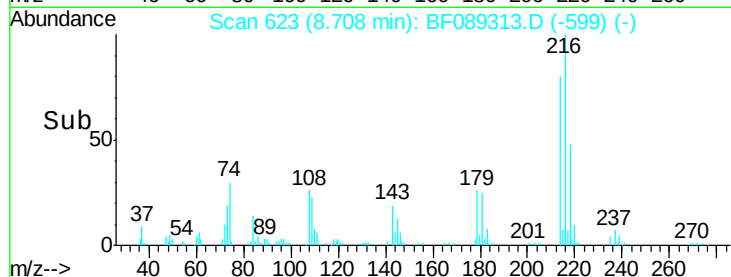
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.92 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	118912
Ion Ratio	Lower	Upper
216	100	
214	76.9	61.9 92.9
179	22.6	18.4 27.6
108	21.8	17.0 25.6

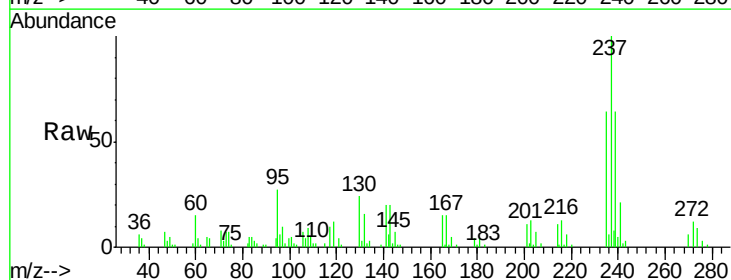


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

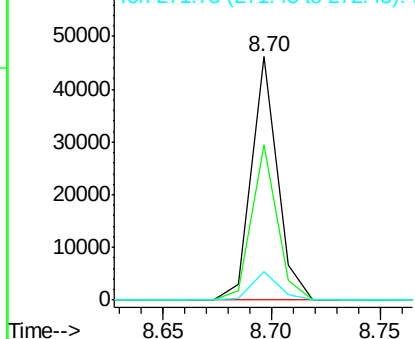
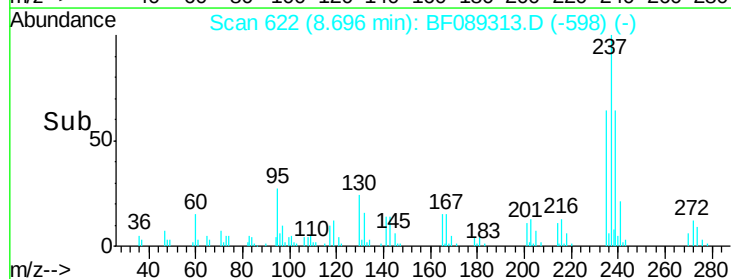


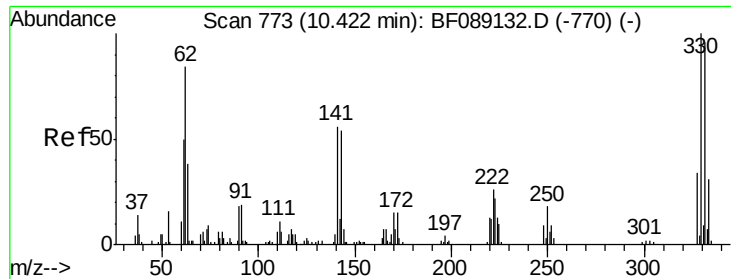
#40
 Hexachlorocyclopentadiene
 Concen: 40.23 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Tgt Ion:237	Resp:	38318
Ion Ratio	Lower	Upper
237	100	
235	63.6	42.1 82.1
272	11.8	0.0 31.4



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

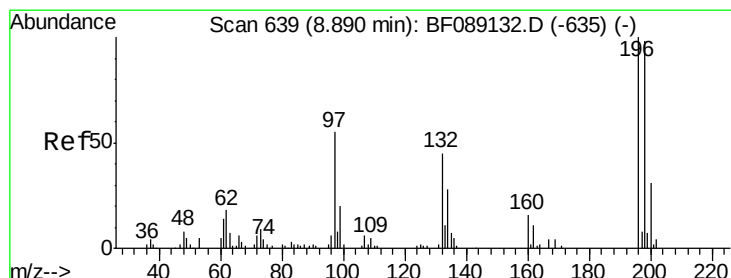
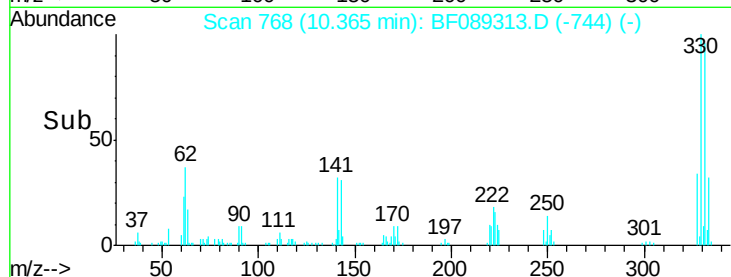
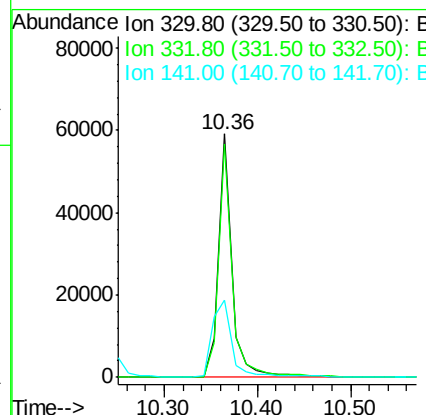
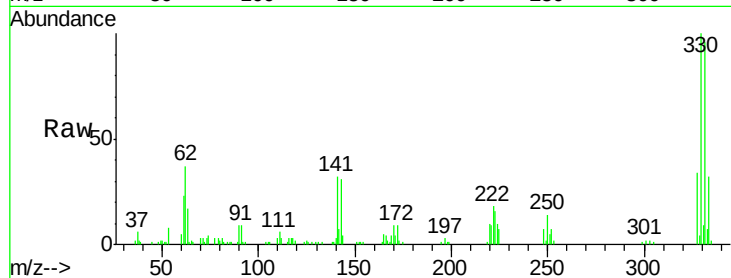




#41
 2,4,6-Tribromophenol
 Concen: 76.65 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

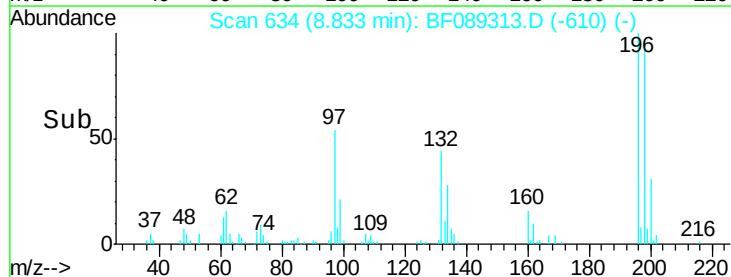
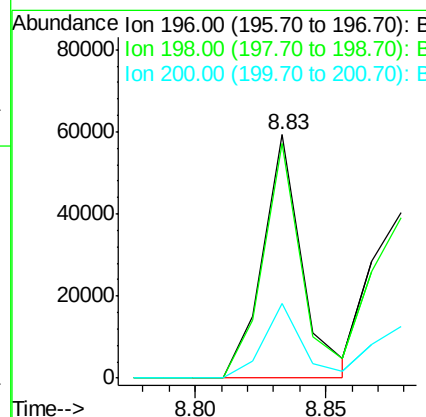
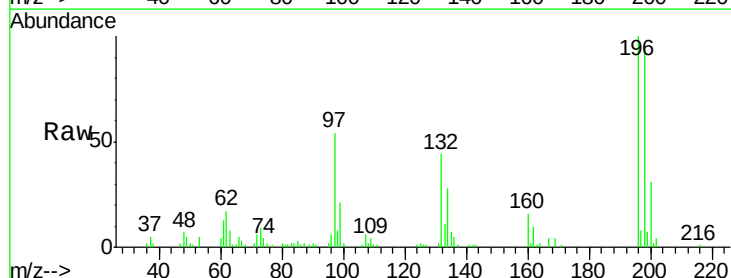
Instrument :
 BNA_F
 ClientSampleId :

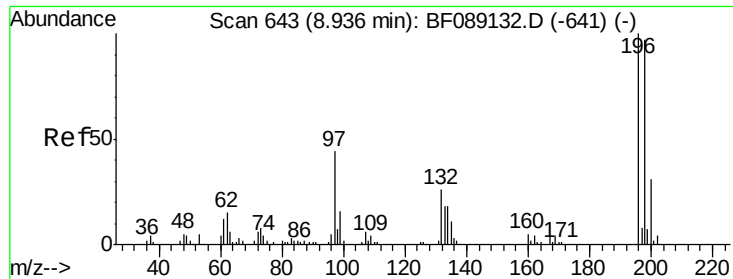
Tot Ion:330 Resp: 59808
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.2 115.8
 141 47.9 42.2 63.2



#42
 2,4,6-Trichlorophenol
 Concen: 34.20 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Tgt Ion:196 Resp: 61667
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.3 117.5
 200 30.6 25.0 37.4

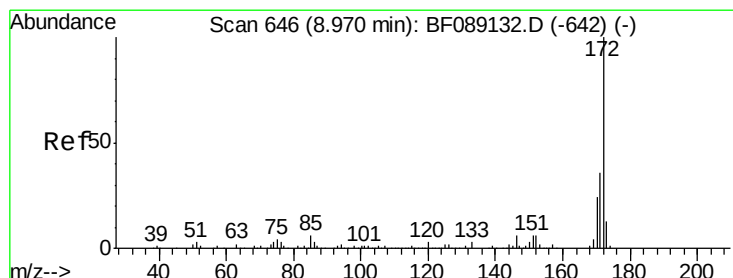
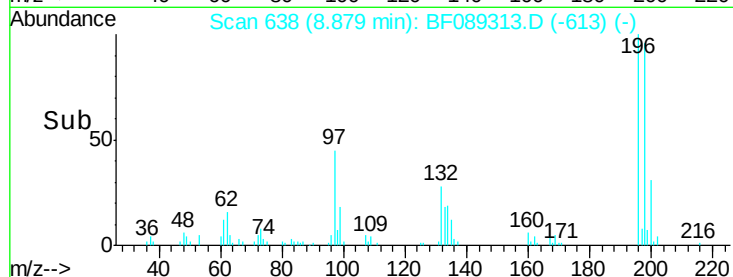
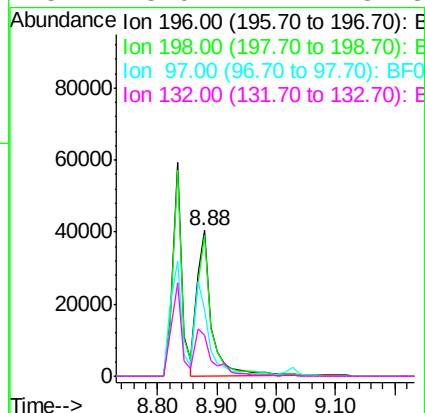
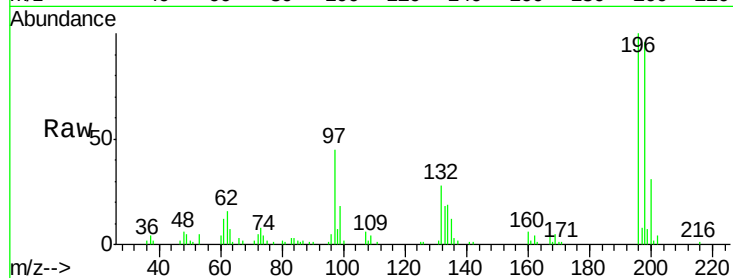




#43
2,4,5-Trichlorophenol
Concen: 38.71 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

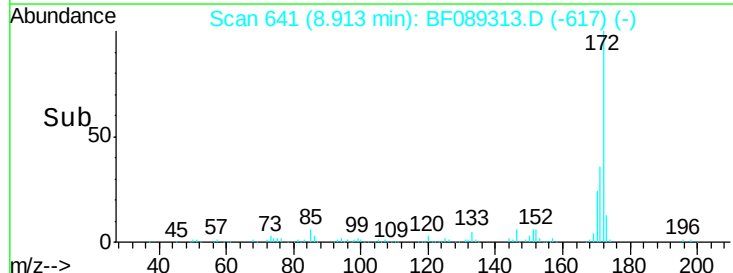
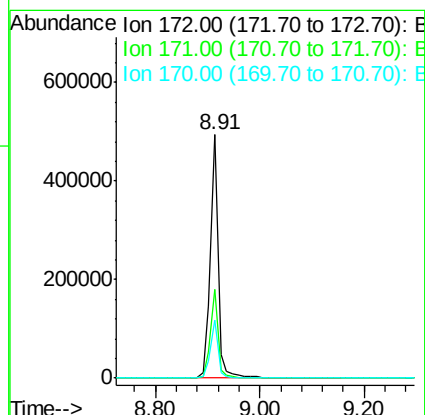
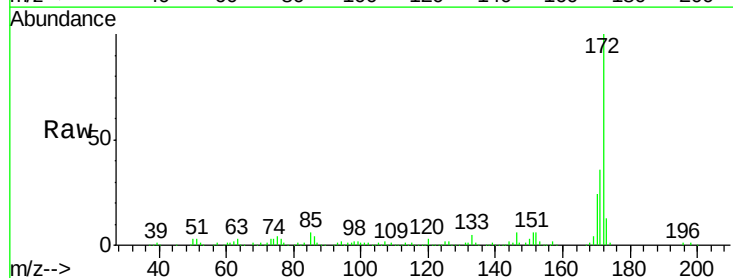
Instrument :
BNA_F
ClientSampleId :

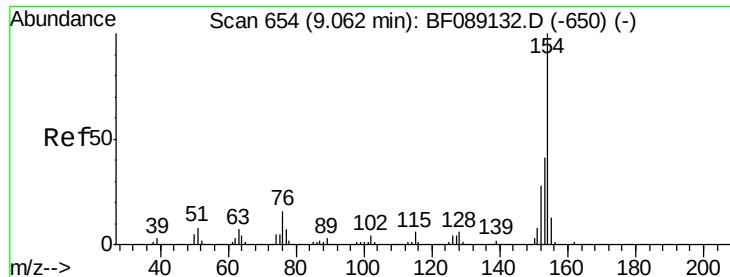
Tot Ion:196 Resp: 70065
Ion Ratio Lower Upper
196 100
198 96.5 77.6 116.4
97 45.5 36.5 54.7
132 28.0 21.2 31.8



#44
2-Fluorobiphenyl
Concen: 81.35 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion:172 Resp: 511682
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 23.7 19.1 28.7

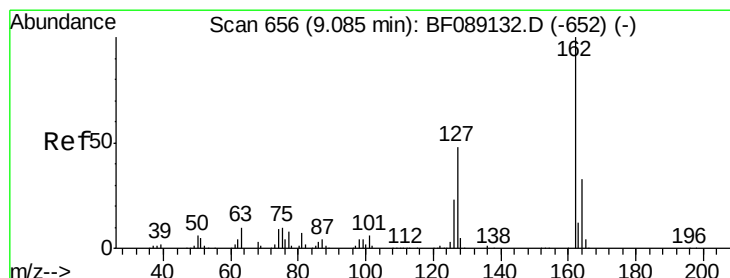
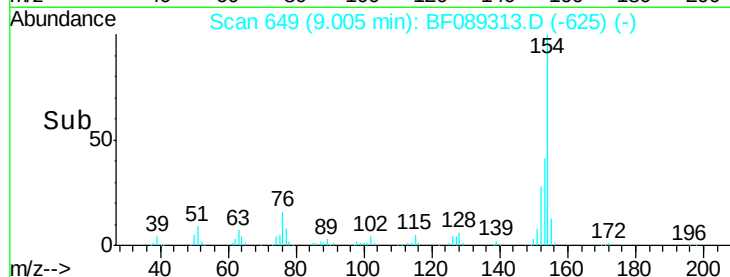
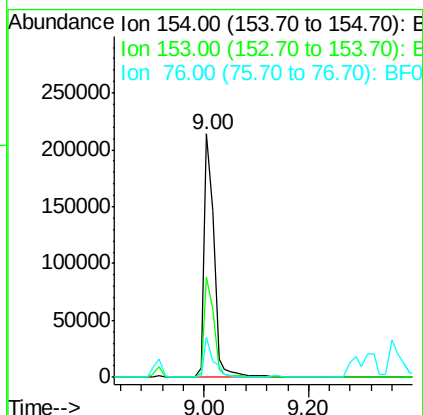
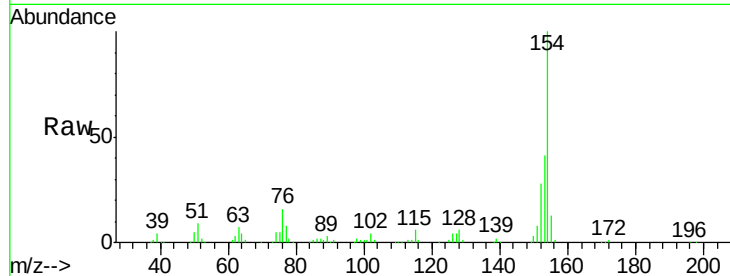




