

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021417\
 Data File : BF092946.D
 Acq On : 14 Feb 2017 16:14
 Operator : SJ/MA
 Sample : I1792-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 16:53:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	155851	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	655607	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	337670	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	528207	20.00	ng	0.00
75) Chrysene-d12	14.03	240	324820	20.00	ng	-0.02
86) Perylene-d12	15.47	264	300310	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1235607	136.02	ng	0.00
7) Phenol-d6	6.52	99	1629343	139.40	ng	-0.01
23) Nitrobenzene-d5	7.45	82	911590	77.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	285788	117.02	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1554561	83.41	ng	0.00
78) Terphenyl-d14	12.98	244	1131913	81.88	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	147457	30.04	ng	# 84
3) Pyridine	3.25	79	357472	28.64	ng	85
4) n-Nitrosodimethylamine	3.21	42	222717	38.00	ng	89
6) Aniline	6.54	93	335564	21.05	ng	# 83
8) 2-Chlorophenol	6.67	128	411537	41.06	ng	94
9) Benzaldehyde	6.43	77	99336	11.86	ng	93
10) Phenol	6.54	94	495442	36.23	ng	88
11) bis(2-Chloroethyl)ether	6.62	93	427017	39.12	ng	96
12) 1,3-Dichlorobenzene	6.90	146	472174	40.23	ng	95
13) 1,4-Dichlorobenzene	6.90	146	472174	39.74	ng	95
14) 1,2-Dichlorobenzene	7.05	146	397483	34.99	ng	98
15) Benzyl Alcohol	7.02	79	324173	37.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	701736	37.00	ng	94
17) 2-Methylphenol	7.14	107	348468	40.53	ng	97
18) Hexachloroethane	7.39	117	149218	36.79	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	275568	37.04	ng	95
20) 3+4-Methylphenols	7.30	107	405514	39.45	ng	97
22) Acetophenone	7.30	105	541073	36.15	ng	# 90
24) Nitrobenzene	7.47	77	494329	40.89	ng	90
25) Isophorone	7.71	82	825775	37.64	ng	98
26) 2-Nitrophenol	7.78	139	216436	37.66	ng	93
27) 2,4-Dimethylphenol	7.82	122	391619	38.80	ng	96
28) bis(2-Chloroethoxy)methane	7.92	93	496523	34.17	ng	98
29) 2,4-Dichlorophenol	8.03	162	375611	39.91	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	378595	37.33	ng	98
31) Naphthalene	8.19	128	1209217	36.38	ng	99
32) Benzoic acid	7.90	122	36745	12.63	ng	95
33) 4-Chloroaniline	8.24	127	159360	12.23	ng	98
34) Hexachlorobutadiene	8.30	225	202036	36.20	ng	99
35) Caprolactam	8.60	113	104134	35.17	ng	# 40
36) 4-Chloro-3-methylphenol	8.73	107	367262	37.43	ng	96
37) 2-Methylnaphthalene	8.88	142	760670	35.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	347114	36.62	ng	99
40) Hexachlorocyclopentadiene	9.02	237	224206	52.43	ng	95

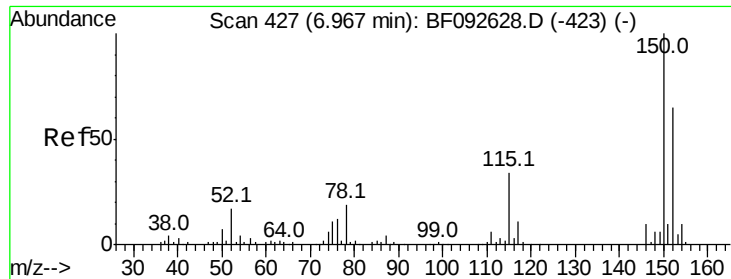
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021417\
 Data File : BF092946.D
 Acq On : 14 Feb 2017 16:14
 Operator : SJ/MA
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	250752	40.26	nq	95
43) 2,4,5-Trichlorophenol	9.21	196	245940	36.04	nq #	83
45) 1,1'-Biphenyl	9.34	154	959228	39.23	nq	100
46) 2-Chloronaphthalene	9.37	162	771319	40.33	nq	97
47) 2-Nitroaniline	9.46	65	228951	35.60	nq	93
48) Acenaphthylene	9.78	152	1122886	33.98	nq	99
49) Dimethylphthalate	9.64	163	1021792	44.93	nq	99
50) 2,6-Dinitrotoluene	9.71	165	210008	42.76	nq #	82
51) Acenaphthene	9.95	154	678273	34.33	nq	97
52) 3-Nitroaniline	9.87	138	132249	23.53	nq	100
53) 2,4-Dinitrophenol	9.98	184	127241	52.64	nq #	91
54) Dibenzofuran	10.12	168	993450	37.60	nq	95
55) 4-Nitrophenol	10.04	139	254438	62.85	nq	93
56) 2,4-Dinitrotoluene	10.11	165	259500	39.68	nq	90
57) Fluorene	10.46	166	785501	38.64	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	191398	42.04	nq	94
59) Diethylphthalate	10.34	149	804841	37.55	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	330385	33.83	nq	93
61) 4-Nitroaniline	10.49	138	178267	30.96	nq	93
62) Azobenzene	10.61	77	872134	39.38	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	121391	38.33	nq	86
65) n-Nitrosodiphenylamine	10.58	169	715580	42.41	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	214160	38.81	nq	93
67) Hexachlorobenzene	11.01	284	214483	39.33	nq #	92
68) Atrazine	11.10	200	222370	41.07	nq	97
69) Pentachlorophenol	11.21	266	214656	76.59	nq	98
70) Phenanthrene	11.42	178	1134544	37.49	nq	99
71) Anthracene	11.47	178	1091992	35.93	nq	98
72) Carbazole	11.63	167	930848	32.04	nq	99
73) Di-n-butylphthalate	11.96	149	1330786	42.36	nq #	96
74) Fluoranthene	12.61	202	1107994	35.50	nq	90
76) Benzidine	12.73	184	278205	20.10	nq	97
77) Pyrene	12.84	202	1069343	43.99	nq	98
79) Butylbenzylphthalate	13.45	149	433461	43.91	nq	95
80) Benzo(a)anthracene	14.02	228	693274	34.90	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	160132	22.61	nq #	95
82) Chrysene	14.05	228	641962	34.51	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	558464	41.37	nq	99
84) Di-n-octyl phthalate	14.63	149	874404	39.78	nq	100
85) Indeno(1,2,3-cd)pyrene	16.89	276	772355	53.61	nq	95
87) Benzo(b)fluoranthene	15.08	252	1300552	65.80	nq	99
88) Benzo(k)fluoranthene	15.08	252	1300552	76.20	nq	98
89) Benzo(a)pyrene	15.41	252	651289	38.09	nq	98
90) Dibenzo(a,h)anthracene	16.90	278	620966	44.94	nq	96
91) Benzo(g,h,i)perylene	17.32	276	676232	48.44	nq #	95

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

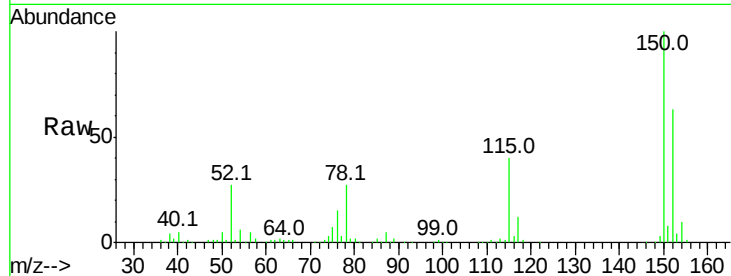


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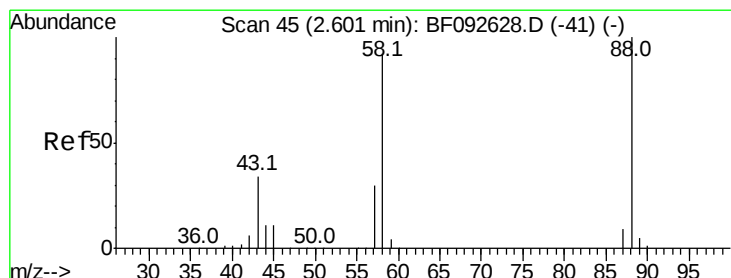
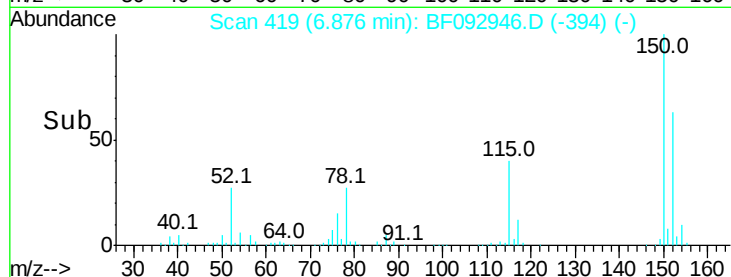
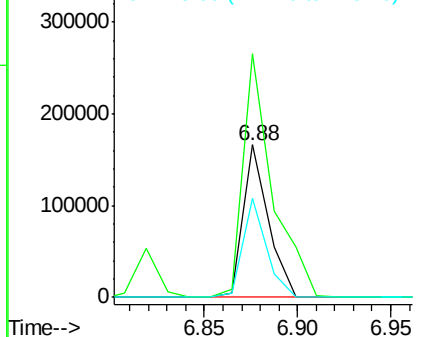
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155851
Ion Ratio Lower Upper
152 100
150 159.9 124.9 187.3
115 64.6 46.0 69.0



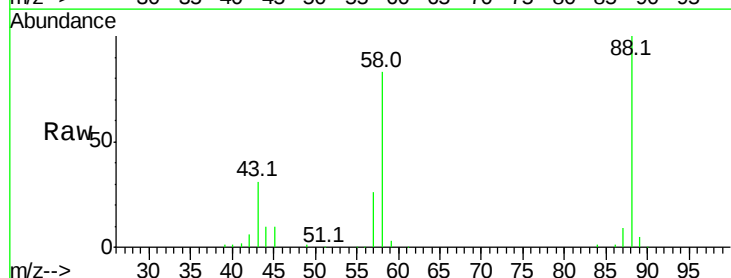
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



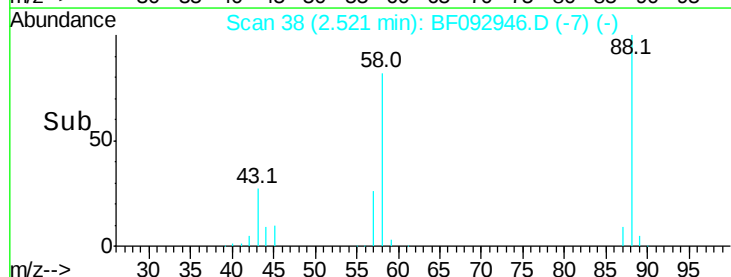
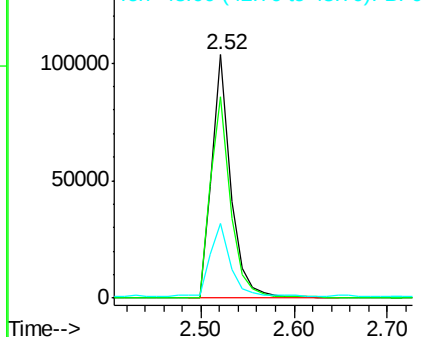
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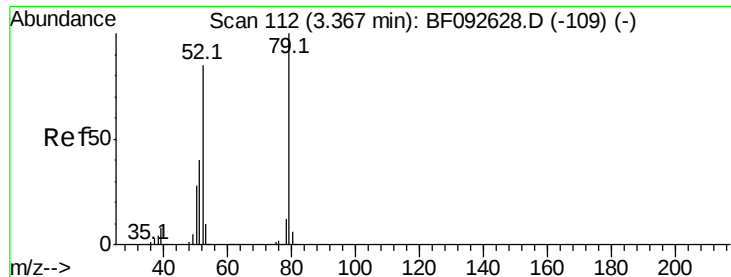
1,4-Dioxane
Concen: 30.04 ng
RT: 2.52 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion: 88 Resp: 147457
Ion Ratio Lower Upper
88 100
58 88.7 57.8 86.8#
43 31.9 22.3 33.5



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: 28.64 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.06 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

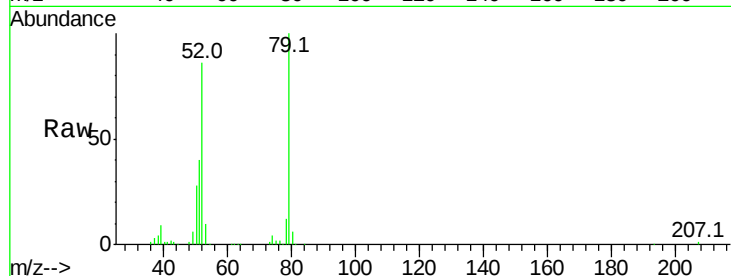
Tot Ion: 79 Resp: 357472

Ion Ratio Lower Upper

79 100

52 85.6 57.1 85.7

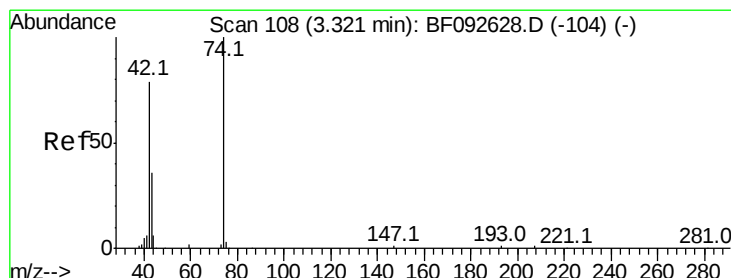
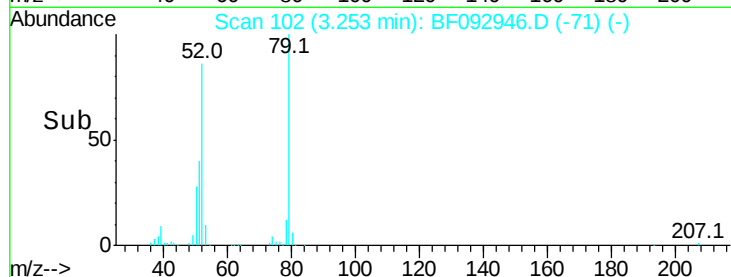
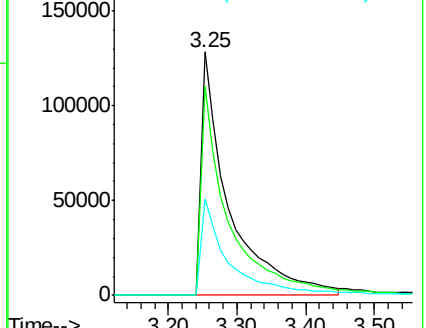
51 39.6 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.00 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.05 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

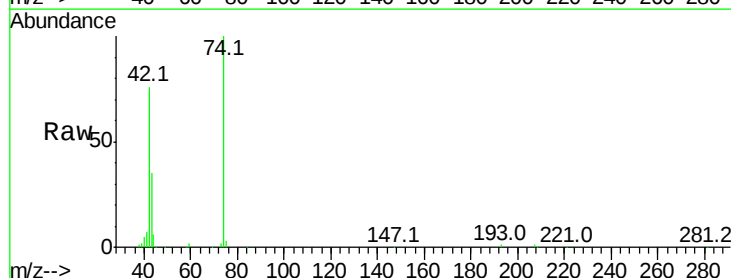
Tgt Ion: 42 Resp: 222717

Ion Ratio Lower Upper

42 100

74 131.3 117.0 175.4

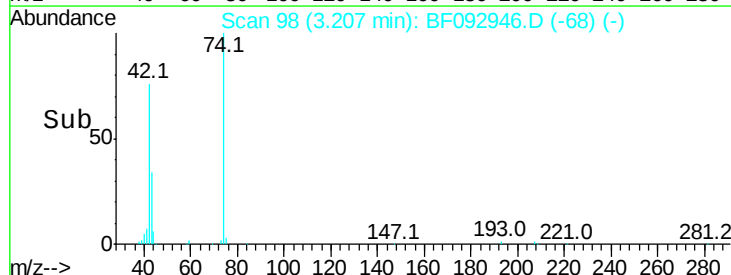
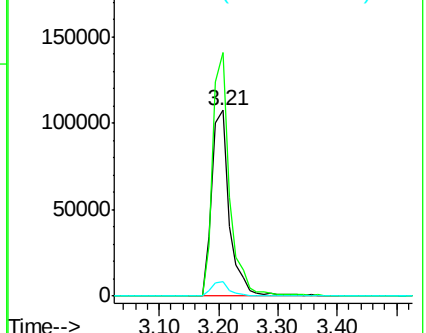
44 7.6 5.5 8.3

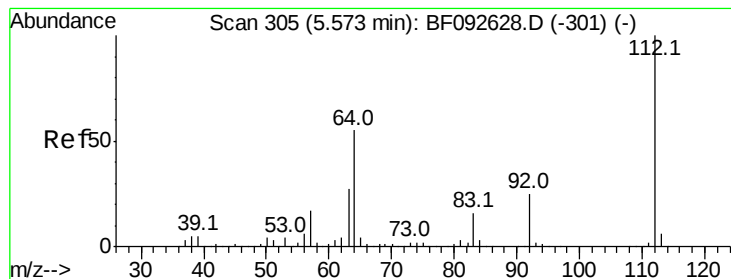


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 136.02 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampled :

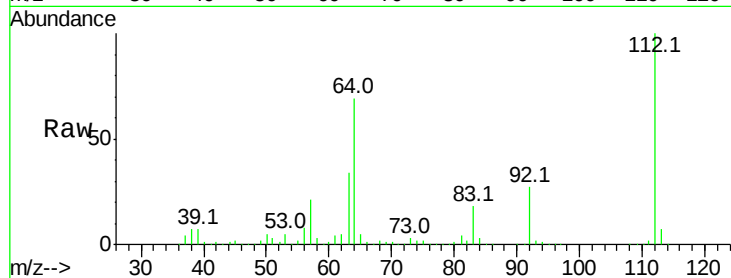
Tot Ion:112 Resp: 1235607

Ion Ratio Lower Upper

112 100

64 69.2 46.1 69.1#

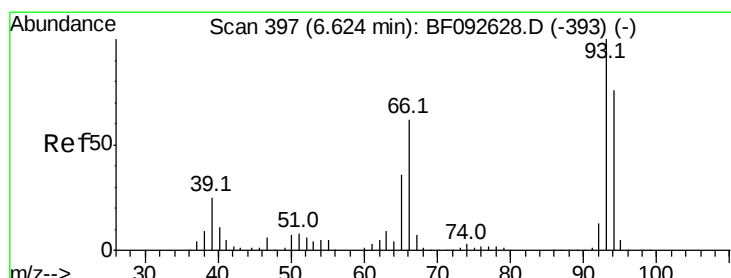
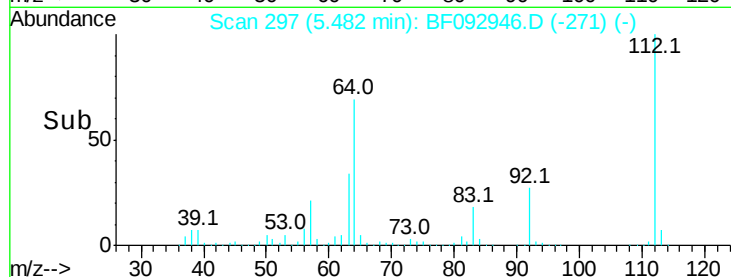
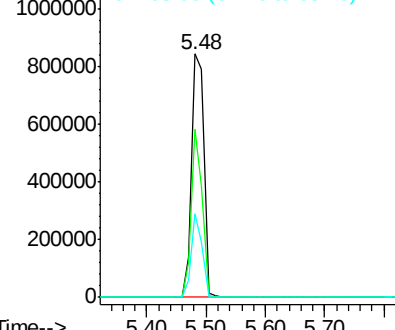
63 34.2 23.8 35.6



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: 21.05 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

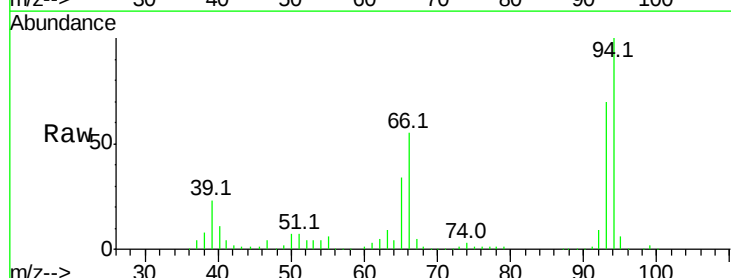
Tgt Ion: 93 Resp: 335564

Ion Ratio Lower Upper

93 100

66 78.3 76.2 114.2

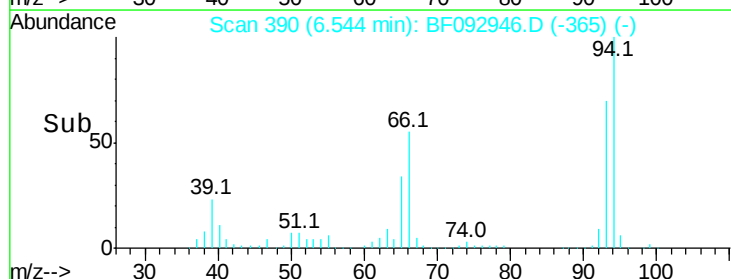
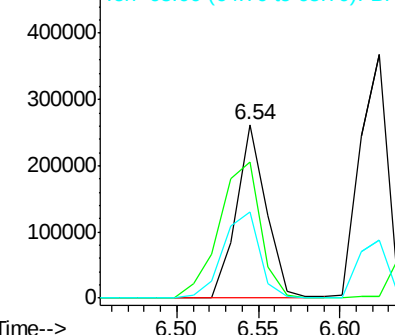
65 49.3 49.3 73.9#

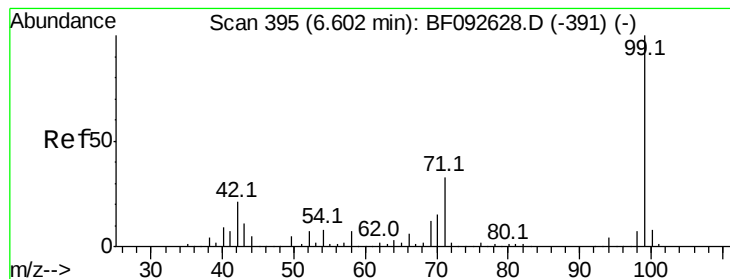


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.40 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

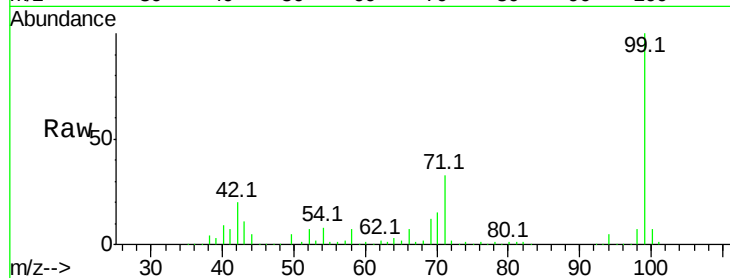
Tot Ion: 99 Resp: 1629343

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

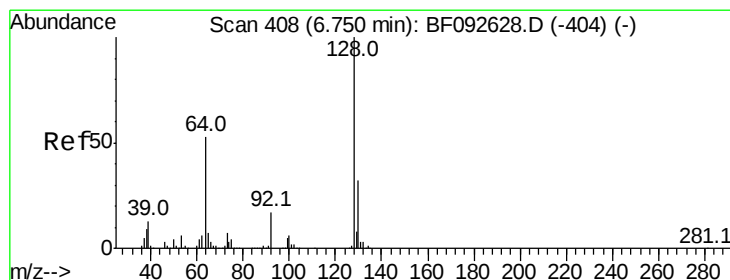
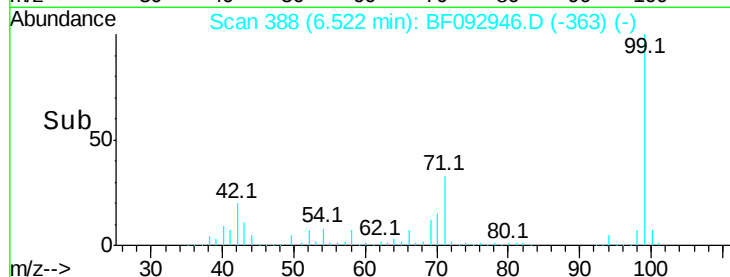
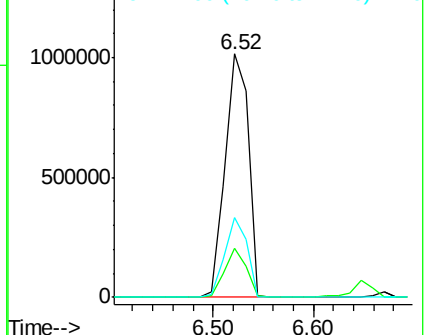
71 32.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.06 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

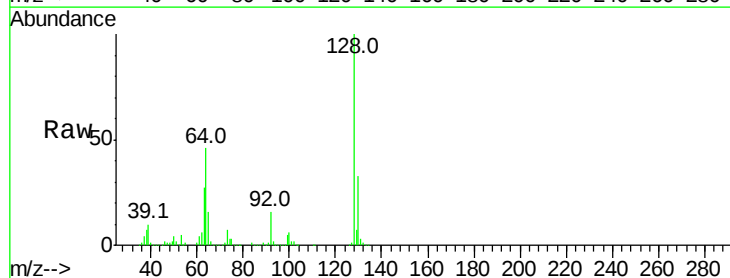
Tgt Ion:128 Resp: 411537

Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

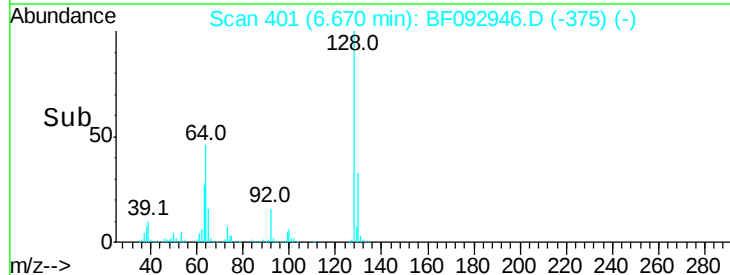
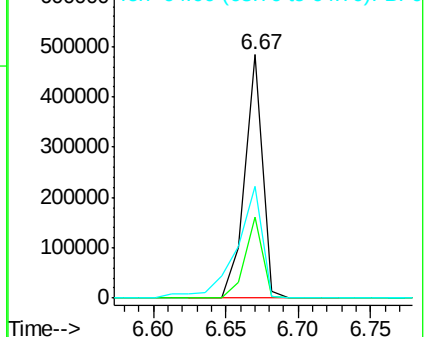
64 46.0 32.2 72.2

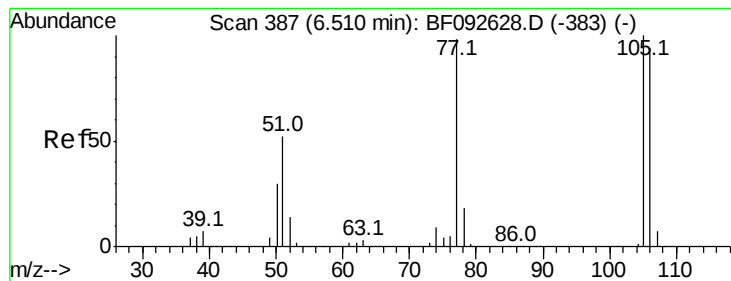


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.86 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

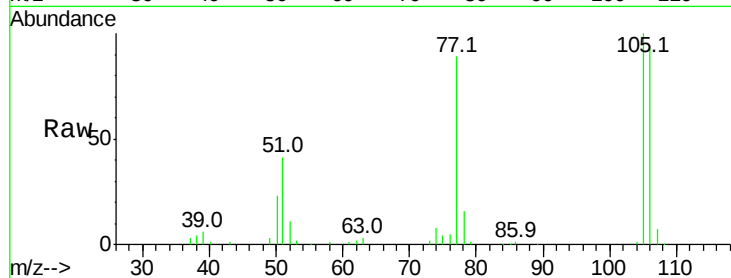
Tot Ion: 77 Resp: 99336

Ion Ratio Lower Upper

77 100

105 112.0 83.9 123.9

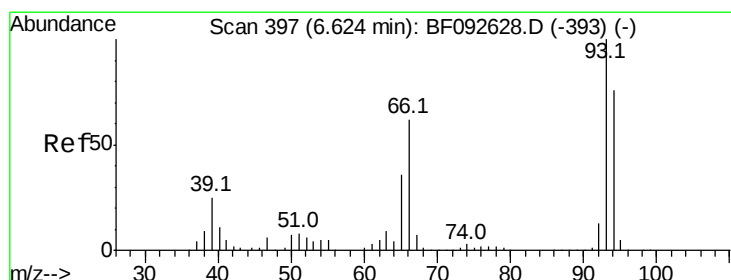
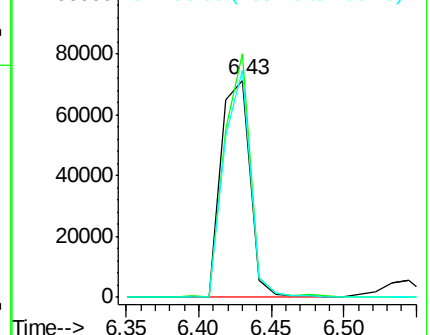
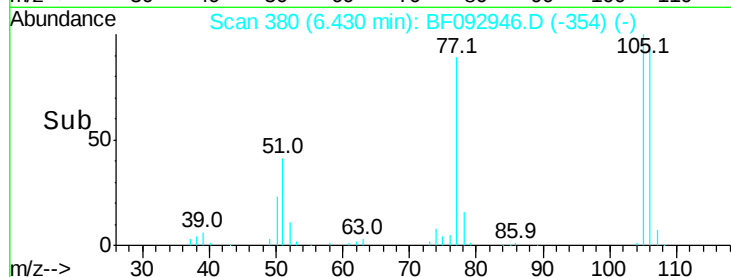
106 104.3 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.23 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

