

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
 Data File : BF094513.D
 Acq On : 19 Apr 2017 13:40
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 03:03:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	129304	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	526256	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	238213	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	454217	20.00	ng	0.00
75) Chrysene-d12	14.47	240	416895	20.00	ng	0.00
86) Perylene-d12	16.09	264	369138	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.32	112	638769	81.96	ng	0.02
7) Phenol-d6	5.40	99	735868	80.09	ng	0.00
23) Nitrobenzene-d5	6.42	82	664231	77.94	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	159462	85.58	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1201839	74.23	ng	0.00
78) Terphenyl-d14	13.20	244	1200792	76.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.10	88	190210	41.96	ng	95
3) Pyridine	2.62	79	406029	40.99	ng	98
4) n-Nitrosodimethylamine	2.57	42	157039	38.31	ng	87
6) Aniline	5.40	93	488769	40.03	ng	92
8) 2-Chlorophenol	5.54	128	367295	41.41	ng	98
9) Benzaldehyde	5.27	77	240251	34.37	ng	99
10) Phenol	5.41	94	464290	41.13	ng	98
11) bis(2-Chloroethyl)ether	5.48	93	337671	40.95	ng	98
12) 1,3-Dichlorobenzene	5.71	146	384045	39.09	ng	98
13) 1,4-Dichlorobenzene	5.79	146	385794	39.03	ng	95
14) 1,2-Dichlorobenzene	5.97	146	353467	38.82	ng	96
15) Benzyl Alcohol	5.95	79	265894	39.01	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	429285	39.71	ng	63
17) 2-Methylphenol	6.10	107	270082	38.67	ng	94
18) Hexachloroethane	6.35	117	134052	39.56	ng	# 86
19) n-Nitroso-di-n-propylamine	6.26	70	242551	39.84	ng	96
20) 3+4-Methylphenols	6.28	107	380462	40.08	ng	# 63
22) Acetophenone	6.25	105	502151	39.24	ng	# 86
24) Nitrobenzene	6.44	77	351299	39.14	ng	96
25) Isophorone	6.73	82	659099	41.72	ng	96
26) 2-Nitrophenol	6.82	139	206098	42.74	ng	99
27) 2,4-Dimethylphenol	6.90	122	317776	40.57	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	424243	41.51	ng	99
29) 2,4-Dichlorophenol	7.12	162	301584	41.39	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	289948	38.49	ng	97
31) Naphthalene	7.30	128	967838	38.26	ng	100
32) Benzoic acid	7.08	122	196314	47.40	ng	94
33) 4-Chloroaniline	7.37	127	420582	39.96	ng	94
34) Hexachlorobutadiene	7.45	225	151587	40.36	ng	99
35) Caprolactam	7.82	113	82337	35.97	ng	95
36) 4-Chloro-3-methylphenol	8.00	107	306020	40.08	ng	95
37) 2-Methylnaphthalene	8.13	142	690531	39.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	278721	41.09	ng	99
40) Hexachlorocyclopentadiene	8.32	237	118082	43.03	ng	99