#45
 1,1'-Biphenyl
 Concen: 36.45 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF08913.D
 Acq: 26 Jul 2016 18:35

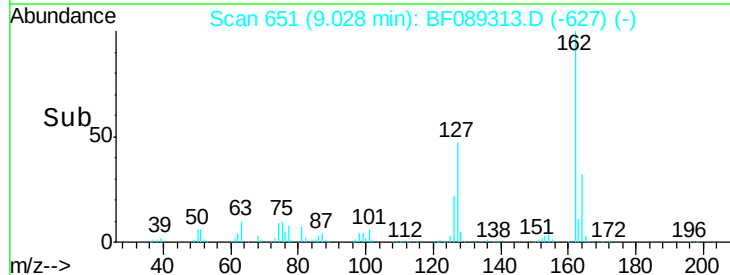
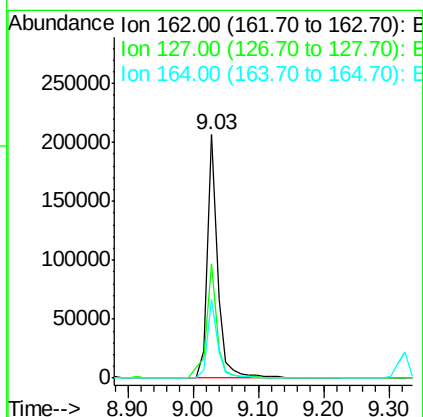
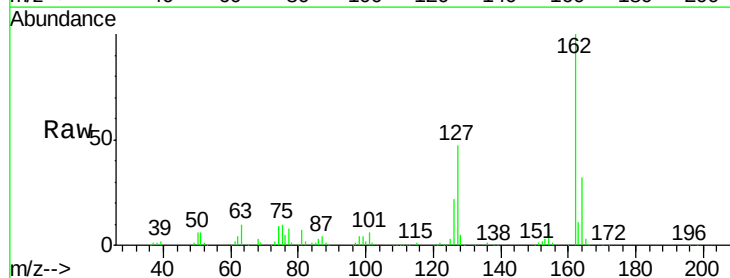
Instrument :
 BNA_F
 ClientSampleId :

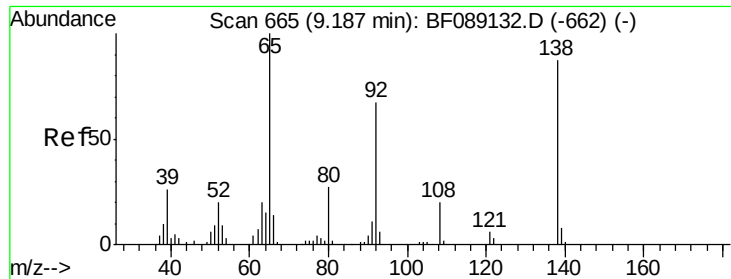
Tot Ion:154 Resp: 284528
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.1 61.1
 76 16.3 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 38.62 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF08913.D
 Acq: 26 Jul 2016 18:35

Tgt Ion:162 Resp: 229038
 Ion Ratio Lower Upper
 162 100
 127 46.9 38.1 57.1
 164 32.2 26.1 39.1

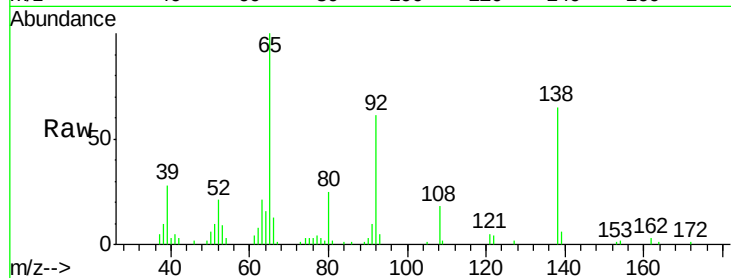




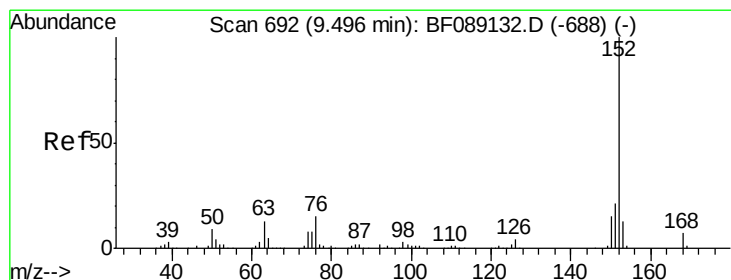
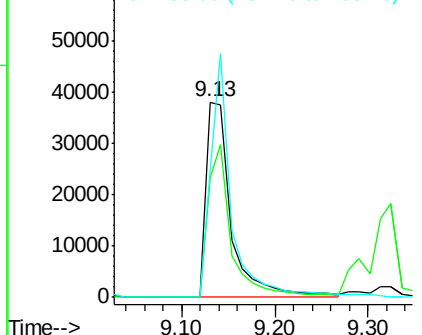
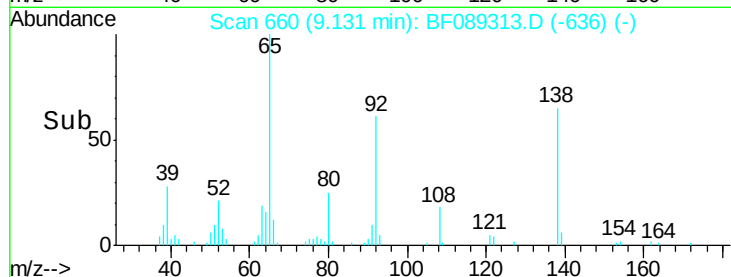
#47
2-Nitroaniline
Concen: 35.76 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 72752
Ion Ratio Lower Upper
65 100
92 61.4 53.2 79.8
138 65.5 69.4 104.2#

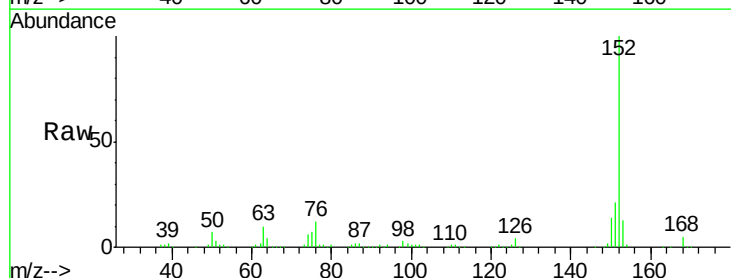


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

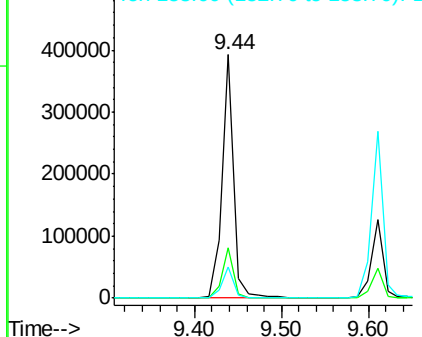
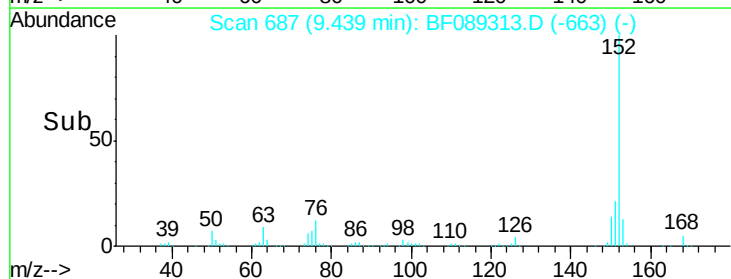


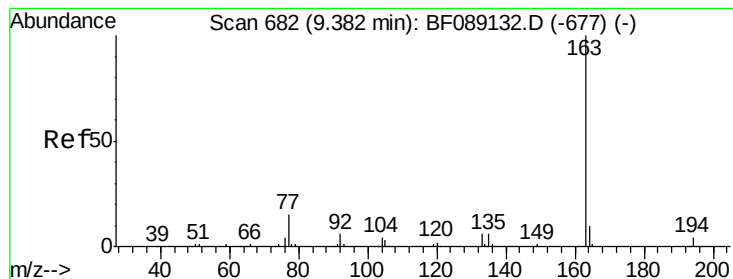
#48
Acenaphthylene
Concen: 40.00 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion: 152 Resp: 373003
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 12.8 10.7 16.1



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: 39.11 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF089132.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

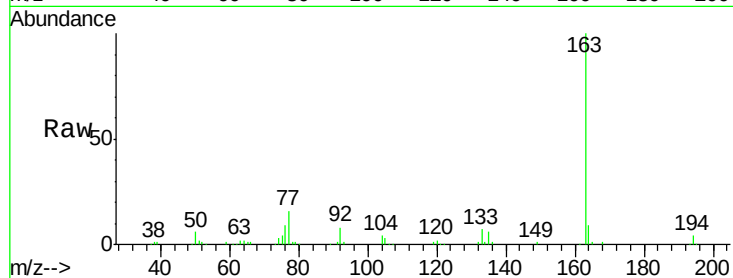
Tot Ion:163 Resp: 260073

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

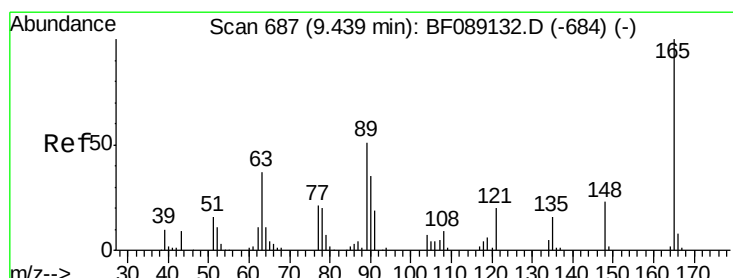
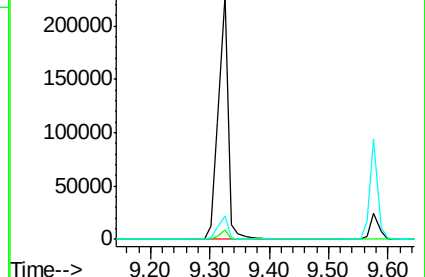
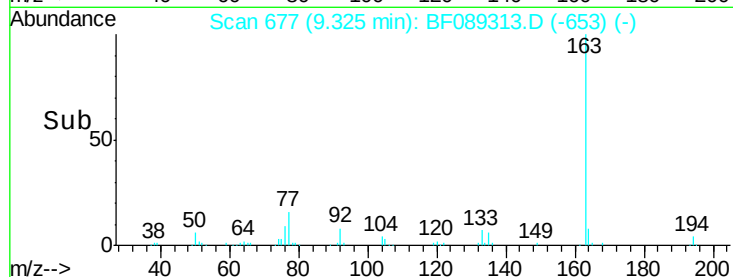
164 9.5 7.6 11.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.03 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF089132.D

Acq: 26 Jul 2016 18:35

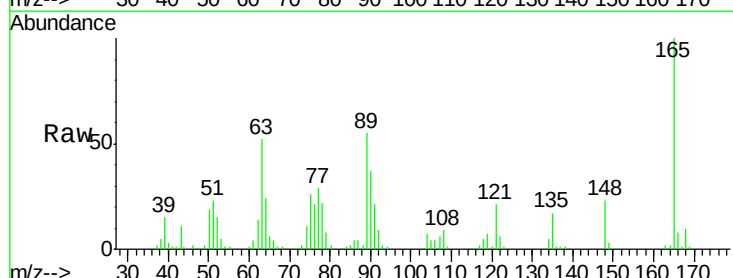
Tgt Ion:165 Resp: 58601

Ion Ratio Lower Upper

165 100

63 51.7 37.0 55.4

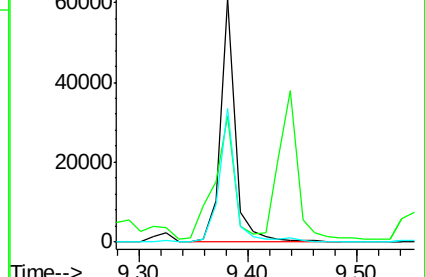
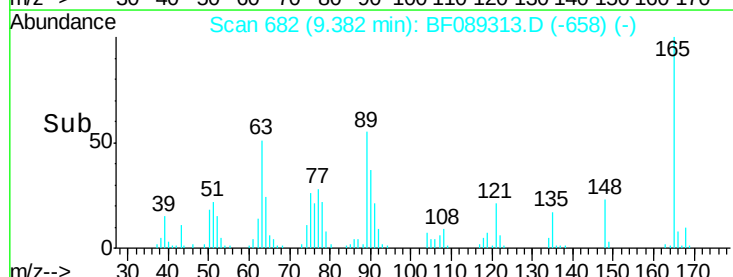
89 55.1 40.9 61.3

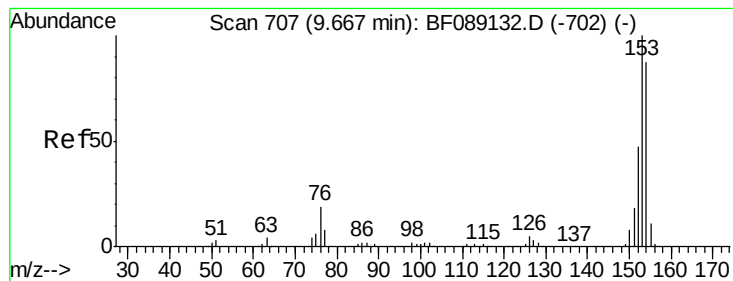


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.38 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

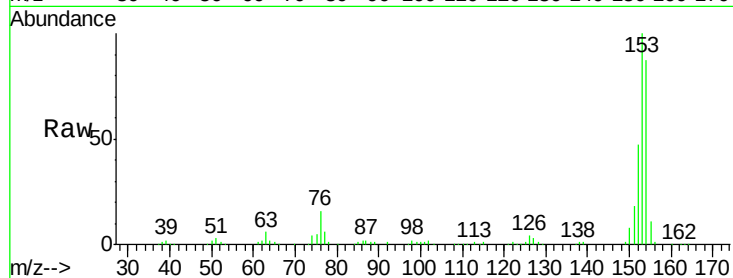
Tot Ion:154 Resp: 217224

Ion Ratio Lower Upper

154 100

153 114.4 91.9 137.9

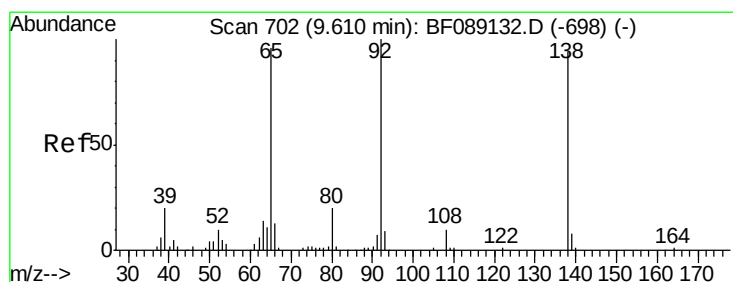
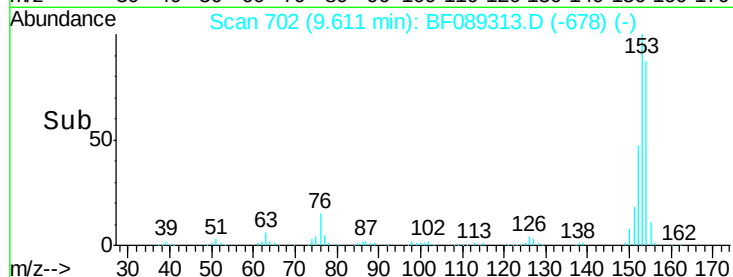
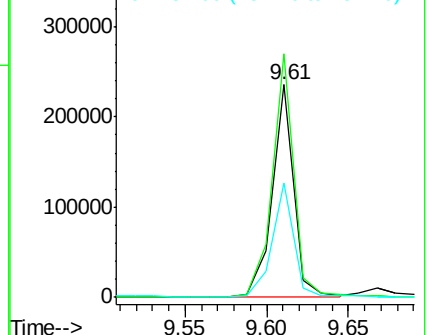
152 54.0 42.8 64.2



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: 35.95 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

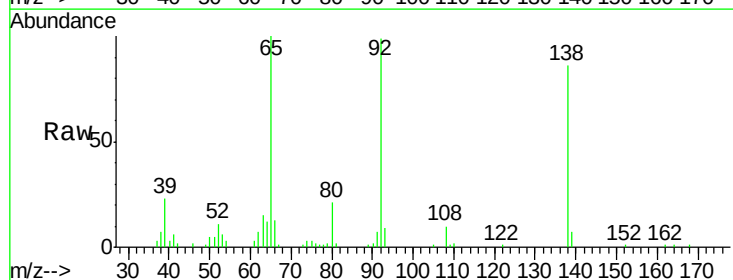
Tgt Ion:138 Resp: 64103

Ion Ratio Lower Upper

138 100

108 11.5 8.8 13.2

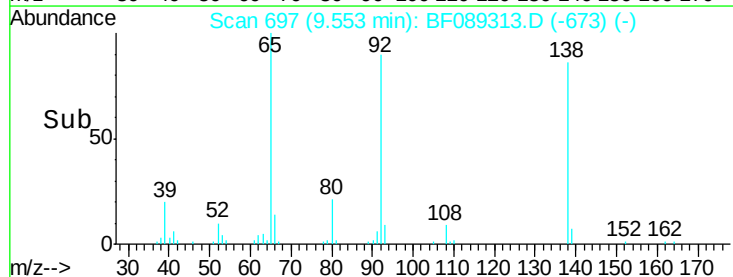
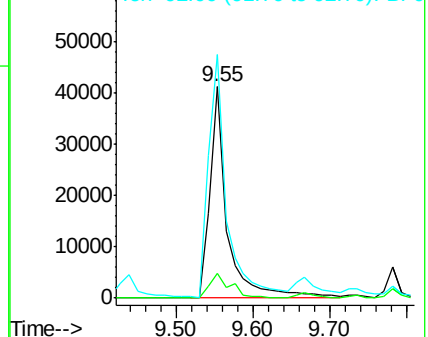
92 115.3 85.3 127.9