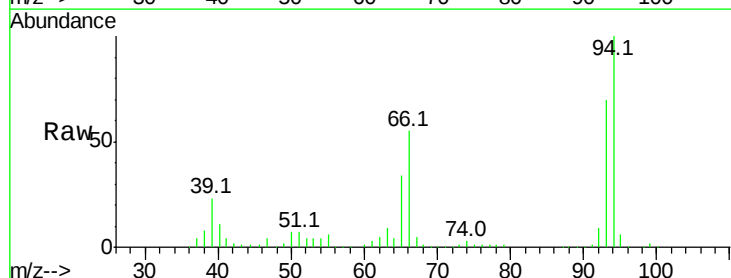
Tgt Ion: 94 Resp: 495442

Ion Ratio Lower Upper

94 100

65 34.3 21.4 61.4

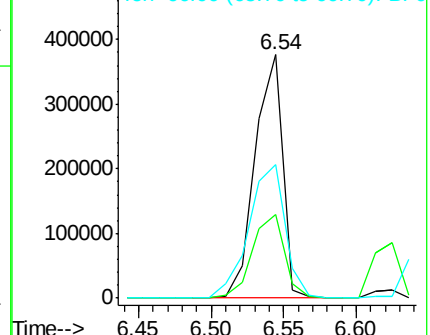
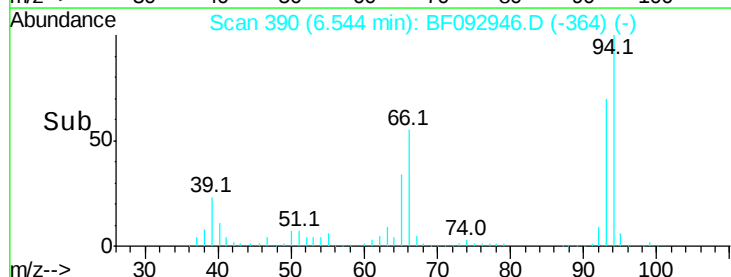
66 54.6 44.0 84.0

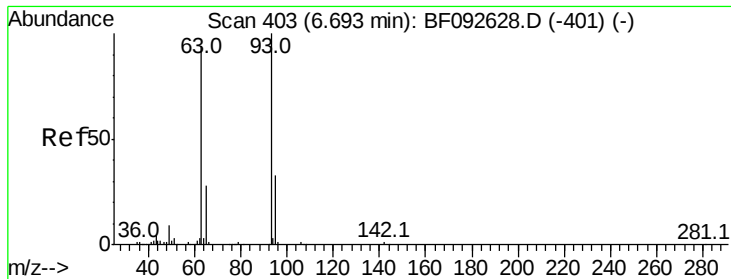


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.12 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

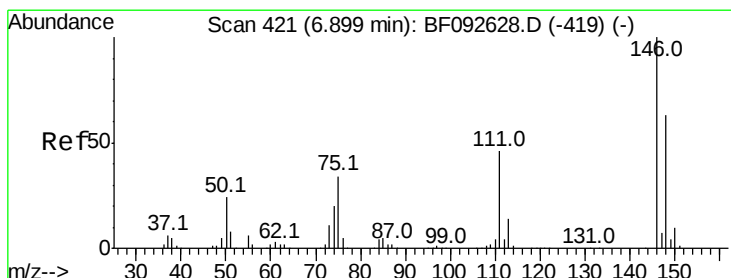
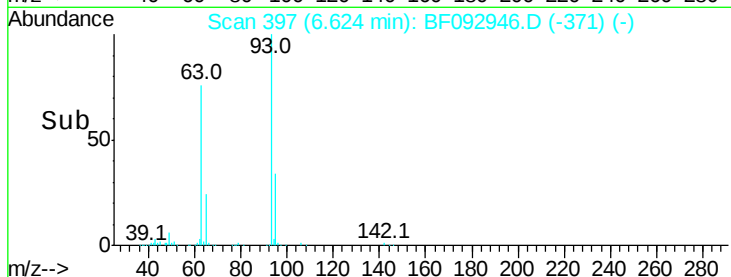
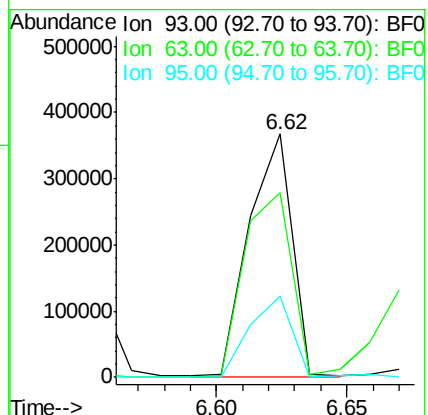
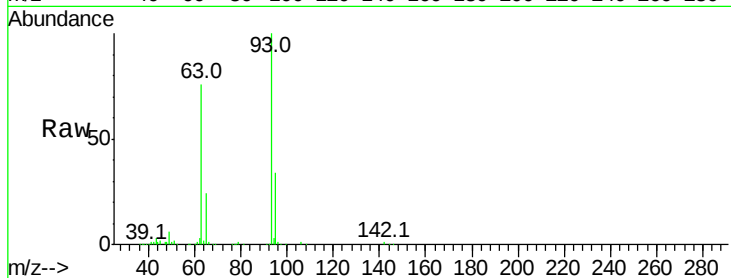
Tot Ion: 93 Resp: 427017

Ion Ratio Lower Upper

93 100

63 75.6 60.4 100.4

95 33.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.23 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.07 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

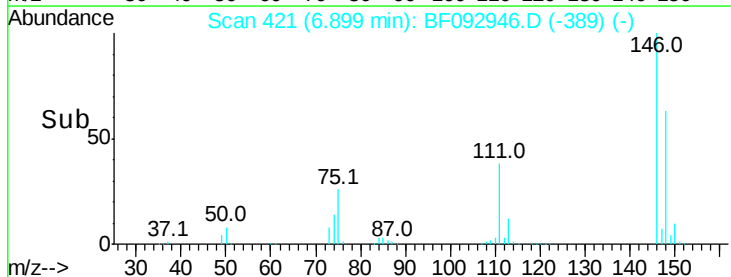
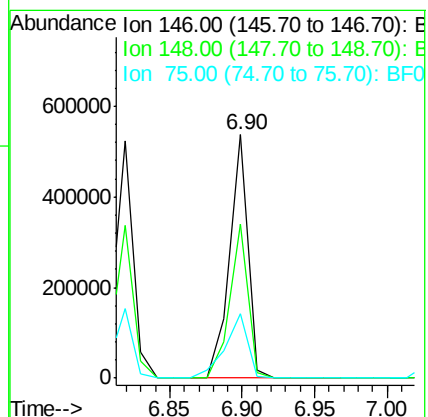
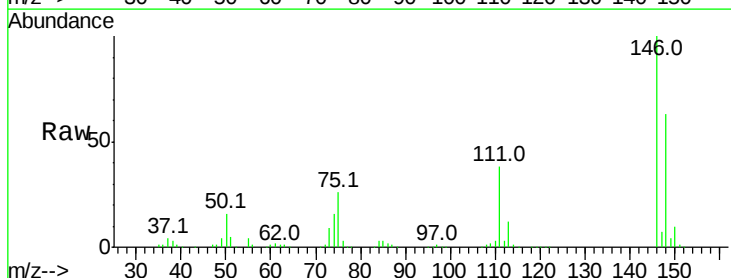
Tgt Ion: 146 Resp: 472174

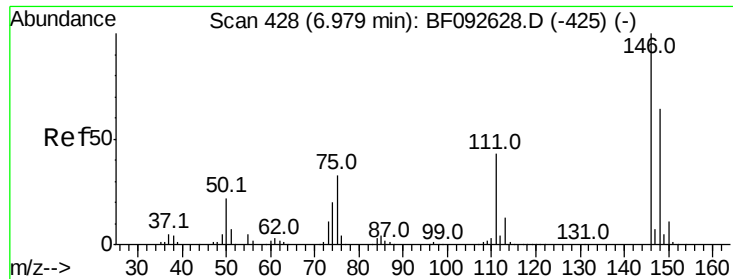
Ion Ratio Lower Upper

146 100

148 63.4 53.4 80.0

75 26.4 18.5 27.7

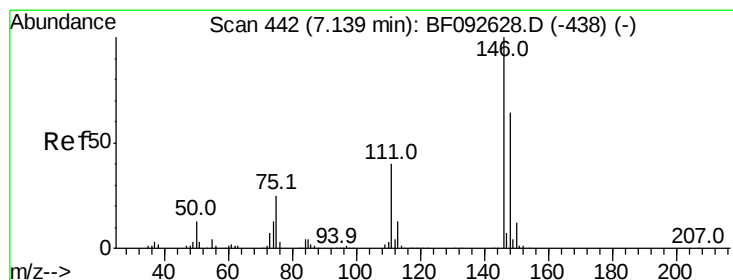
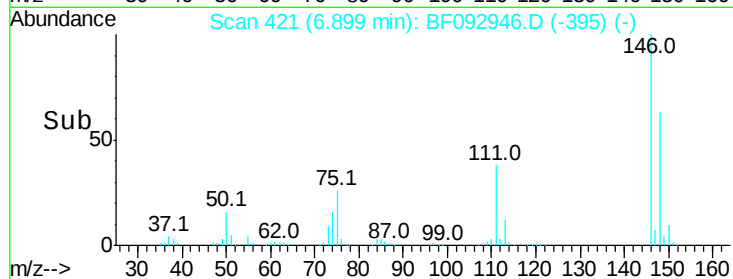
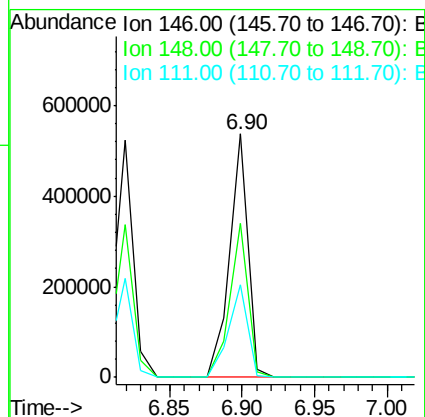
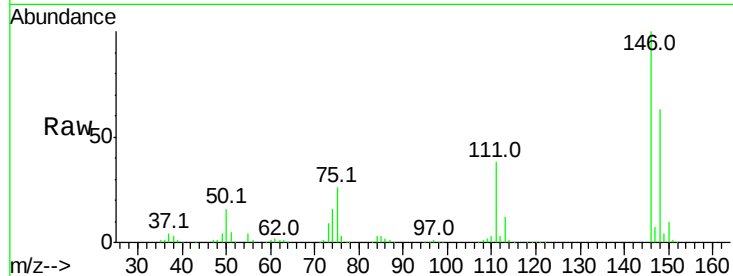




#13
 1,4-Dichlorobenzene
 Concen: 39.74 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

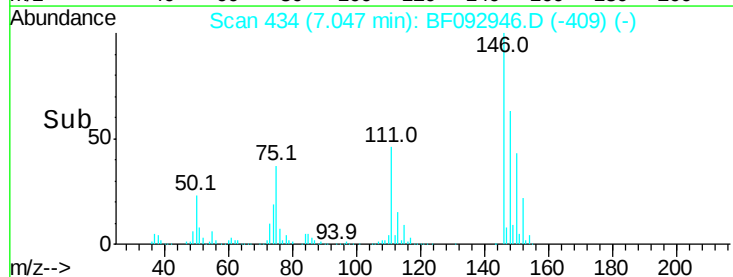
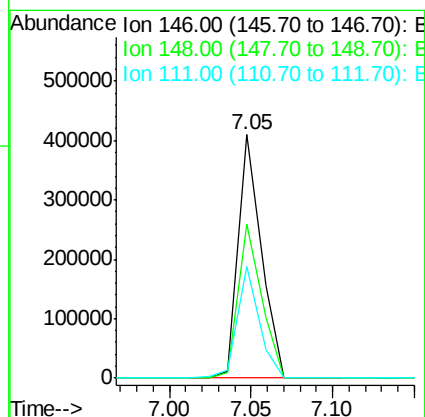
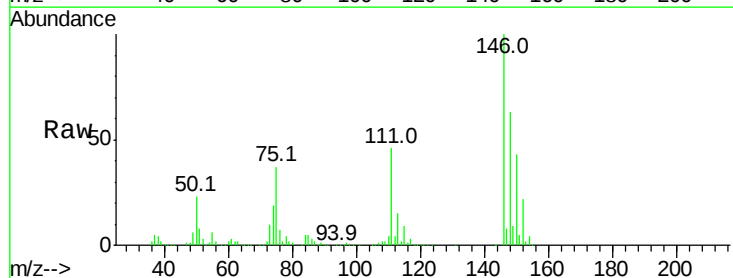
Instrument :
 BNA_F
 ClientSampleId :

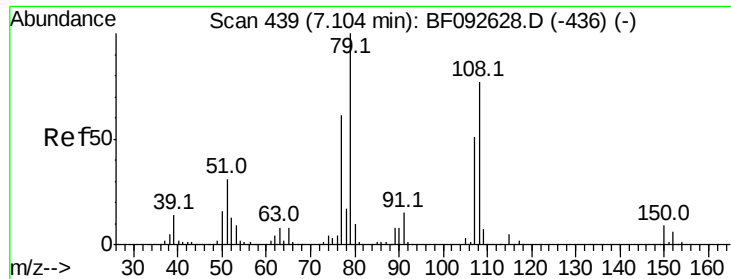
Tot Ion:146 Resp: 472174
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 38.0 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 34.99 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion:146 Resp: 397483
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 45.7 36.2 54.2





#15

Benzyl Alcohol

Concen: 37.46 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

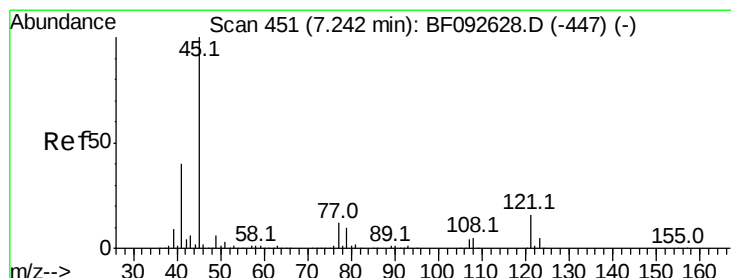
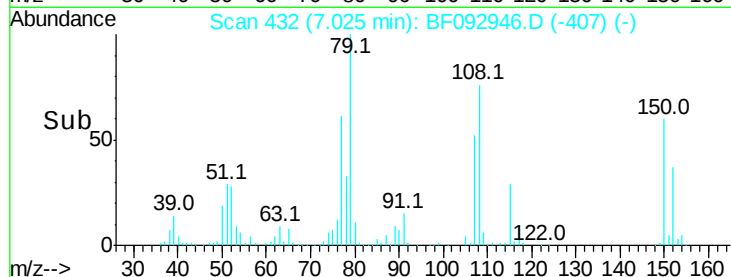
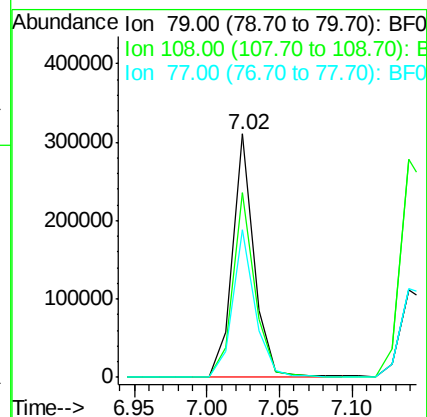
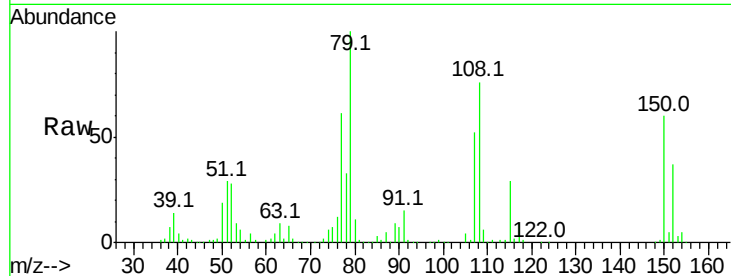
Tot Ion: 79 Resp: 324173

Ion Ratio Lower Upper

79 100

108 75.7 61.4 92.0

77 60.8 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.00 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

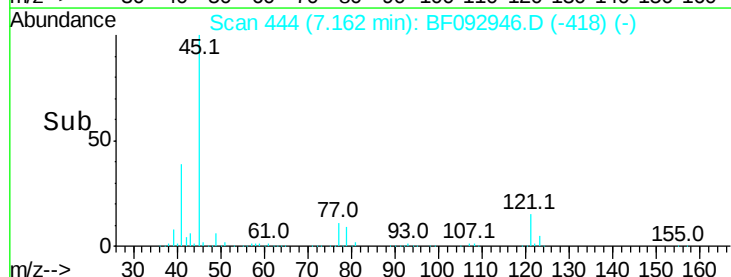
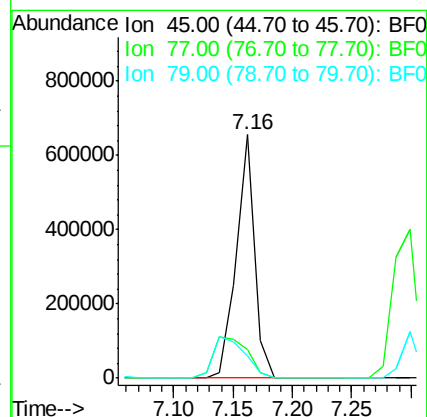
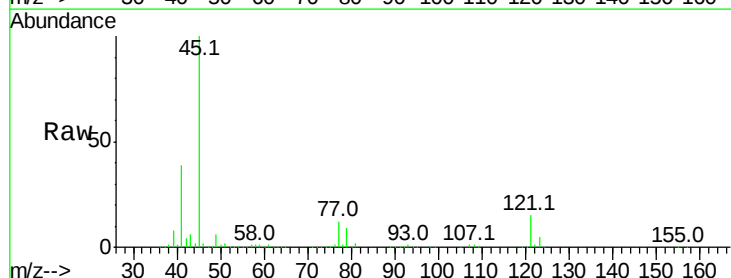
Tgt Ion: 45 Resp: 701736

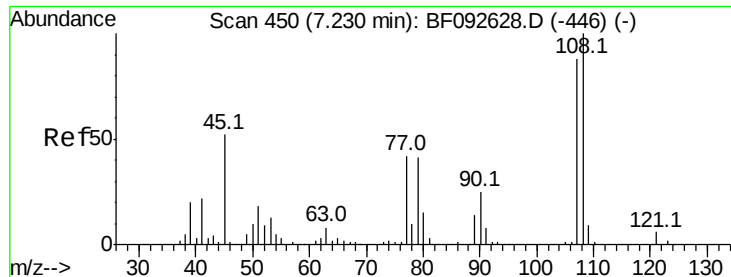
Ion Ratio Lower Upper

45 100

77 11.5 0.0 34.6

79 9.2 0.0 31.2

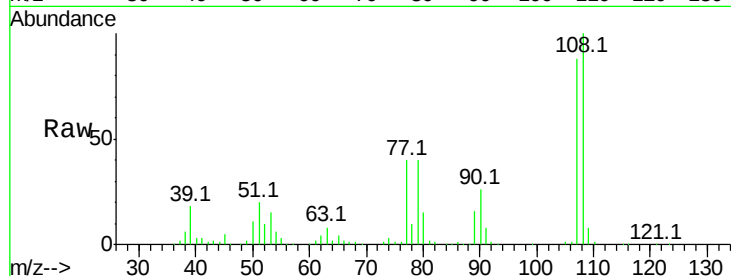




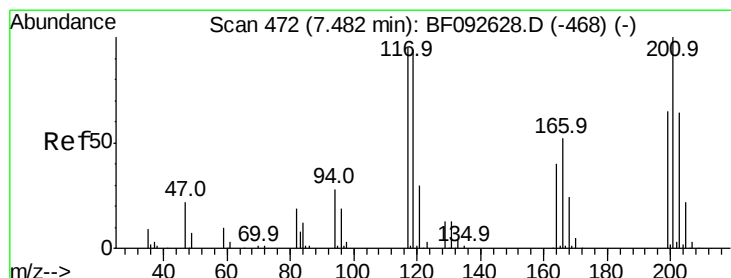
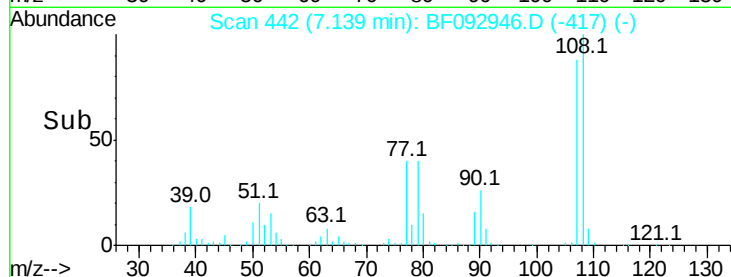
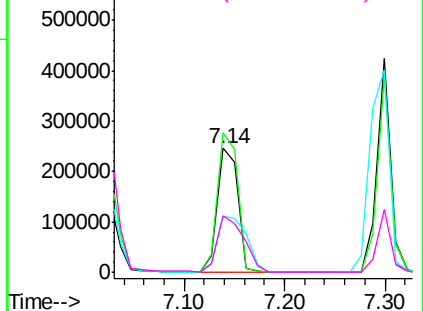
#17
2-Methylphenol
Concen: 40.53 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 348468
Ion Ratio Lower Upper
107 100
108 113.2 93.0 139.6
77 45.8 39.8 59.8
79 45.7 38.0 57.0

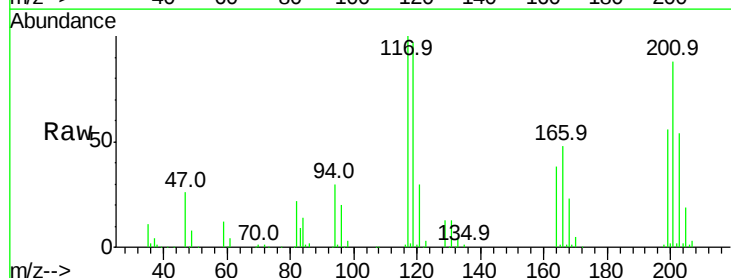


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

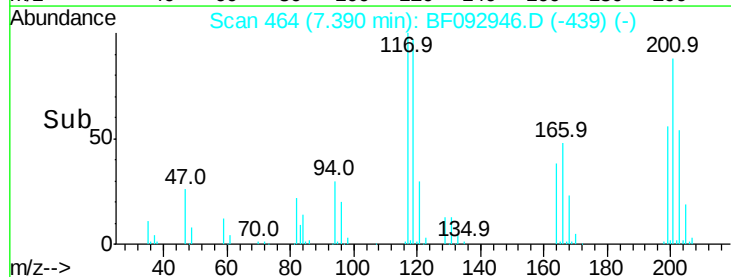
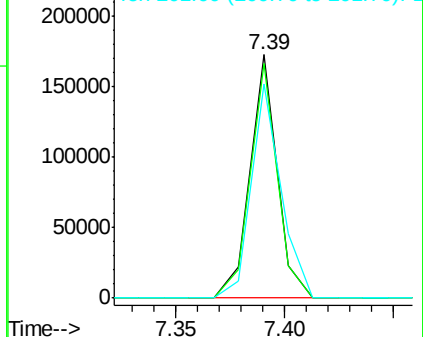


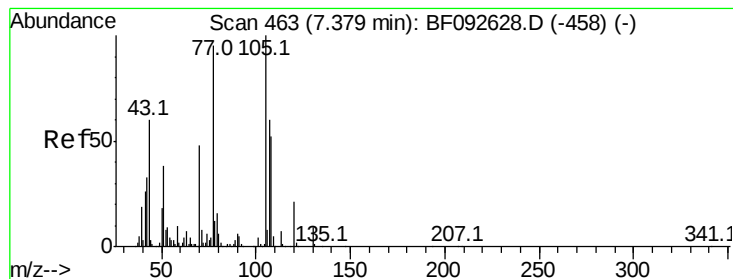
#18
Hexachloroethane
Concen: 36.79 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion:117 Resp: 149218
Ion Ratio Lower Upper
117 100
119 96.6 78.1 117.1
201 88.1 78.6 117.8



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





#19

n-Nitroso-di-n-propylamine

Concen: 37.04 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 275568

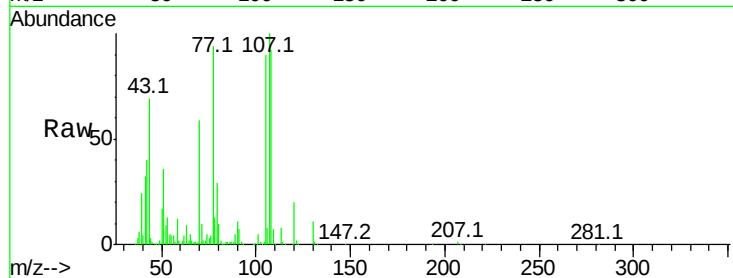
Ion Ratio Lower Upper

70 100

42 66.9 49.4 74.0

101 9.1 7.4 11.2

130 19.4 14.2 21.4



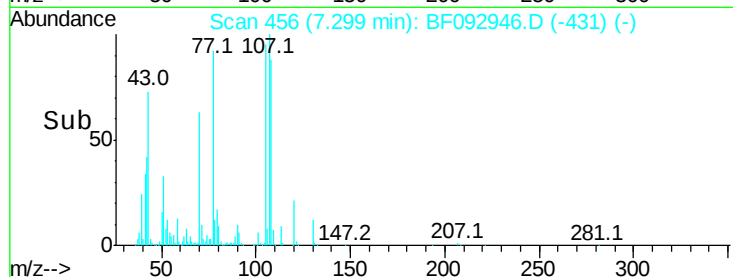
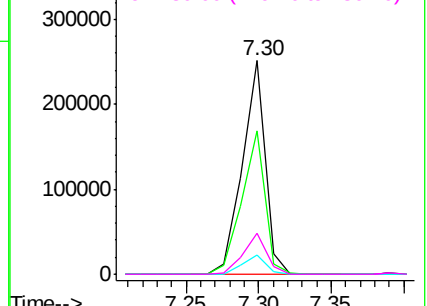
Abundance

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: 39.45 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Tgt Ion:107 Resp: 405514

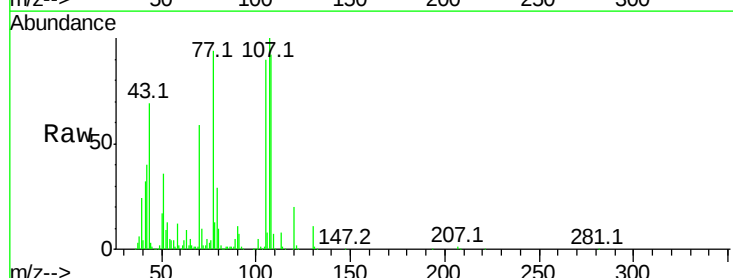
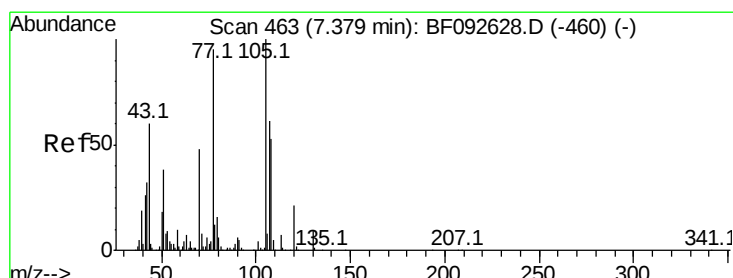
Ion Ratio Lower Upper

107 100

108 91.6 73.0 113.0

77 94.4 71.3 111.3

79 29.2 11.1 51.1



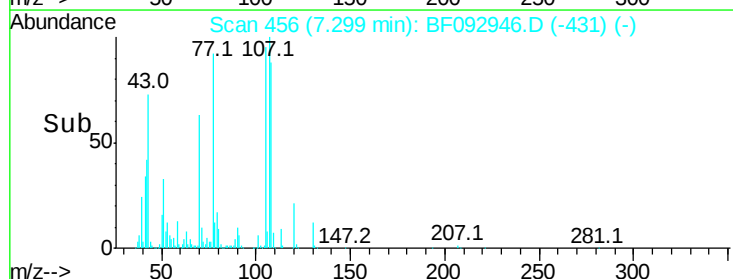
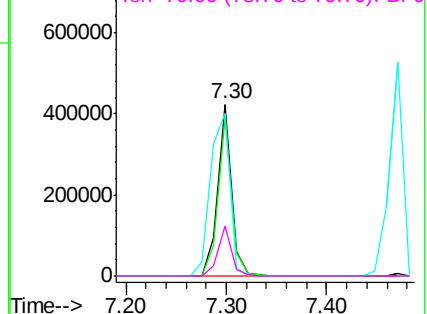
Abundance

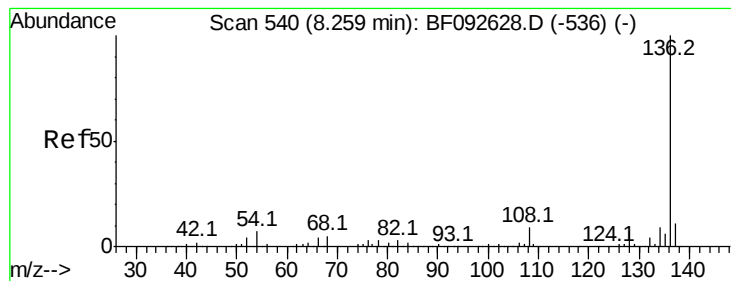
Ion 107.00 (106.70 to 107.70): BF0

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: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 655607

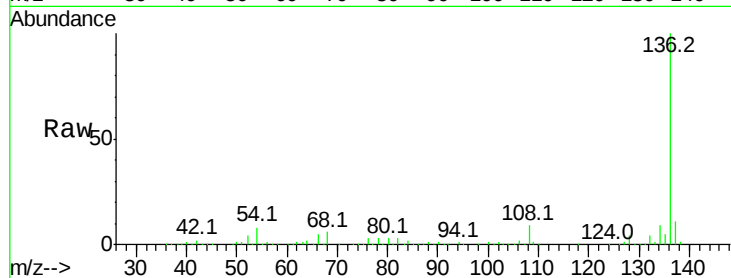
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 8.5 4.5 6.7#