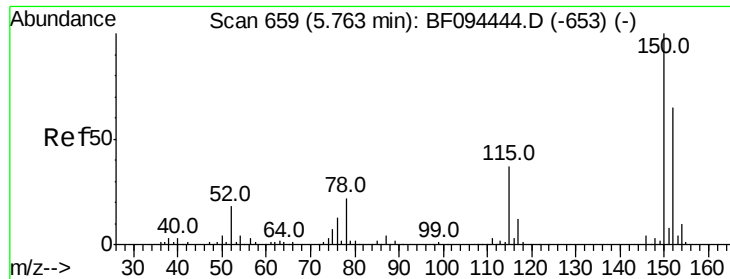
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
 Data File : BF094513.D
 Acq On : 19 Apr 2017 13:40
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 03:03:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	196313	41.21	nq	100
43) 2,4,5-Trichlorophenol	8.55	196	192063	39.26	nq	93
45) 1,1'-Biphenyl	8.71	154	744025	38.23	nq	98
46) 2-Chloronaphthalene	8.72	162	589791	38.11	nq	93
47) 2-Nitroaniline	8.86	65	179964	40.42	nq	87
48) Acenaphthylene	9.23	152	923540	38.28	nq	99
49) Dimethylphthalate	9.10	163	714939	40.27	nq	100
50) 2,6-Dinitrotoluene	9.17	165	162477	40.78	nq	89
51) Acenaphthene	9.44	154	558902	38.68	nq	99
52) 3-Nitroaniline	9.37	138	179099	38.85	nq	89
53) 2,4-Dinitrophenol	9.51	184	85131	42.30	nq	# 70
54) Dibenzofuran	9.65	168	831135	39.58	nq	100
55) 4-Nitrophenol	9.62	139	116131	35.66	nq	# 67
56) 2,4-Dinitrotoluene	9.67	165	208350	42.61	nq	92
57) Fluorene	10.08	166	648524	39.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	148513	42.36	nq	96
59) Diethylphthalate	9.97	149	691980	41.31	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	282171	41.46	nq	93
61) 4-Nitroaniline	10.12	138	172863	36.88	nq	95
62) Azobenzene	10.28	77	669589	41.17	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	123541	41.51	nq	# 72
65) n-Nitrosodiphenylamine	10.24	169	595279	37.68	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	173452	38.46	nq	94
67) Hexachlorobenzene	10.75	284	176185	38.76	nq	# 88
68) Atrazine	10.91	200	186629	39.49	nq	97
69) Pentachlorophenol	11.01	266	82435	45.68	nq	97
70) Phenanthrene	11.25	178	971961	38.00	nq	99
71) Anthracene	11.31	178	1026144	38.78	nq	99
72) Carbazole	11.52	167	975607	39.29	nq	97
73) Di-n-butylphthalate	11.97	149	1197906	43.81	nq	99
74) Fluoranthene	12.71	202	1090895	41.15	nq	98
76) Benzidine	12.88	184	629806	37.31	nq	# 95
77) Pyrene	12.99	202	1089845	37.42	nq	99
79) Butylbenzylphthalate	13.81	149	533997	41.83	nq	# 87
80) Benzo(a)anthracene	14.46	228	947702	39.11	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	341295	39.79	nq	# 96
82) Chrysene	14.50	228	853187	38.53	nq	100
83) Bis(2-ethylhexyl)phthalate	14.52	149	739310	43.14	nq	# 99
84) Di-n-octyl phthalate	15.28	149	1247620	43.40	nq	98
85) Indeno(1,2,3-cd)pyrene	17.37	276	811339	38.51	nq	100
87) Benzo(b)fluoranthene	15.69	252	861480	38.15	nq	99
88) Benzo(k)fluoranthene	15.72	252	761316	35.63	nq	# 94
89) Benzo(a)pyrene	16.04	252	822679	39.16	nq	99
90) Dibenzo(a,h)anthracene	17.38	278	671905	38.52	nq	98
91) Benzo(g,h,i)perylene	17.74	276	658117	37.06	nq	98

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

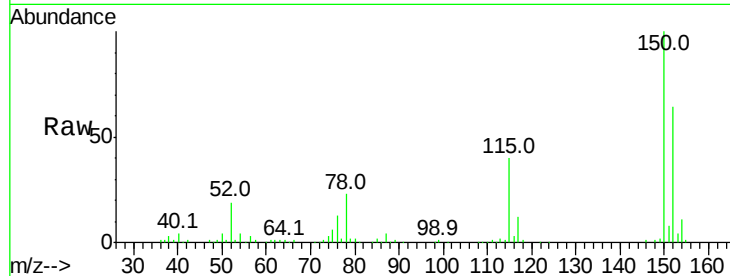


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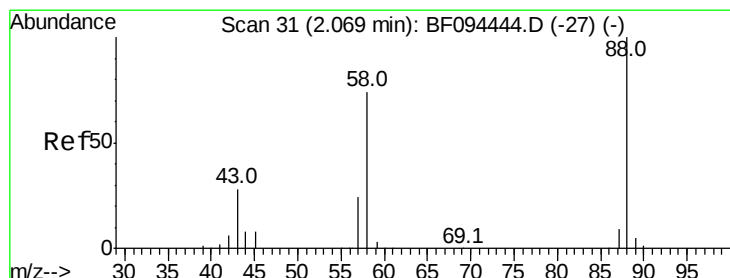
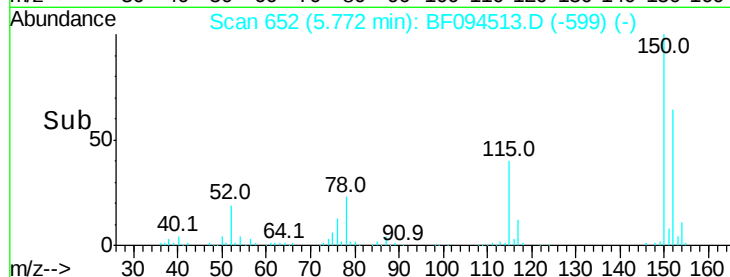
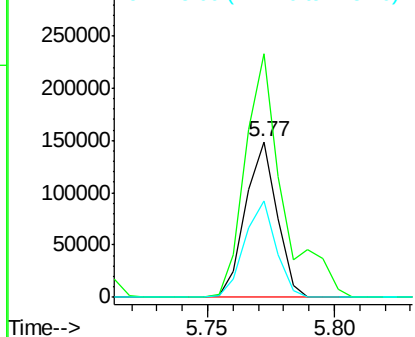
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129304
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 61.8 52.2 78.2