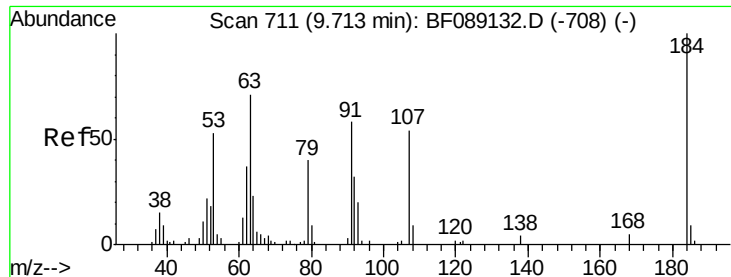


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

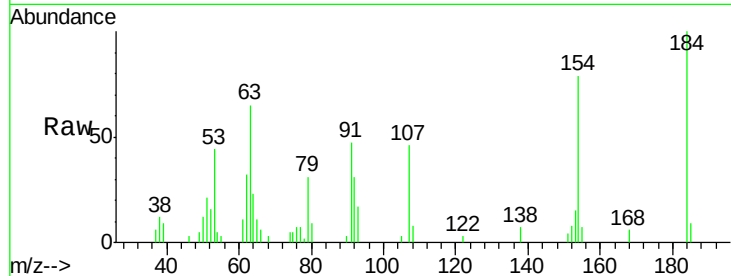




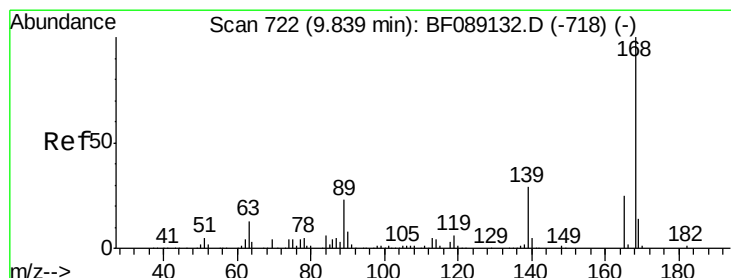
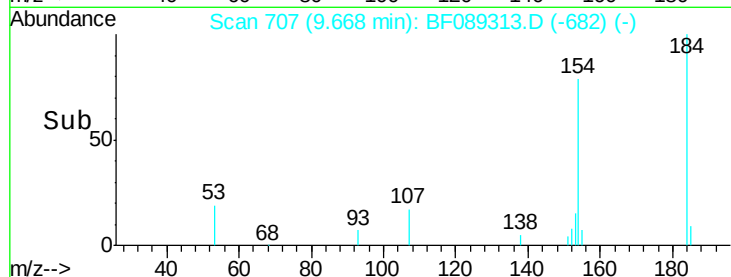
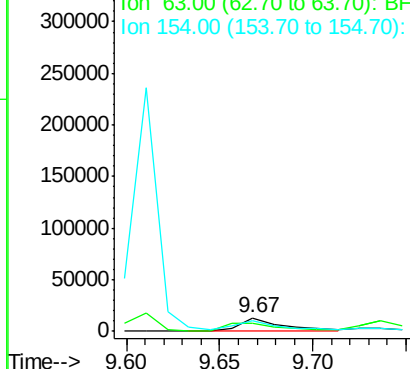
#53
2,4-Dinitrophenol
Concen: 33.00 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 20976
Ion Ratio Lower Upper
184 100
63 65.0 60.3 90.5
154 79.4 60.7 91.1

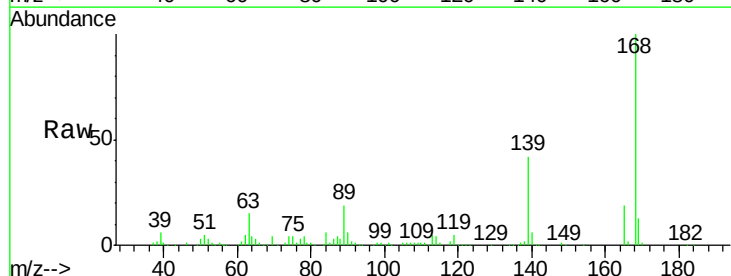


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

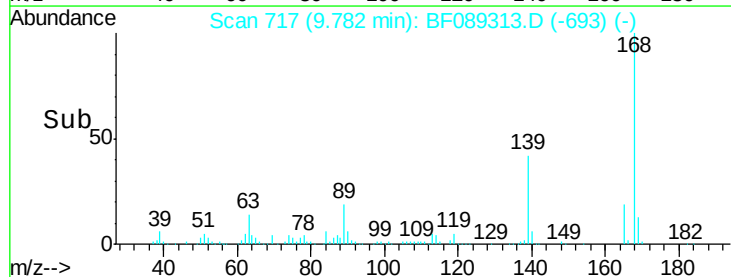
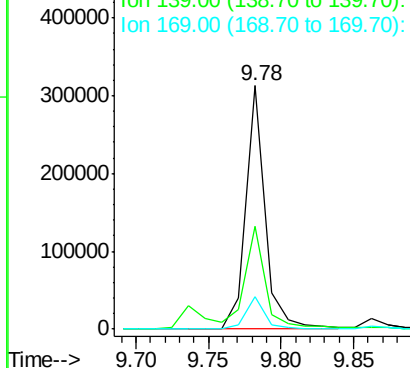


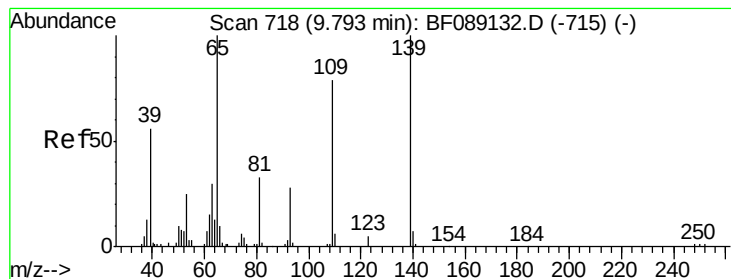
#54
Dibenzofuran
Concen: 39.09 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion:168 Resp: 291341
Ion Ratio Lower Upper
168 100
139 42.1 34.4 51.6
169 13.2 10.8 16.2



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: 35.29 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

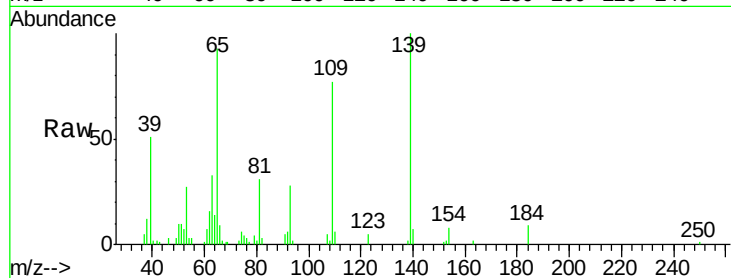
Tot Ion:139 Resp: 38076

Ion Ratio Lower Upper

139 100

109 76.9 58.7 98.7

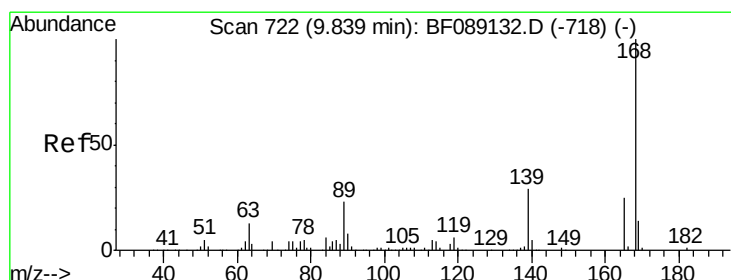
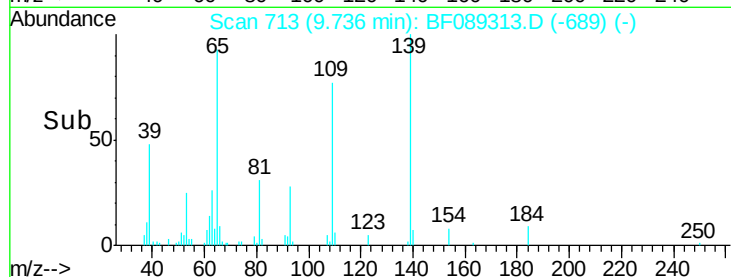
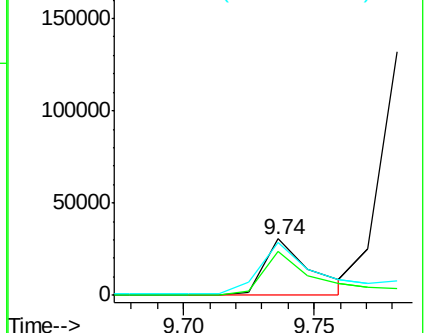
65 93.5 80.2 120.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.17 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Tgt Ion:165 Resp: 71897

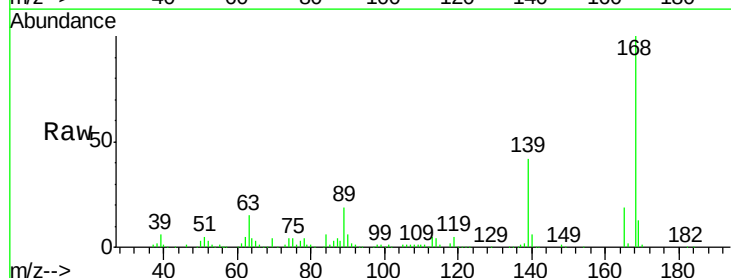
Ion Ratio Lower Upper

165 100

63 76.6 55.4 83.2

89 99.9 74.3 111.5

182 2.3 2.0 3.0

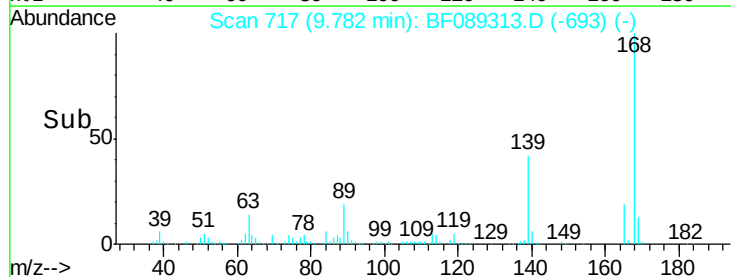
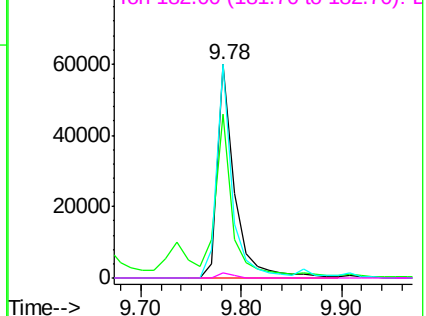


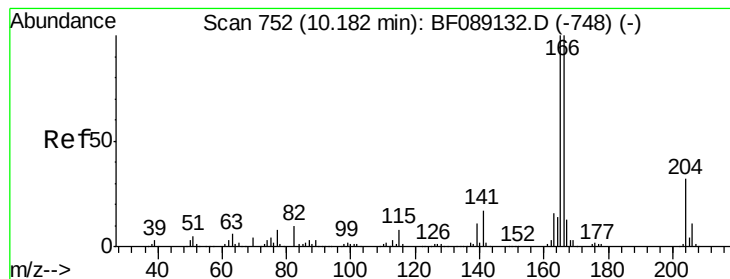
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.57 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF089132.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

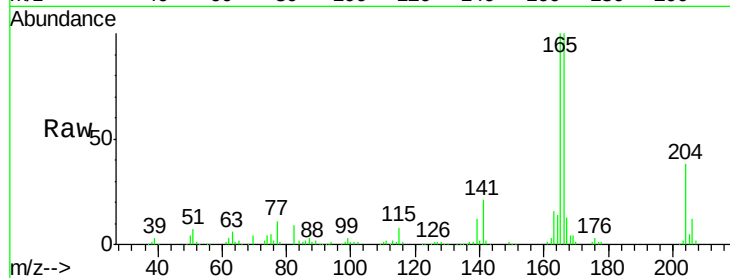
Tot Ion:166 Resp: 244029

Ion Ratio Lower Upper

166 100

165 100.5 79.9 119.9

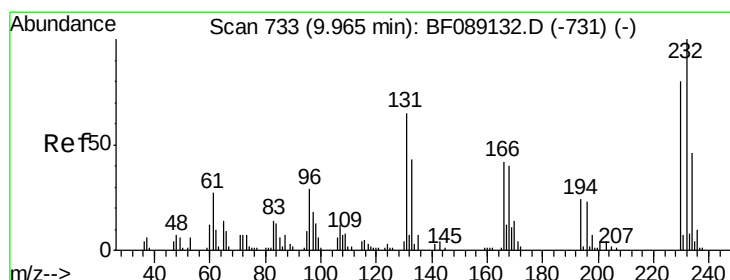
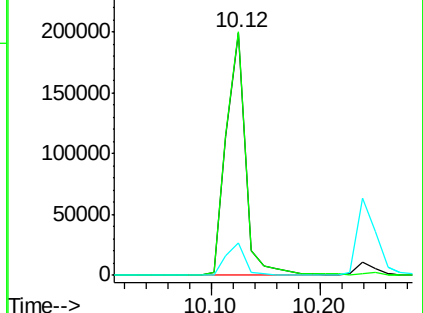
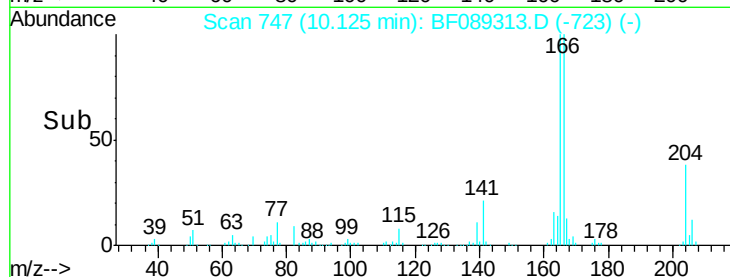
167 13.2 10.7 16.1



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: 40.65 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF089132.D

Acq: 26 Jul 2016 18:35

Tgt Ion:232 Resp: 52840

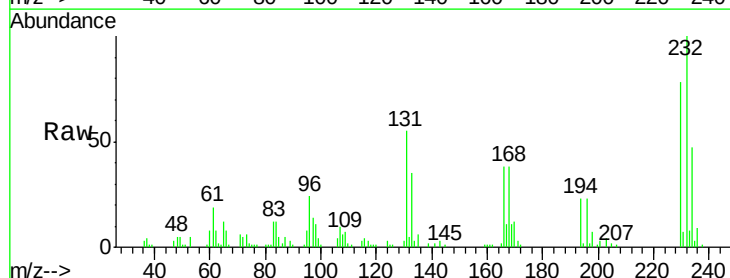
Ion Ratio Lower Upper

232 100

131 51.9 46.2 69.2

130 2.3 2.3 3.5#

166 33.8 29.5 44.3

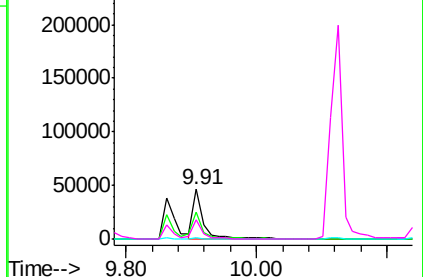
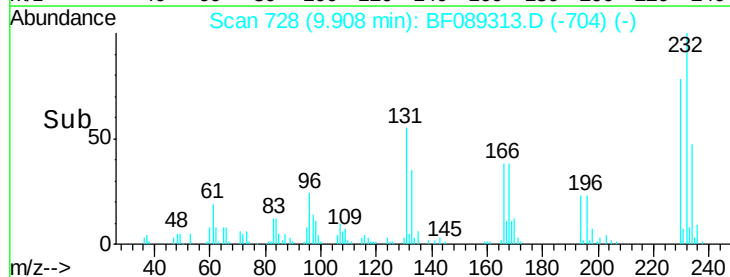


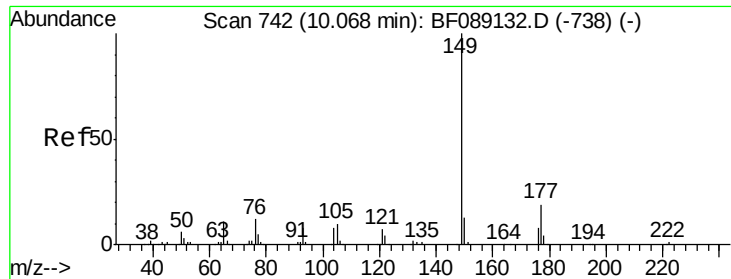
Abundance Ion 232.00 (231.70 to 232.70): E