68 5.7 3.6 5.4#

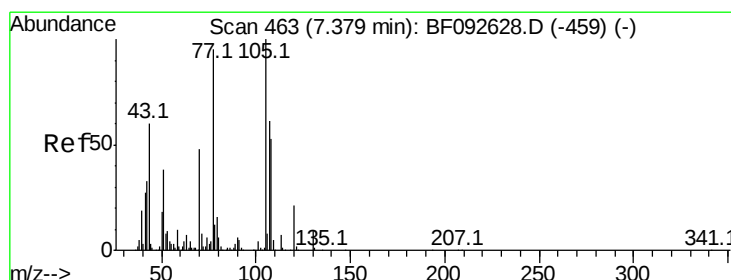
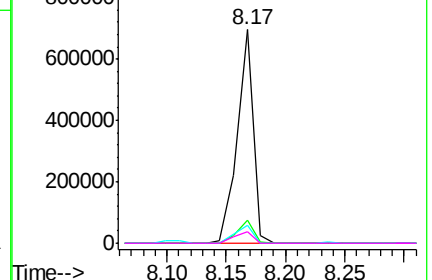
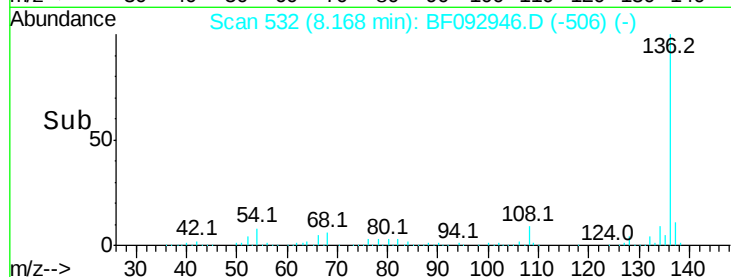


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.15 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Tgt Ion:105 Resp: 541073

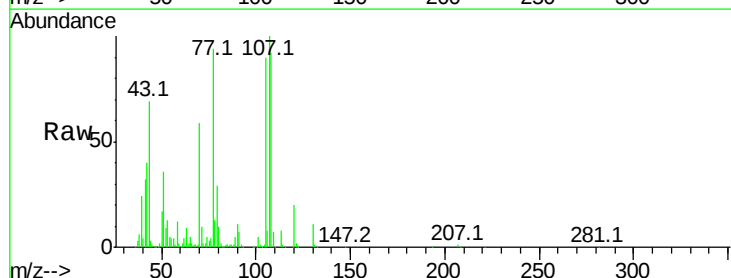
Ion Ratio Lower Upper

105 100

71 10.8 3.2 4.8#

51 39.8 26.2 39.4#

120 22.2 16.6 24.8

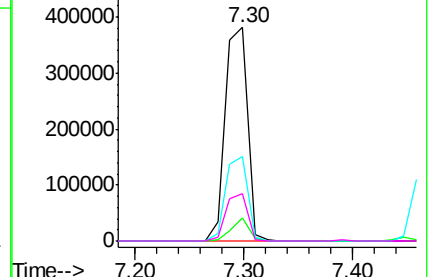
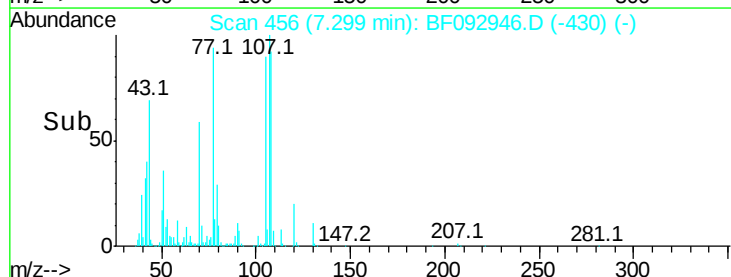


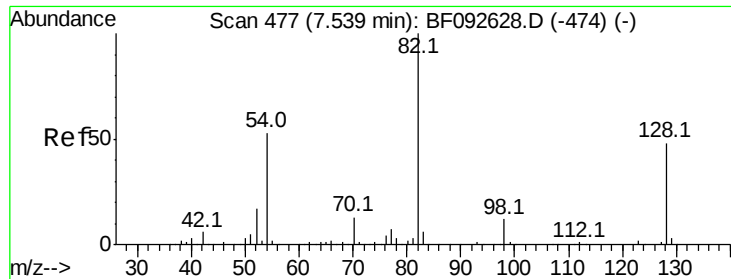
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

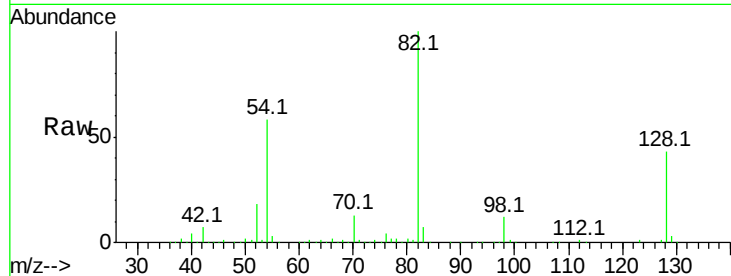




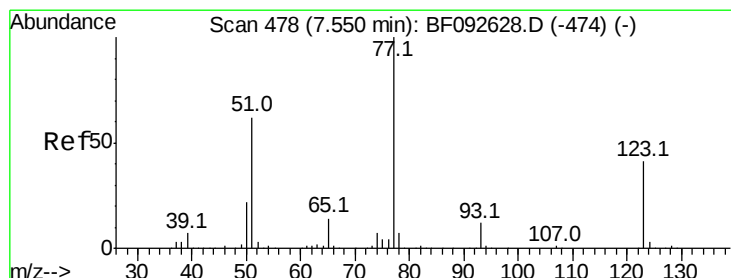
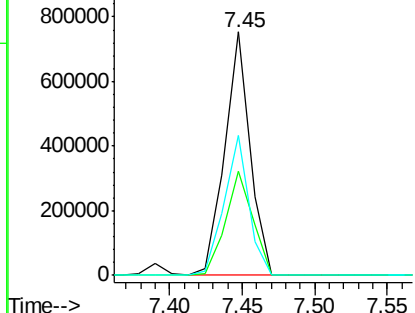
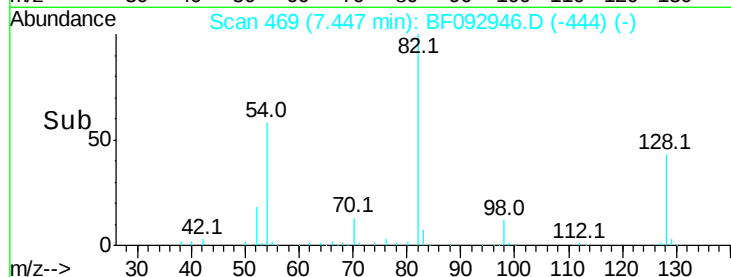
#23
 Nitrobenzene-d5
 Concen: 77.43 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 911590
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 52.0
 54 57.6 39.5 59.3

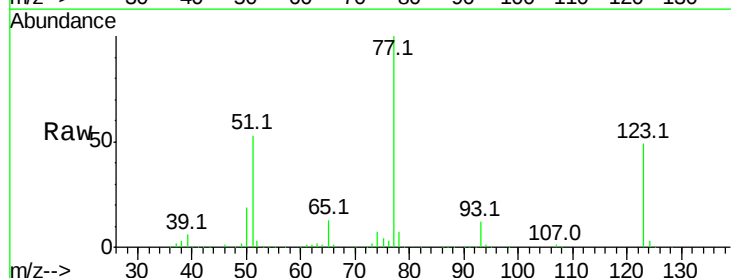


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

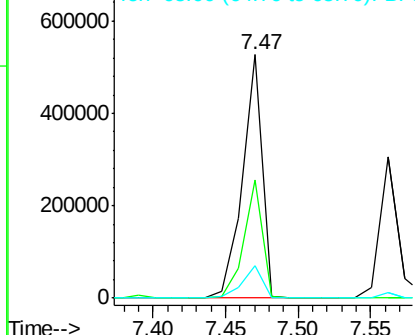
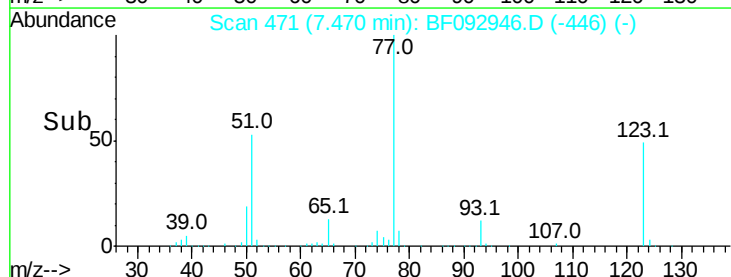


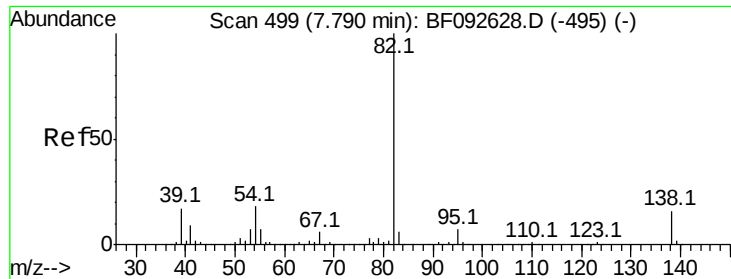
#24
 Nitrobenzene
 Concen: 40.89 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion: 77 Resp: 494329
 Ion Ratio Lower Upper
 77 100
 123 48.7 33.0 49.4
 65 13.1 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.64 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

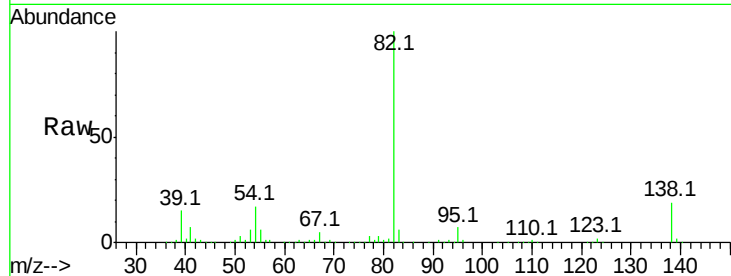
Tot Ion: 82 Resp: 825775

Ion Ratio Lower Upper

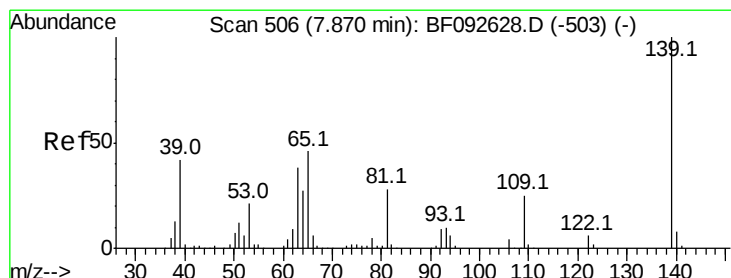
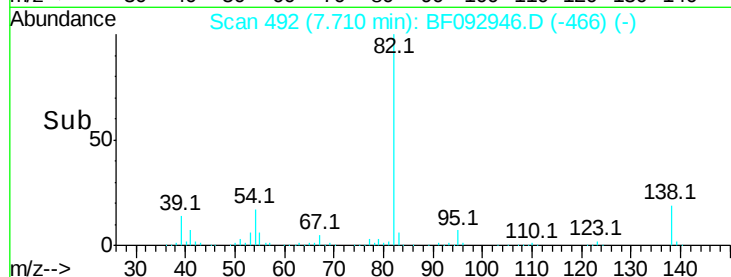
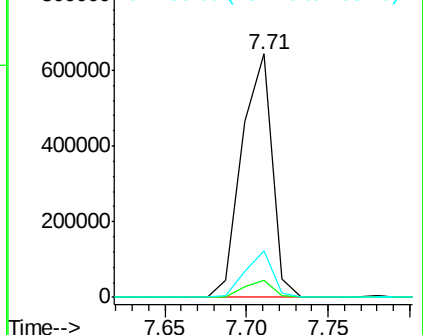
82 100

95 6.8 5.6 8.4

138 19.2 14.6 22.0



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: 37.66 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

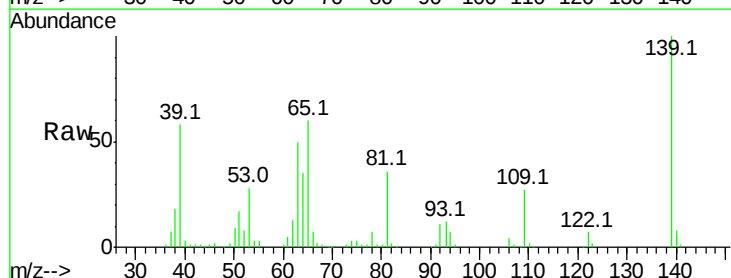
Tgt Ion: 139 Resp: 216436

Ion Ratio Lower Upper

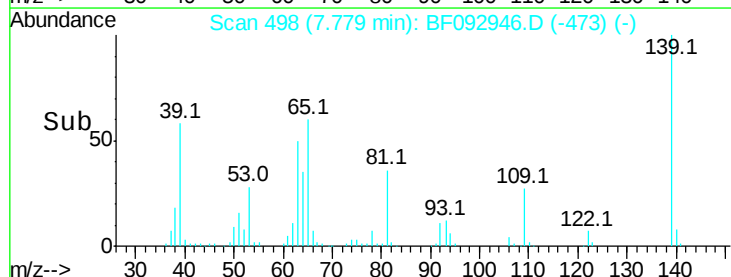
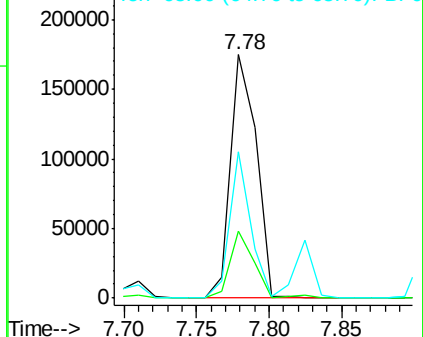
139 100

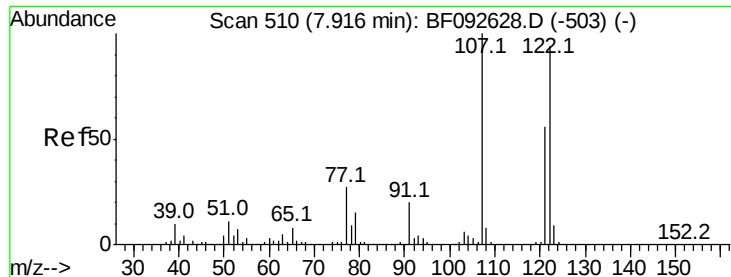
109 27.4 23.3 34.9

65 60.0 42.7 64.1



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

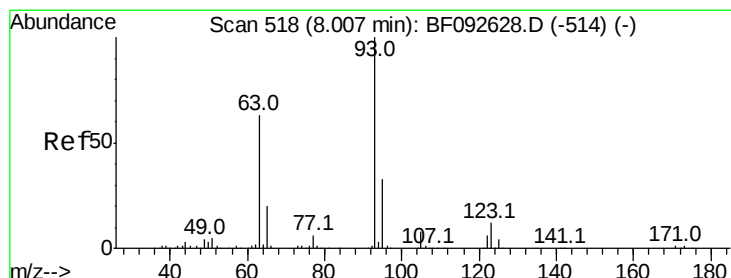
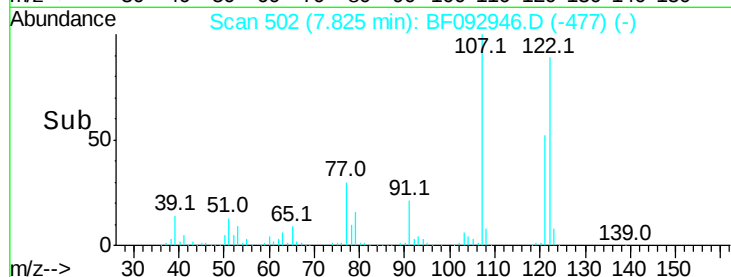
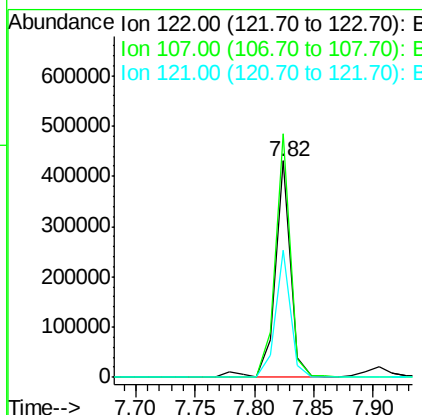
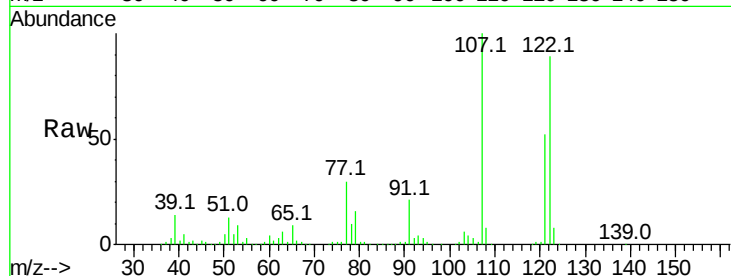




#27
 2,4-Dimethylphenol
 Concen: 38.80 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

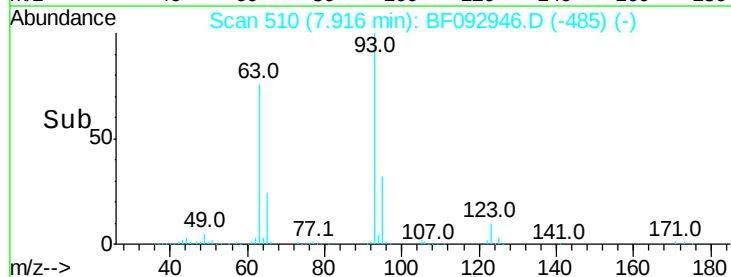
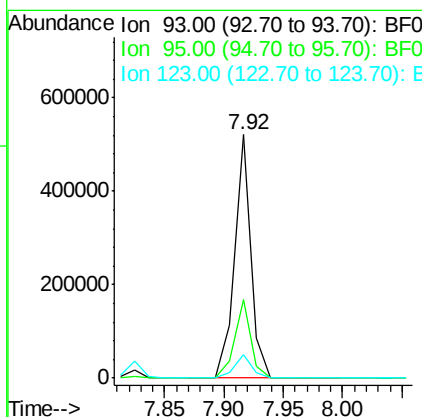
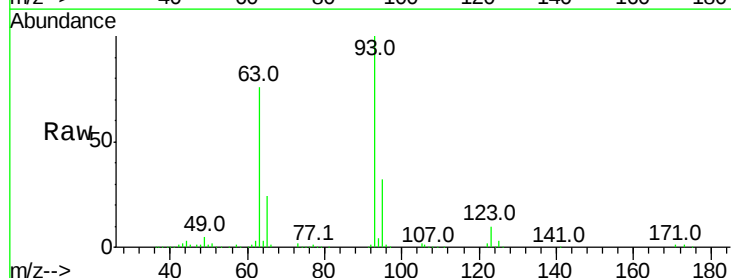
Instrument :
 BNA_F
 ClientSampleId :

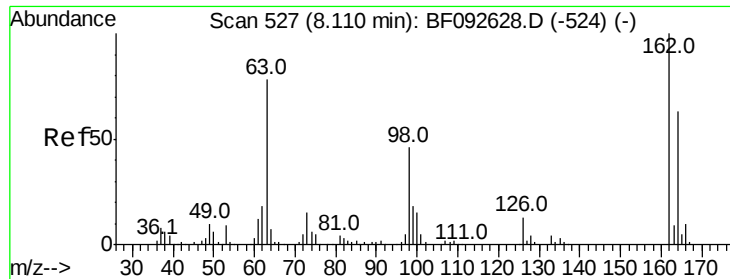
Tot Ion:122 Resp: 391619
 Ion Ratio Lower Upper
 122 100
 107 112.6 94.1 141.1
 121 58.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.17 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion: 93 Resp: 496523
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 9.9 8.6 13.0

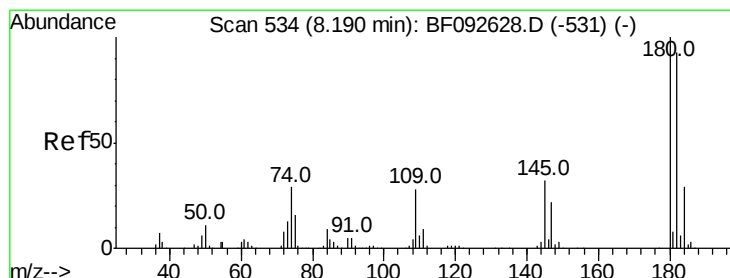
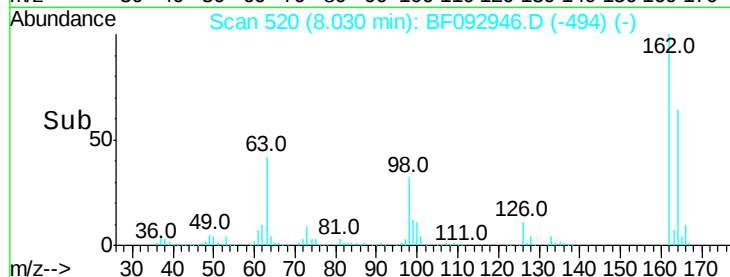
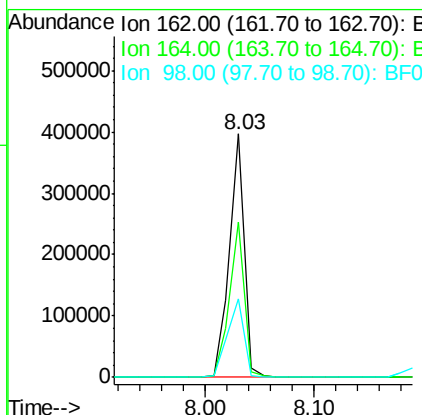
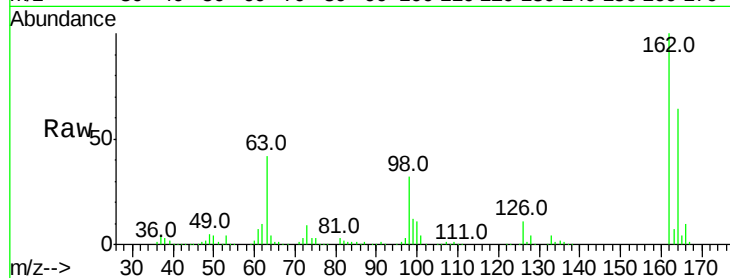




#29
 2,4-Dichlorophenol
 Concen: 39.91 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

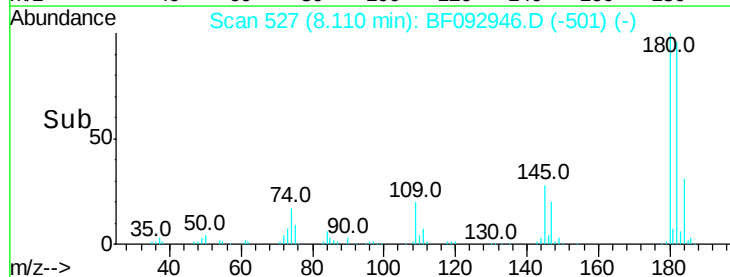
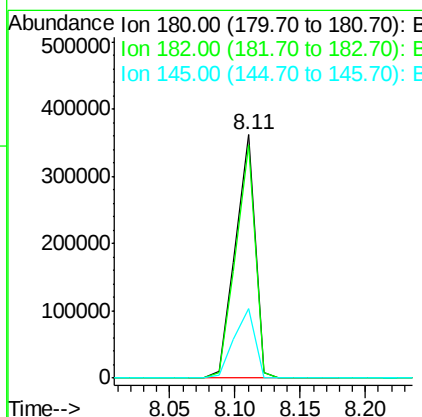
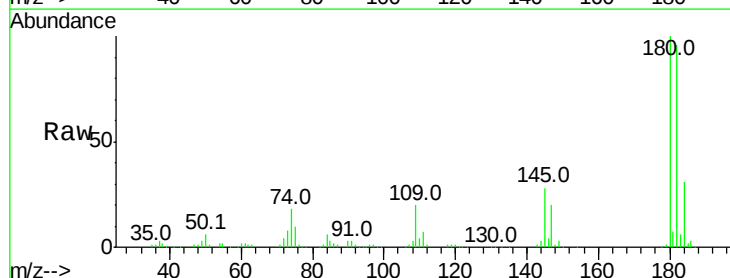
Instrument :
 BNA_F
 ClientSampled :

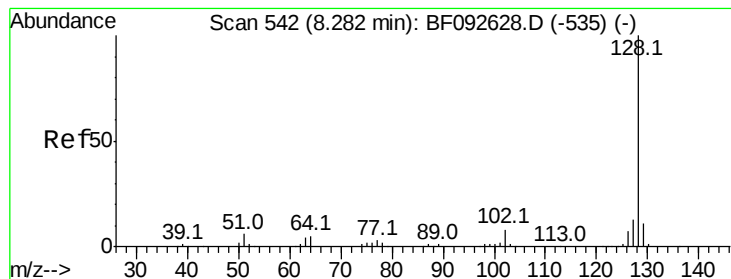
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	46.8	86.8
98	32.1	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.33 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.2	117.4
145	28.4	21.6	32.4





#31

Naphthalene

Concen: 36.38 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

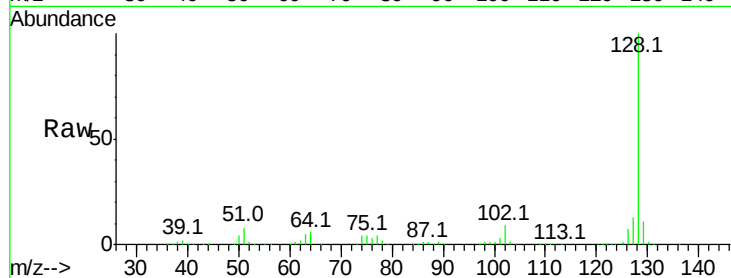
Tot Ion:128 Resp: 1209217

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

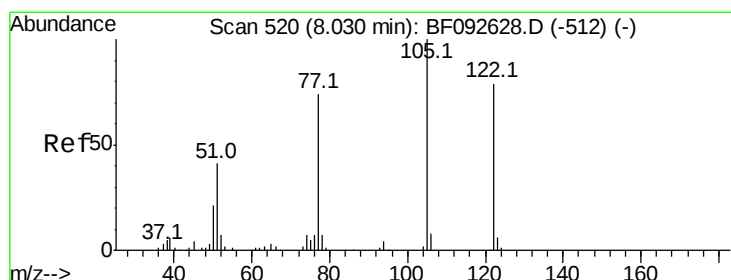
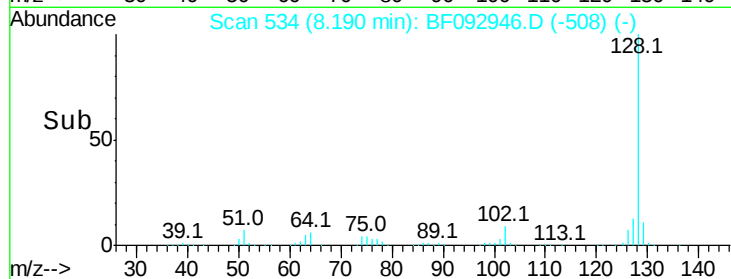
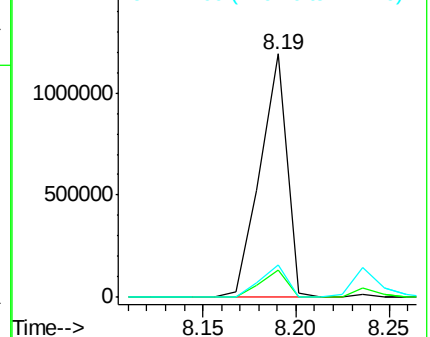
127 13.5 10.8 16.2



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: 12.63 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.07 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

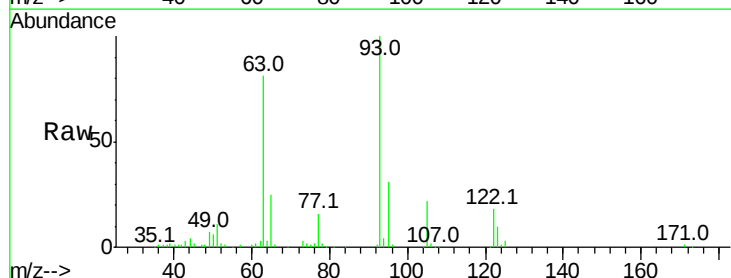
Tgt Ion:122 Resp: 36745

Ion Ratio Lower Upper

122 100

105 123.4 107.2 147.2

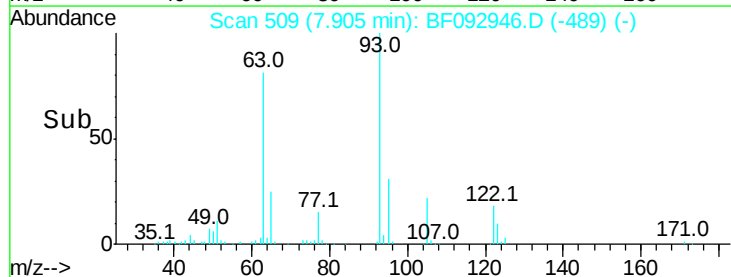
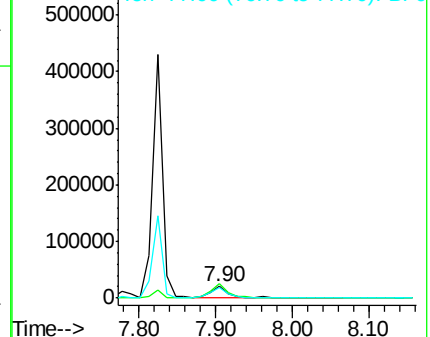
77 88.2 74.5 114.5