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

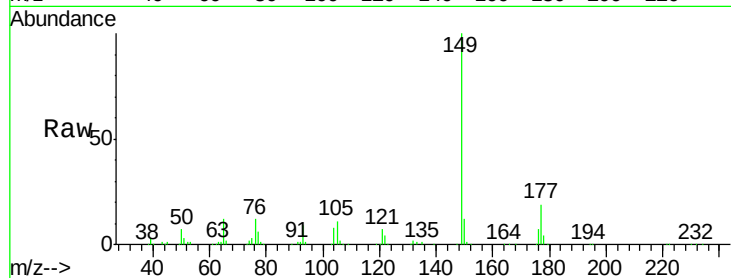




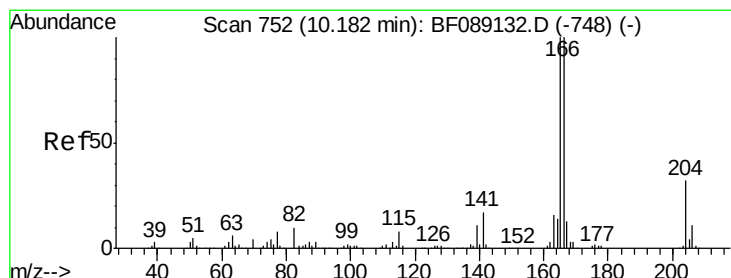
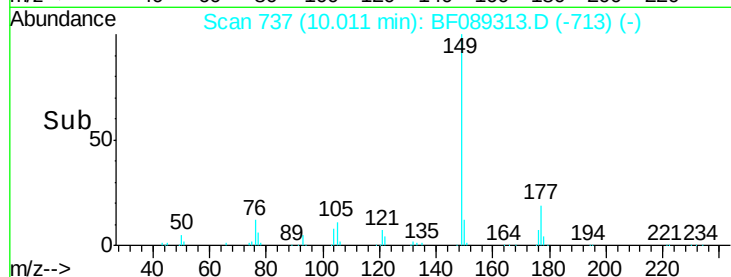
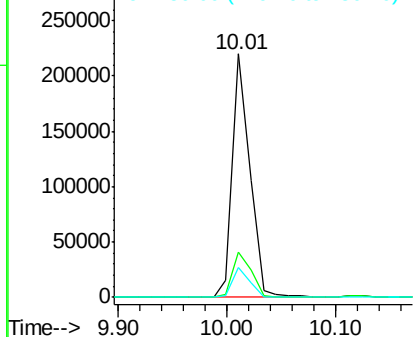
#59
Diethylphthalate
Concen: 36.89 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	18.6	15.6	23.4
150	12.2	10.1	15.1

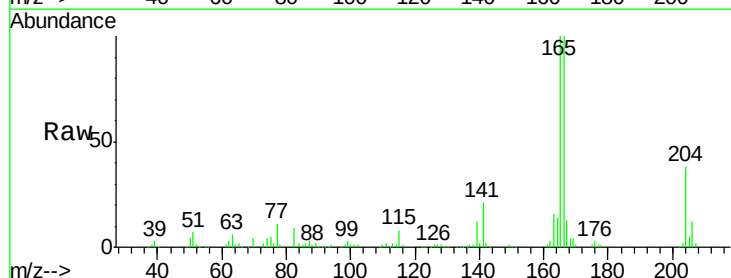


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

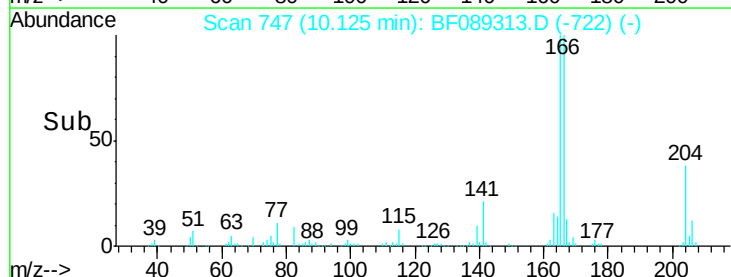
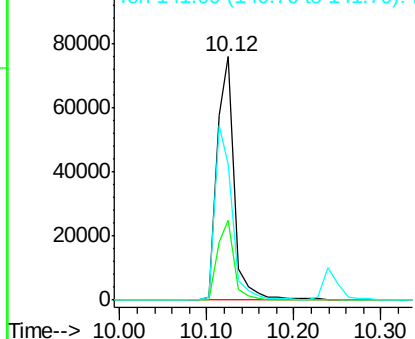


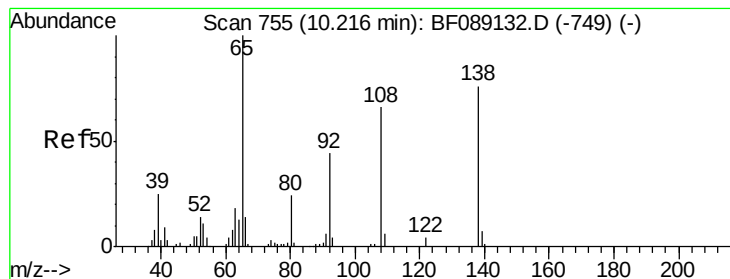
#60
4-Chlorophenyl-phenylether
Concen: 36.52 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.4
141	55.9	42.2	63.4



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: 36.41 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

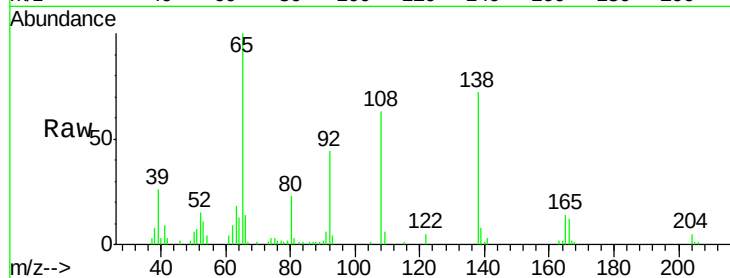
Tot Ion:138 Resp: 63177

Ion Ratio Lower Upper

138 100

92 61.5 37.2 77.2

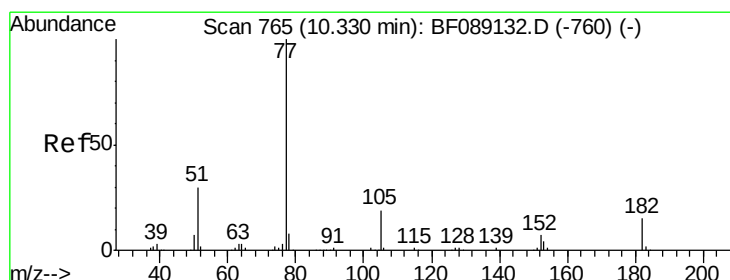
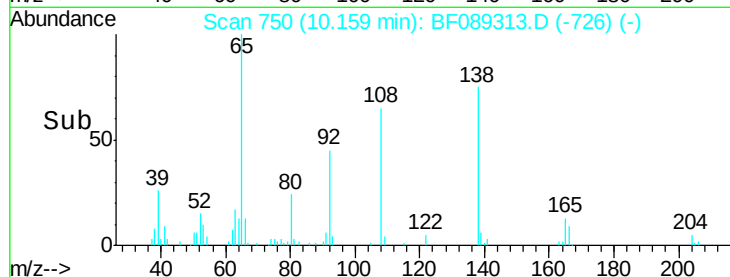
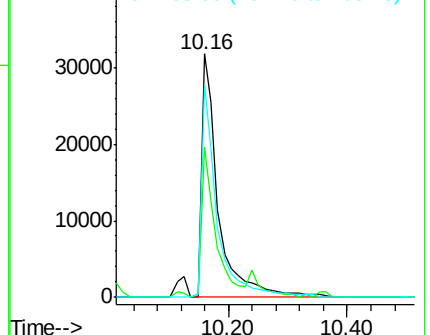
108 87.6 66.1 106.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.17 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Tgt Ion: 77 Resp: 266410

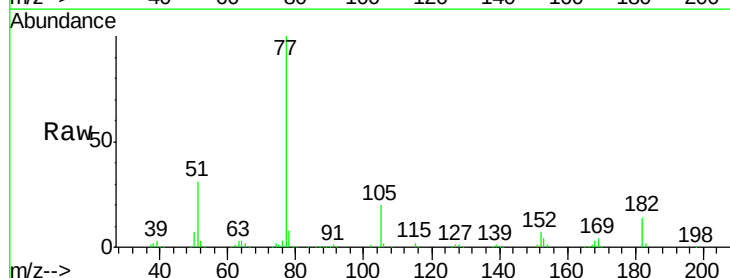
Ion Ratio Lower Upper

77 100

182 13.8 0.0 35.0

105 19.7 0.0 39.4

51 31.0 10.7 50.7

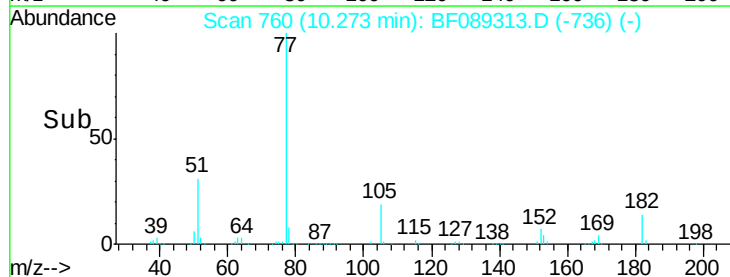
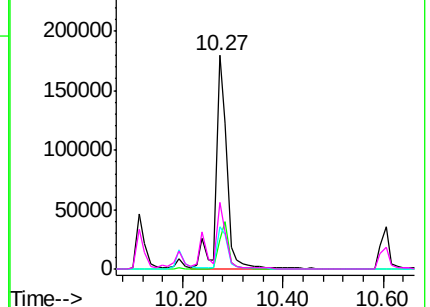


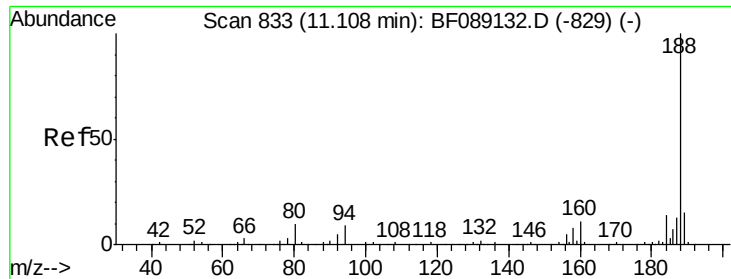
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

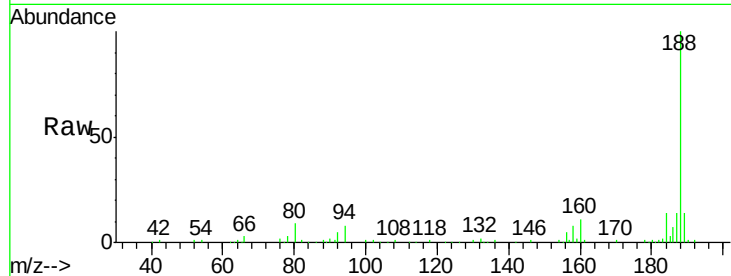




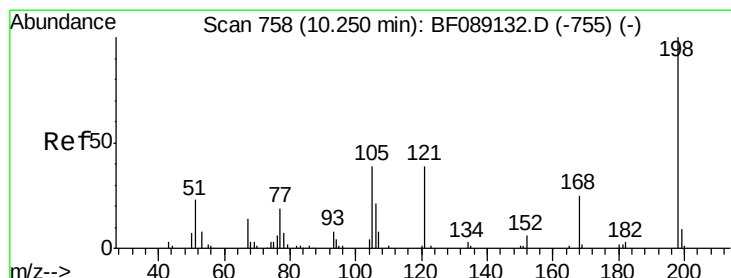
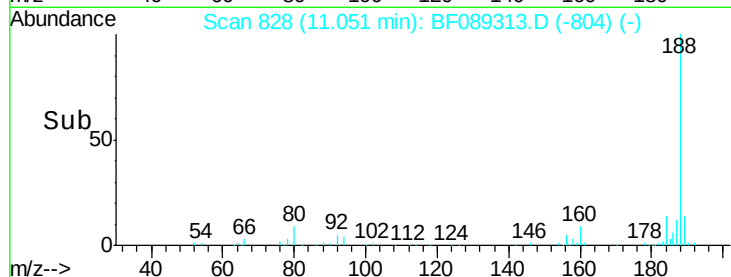
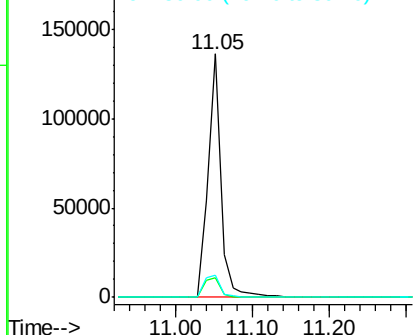
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 158735
 Ion Ratio Lower Upper
 188 100
 94 7.8 7.0 10.4
 80 9.2 7.7 11.5

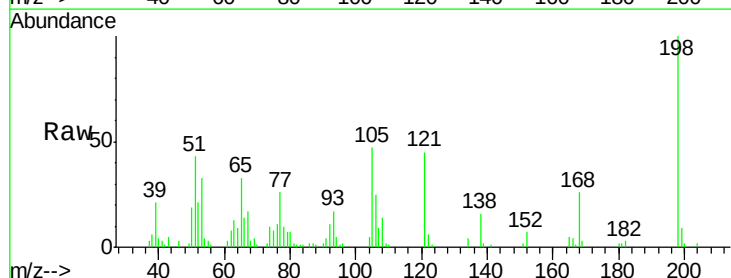


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

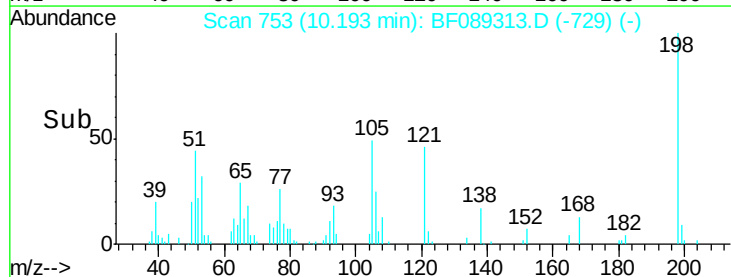
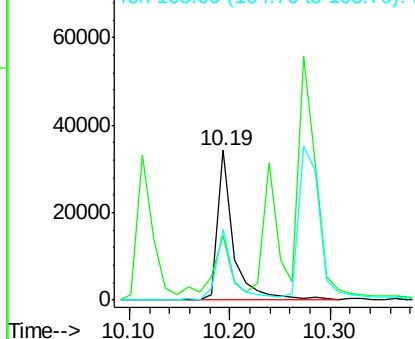


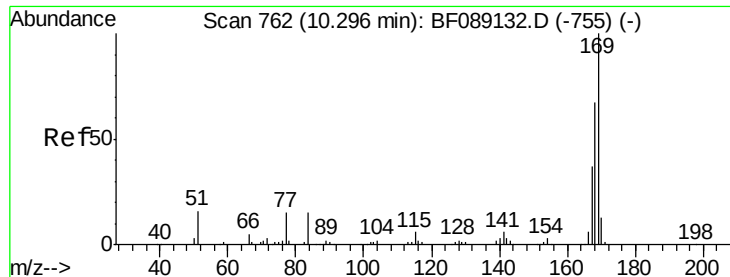
#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.65 ng
 RT: 10.19 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Tgt Ion:198 Resp: 37566
 Ion Ratio Lower Upper
 198 100
 51 43.1 11.7 51.7
 105 47.4 20.3 60.3



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: 39.83 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

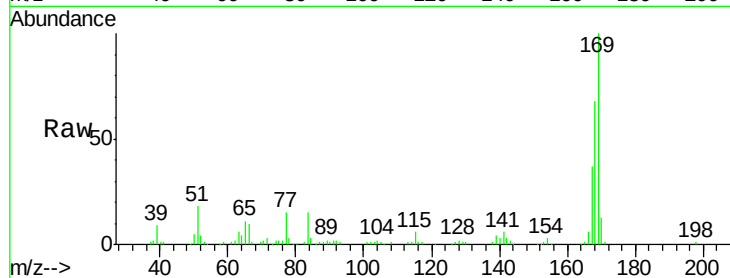
Tot Ion:169 Resp: 211307

Ion Ratio Lower Upper

169 100

168 68.2 53.4 80.0

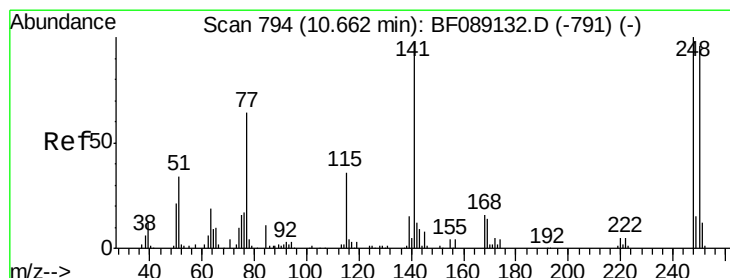
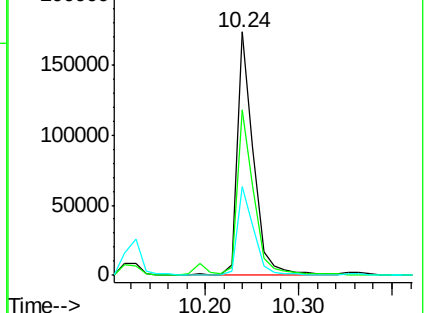
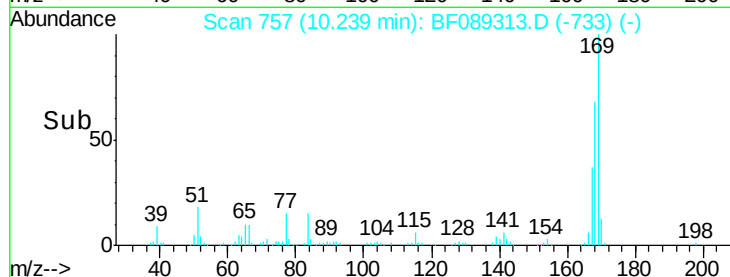
167 36.6 29.5 44.3



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: 42.98 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

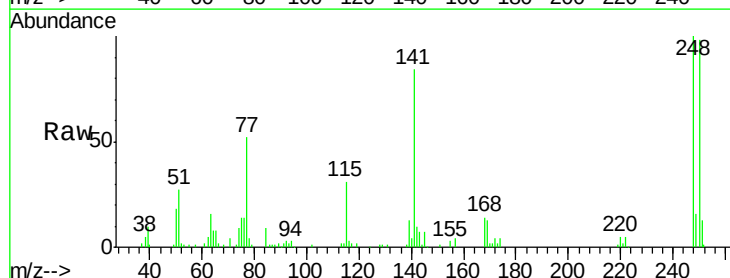
Tgt Ion:248 Resp: 67508

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

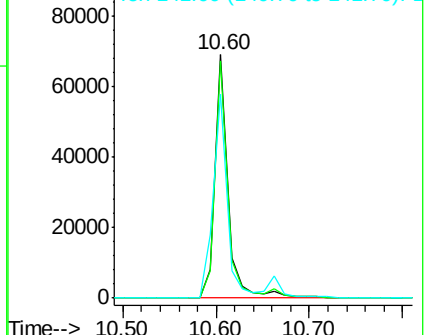
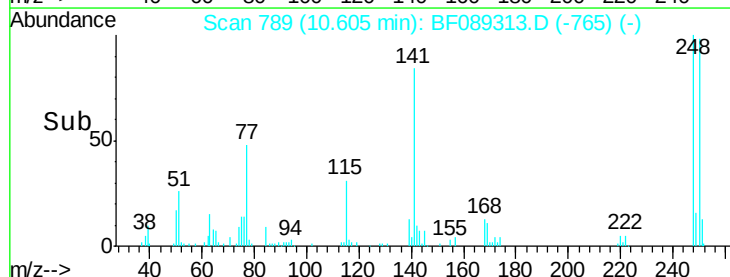
141 83.6 77.4 116.2

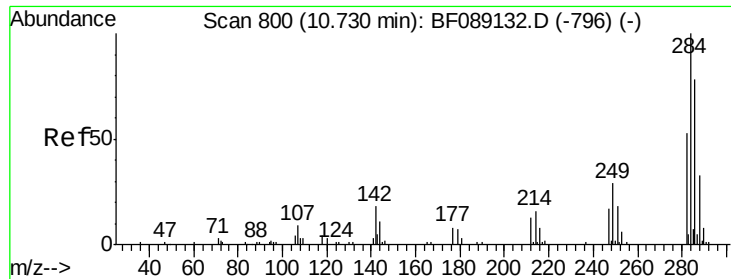


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.55 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

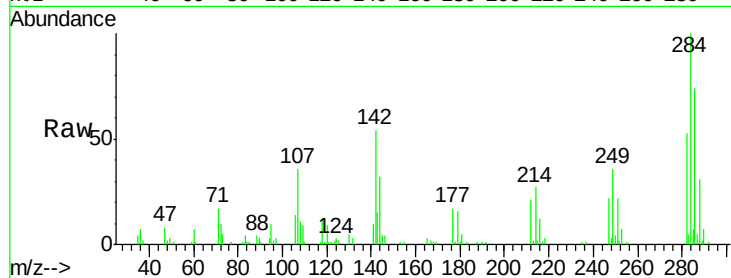
Tot Ion:284 Resp: 63449

Ion Ratio Lower Upper

284 100

142 54.5 14.1 21.1#

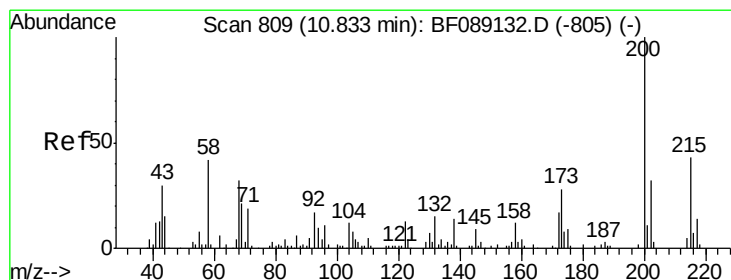
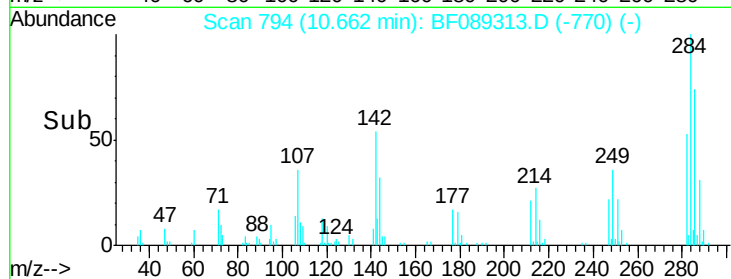
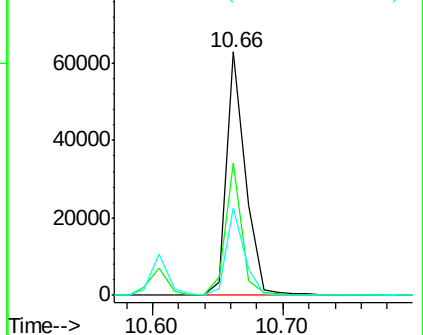
249 36.1 23.0 34.4#



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: 38.43 ng

RT: 10.78 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

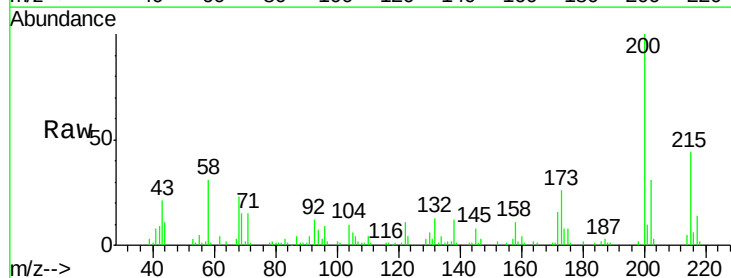
Tgt Ion:200 Resp: 63748

Ion Ratio Lower Upper

200 100

173 26.4 7.8 47.8

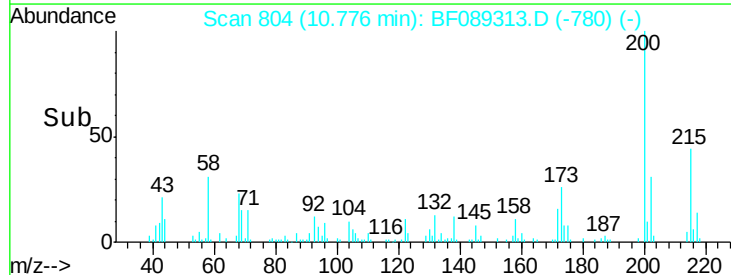
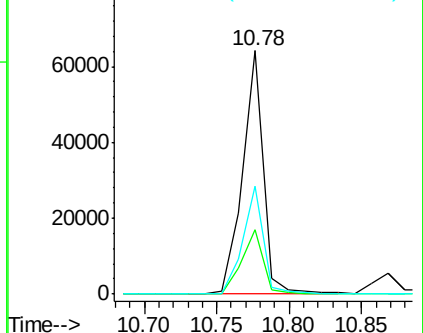
215 44.3 22.9 62.9

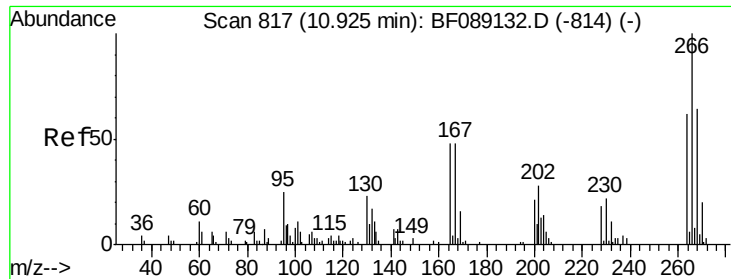


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

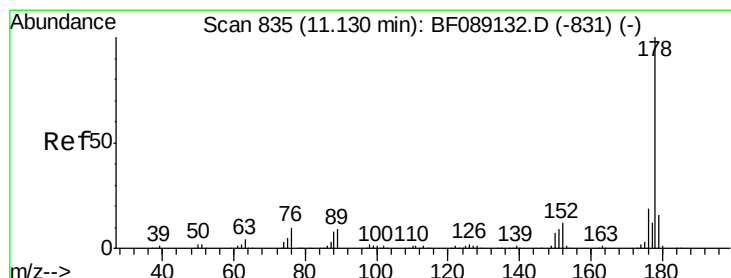
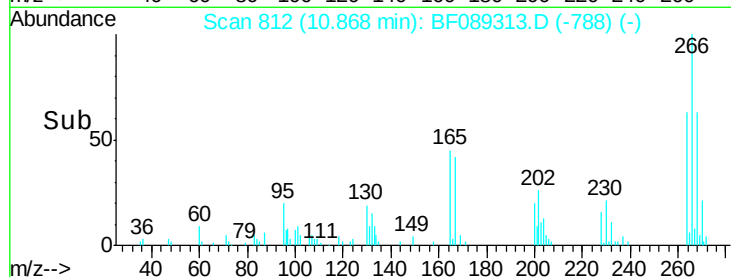
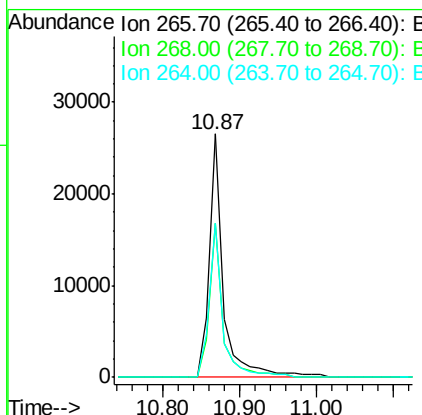
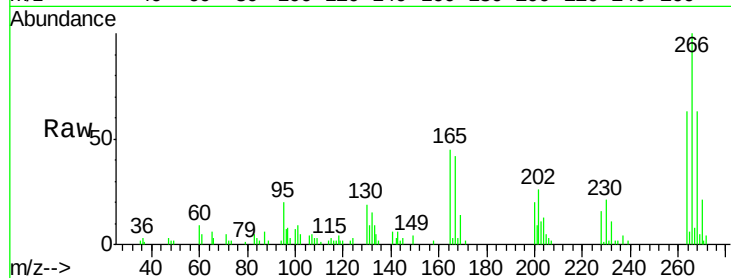




#69
 Pentachlorophenol
 Concen: 42.83 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

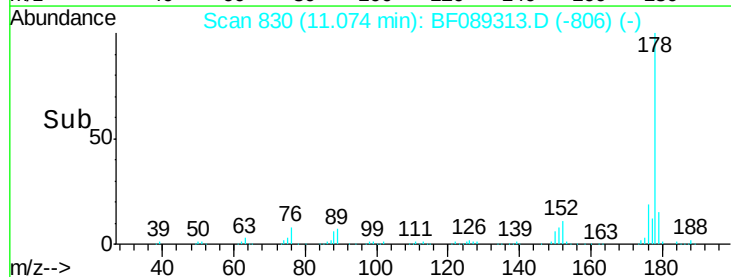
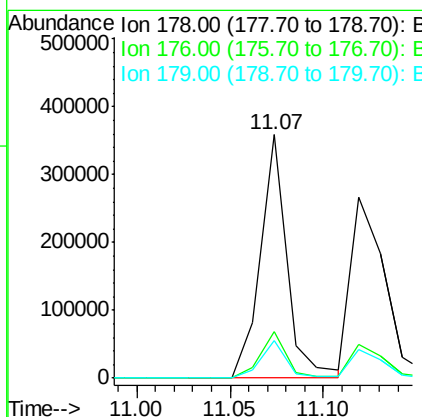
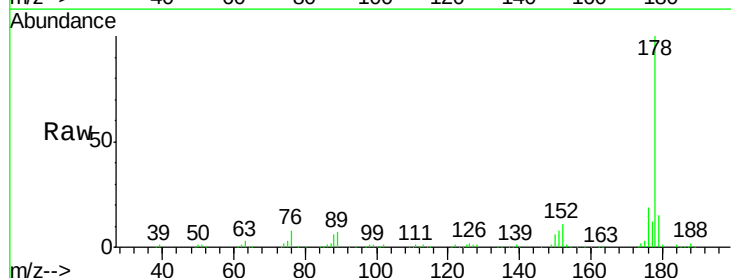
Instrument :
 BNA_F
 ClientSampleId :

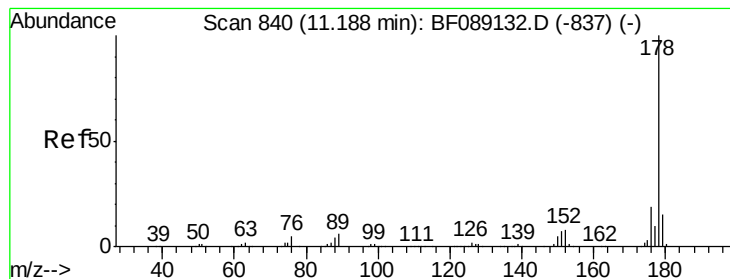
Tot Ion:266 Resp: 33382
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.2 76.8
 264 63.4 49.7 74.5



#70
 Phenanthrene
 Concen: 40.67 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Tgt Ion:178 Resp: 354120
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.6 23.4
 179 15.3 12.4 18.6





#71

Anthracene

Concen: 39.77 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

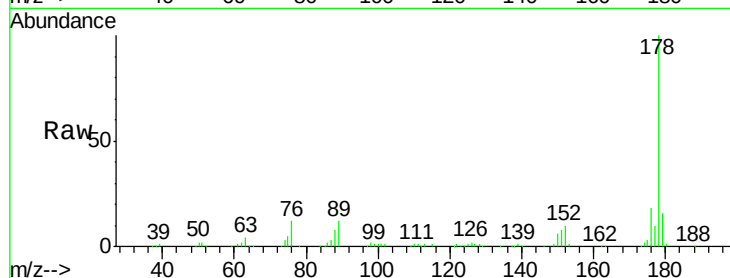
Tot Ion:178 Resp: 359947

Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

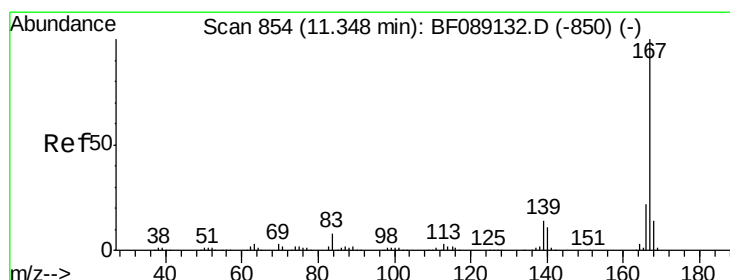
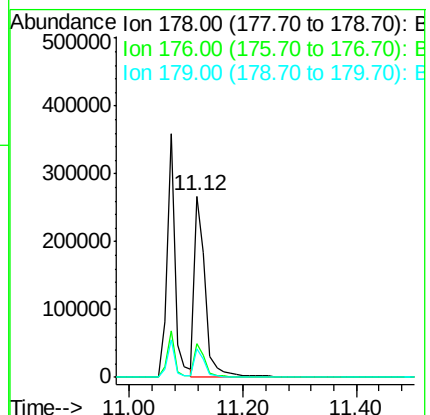
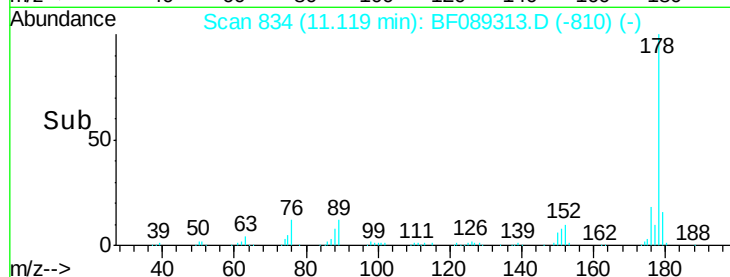
179 15.6 12.0 18.0