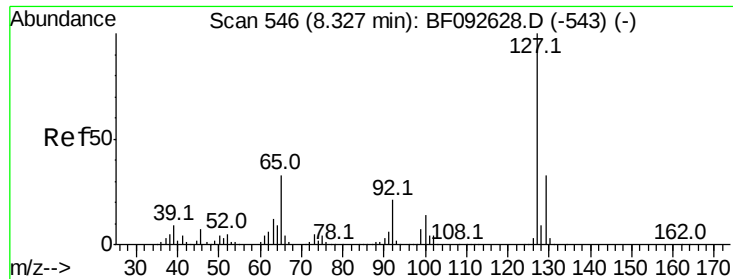


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

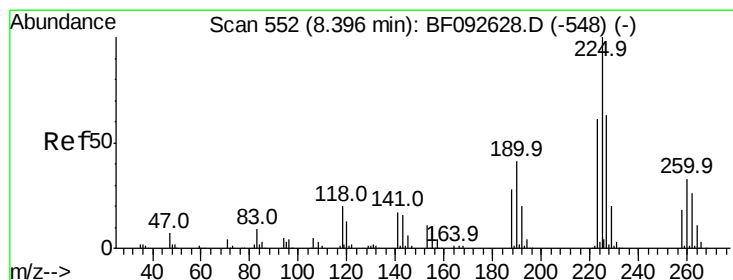
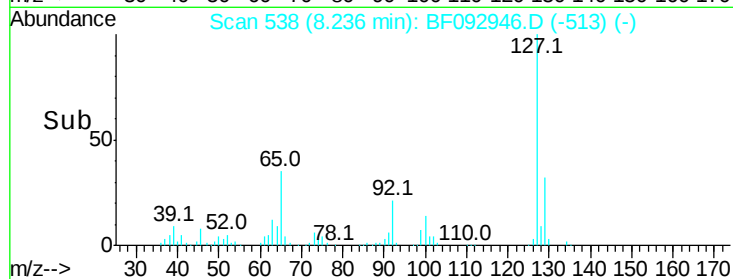
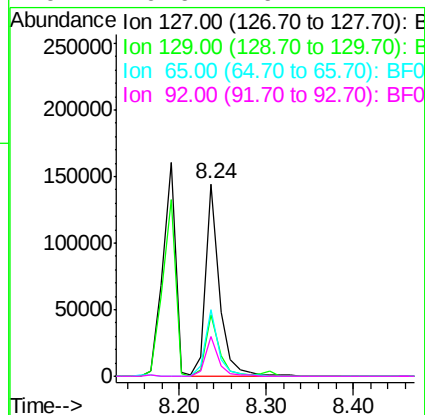
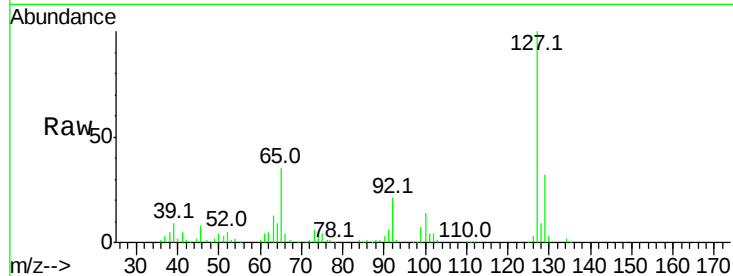




#33
4-Chloroaniline
Concen: 12.23 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

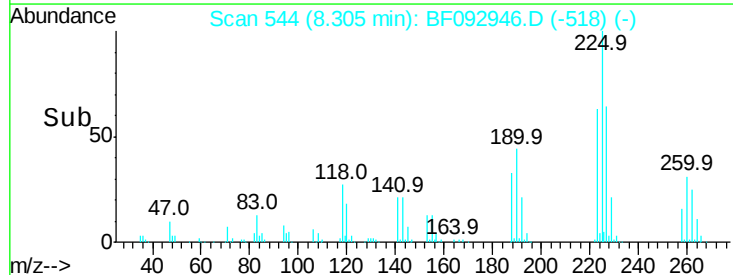
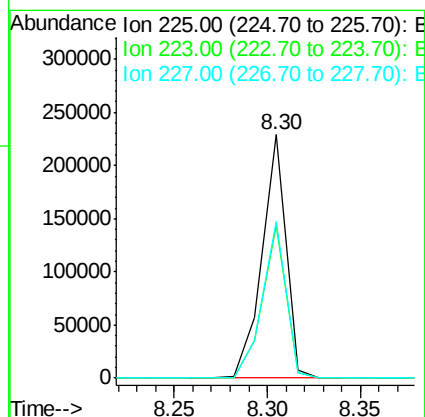
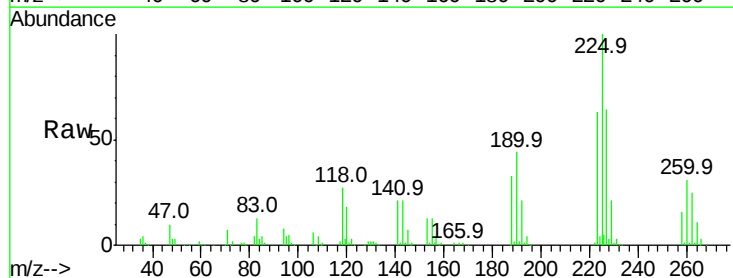
Instrument :
BNA_F
ClientSampled :

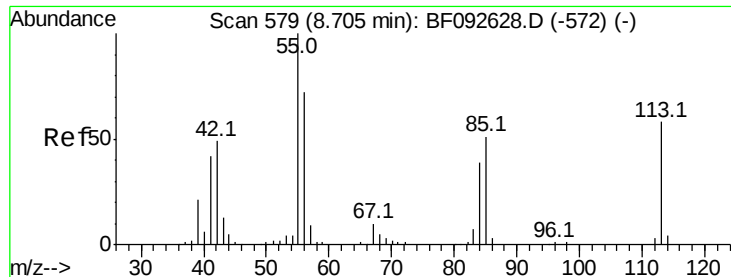
Tot Ion:	127	Resp:	159360
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	34.7	25.8	38.8
92	20.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 36.20 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion:	225	Resp:	202036
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	64.1	50.6	76.0

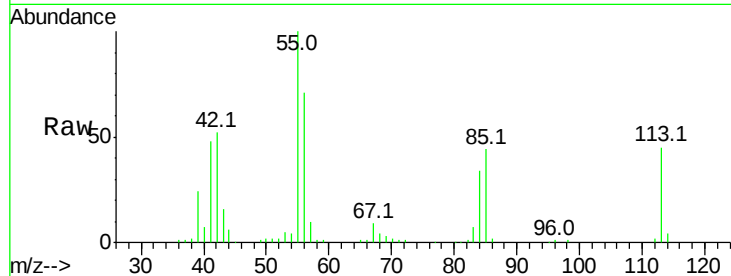




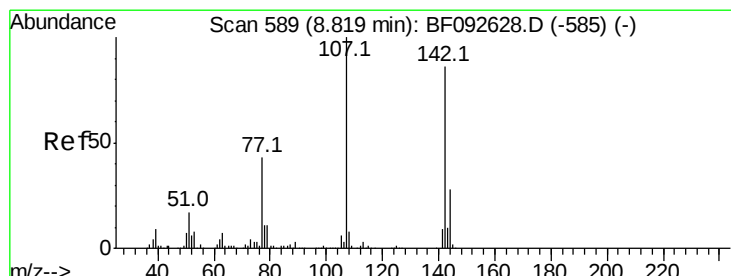
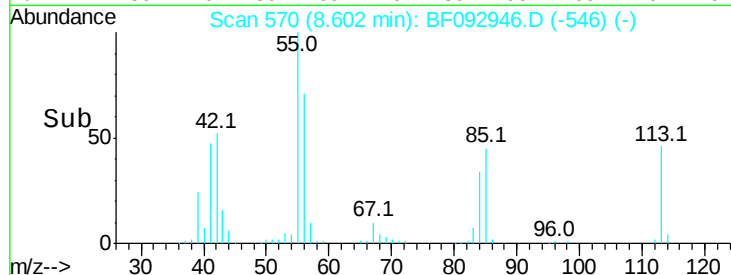
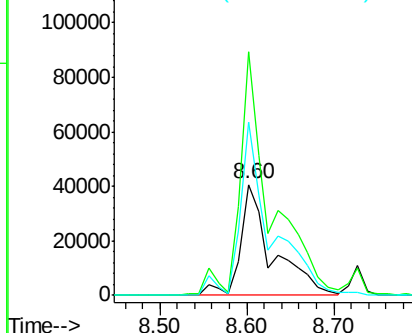
#35
 Caprolactam
 Concen: 35.17 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 104134
 Ion Ratio Lower Upper
 113 100
 55 220.4 119.2 159.2#
 56 156.6 83.8 123.8#

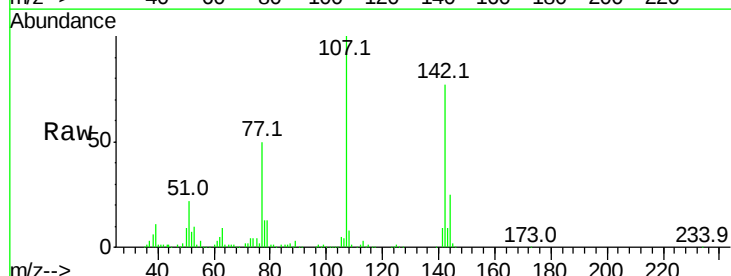


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

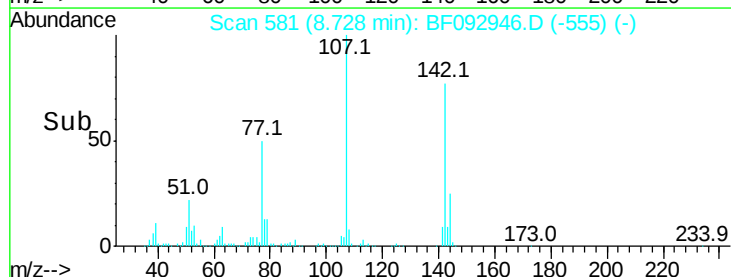
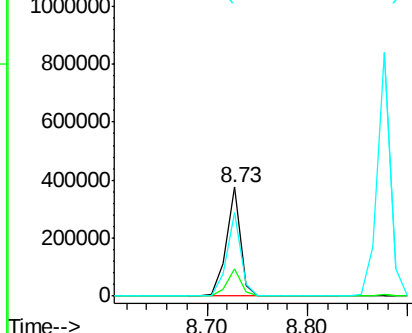


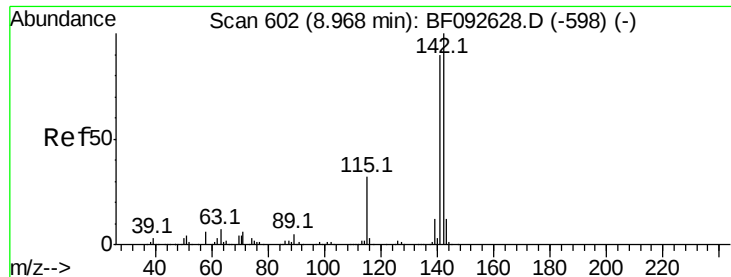
#36
 4-Chloro-3-methylphenol
 Concen: 37.43 ng
 RT: 8.73 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion:107 Resp: 367262
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.3 28.9
 142 77.4 59.0 88.6



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

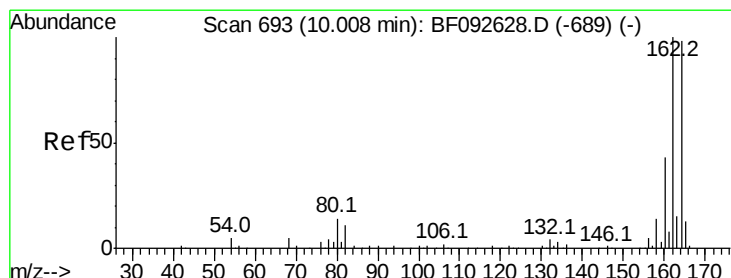
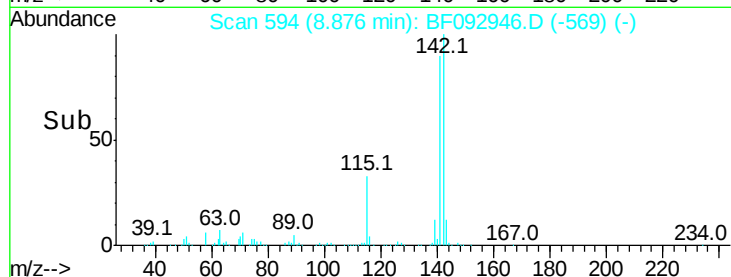
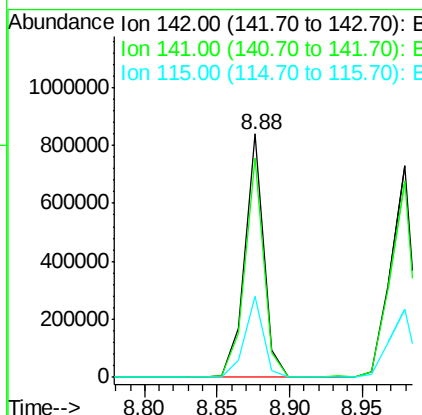
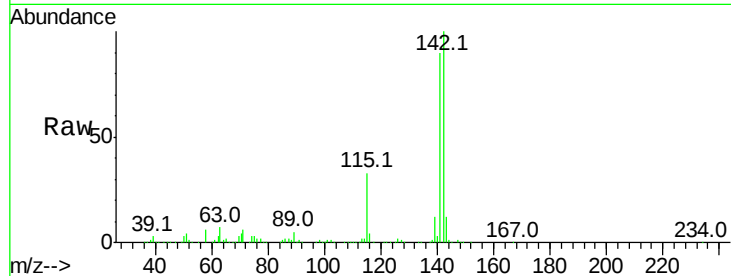




#37
2-Methylnaphthalene
Concen: 35.65 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

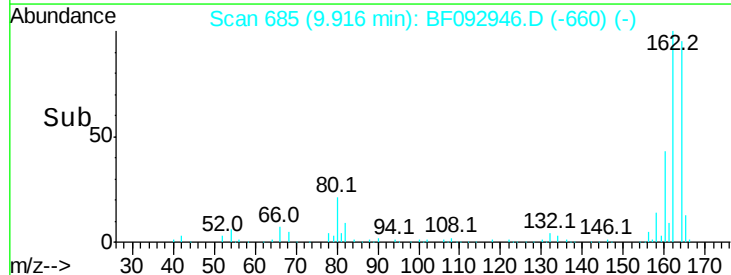
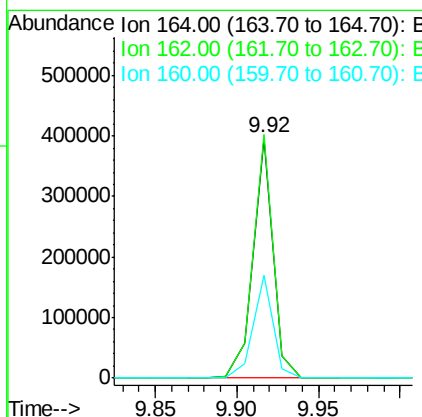
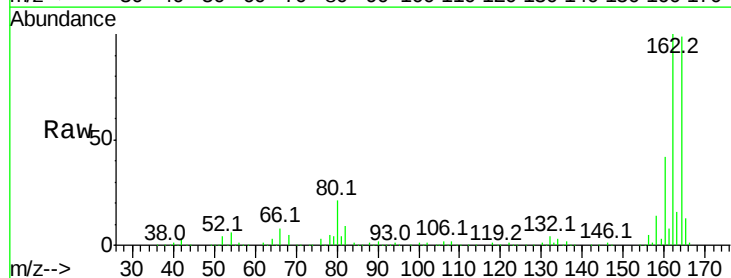
Instrument :
BNA_F
ClientSampled :

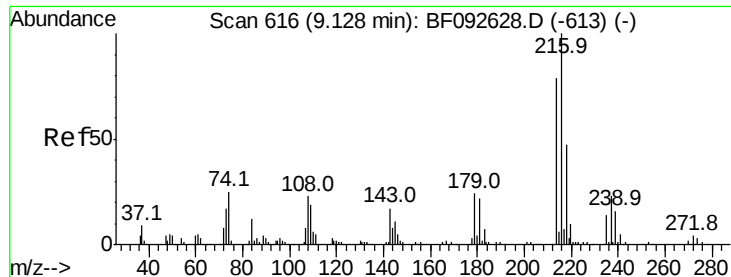
Tot Ion:142 Resp: 760670
Ion Ratio Lower Upper
142 100
141 90.2 71.0 106.6
115 33.4 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion:164 Resp: 337670
Ion Ratio Lower Upper
164 100
162 101.5 80.2 120.2
160 43.0 36.9 55.3

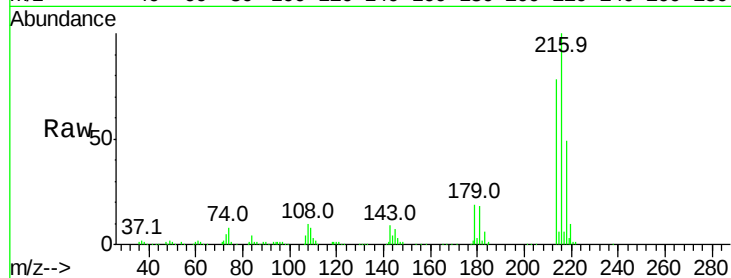




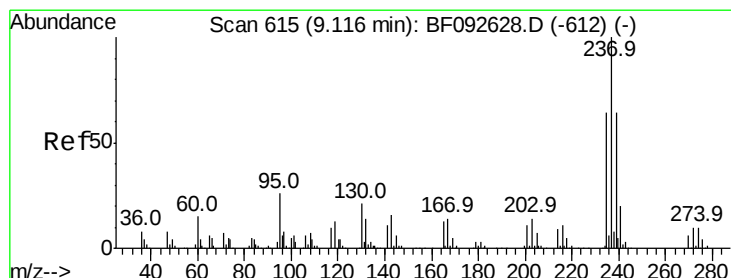
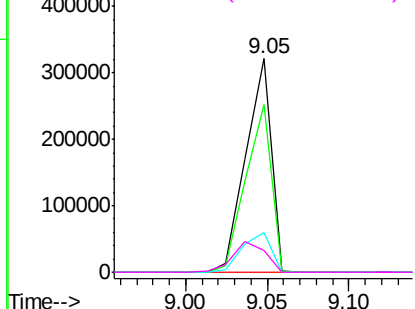
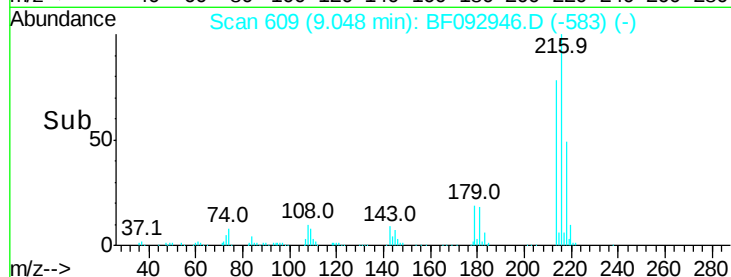
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.62 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	347114
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.0
179	21.1	17.4	26.2
108	18.2	15.6	23.4

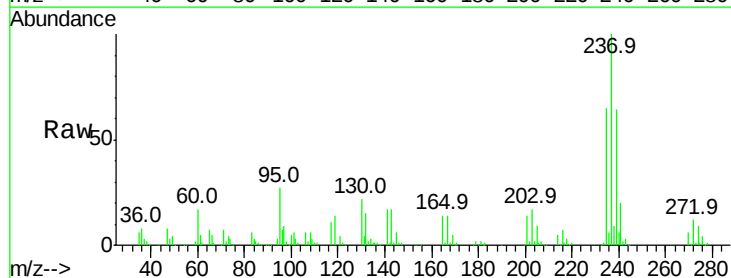


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

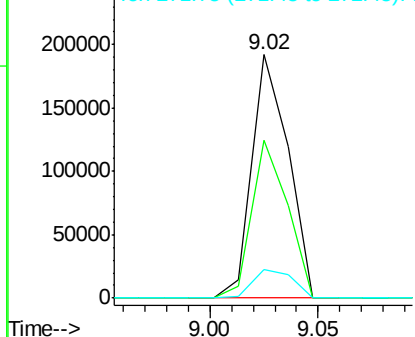
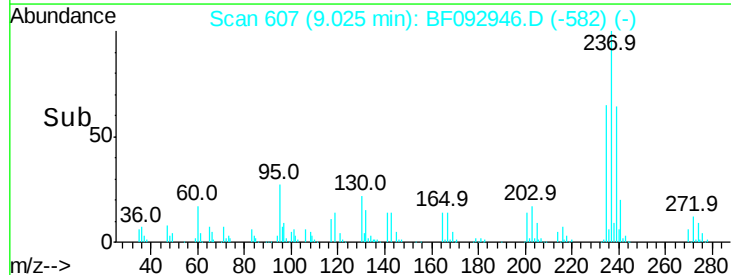


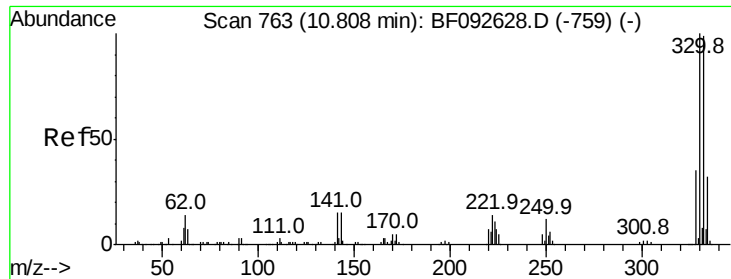
#40
 Hexachlorocyclopentadiene
 Concen: 52.43 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion:	237	Resp:	224206
Ion	Ratio	Lower	Upper
237	100		
235	64.6	41.2	81.2
272	11.7	0.0	35.4



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

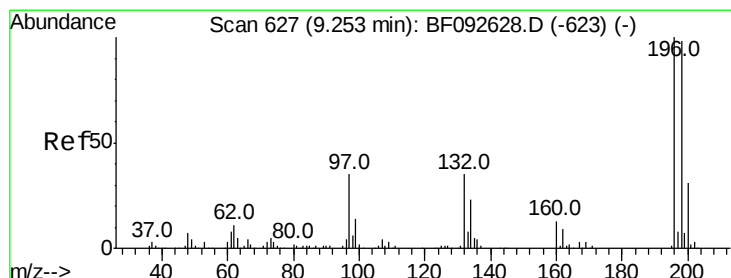
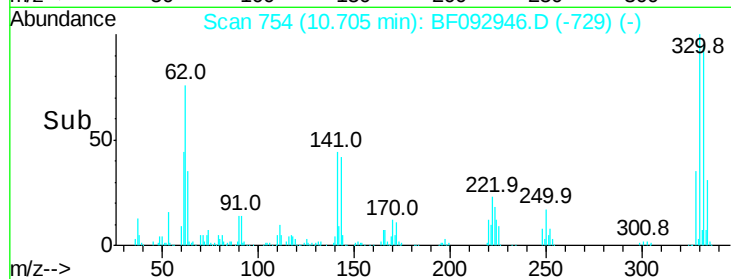
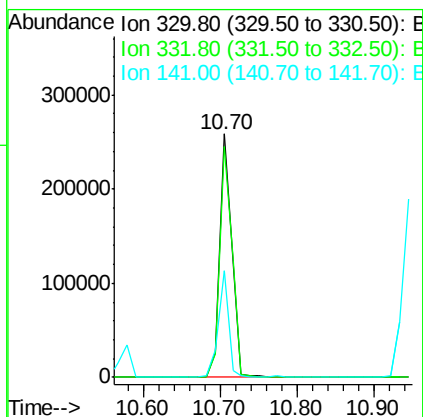
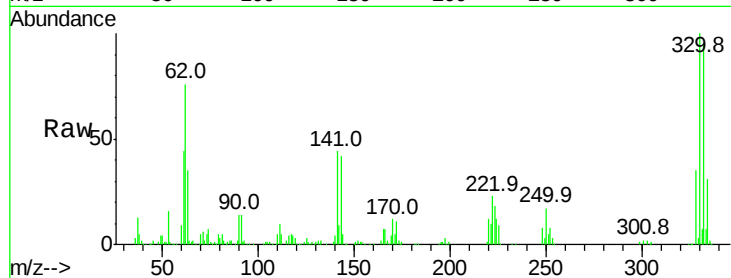




#41
 2,4,6-Tribromophenol
 Concen: 117.02 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

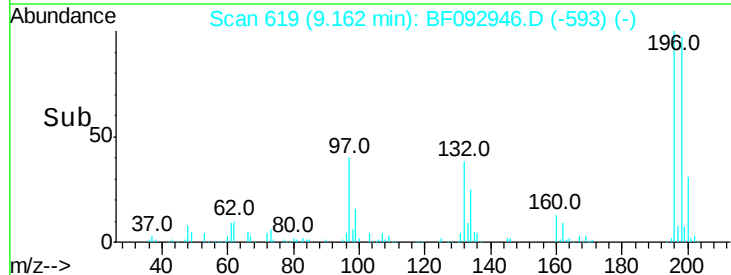
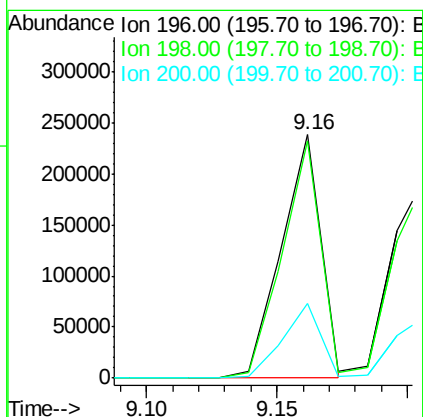
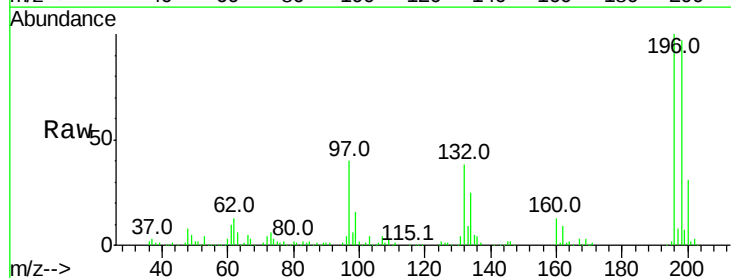
Instrument :
 BNA_F
 ClientSampleId :

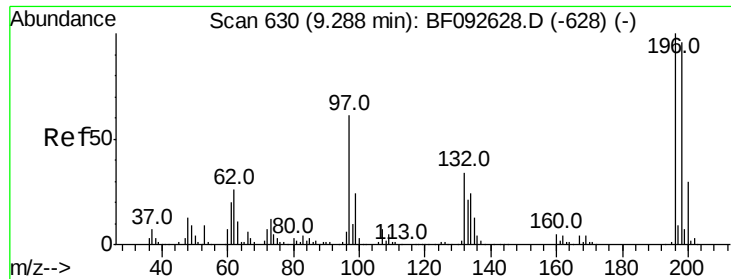
Tot Ion:330 Resp: 285788
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 37.0 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 40.26 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion:196 Resp: 250752
 Ion Ratio Lower Upper
 196 100
 198 97.4 82.1 123.1
 200 30.6 27.0 40.4

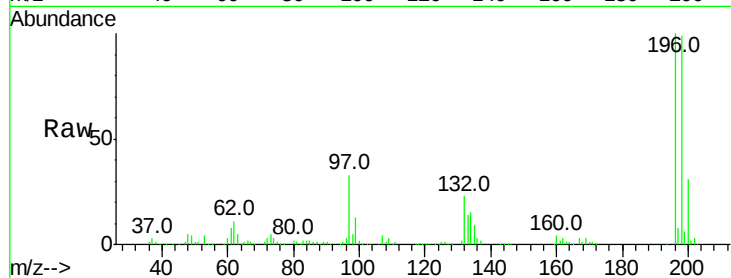




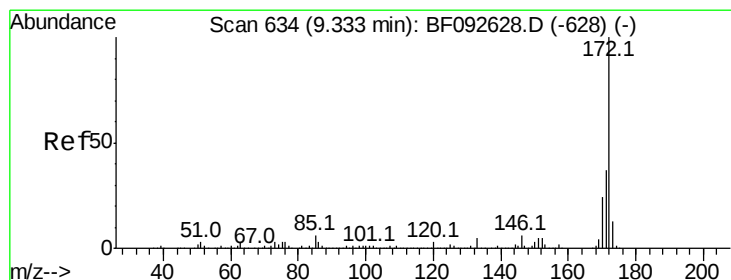
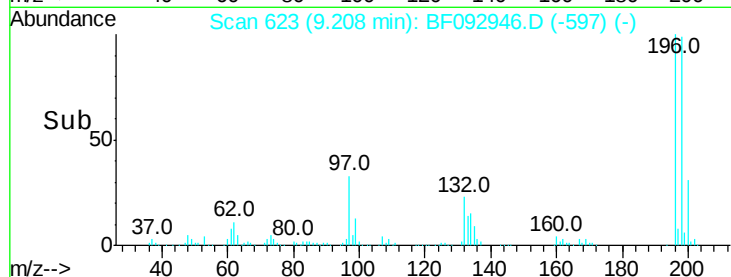
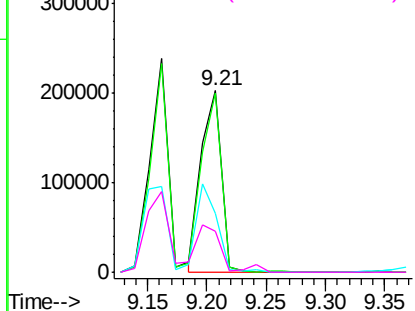
#43
 2,4,5-Trichlorophenol
 Concen: 36.04 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 245940
 Ion Ratio Lower Upper
 196 100
 198 98.7 79.4 119.2
 97 32.5 51.5 77.3#
 132 22.8 27.4 41.2#

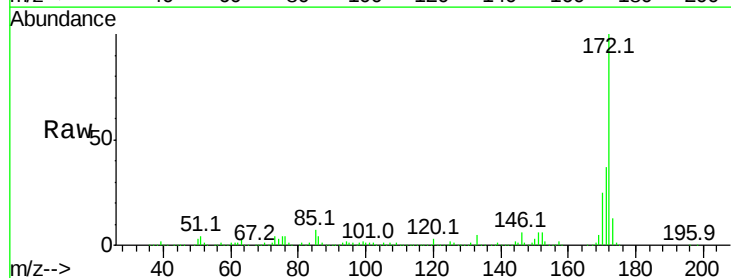


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

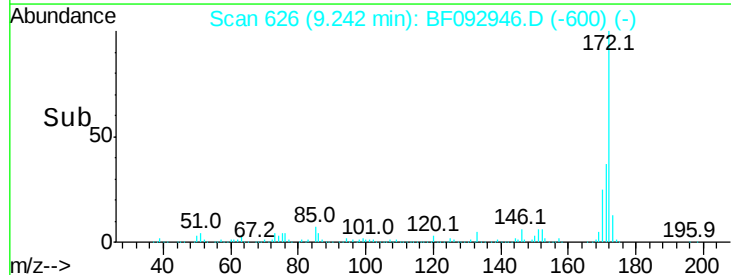
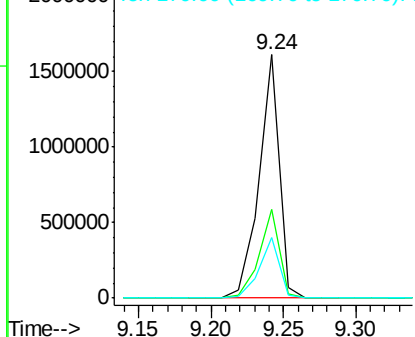