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: 39.93 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

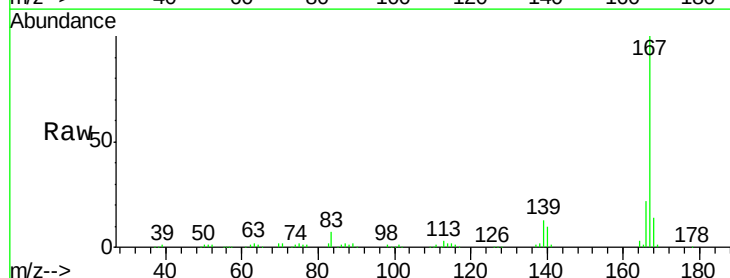
Tgt Ion:167 Resp: 317413

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

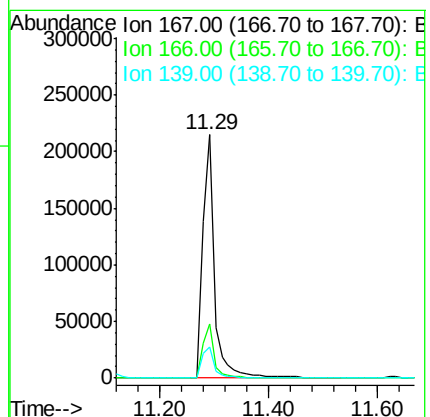
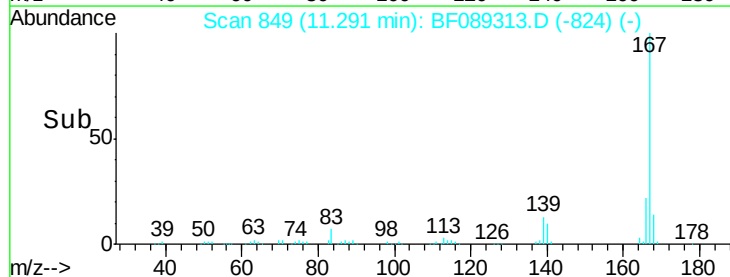
139 12.8 11.0 16.4

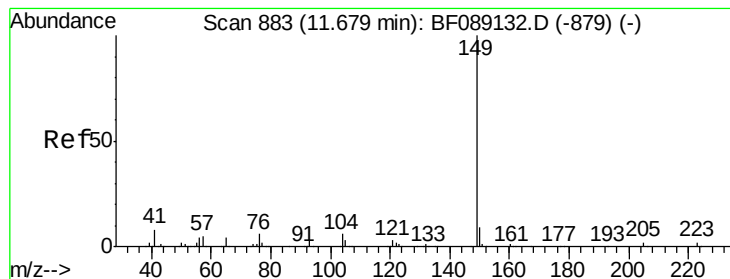


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.51 ng

RT: 11.62 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

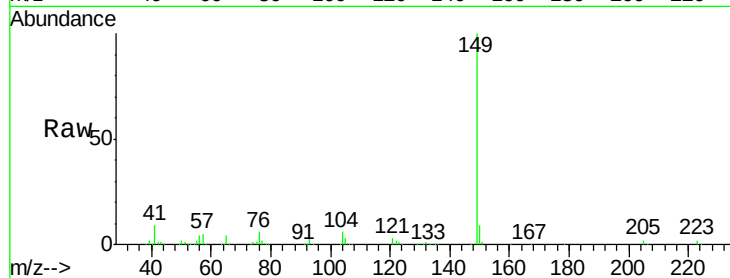
Tot Ion:149 Resp: 388484

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

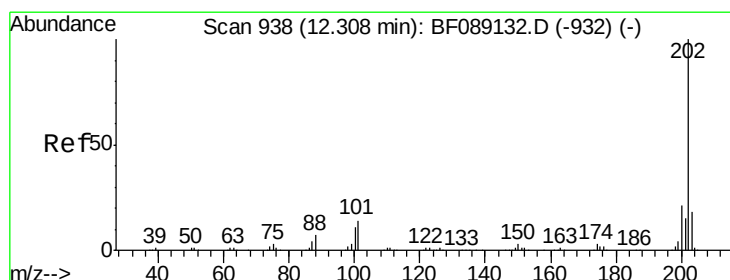
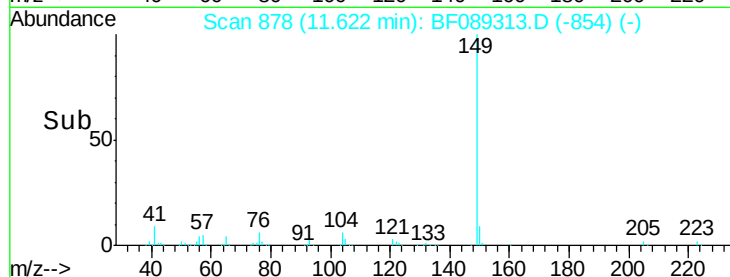
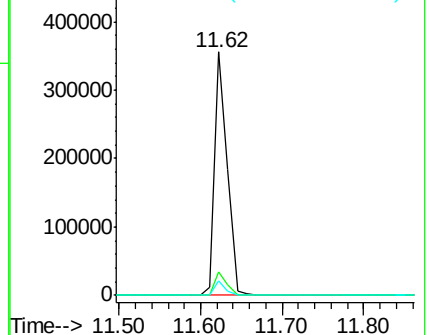
104 5.8 4.6 6.8



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: 41.53 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

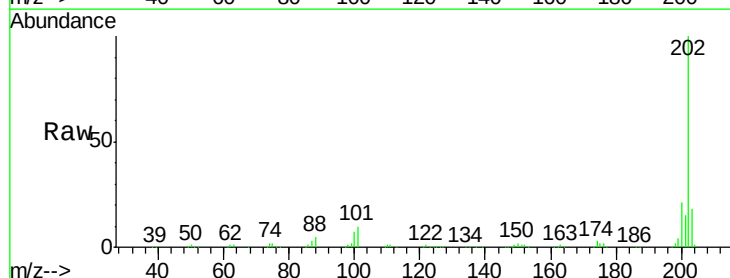
Tgt Ion:202 Resp: 380132

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.0

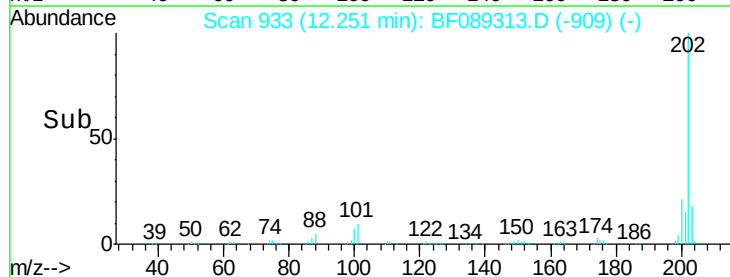
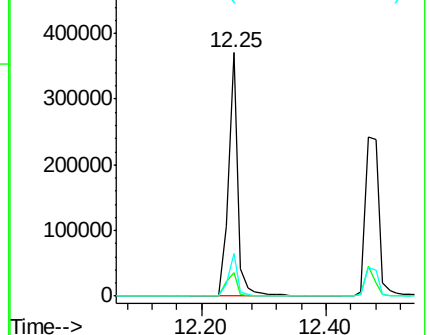
203 17.7 0.0 37.8

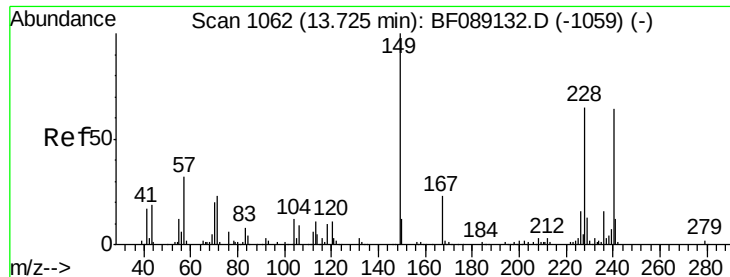


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.67 min Scan# 1057

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

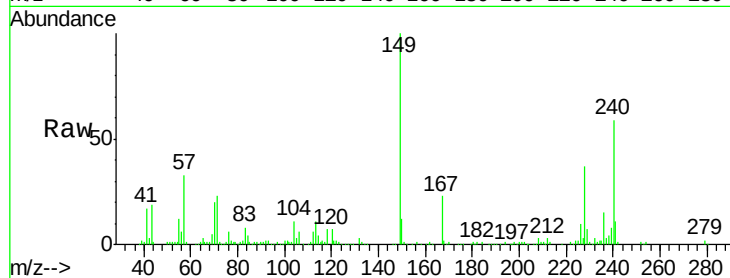
Tot Ion:240 Resp: 119894

Ion Ratio Lower Upper

240 100

120 11.7 13.6 20.4#

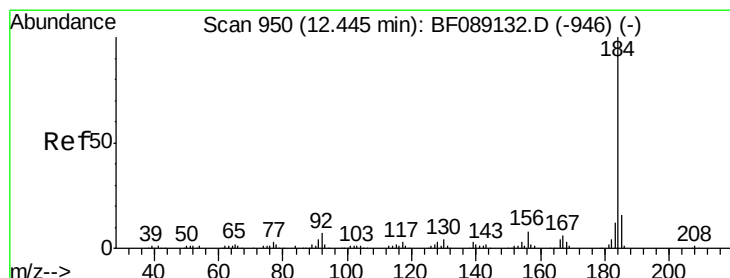
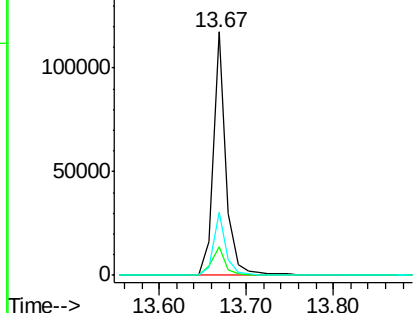
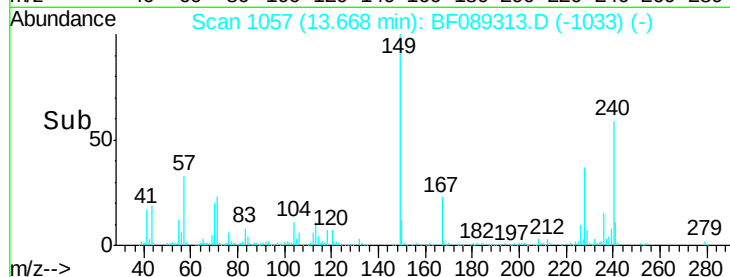
236 25.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.41 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

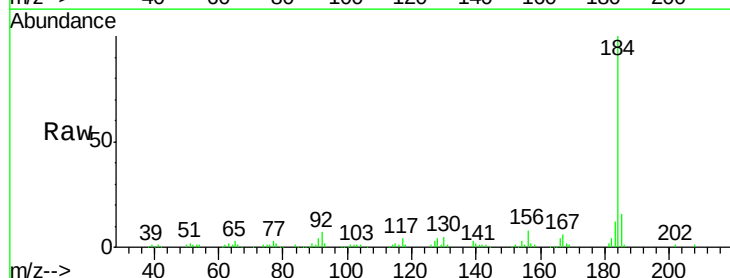
Tgt Ion:184 Resp: 174818

Ion Ratio Lower Upper

184 100

185 16.0 12.5 18.7

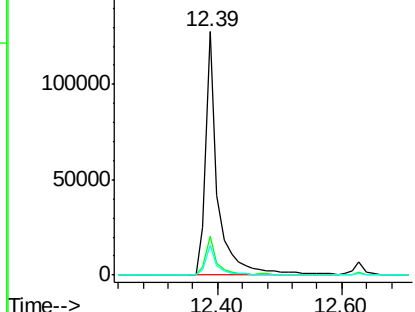
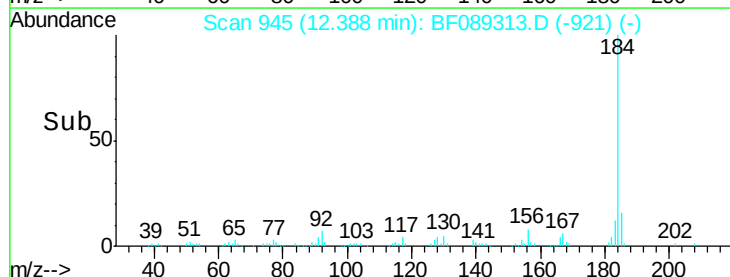
183 12.2 9.6 14.4

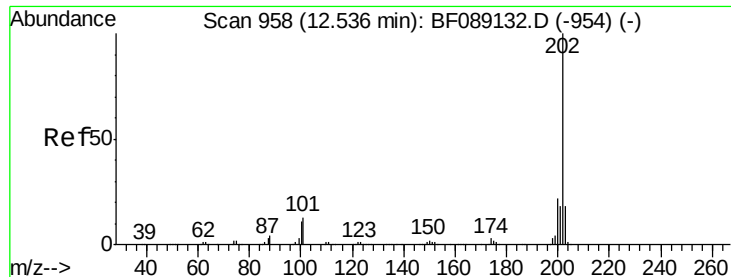


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.48 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

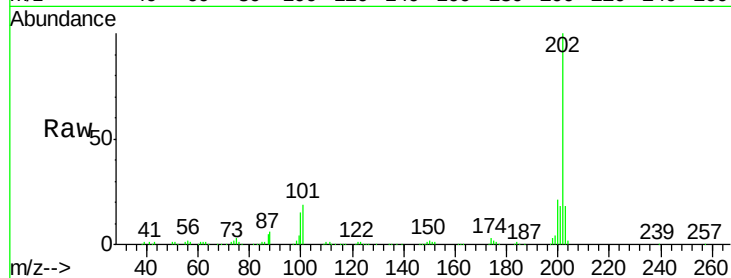
Tot Ion:202 Resp: 361235

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.0

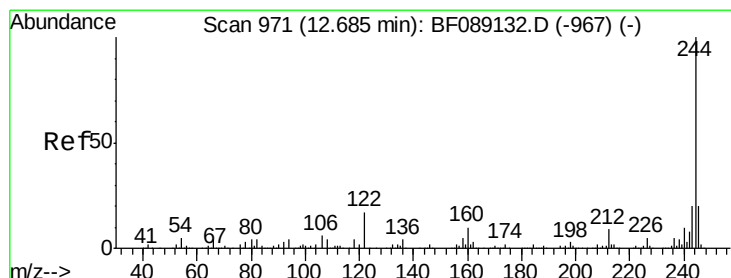
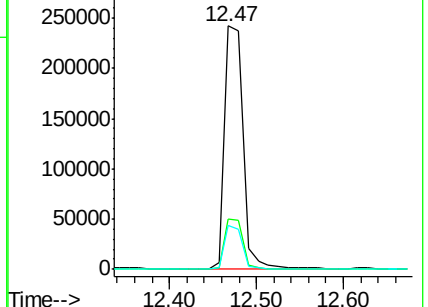
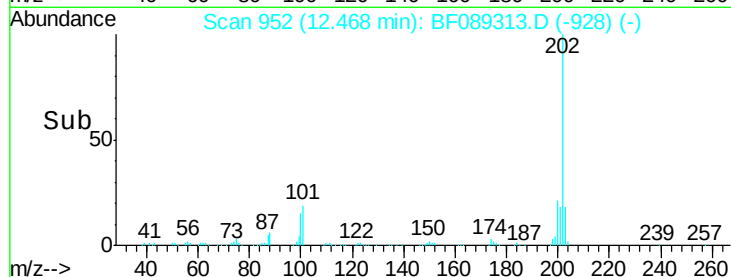
203 17.8 14.2 21.2



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: 74.14 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

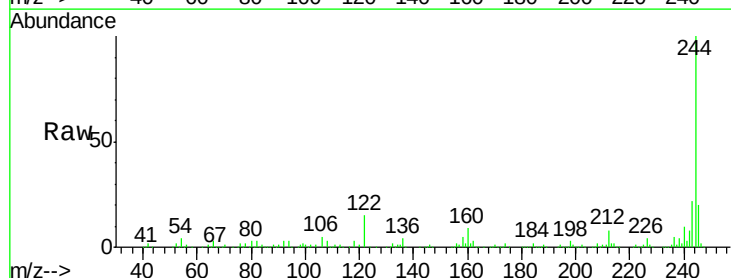
Tgt Ion:244 Resp: 409794

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

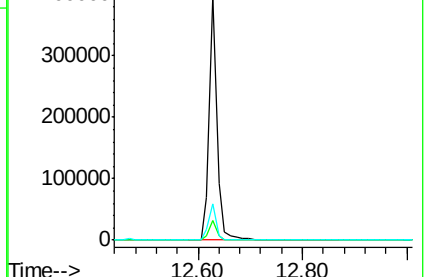
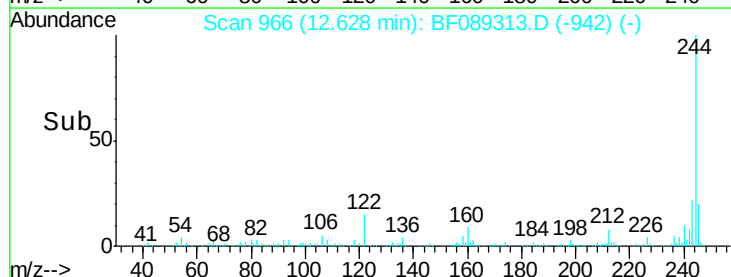
122 14.7 13.8 20.8

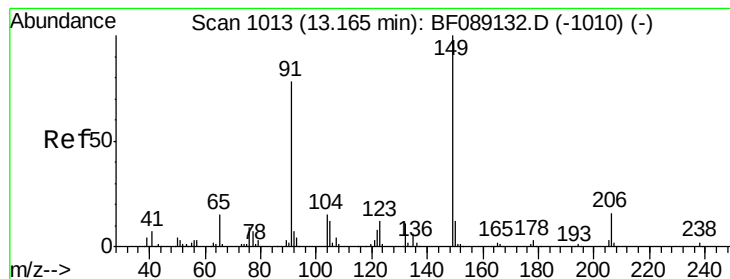


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.94 ng

RT: 13.11 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampled :

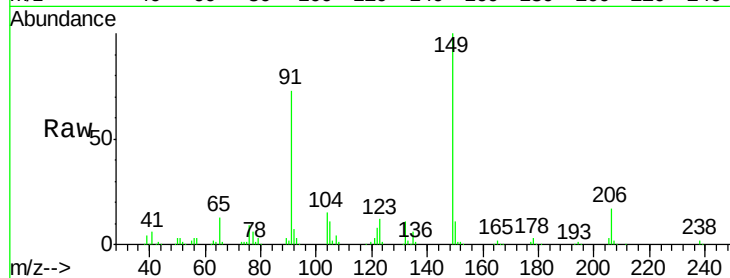
Tot Ion:149 Resp: 171494

Ion Ratio Lower Upper

149 100

91 73.3 62.6 93.8

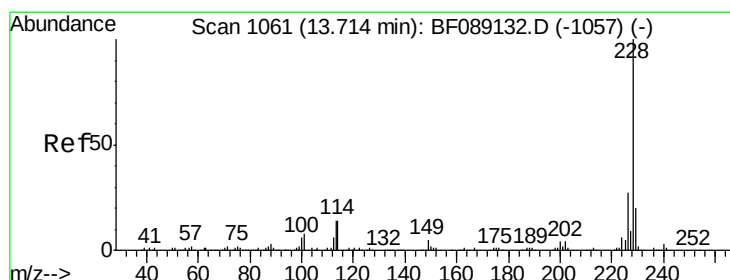
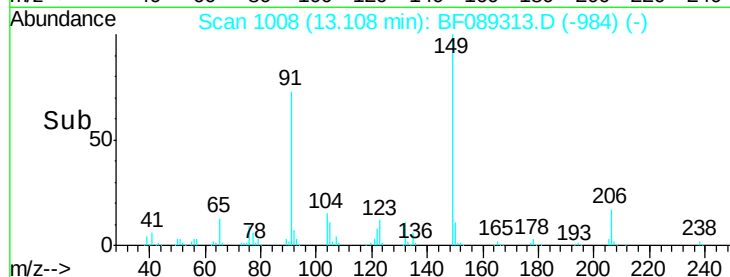
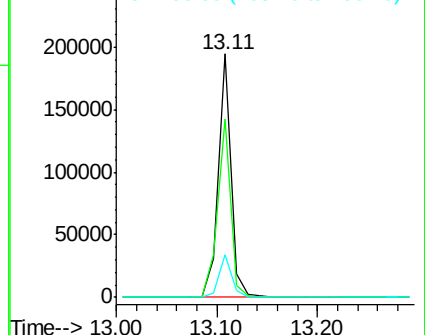
206 17.3 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.49 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

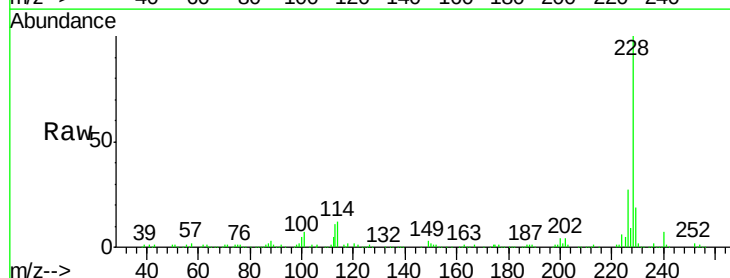
Tgt Ion:228 Resp: 278651

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

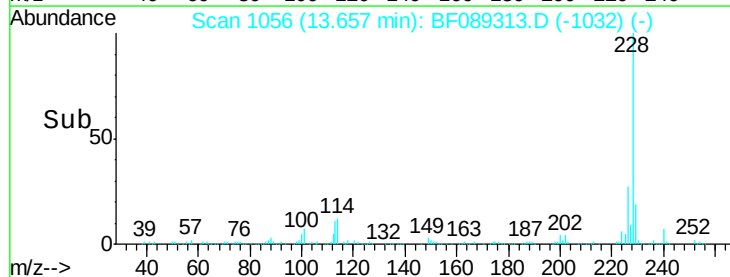
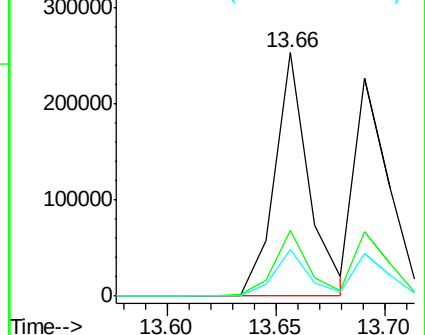
229 19.3 15.8 23.8

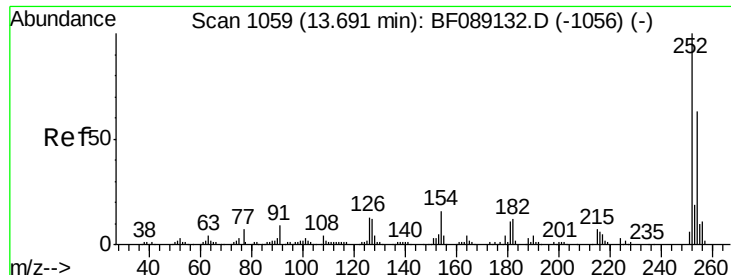


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

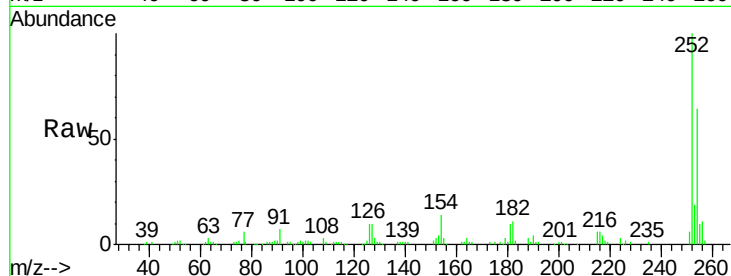




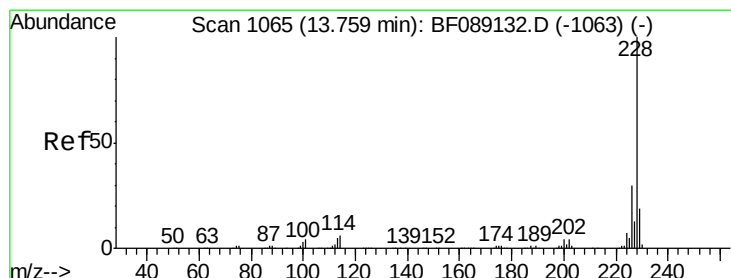
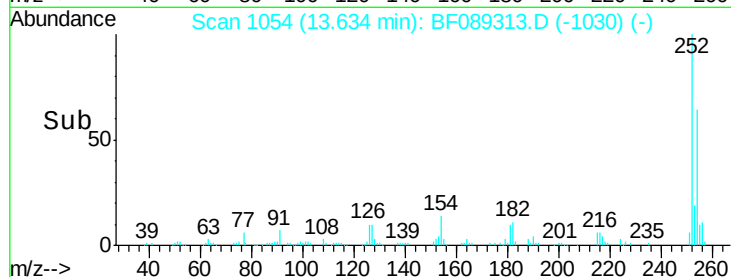
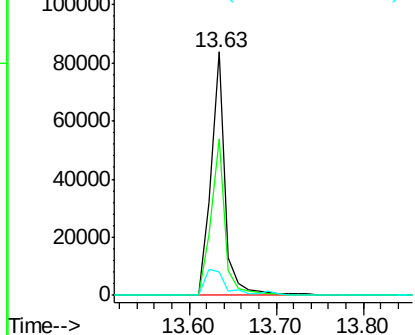
#81
 3,3'-Dichlorobenzidine
 Concen: 37.78 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 95693
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 9.8 10.2 15.2#

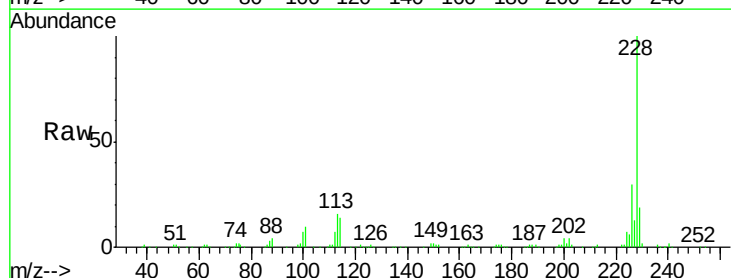


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

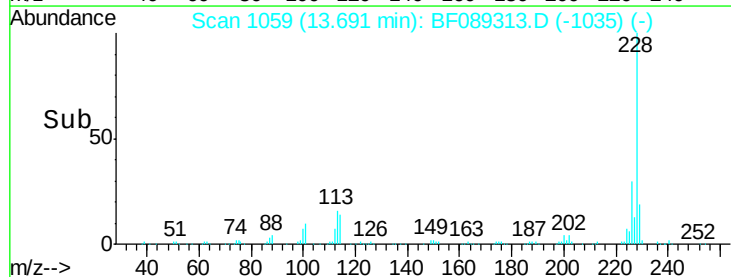
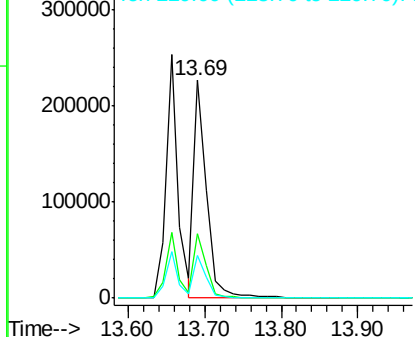


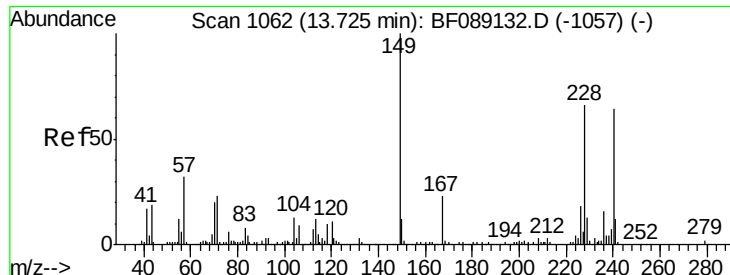
#82
 Chrysene
 Concen: 35.71 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Tgt Ion:228 Resp: 260456
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.8 35.8
 229 19.5 15.4 23.0



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: 40.81 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

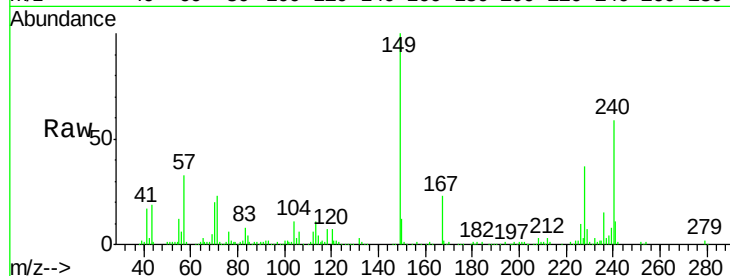
Tot Ion:149 Resp: 226747

Ion Ratio Lower Upper

149 100

167 23.4 18.6 28.0

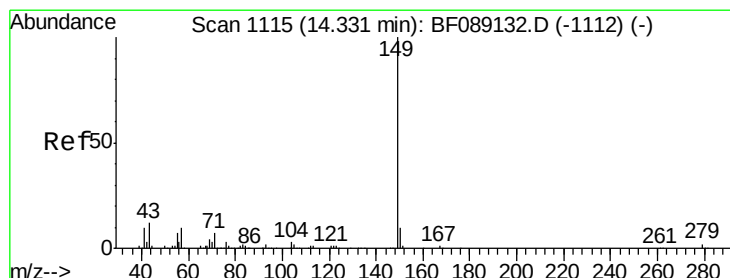
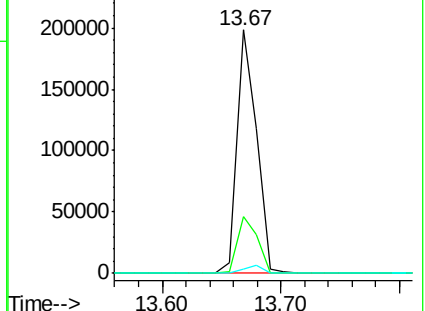
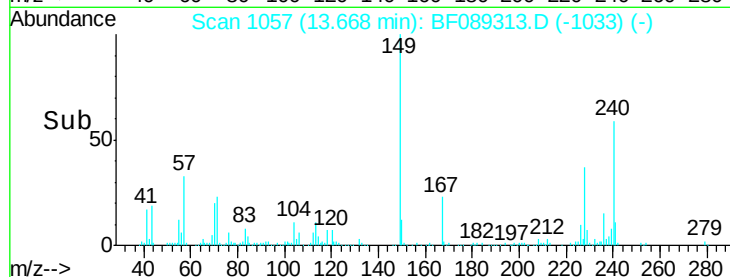
279 1.7 1.6 2.4



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: 41.20 ng

RT: 14.27 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

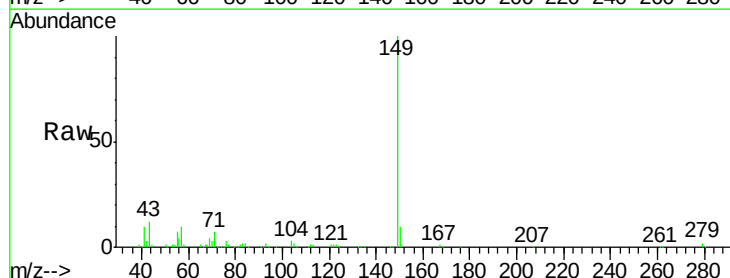
Tgt Ion:149 Resp: 377680

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

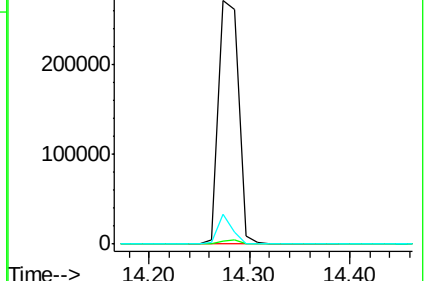
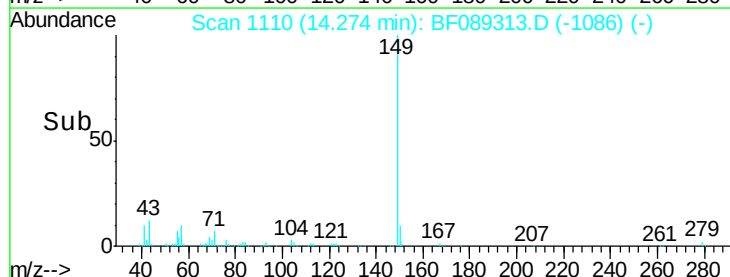
43 8.9 7.3 10.9

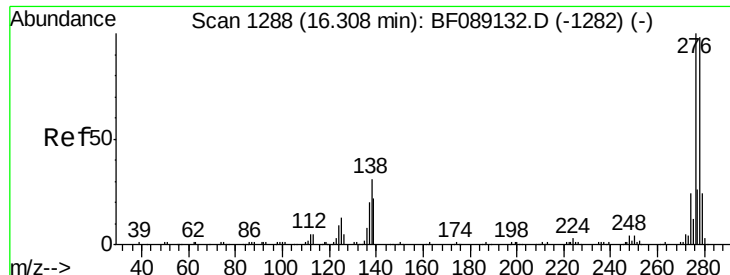


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

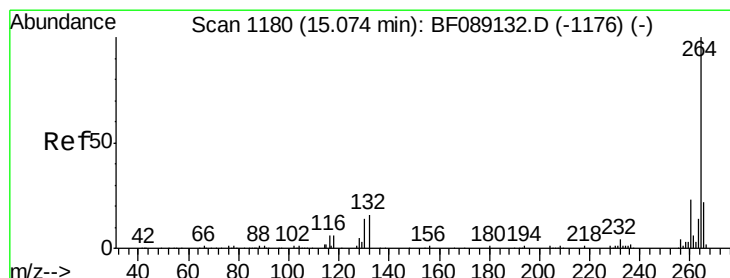
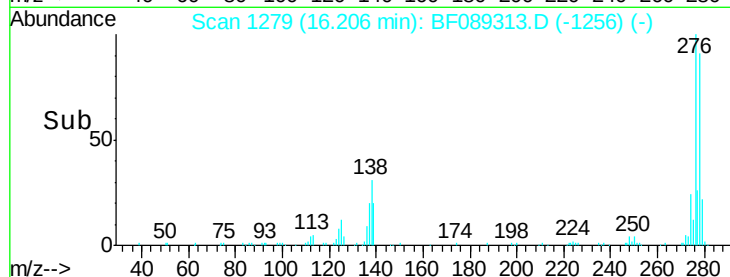
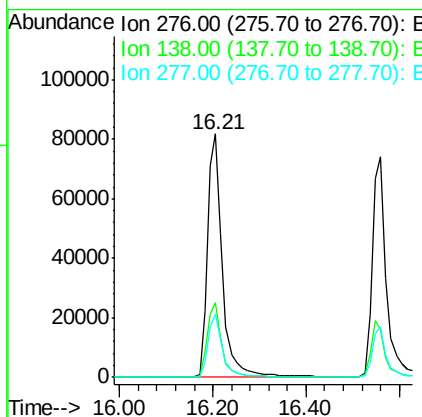
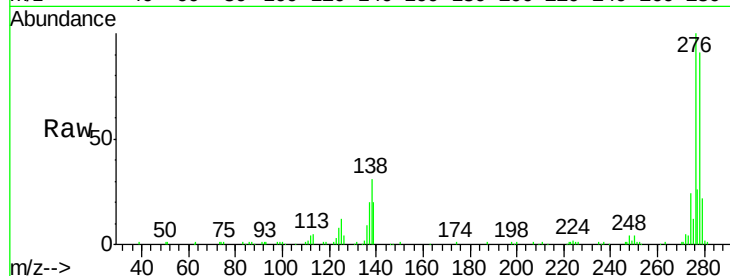