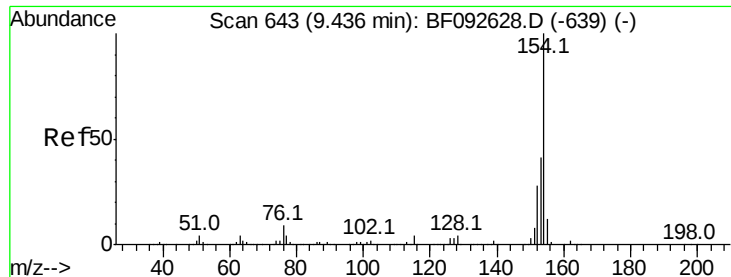
#44
 2-Fluorobiphenyl
 Concen: 83.41 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion:172 Resp: 1554561
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.7 20.2 30.4



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

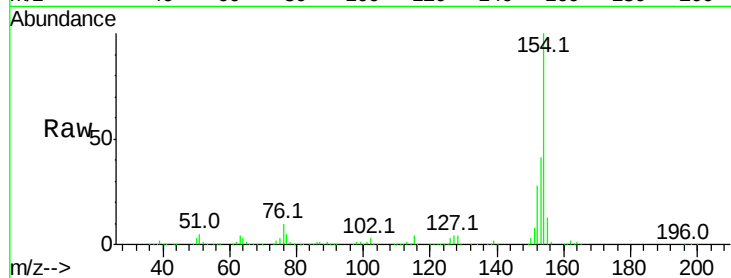




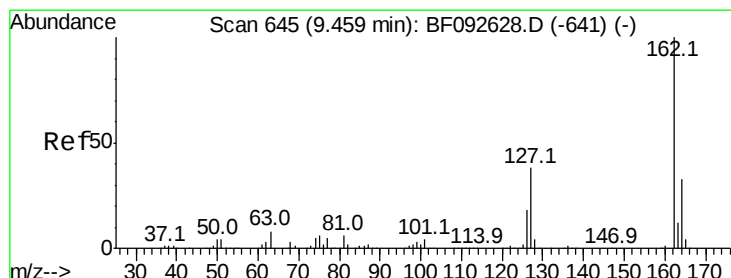
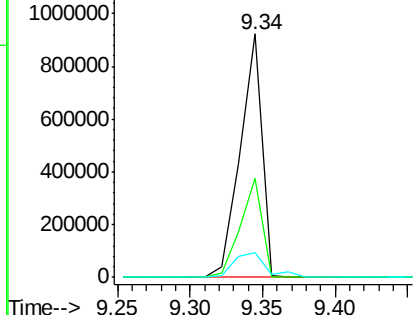
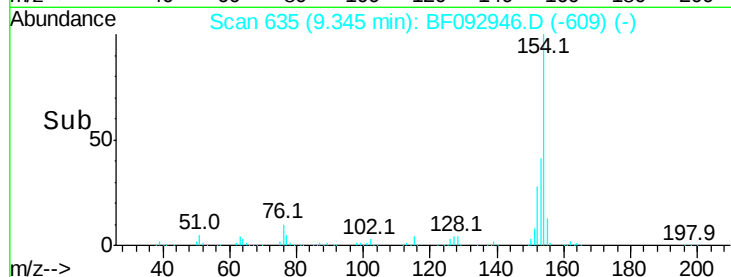
#45
 1,1'-Biphenyl
 Concen: 39.23 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 959228
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.9 60.9
 76 10.1 0.0 30.5

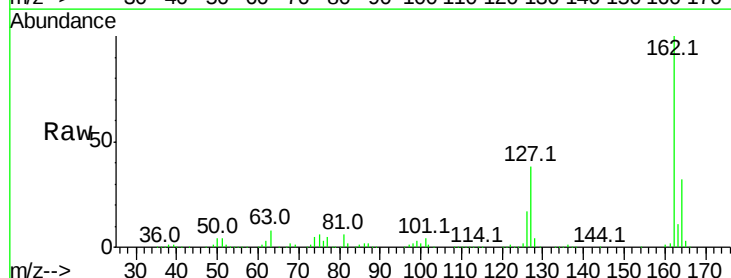


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

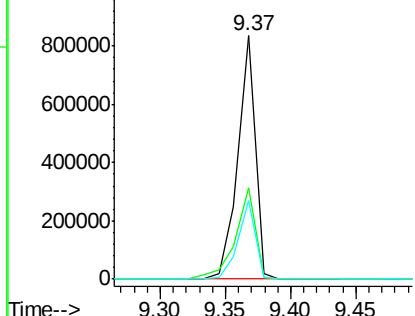
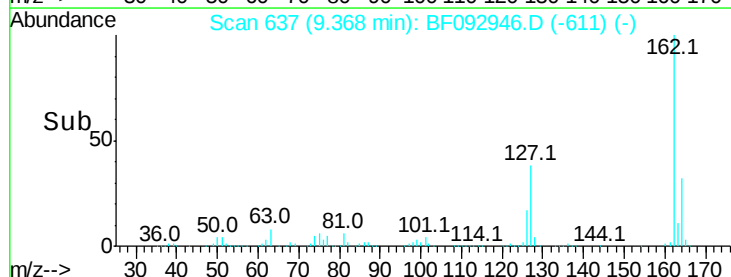


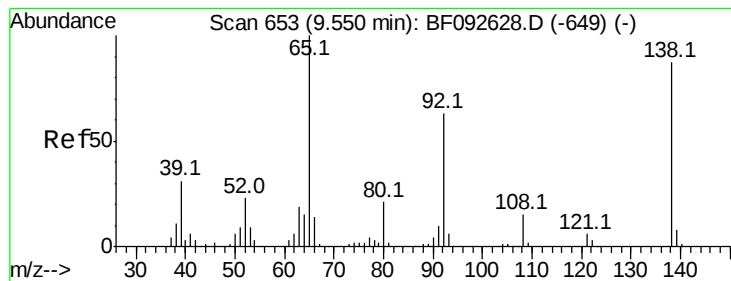
#46
 2-Chloronaphthalene
 Concen: 40.33 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion:162 Resp: 771319
 Ion Ratio Lower Upper
 162 100
 127 37.7 30.7 46.1
 164 32.1 27.6 41.4



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





#47

2-Nitroaniline

Concen: 35.60 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

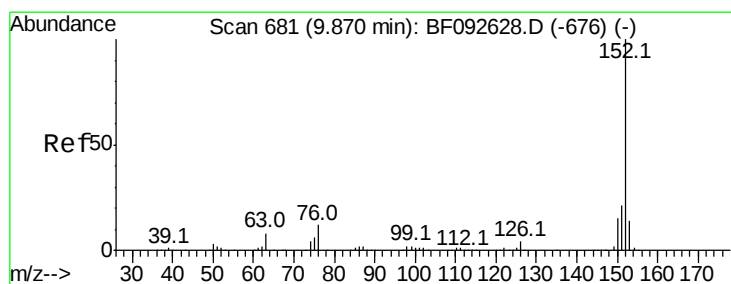
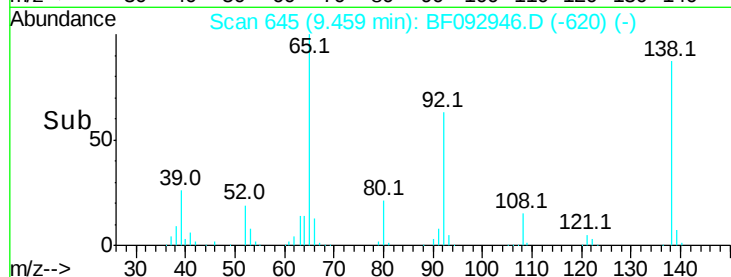
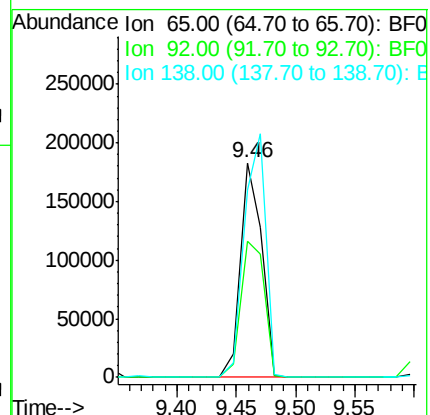
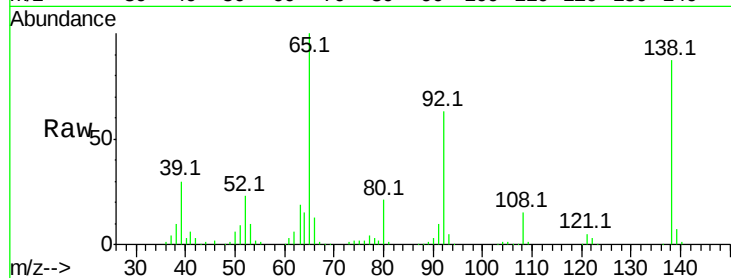
Tot Ion: 65 Resp: 228951

Ion Ratio Lower Upper

65 100

92 63.4 53.9 80.9

138 87.4 76.8 115.2



#48

Acenaphthylene

Concen: 33.98 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

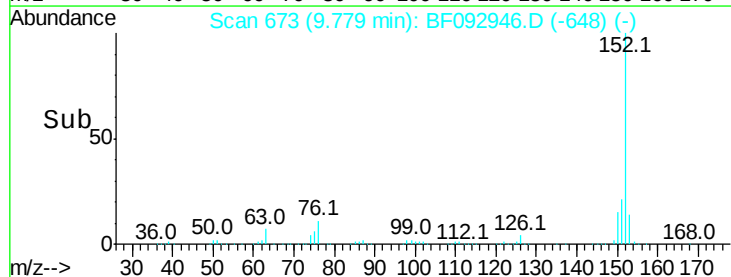
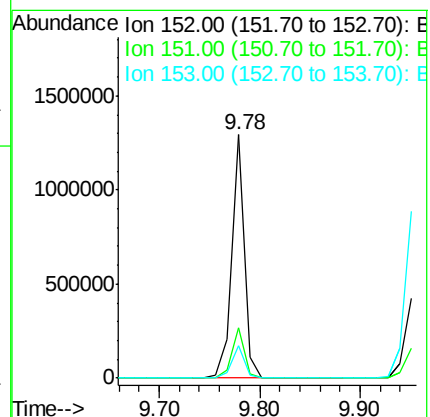
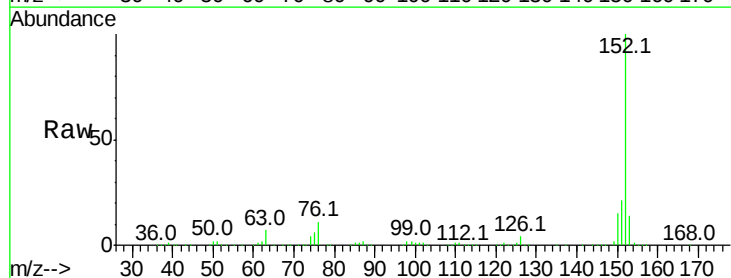
Tgt Ion:152 Resp: 1122886

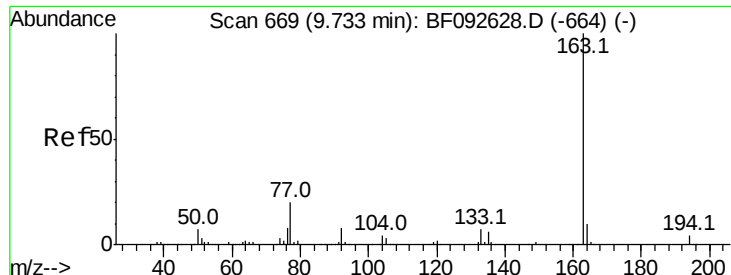
Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

153 13.5 11.4 17.2

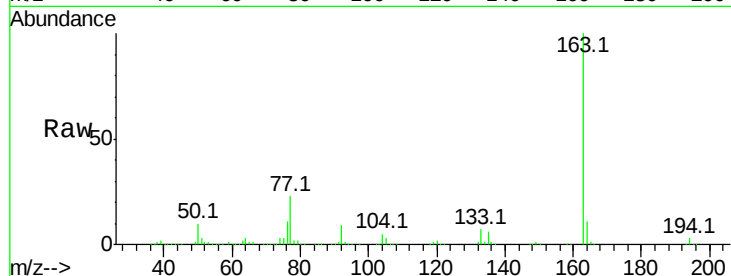




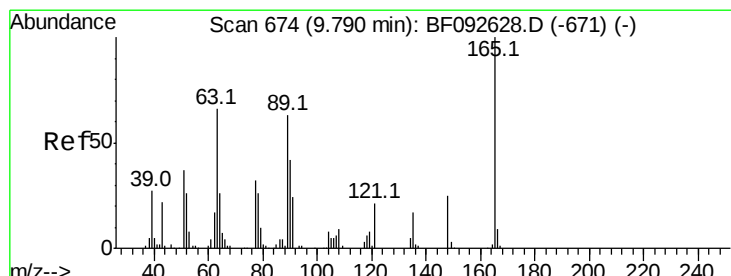
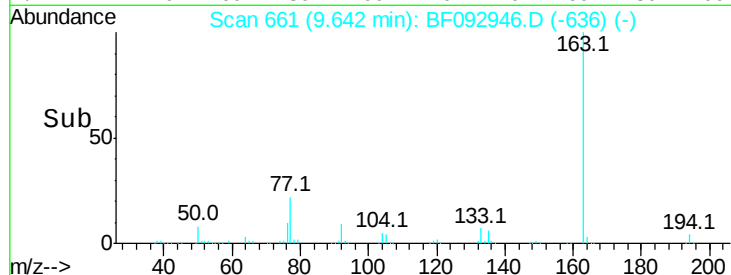
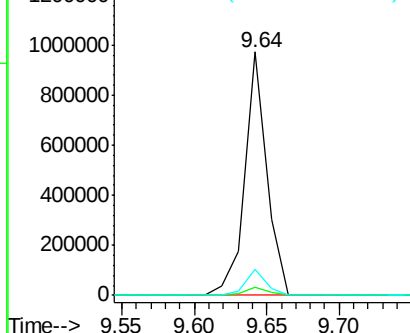
#49
Dimethylphthalate
Concen: 44.93 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1021792
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.5 8.0 12.0

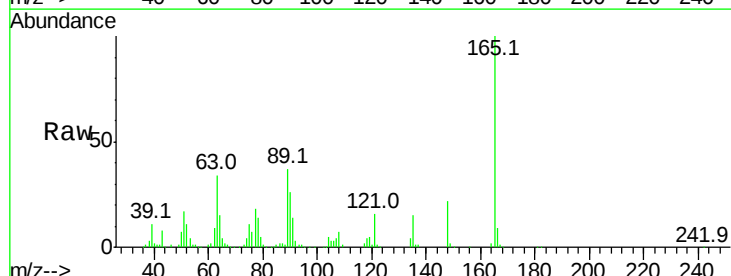


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

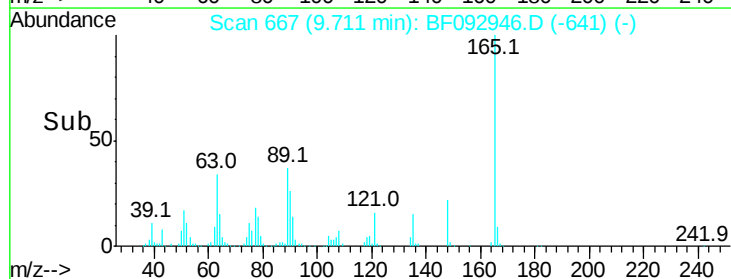
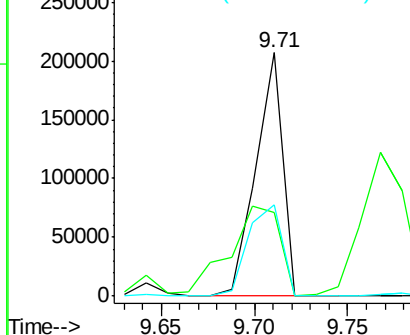


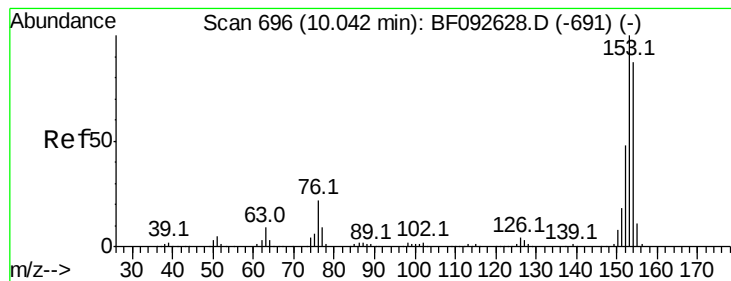
#50
2,6-Dinitrotoluene
Concen: 42.76 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion:165 Resp: 210008
Ion Ratio Lower Upper
165 100
63 34.5 36.2 54.4#
89 37.4 40.2 60.4#



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: 34.33 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

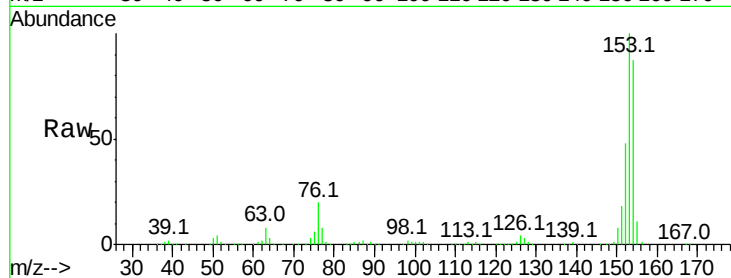
Tot Ion:154 Resp: 678273

Ion Ratio Lower Upper

154 100

153 114.4 88.6 133.0

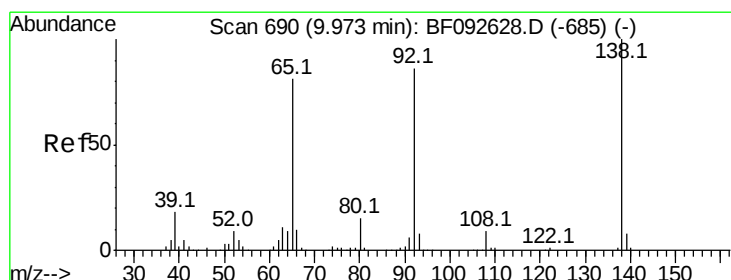
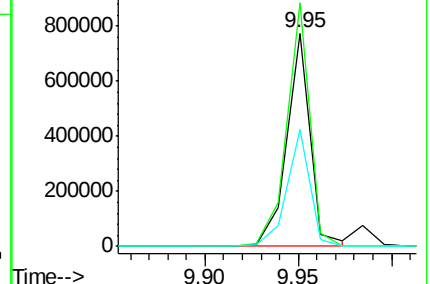
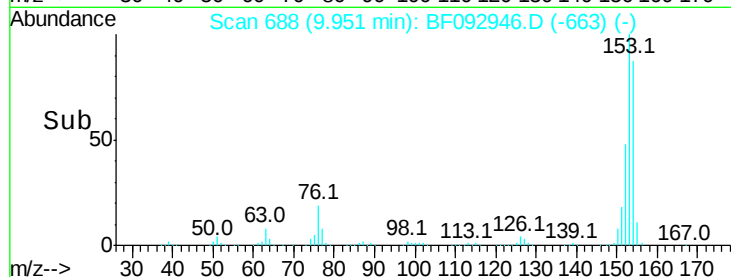
152 54.6 41.6 62.4



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: 23.53 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

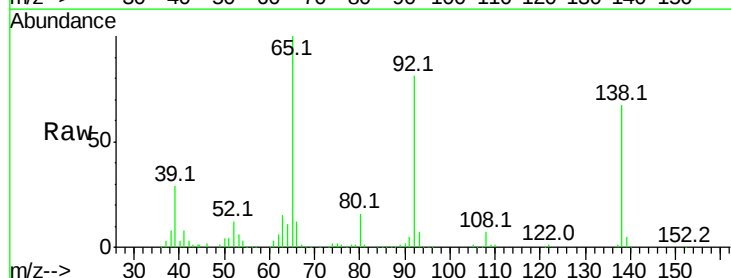
Tgt Ion:138 Resp: 132249

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

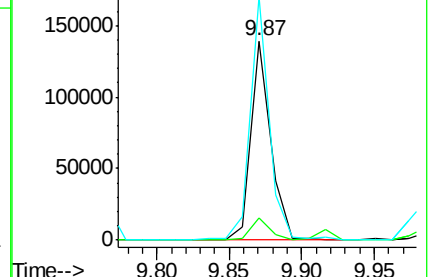
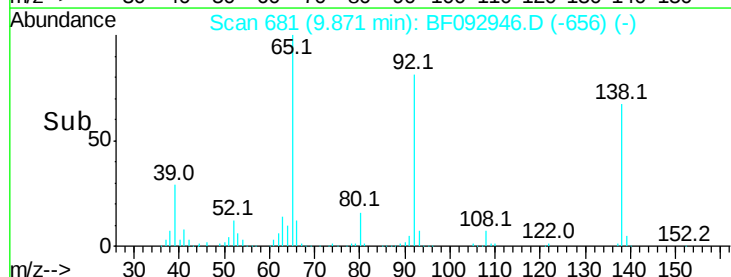
92 122.2 97.8 146.8

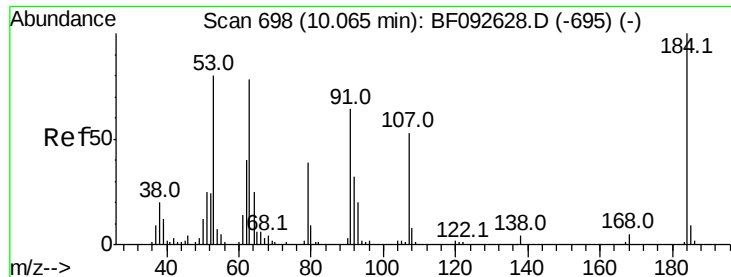


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

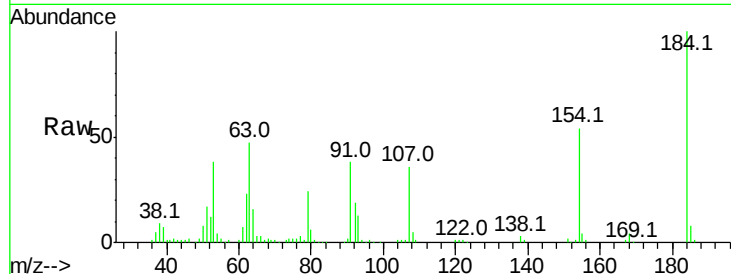




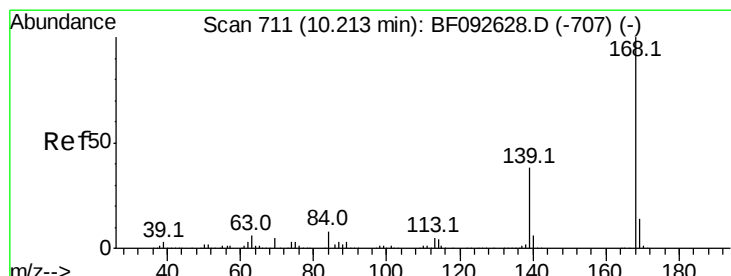
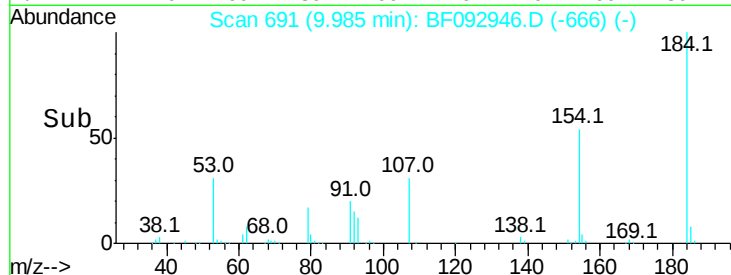
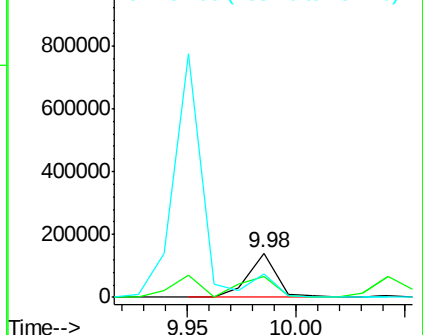
#53
2,4-Dinitrophenol
Concen: 52.64 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 127241
Ion Ratio Lower Upper
184 100
63 47.4 28.4 42.6#
154 54.2 44.3 66.5

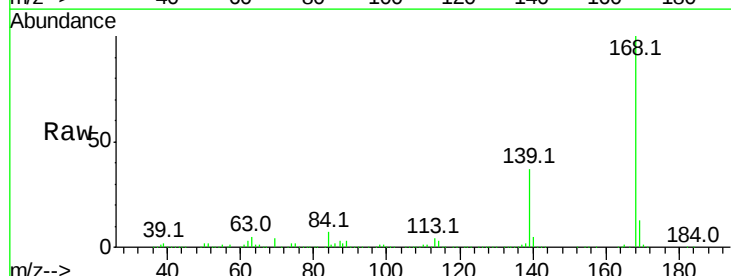


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

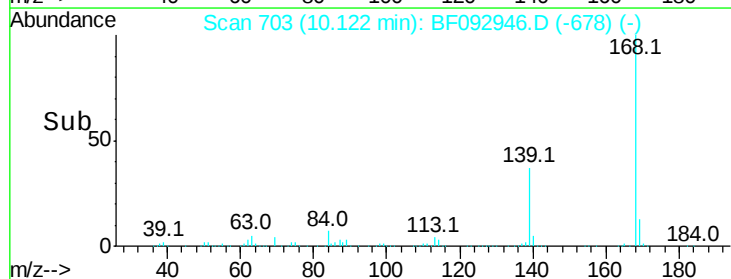
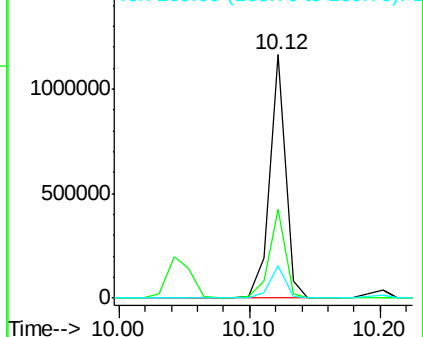


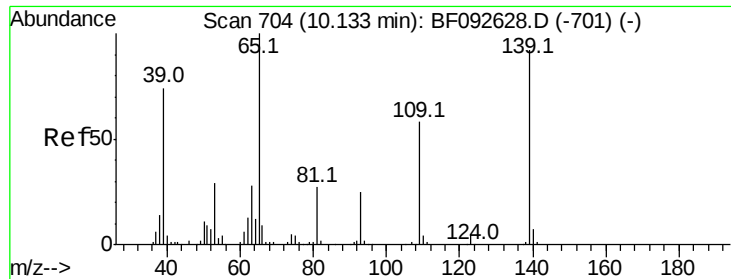
#54
Dibenzofuran
Concen: 37.60 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion:168 Resp: 993450
Ion Ratio Lower Upper
168 100
139 36.6 32.6 49.0
169 13.4 11.3 16.9



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

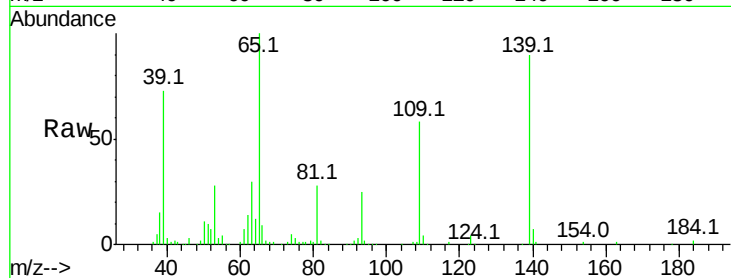




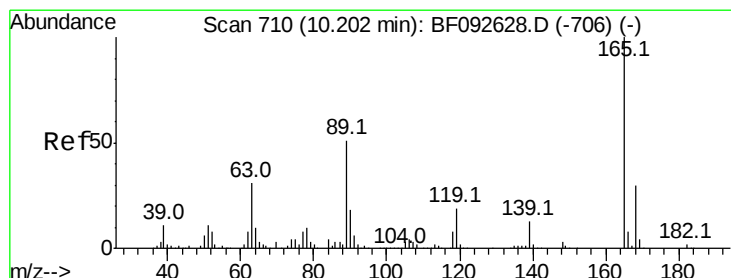
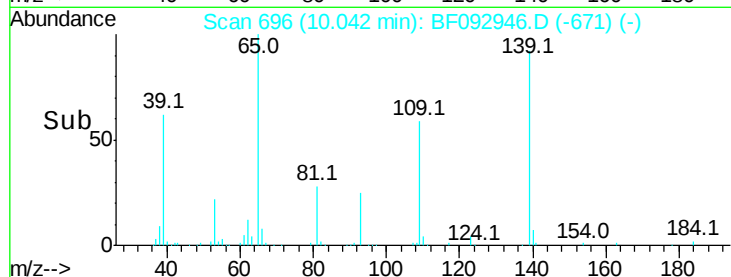
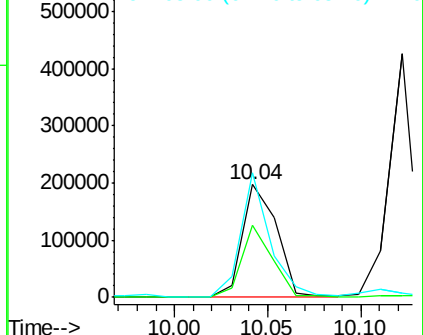
#55
4-Nitrophenol
Concen: 62.85 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 254438
Ion Ratio Lower Upper
139 100
109 64.6 52.2 92.2
65 110.8 85.8 125.8



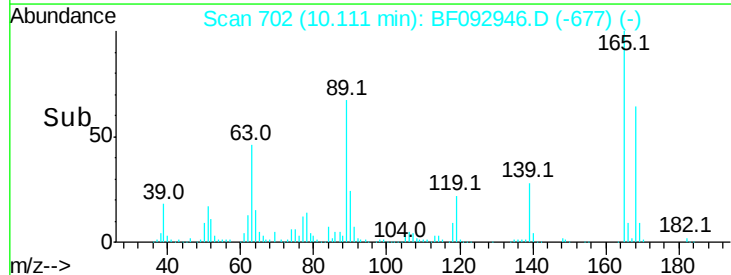
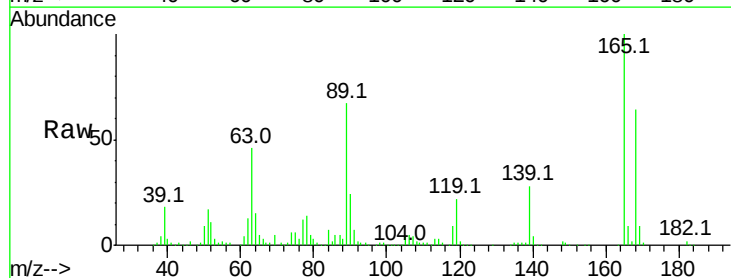
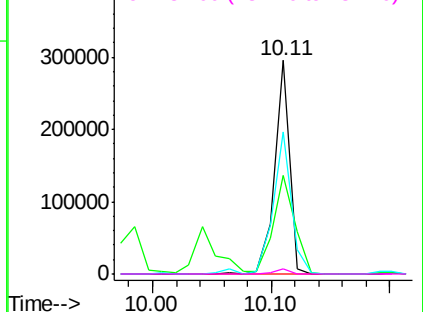
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

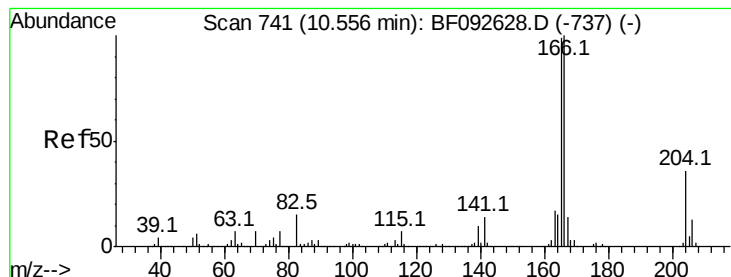


#56
2,4-Dinitrotoluene
Concen: 39.68 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion:165 Resp: 259500
Ion Ratio Lower Upper
165 100
63 46.2 40.2 60.4
89 66.6 62.5 93.7
182 2.3 1.8 2.8

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: 38.64 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

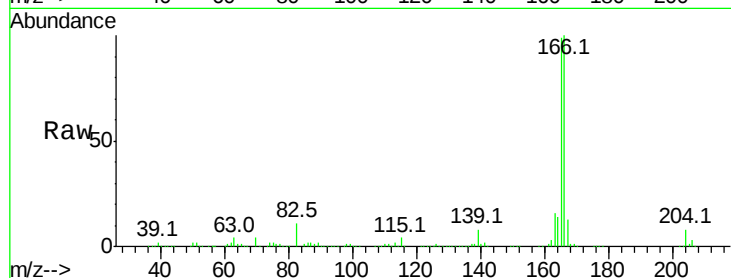
Tot Ion:166 Resp: 785501

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

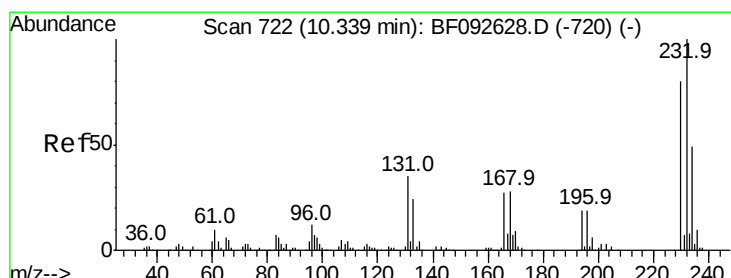
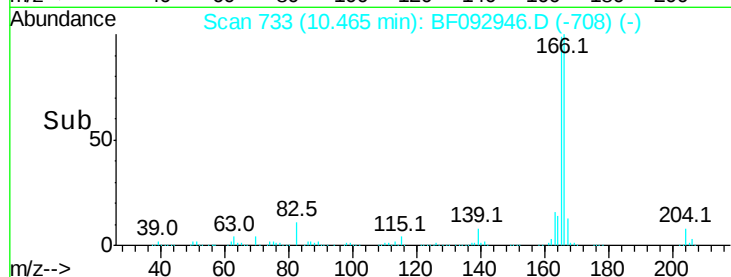
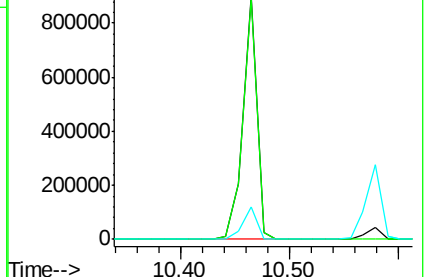
167 13.1 10.8 16.2



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: 42.04 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Tgt Ion:232 Resp: 191398

Ion Ratio Lower Upper

232 100

131 46.4 40.1 60.1

130 2.0 1.8 2.8

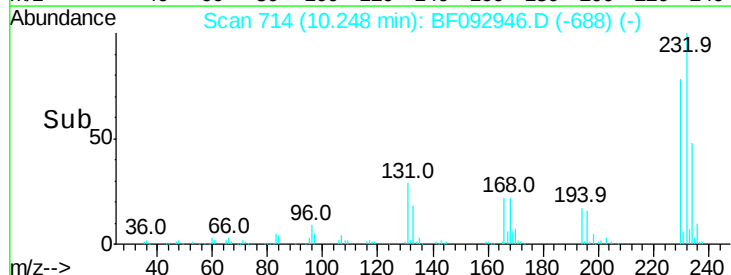
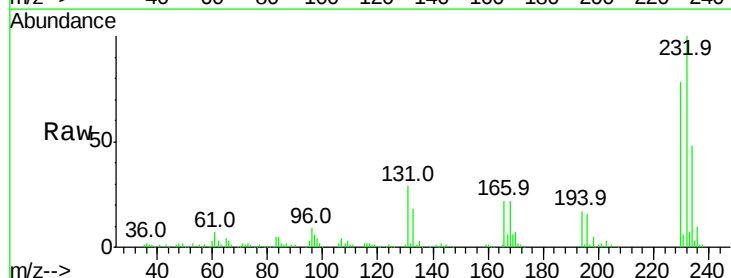
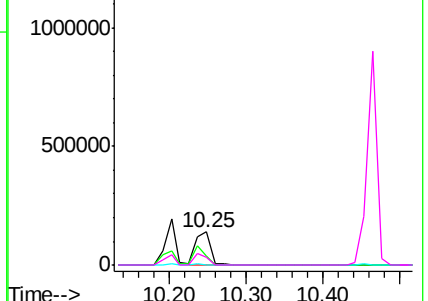
166 29.1 26.6 39.8

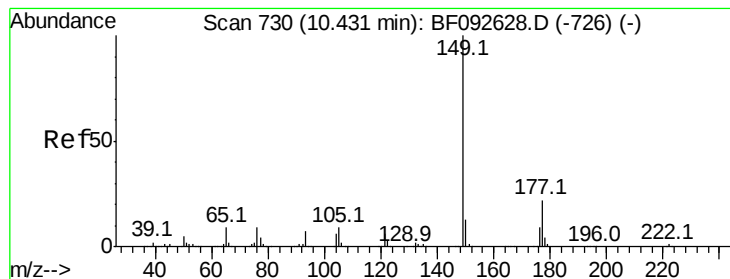
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.55 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampled :

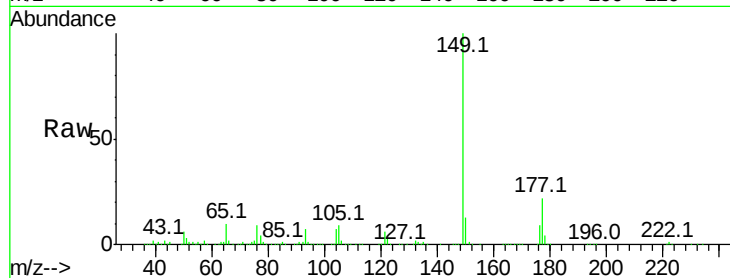
Tot Ion:149 Resp: 804841

Ion Ratio Lower Upper

149 100

177 22.0 16.6 25.0

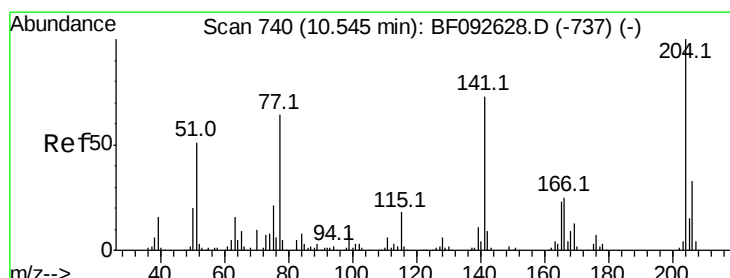
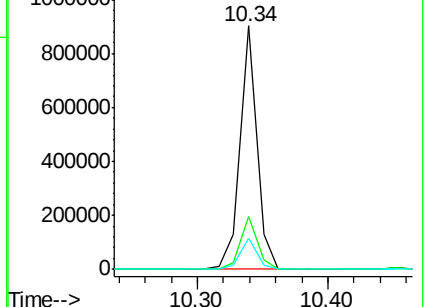
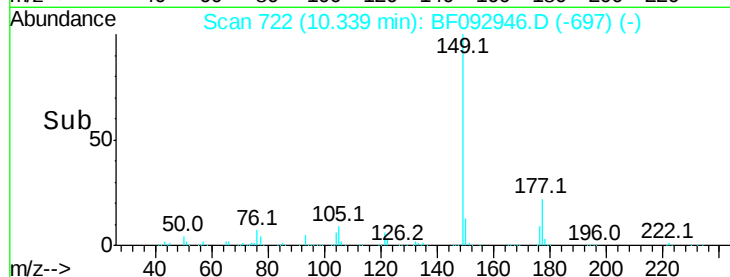
150 12.7 10.4 15.6



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: 33.83 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

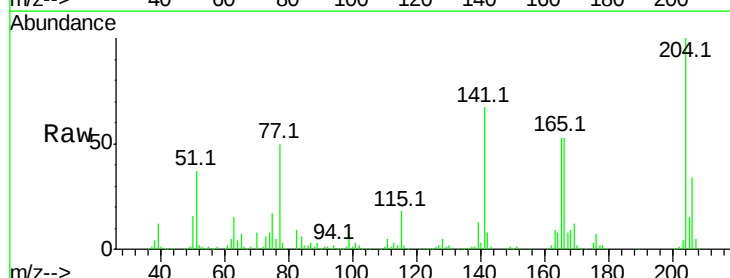
Tgt Ion:204 Resp: 330385

Ion Ratio Lower Upper

204 100

206 34.0 25.8 38.6

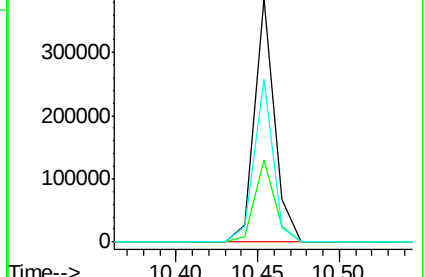
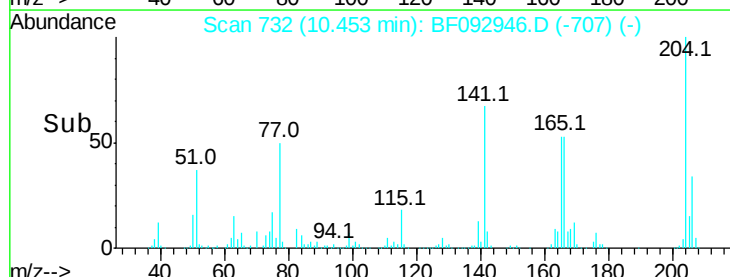
141 66.7 59.4 89.0

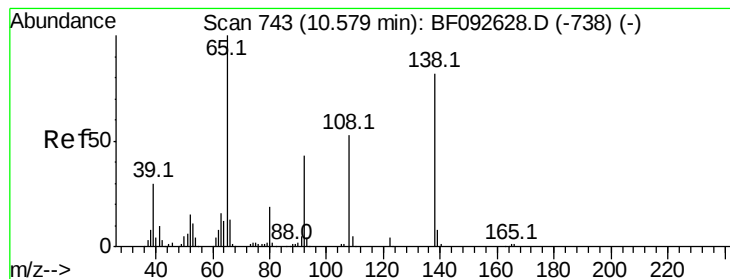


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.96 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampled :

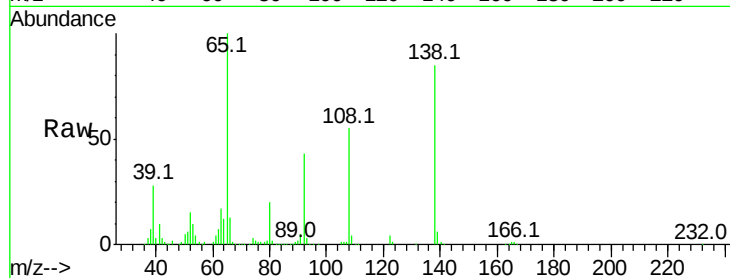
Tot Ion:138 Resp: 178267

Ion Ratio Lower Upper

138 100

92 50.8 31.7 71.7

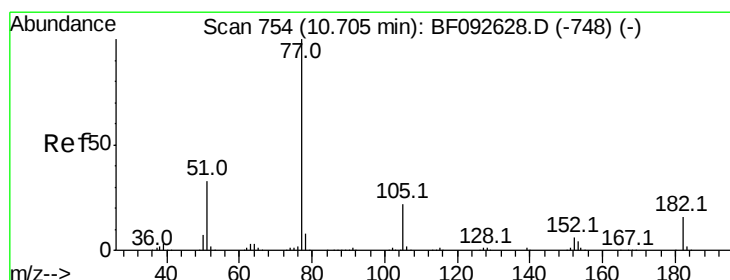
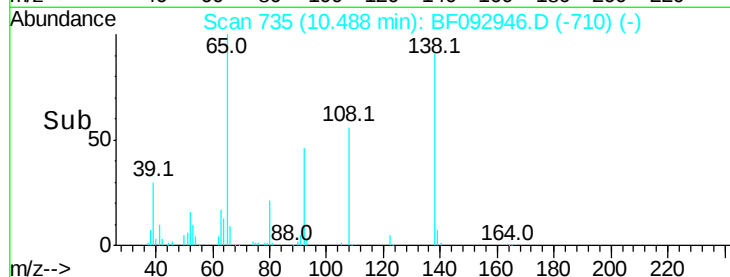
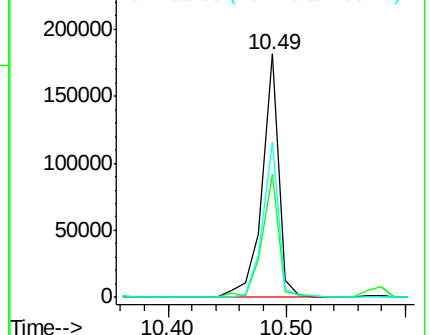
108 63.9 52.6 92.6



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: 39.38 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Tgt Ion: 77 Resp: 872134

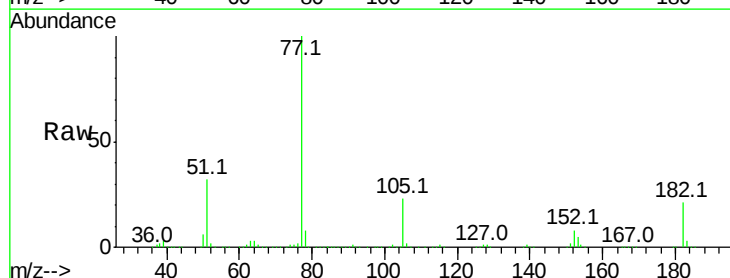
Ion Ratio Lower Upper

77 100

182 21.1 0.0 39.3

105 23.1 2.3 42.3

51 31.5 8.9 48.9

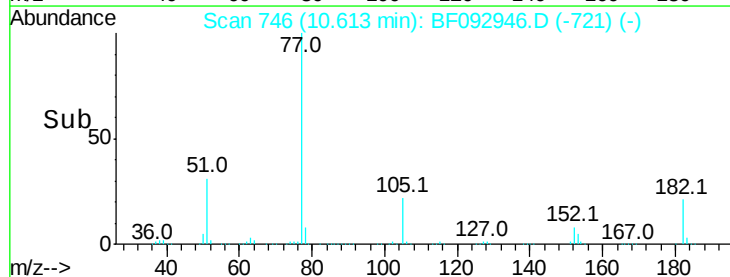
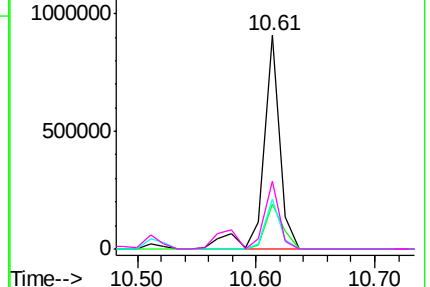


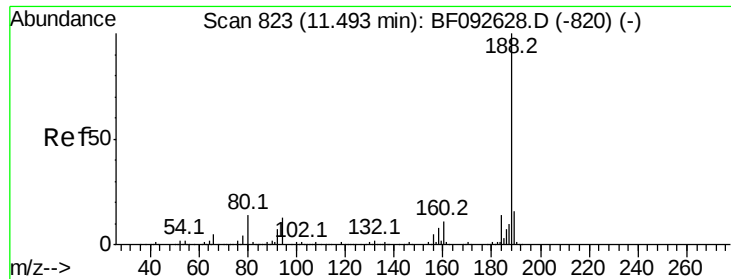
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

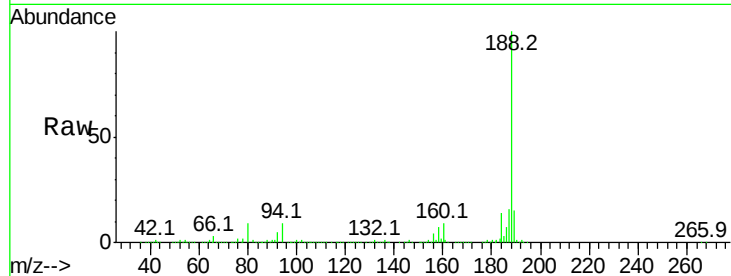




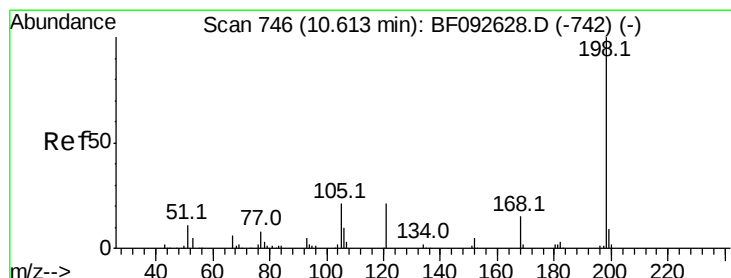
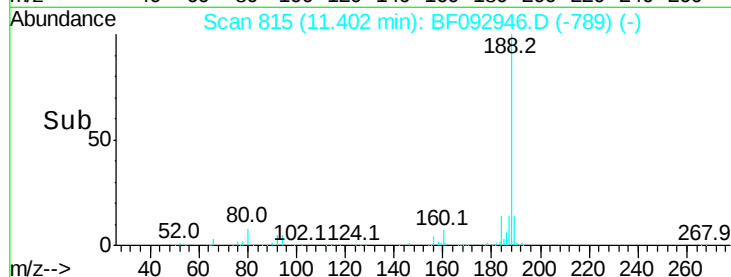
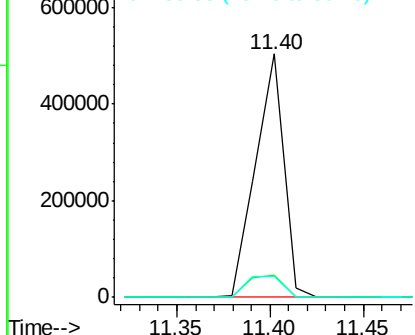
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 528207
Ion Ratio Lower Upper
188 100
94 8.9 10.0 15.0#
80 8.8 11.2 16.8#

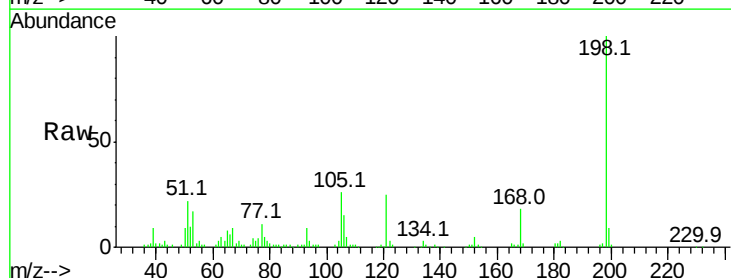


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

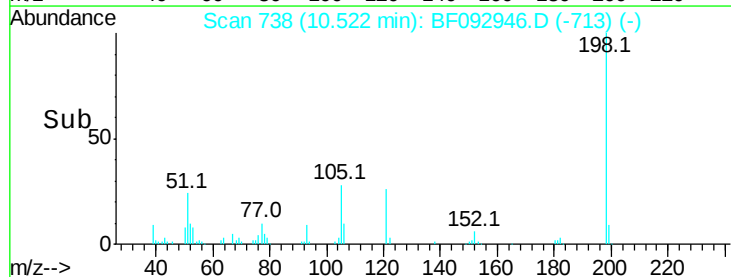
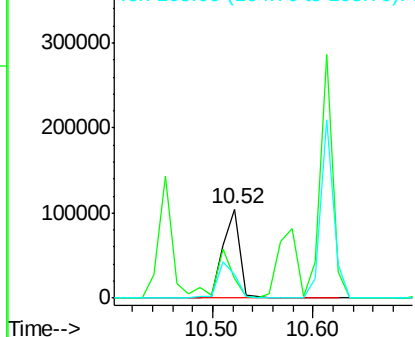


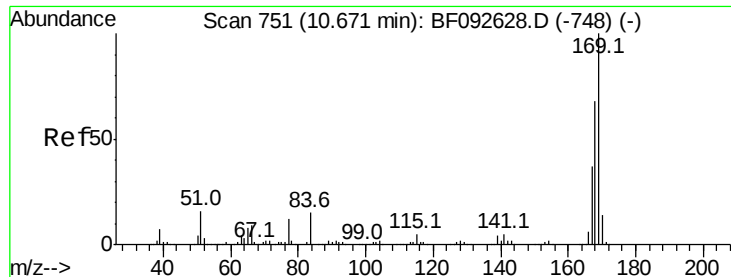
#64
4,6-Dinitro-2-methylphenol
Concen: 38.33 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion:198 Resp: 121391
Ion Ratio Lower Upper
198 100
51 22.0 6.7 46.7
105 26.2 16.6 56.6



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: 42.41 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampled :

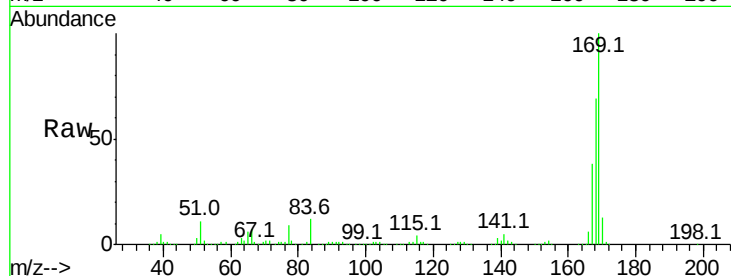
Tot Ion:169 Resp: 715580

Ion Ratio Lower Upper

169 100

168 68.6 54.2 81.2

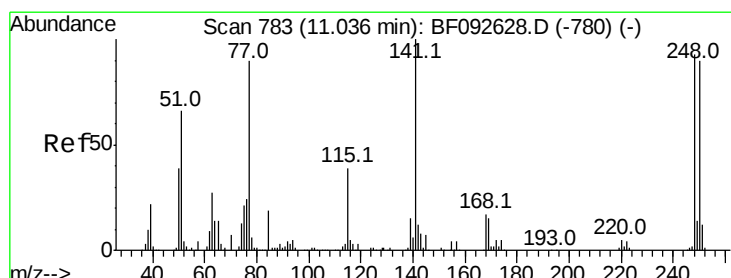
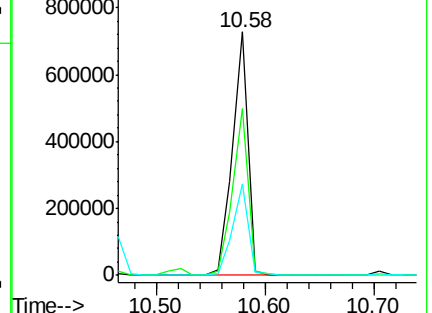
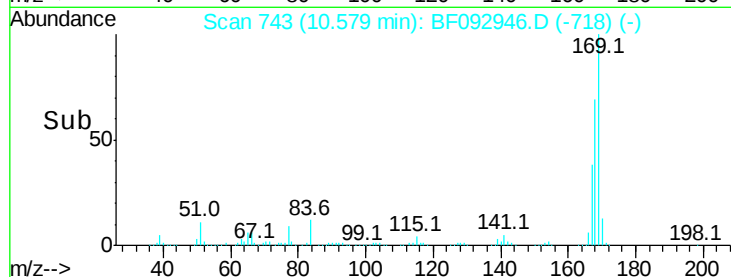
167 37.7 30.2 45.4



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: 38.81 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

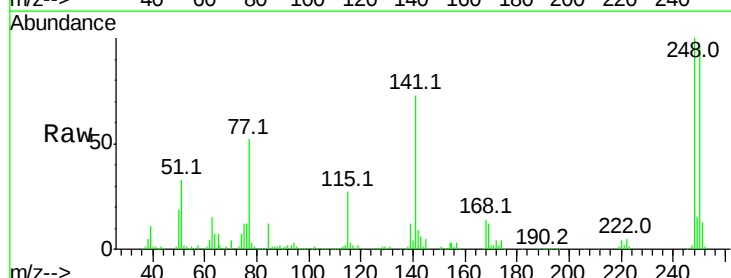
Tgt Ion:248 Resp: 214160

Ion Ratio Lower Upper

248 100

250 96.3 76.9 115.3

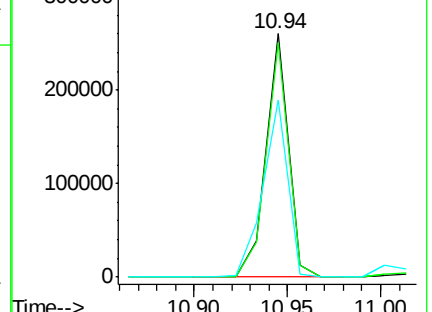
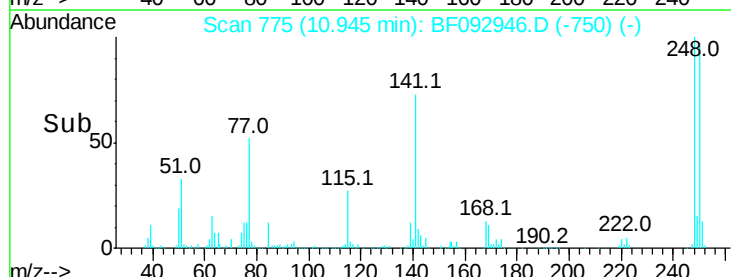
141 72.7 68.2 102.4

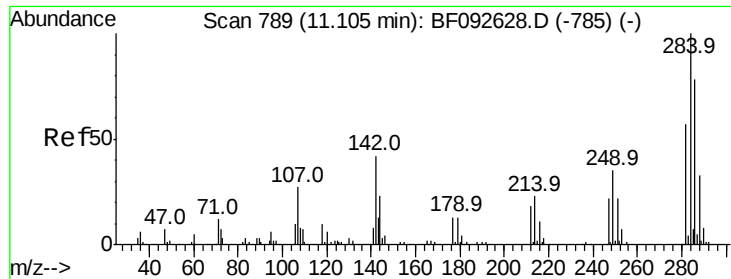


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

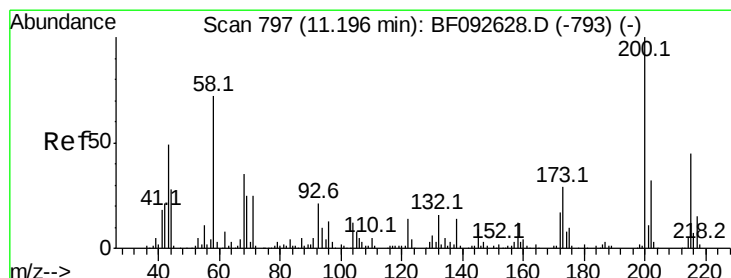
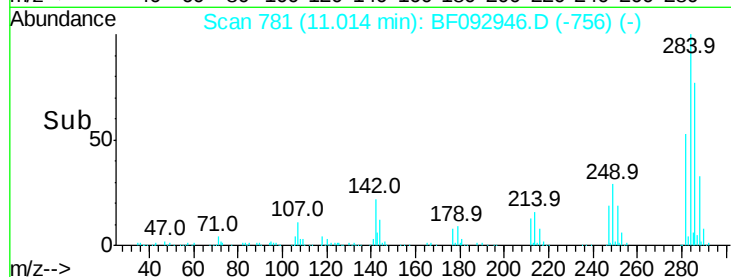
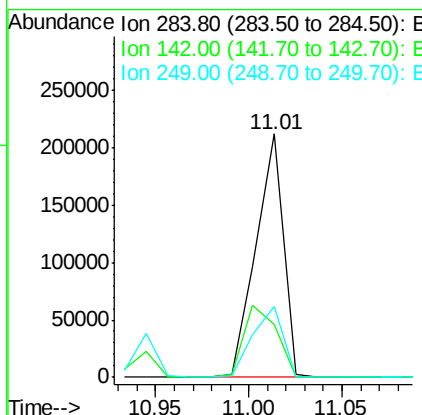
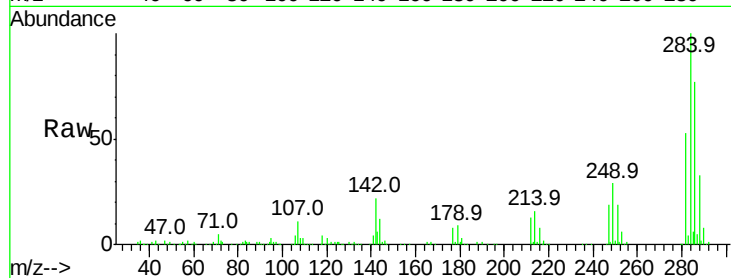




#67
Hexachlorobenzene
Concen: 39.33 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