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.08 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BF08913.D
 Acq: 26 Jul 2016 18:35

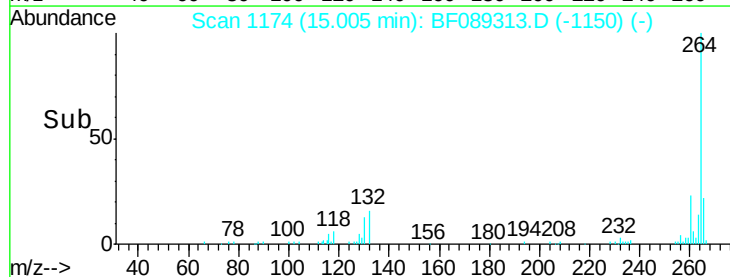
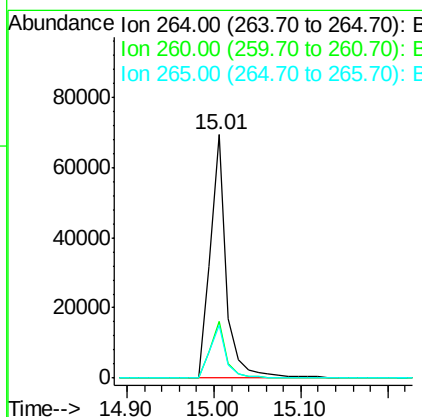
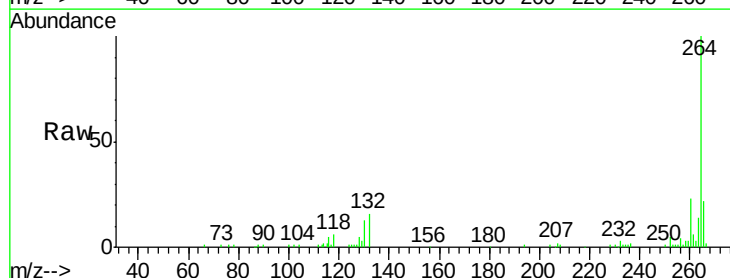
Instrument :
 BNA_F
 ClientSampled :

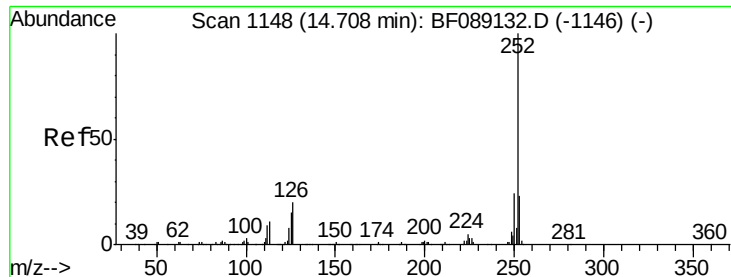
Tot Ion:276 Resp: 185823
 Ion Ratio Lower Upper
 276 100
 138 29.7 23.7 35.5
 277 25.1 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF08913.D
 Acq: 26 Jul 2016 18:35

Tgt Ion:264 Resp: 89646
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 21.5 17.3 25.9

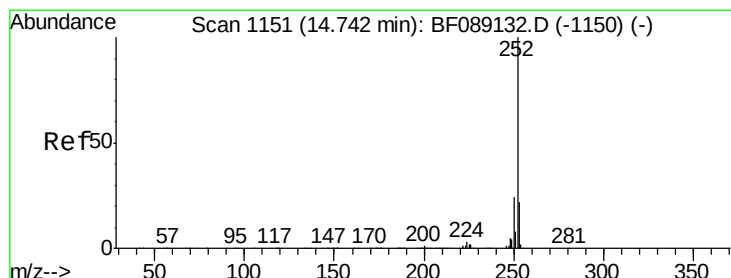
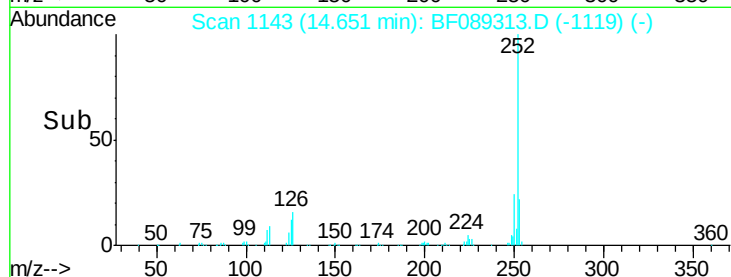
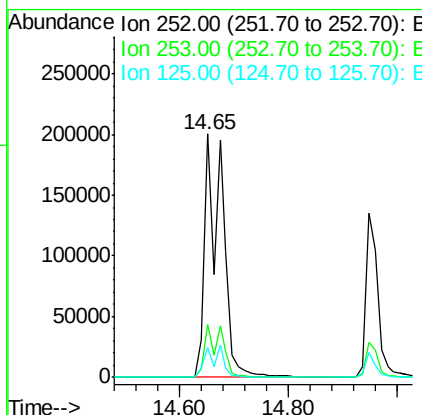
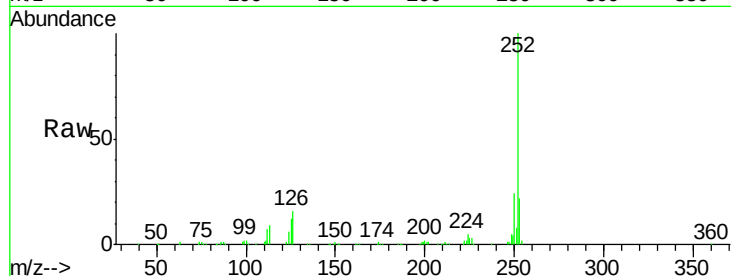




#87
Benzo(b)fluoranthene
Concen: 70.44 ng
RT: 14.65 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF08913.D
Acq: 26 Jul 2016 18:35

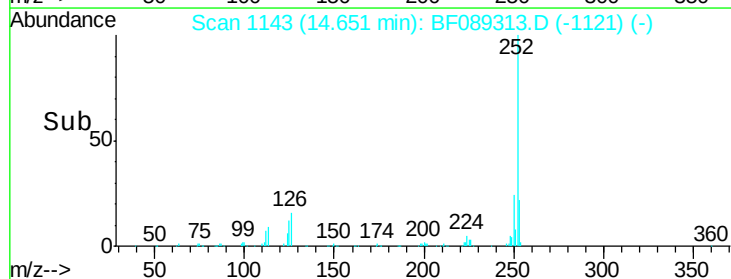
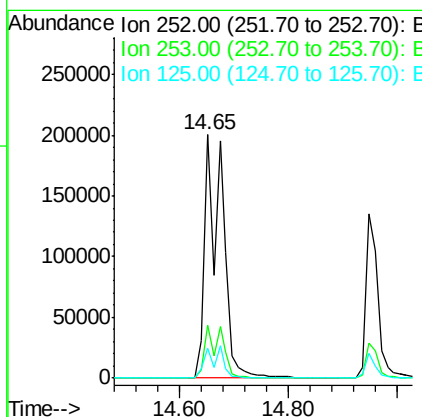
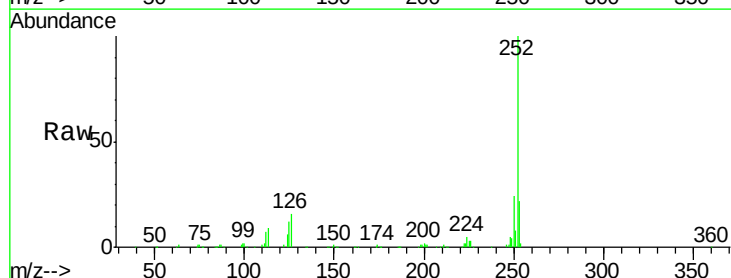
Instrument :
BNA_F
ClientSampled :

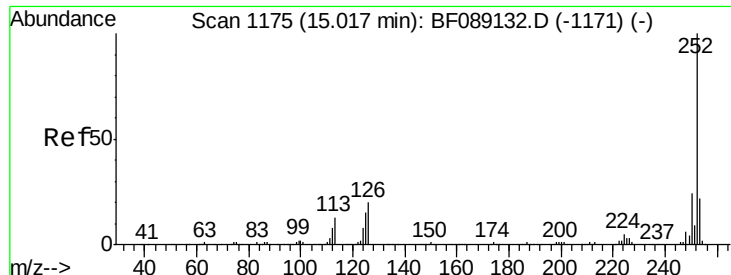
Tot Ion:252 Resp: 457378
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 12.0 11.9 17.9



#88
Benzo(k)fluoranthene
Concen: 98.51 ng
RT: 14.65 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BF08913.D
Acq: 26 Jul 2016 18:35

Tgt Ion:252 Resp: 457378
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 12.0 6.3 9.5#

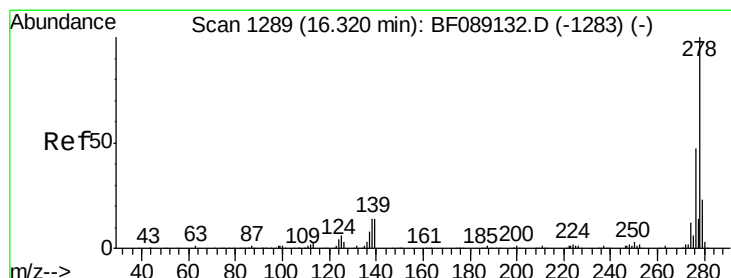
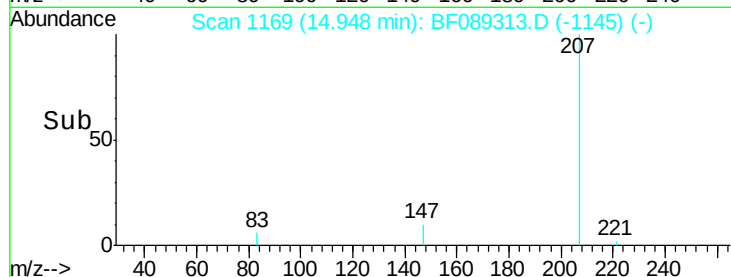
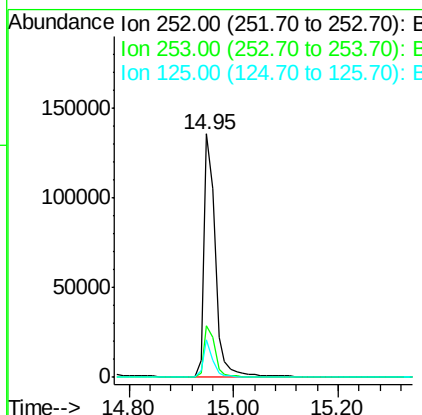
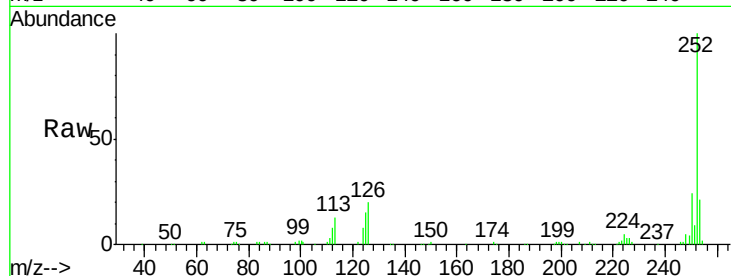




#89
Benzo(a)pyrene
Concen: 41.12 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF08913.D
Acq: 26 Jul 2016 18:35

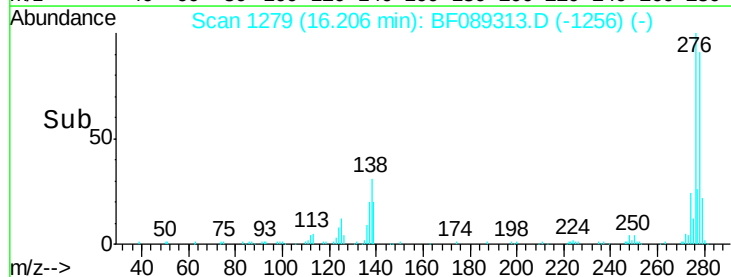
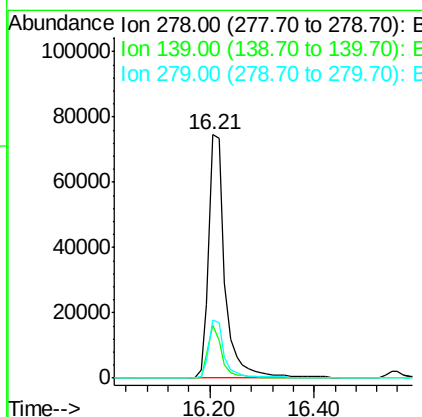
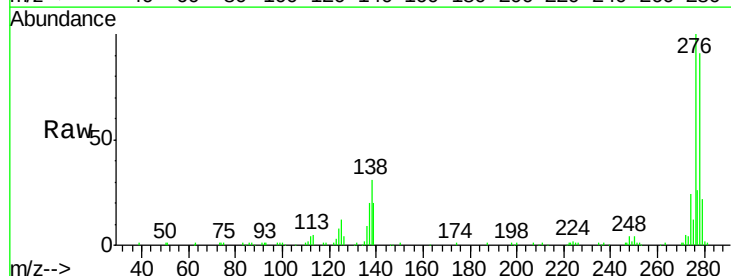
Instrument :
BNA_F
ClientSampleId :

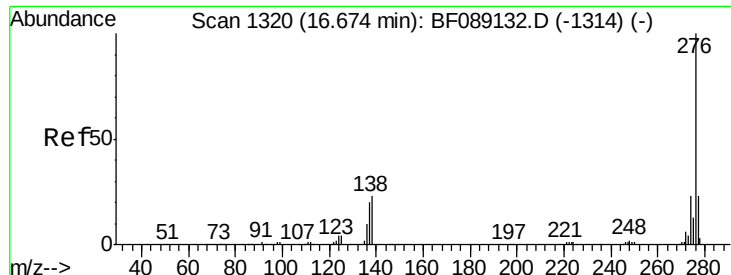
Tot Ion:252 Resp: 207271
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 15.3 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 41.10 ng
RT: 16.21 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF08913.D
Acq: 26 Jul 2016 18:35

Tgt Ion:278 Resp: 163577
Ion Ratio Lower Upper
278 100
139 21.8 11.4 17.2#
279 23.6 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 40.53 ng

RT: 16.56 min Scan# 1310

Delta R.T. -0.03 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

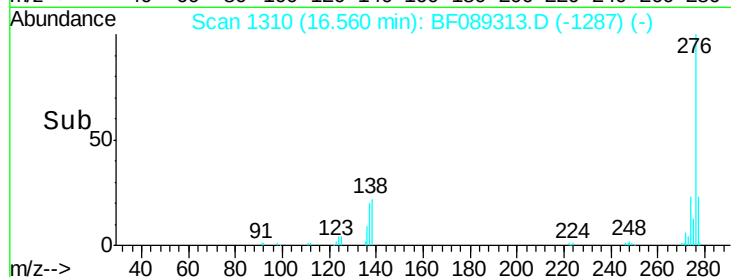
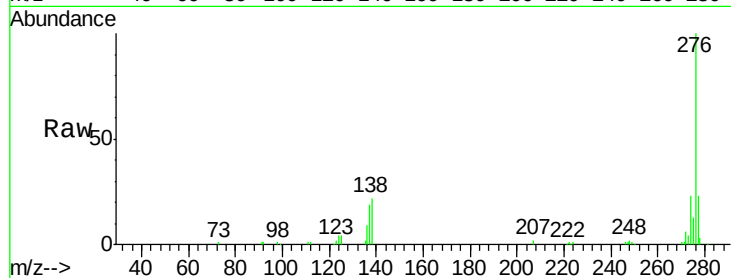
Tot Ion: 276 Resp: 162623

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 21.8 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