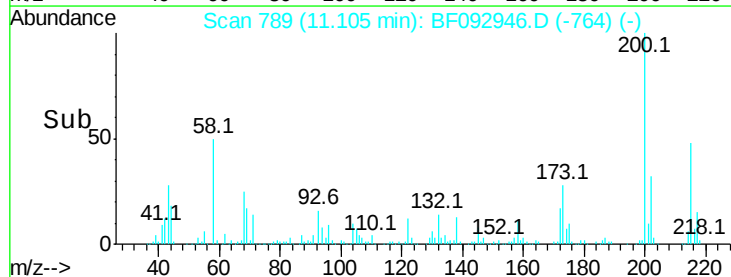
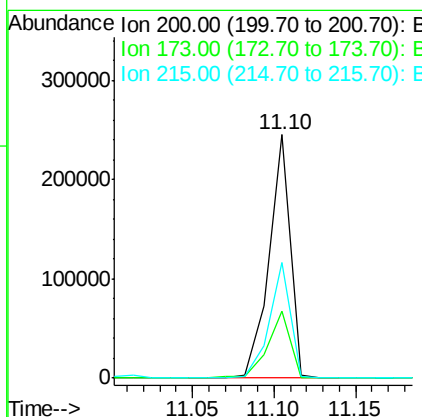
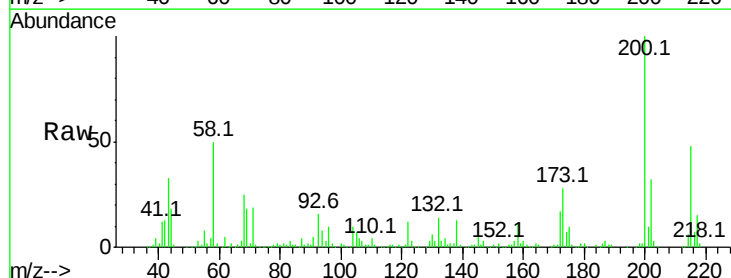
Instrument :
BNA_F
ClientSampleId :

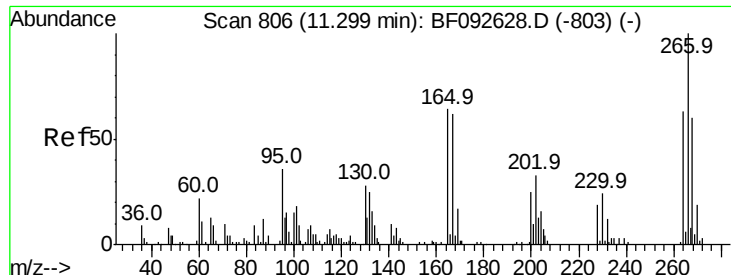
Tot Ion:284 Resp: 214483
Ion Ratio Lower Upper
284 100
142 22.0 22.6 33.8#
249 29.3 25.4 38.0



#68
Atrazine
Concen: 41.07 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion:200 Resp: 222370
Ion Ratio Lower Upper
200 100
173 27.6 9.6 49.6
215 47.6 25.7 65.7

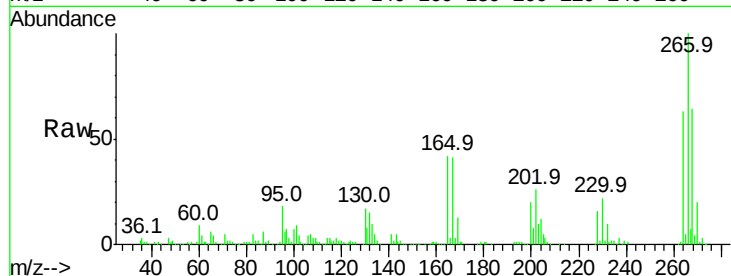




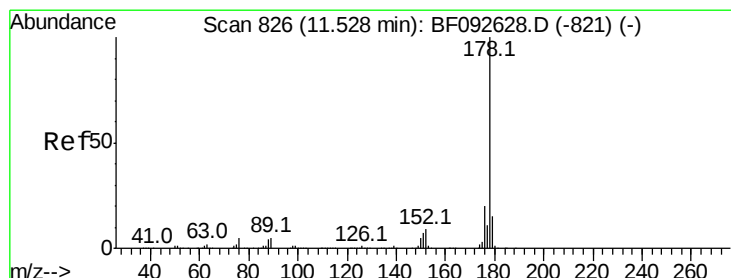
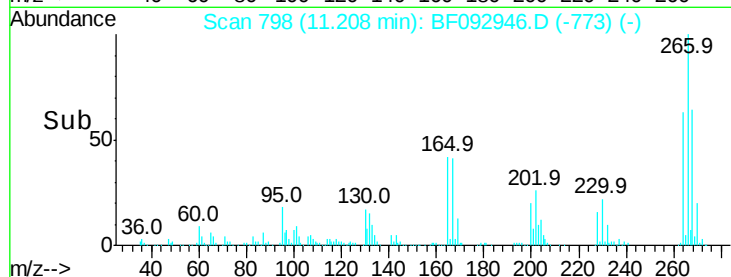
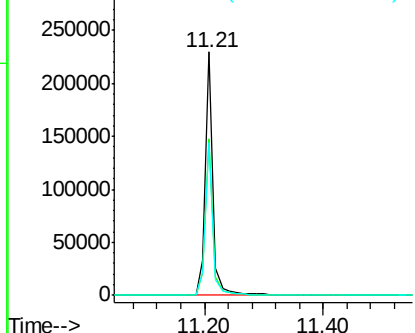
#69
 Pentachlorophenol
 Concen: 76.59 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 214656
 Ion Ratio Lower Upper
 266 100
 268 64.2 53.3 79.9
 264 62.7 50.3 75.5

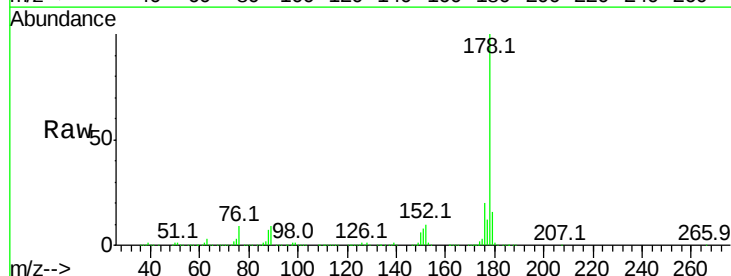


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

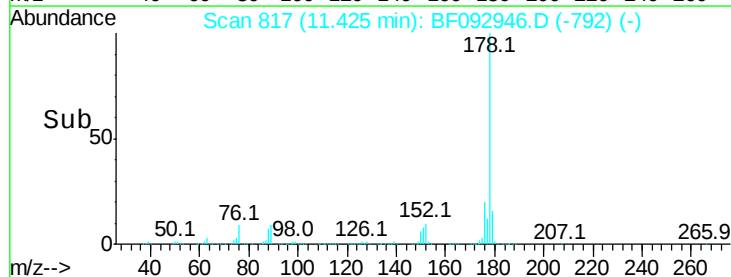
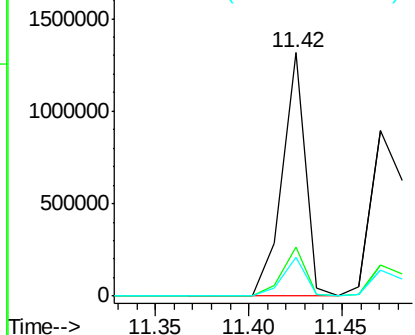


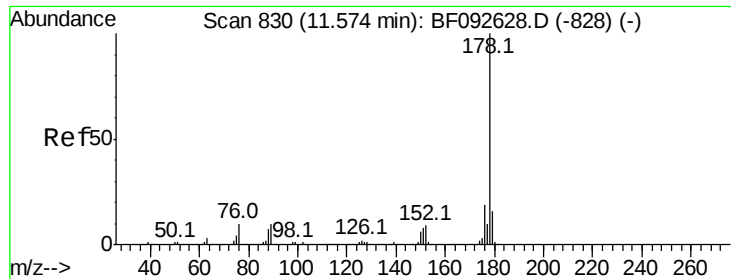
#70
 Phenanthrene
 Concen: 37.49 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion:178 Resp: 1134544
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

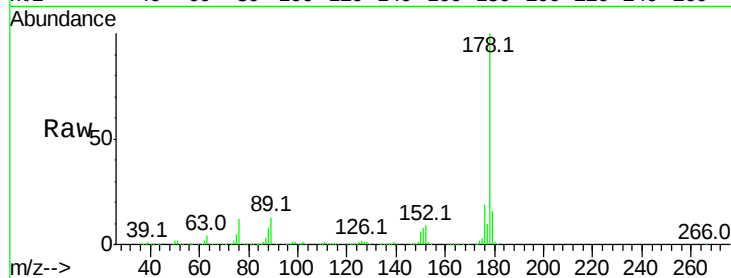




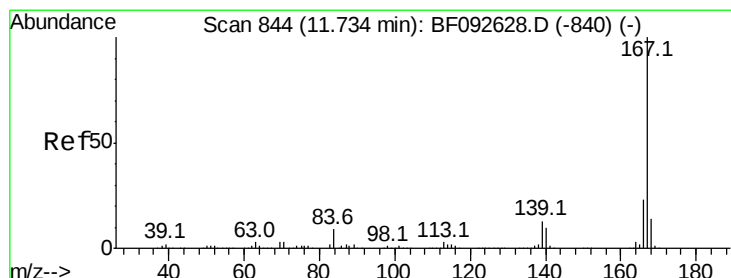
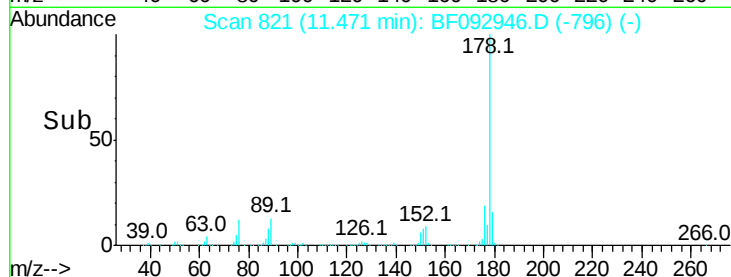
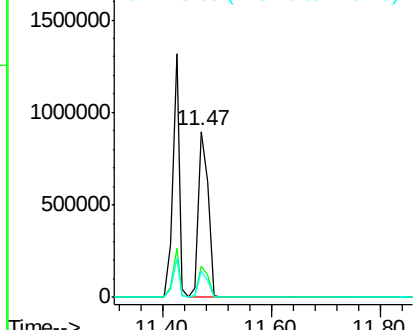
#71
 Anthracene
 Concen: 35.93 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1091992
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 15.8 13.2 19.8

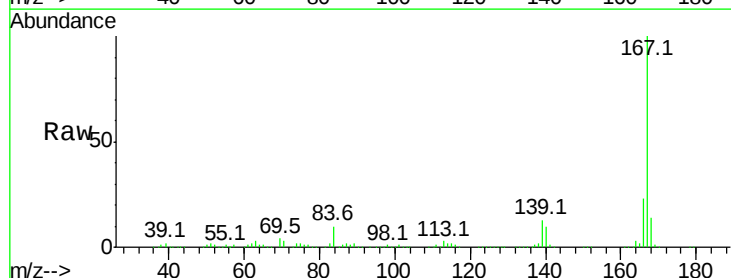


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

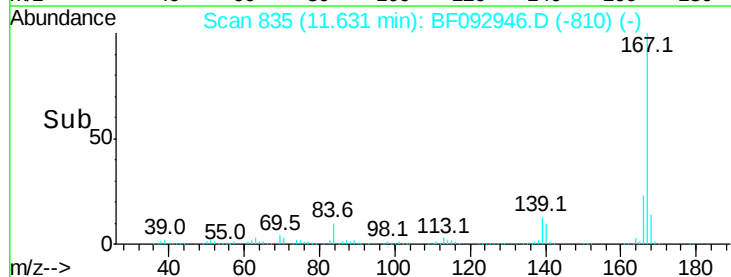
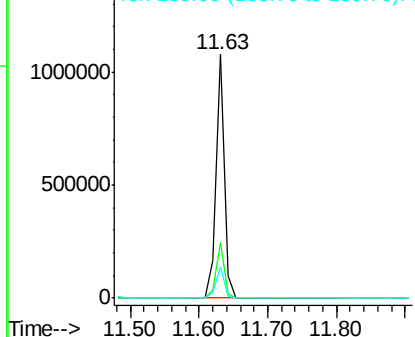


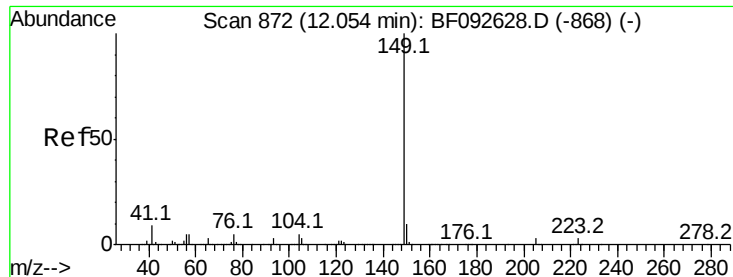
#72
 Carbazole
 Concen: 32.04 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion:167 Resp: 930848
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 13.0 11.4 17.2



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: 42.36 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

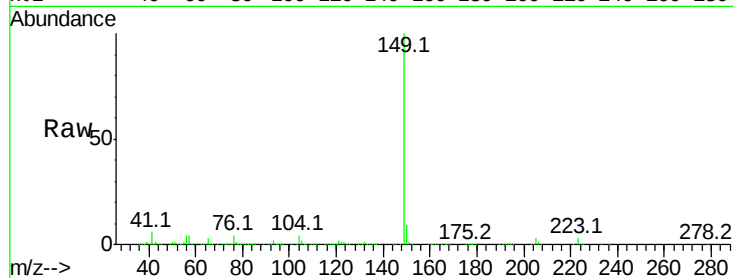
Tot Ion:149 Resp: 1330786

Ion Ratio Lower Upper

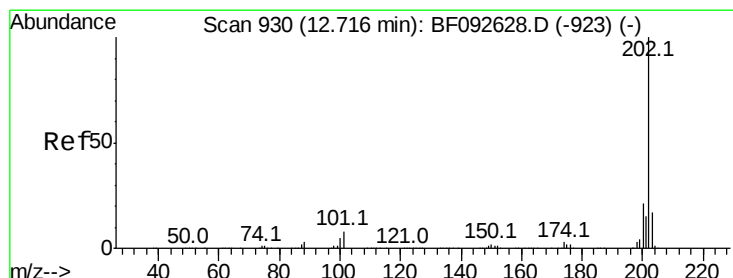
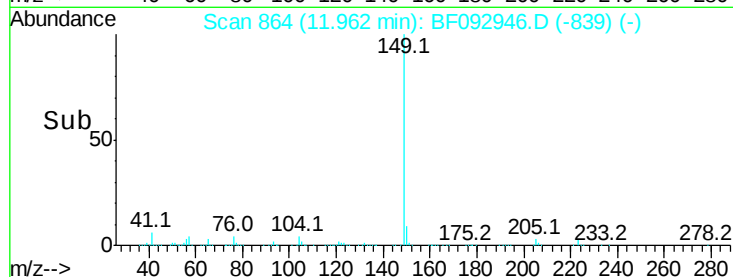
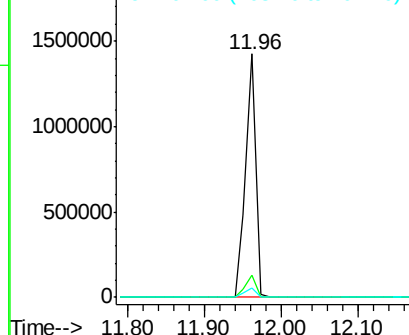
149 100

150 9.3 8.1 12.1

104 3.9 4.6 7.0#



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: 35.50 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

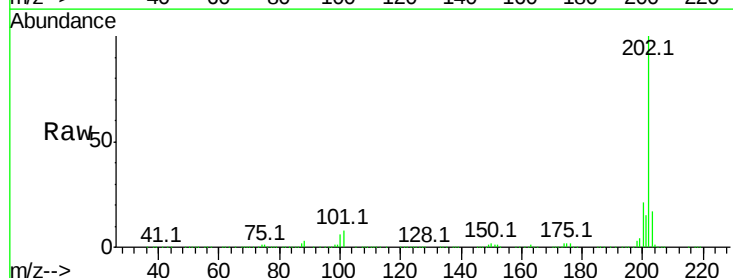
Tgt Ion:202 Resp: 1107994

Ion Ratio Lower Upper

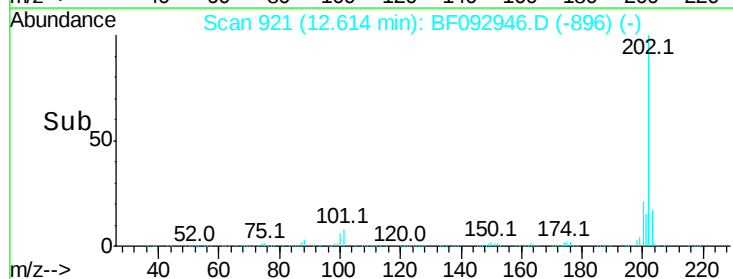
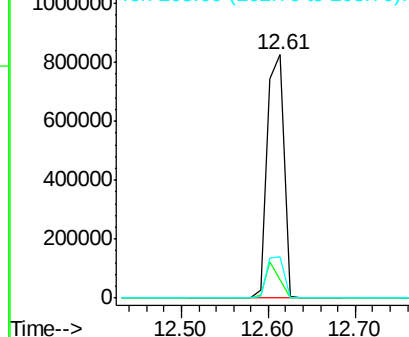
202 100

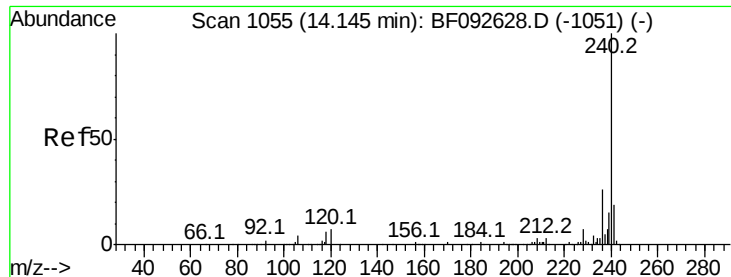
101 7.6 0.0 34.6

203 17.0 0.0 38.7



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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

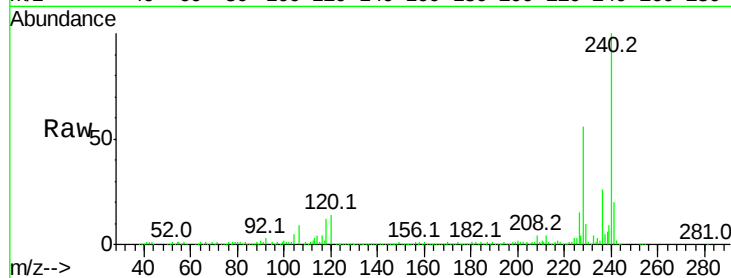
Tot Ion:240 Resp: 324820

Ion Ratio Lower Upper

240 100

120 13.7 12.9 19.3

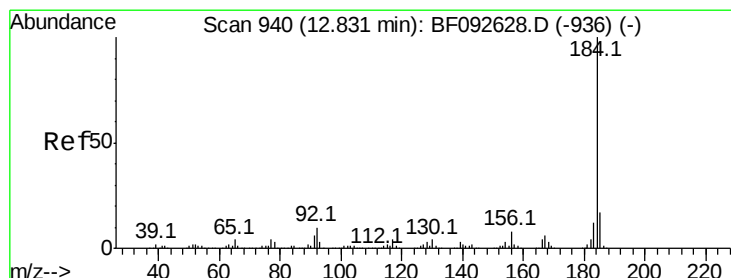
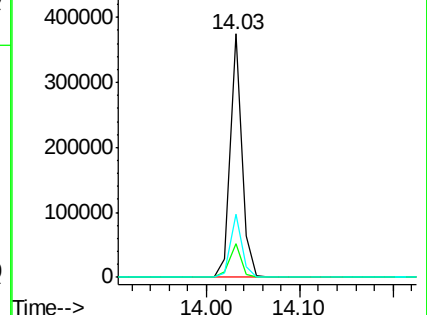
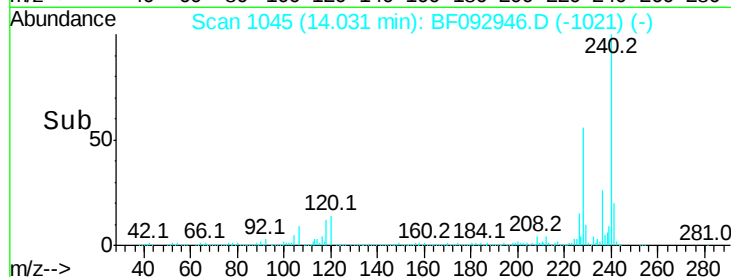
236 26.1 20.9 31.3



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: 20.10 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

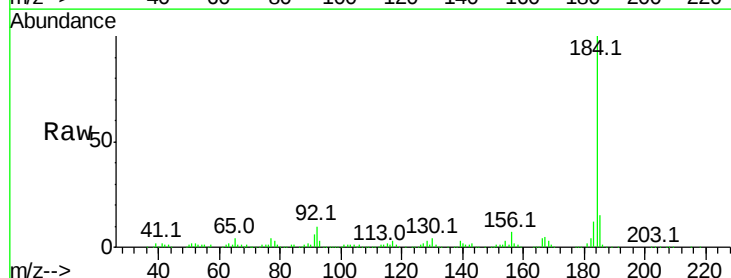
Tgt Ion:184 Resp: 278205

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

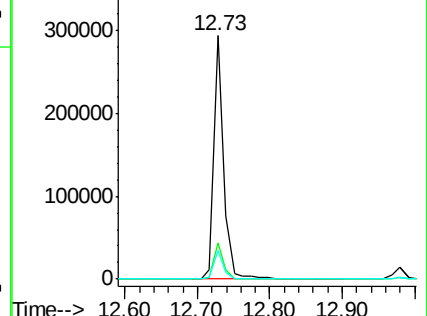
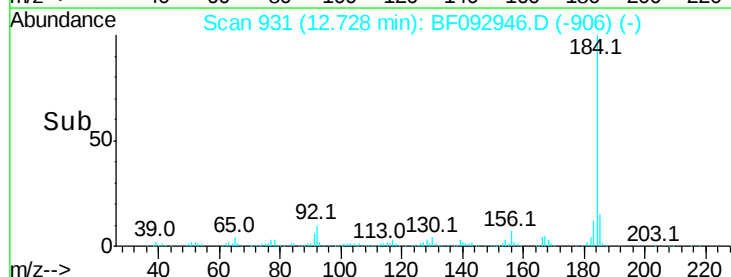
183 11.5 9.2 13.8

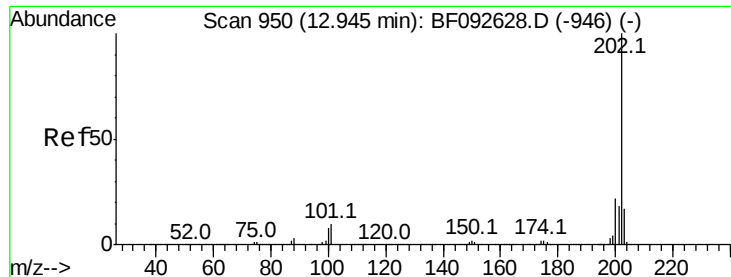


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.99 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

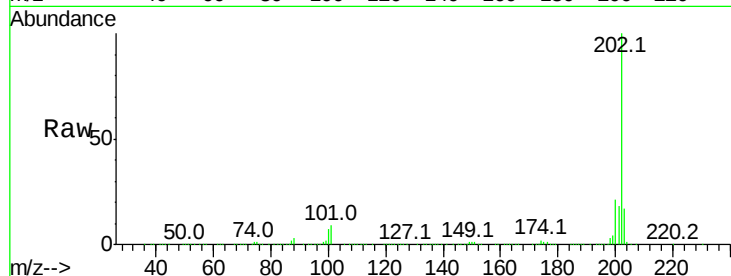
Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1069343

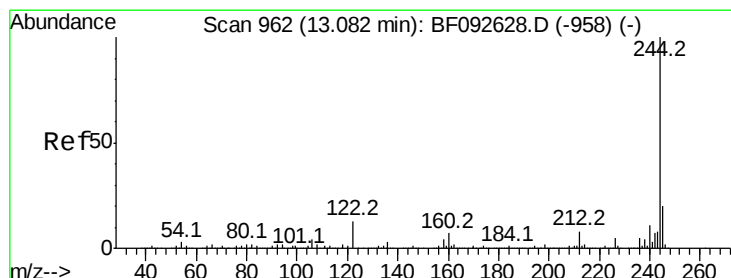
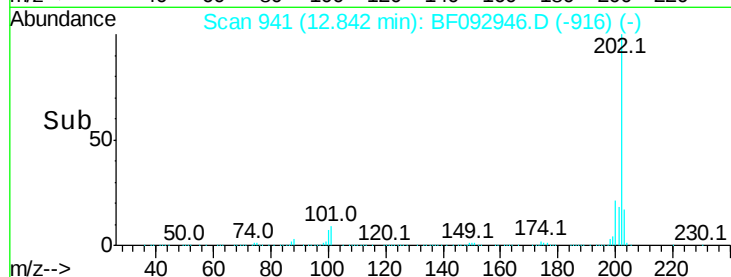
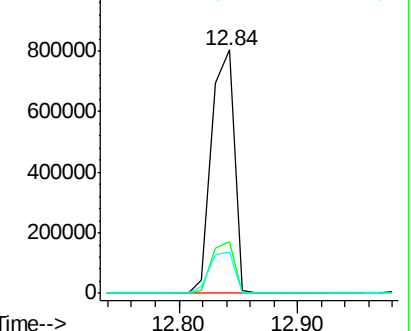
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.1	14.7	22.1



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: 81.88 ng

RT: 12.98 min Scan# 953

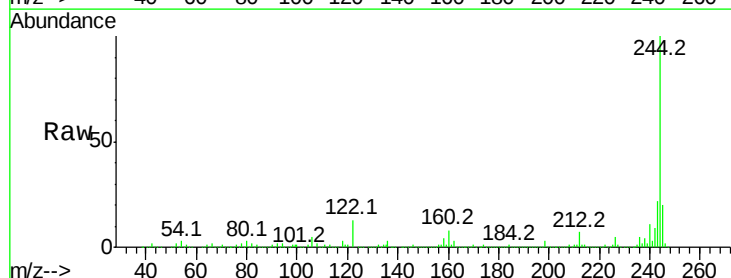
Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Tgt Ion:244 Resp: 1131913

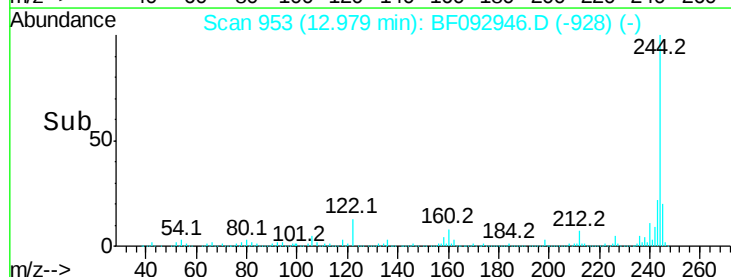
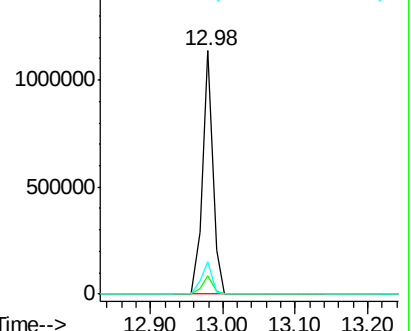
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	13.3	11.4	17.2

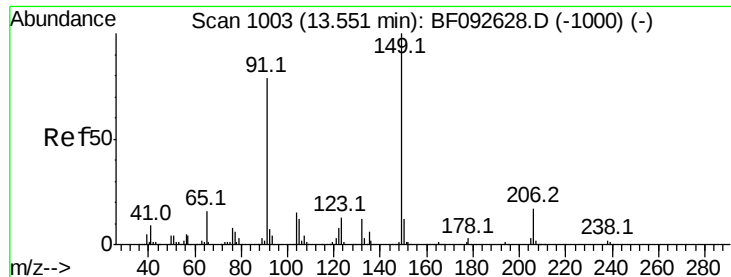


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

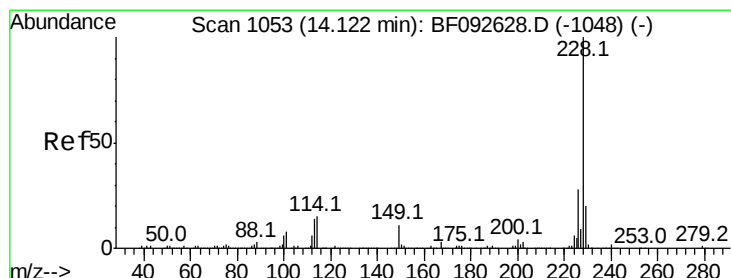
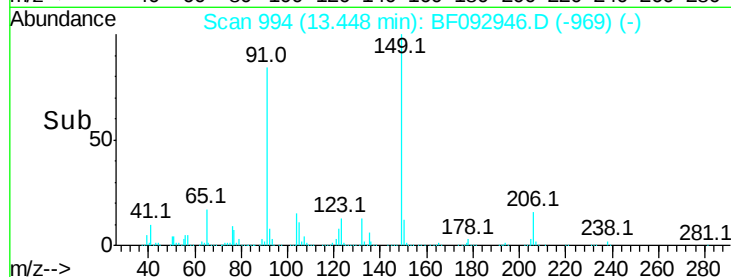
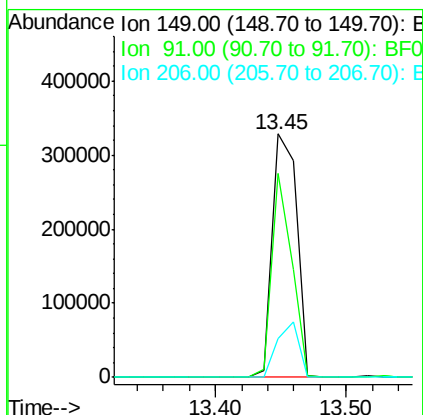
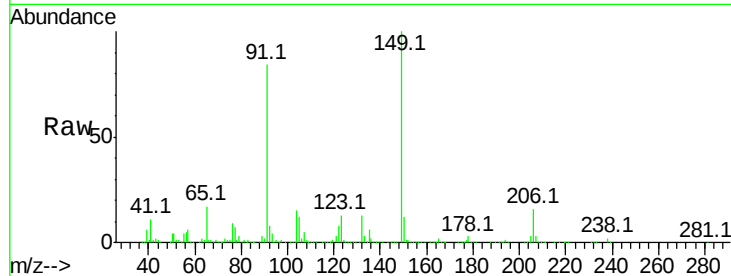




#79
Butylbenzylphthalate
Concen: 43.91 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

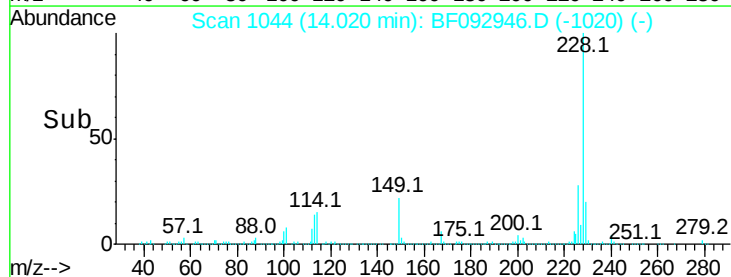
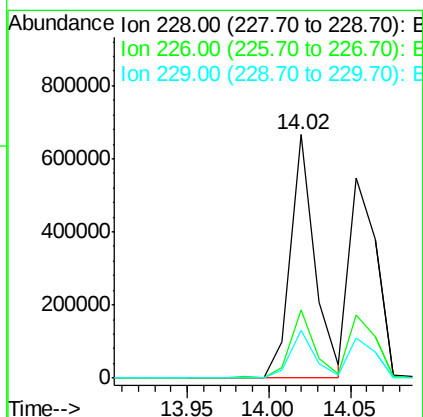
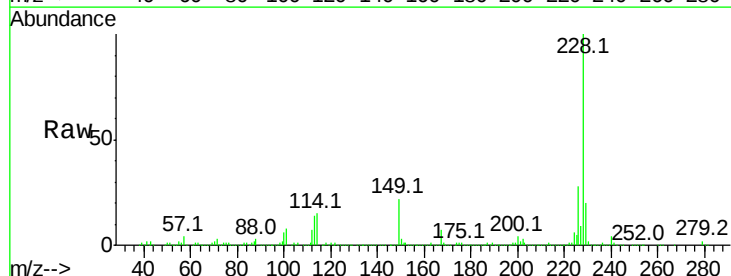
Instrument :
BNA_F
ClientSampleId :

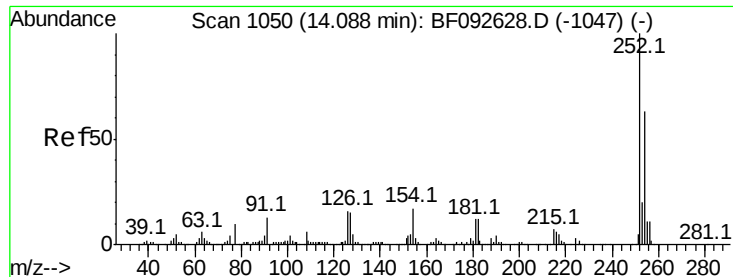
Tot Ion:149 Resp: 433461
Ion Ratio Lower Upper
149 100
91 83.9 63.9 95.9
206 15.9 14.6 21.8



#80
Benzo(a)anthracene
Concen: 34.90 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion:228 Resp: 693274
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 19.7 16.2 24.4

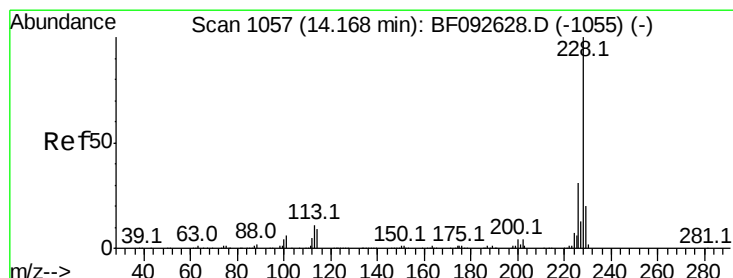
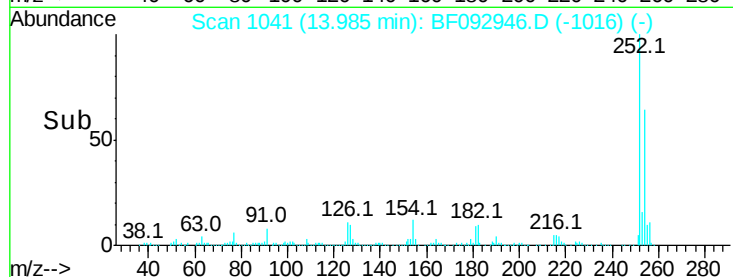
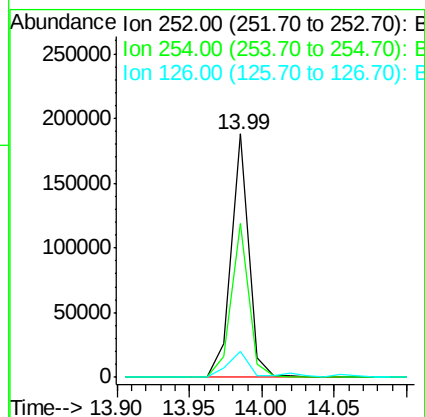
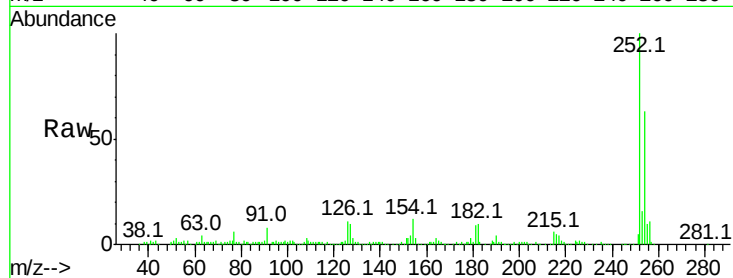




#81
 3,3'-Dichlorobenzidine
 Concen: 22.61 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

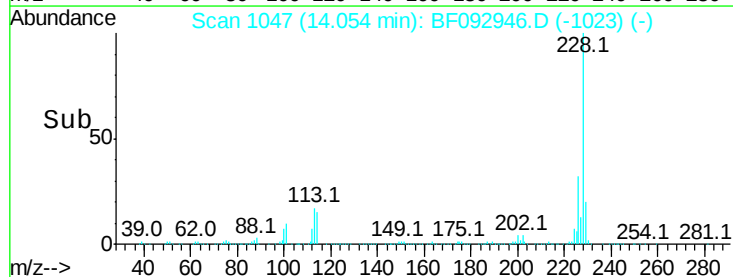
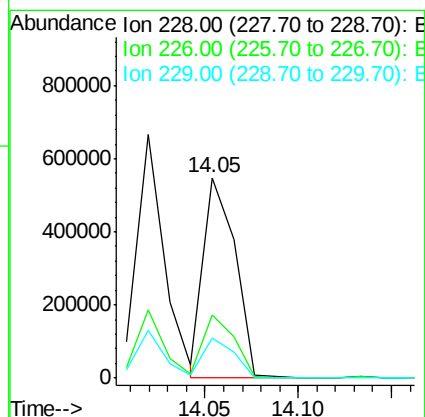
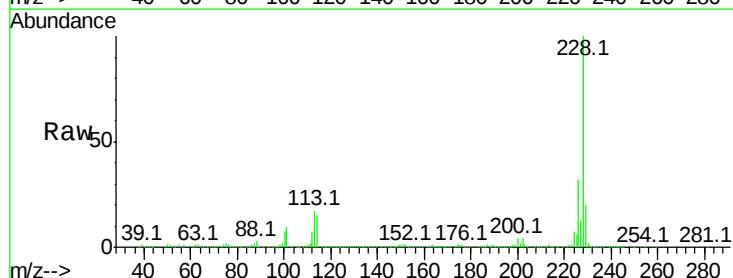
Instrument :
 BNA_F
 ClientSampleId :

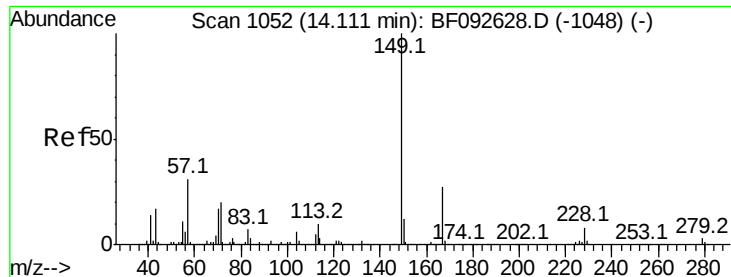
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.3	78.5
126	10.8	13.6	20.4



#82
 Chrysene
 Concen: 34.51 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.1	16.2	24.2

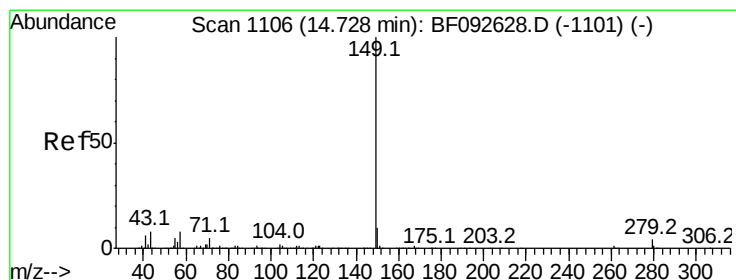
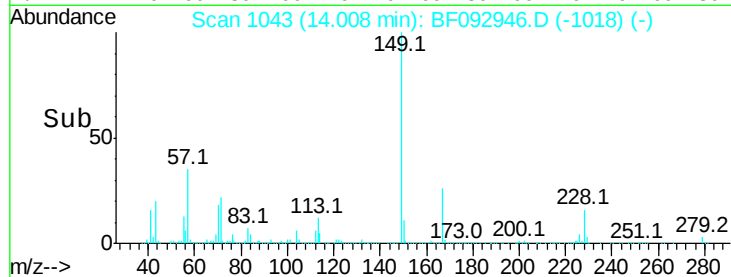
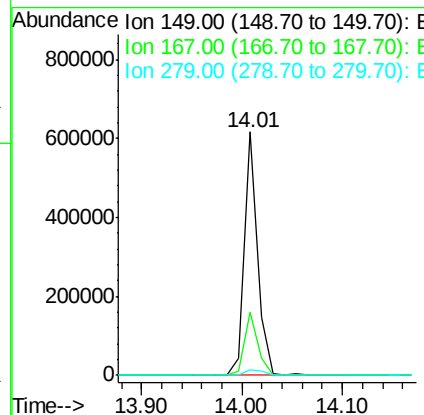
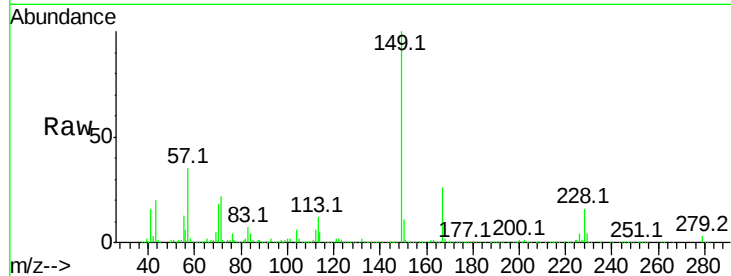




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.37 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

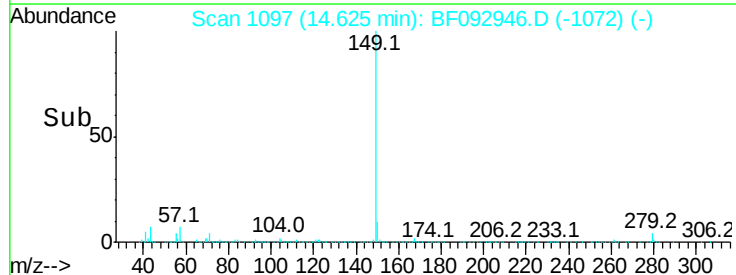
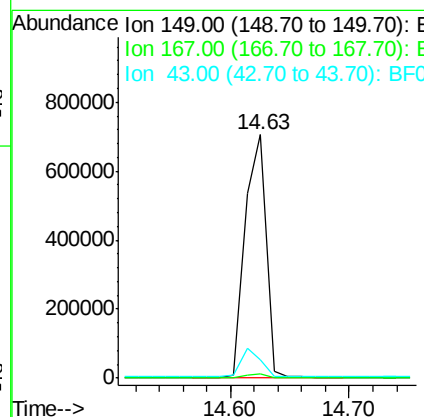
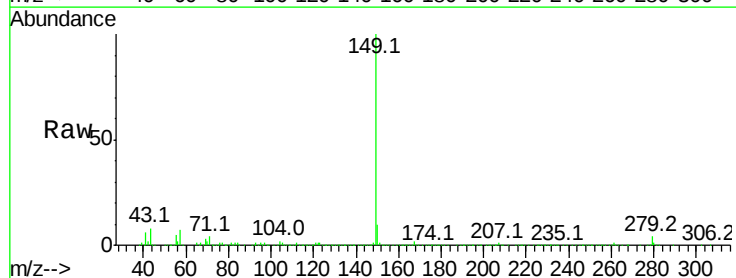
Instrument :
 BNA_F
 ClientSampleId :

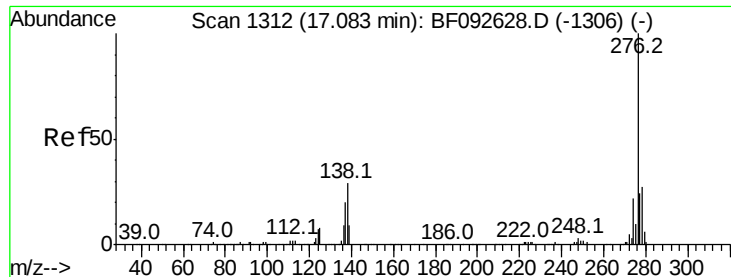
Tot Ion:149 Resp: 558464
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.2 30.4
 279 2.5 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 39.78 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion:149 Resp: 874404
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.2 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 53.61 ng

RT: 16.89 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

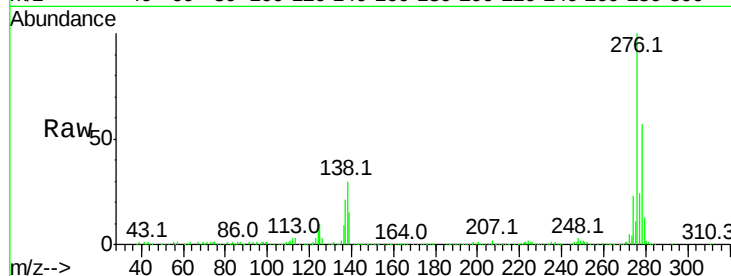
Tot Ion:276 Resp: 772355

Ion Ratio Lower Upper

276 100

138 31.6 21.8 32.6

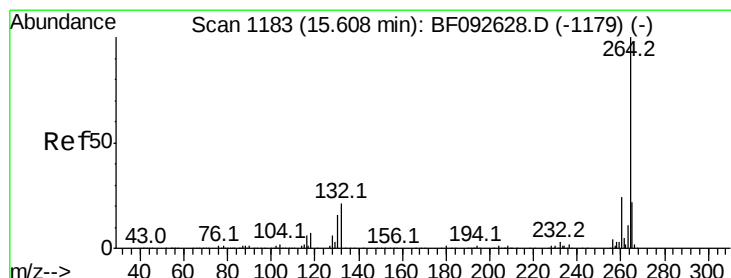
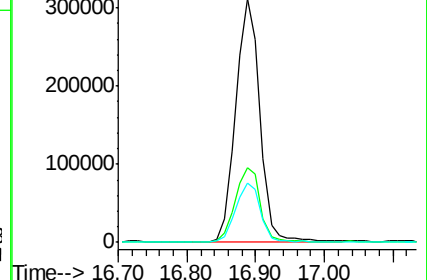
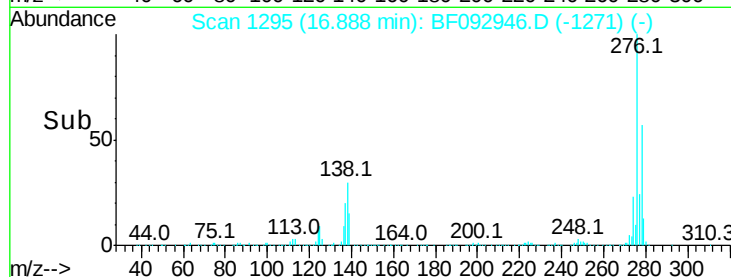
277 24.8 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

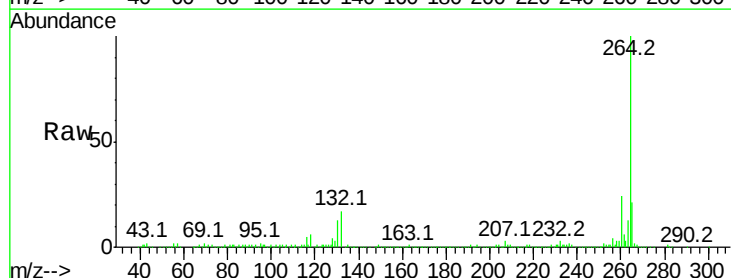
Tgt Ion:264 Resp: 300310

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

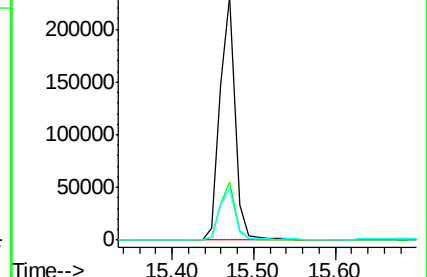
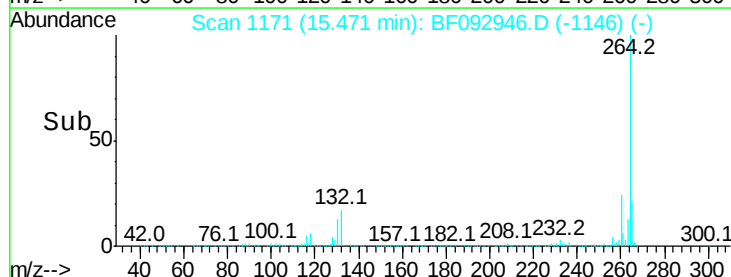
265 21.3 17.4 26.0

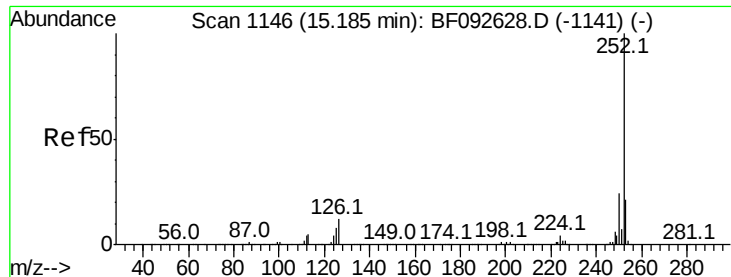


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 65.80 ng

RT: 15.08 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

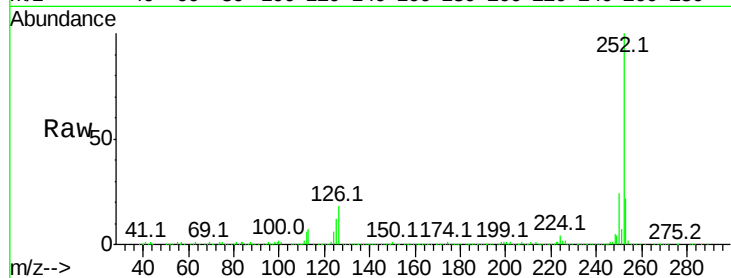
Tot Ion:252 Resp: 1300552

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

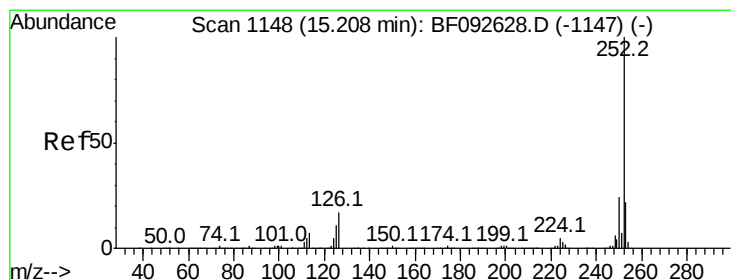
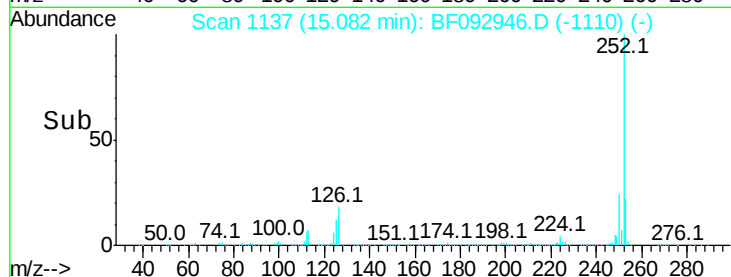
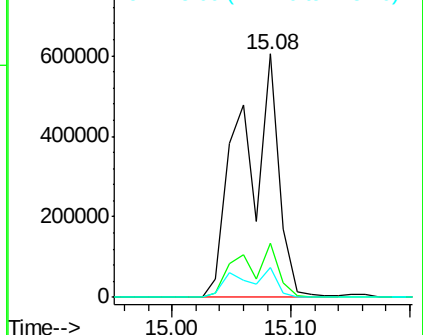
125 12.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 76.20 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

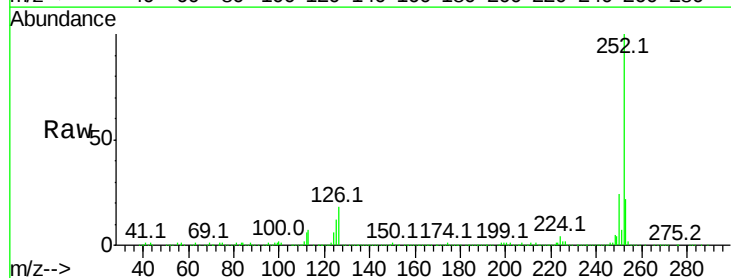
Tgt Ion:252 Resp: 1300552

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

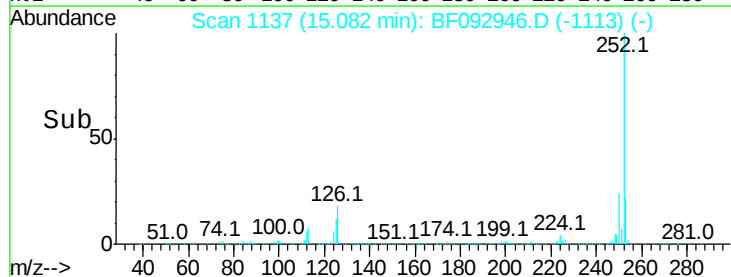
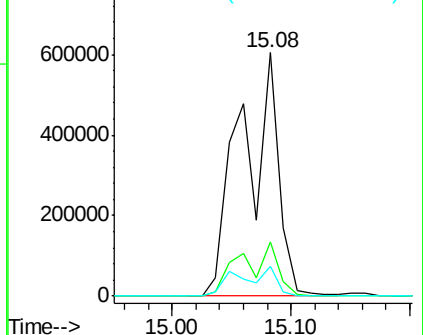
125 12.5 8.9 13.3

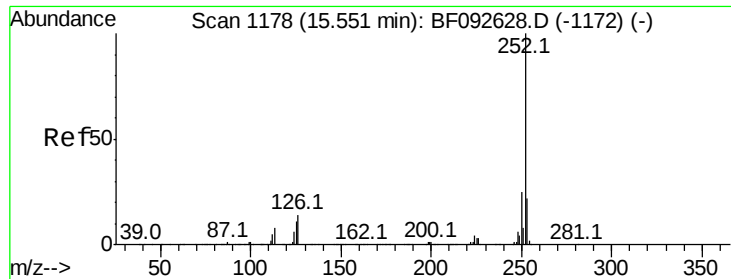


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

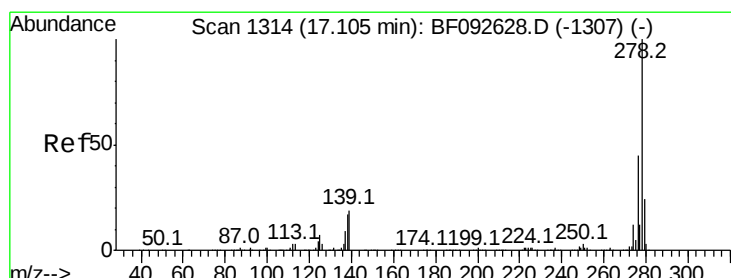
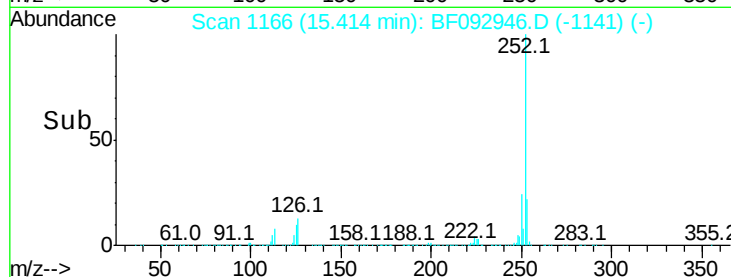
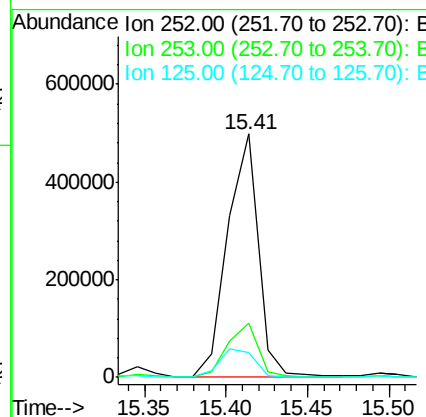
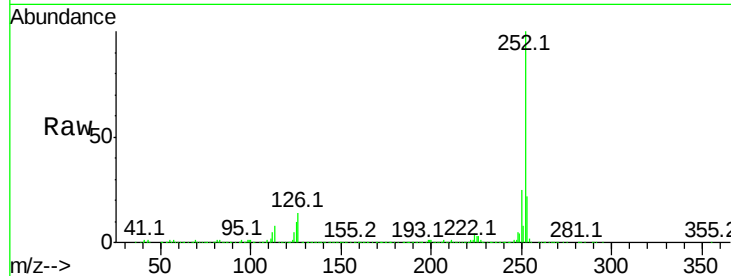




#89
Benzo(a)pyrene
Concen: 38.09 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

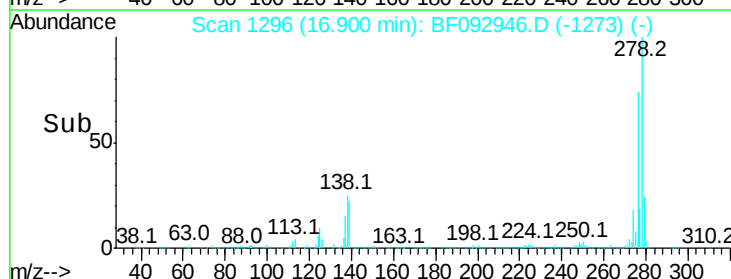
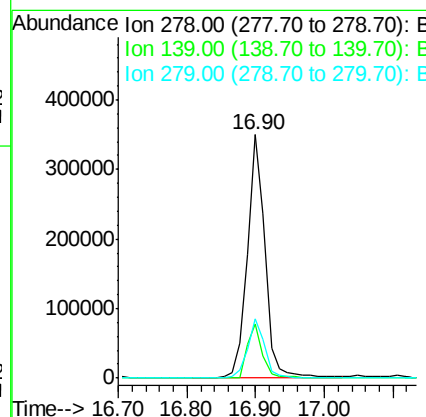
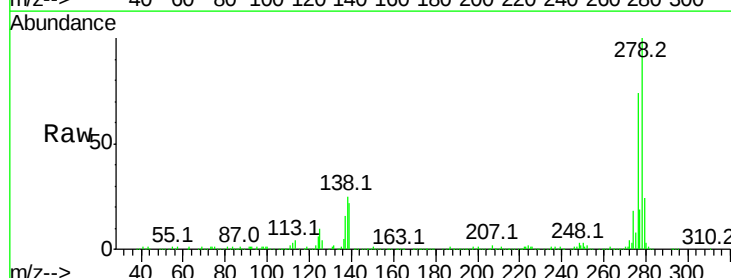
Instrument :
BNA_F
ClientSampleId :

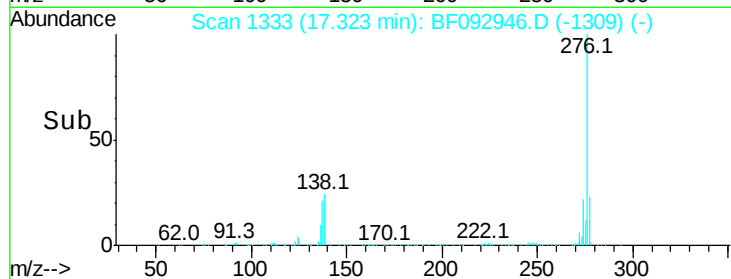
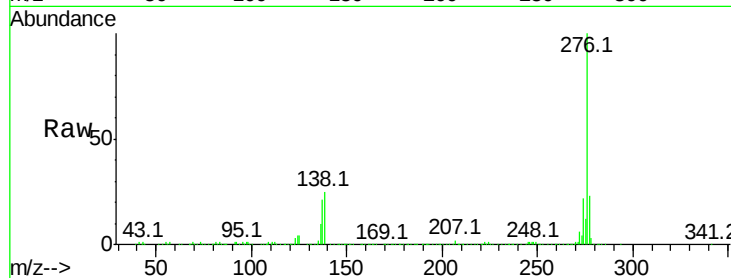
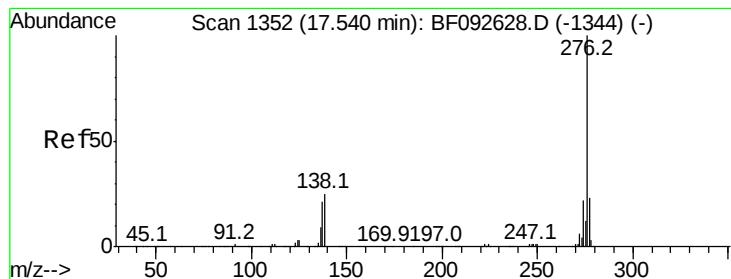
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.4	10.0	15.0



#90
Dibenzo(a,h)anthracene
Concen: 44.94 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	14.8	22.2
279	24.2	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 48.44 ng

RT: 17.32 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 676232

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 24.7 16.0 24.0#