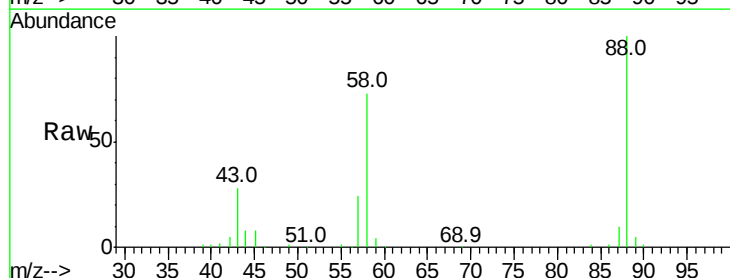
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



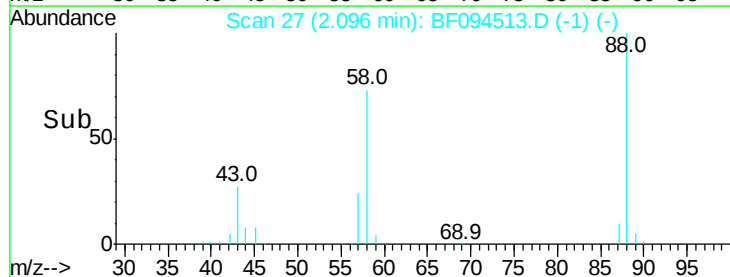
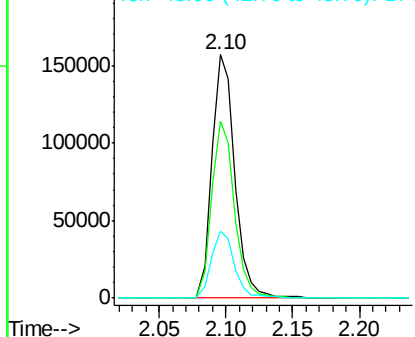
#2

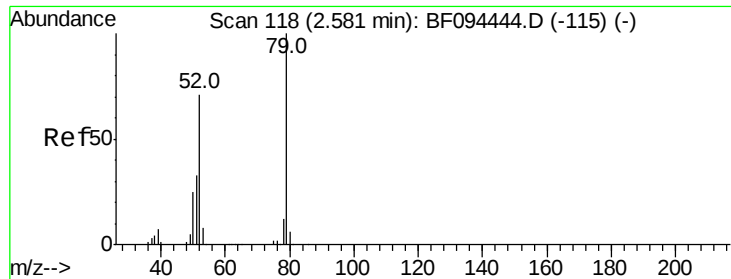
1,4-Dioxane
Concen: 41.96 ng
RT: 2.10 min Scan# 27
Delta R.T. 0.03 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Tgt Ion: 88 Resp: 190210
Ion Ratio Lower Upper
88 100
58 71.7 61.4 92.0
43 27.7 23.4 35.0



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

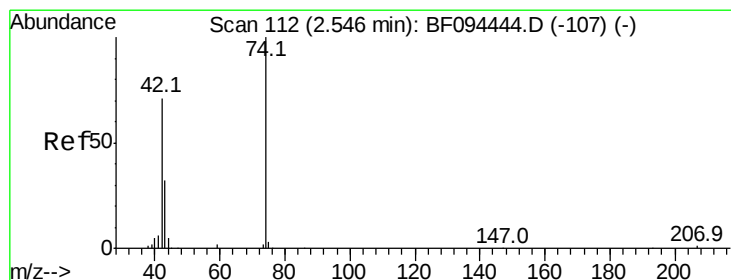
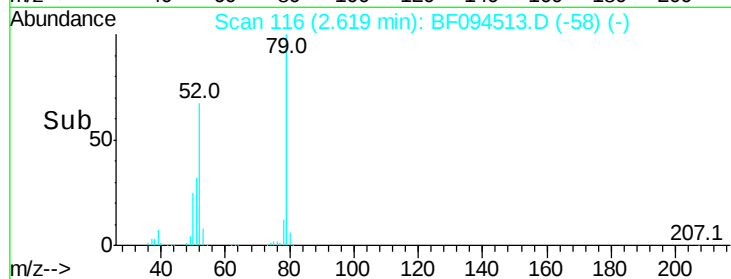
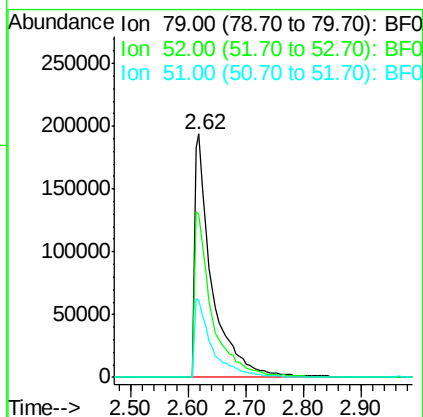
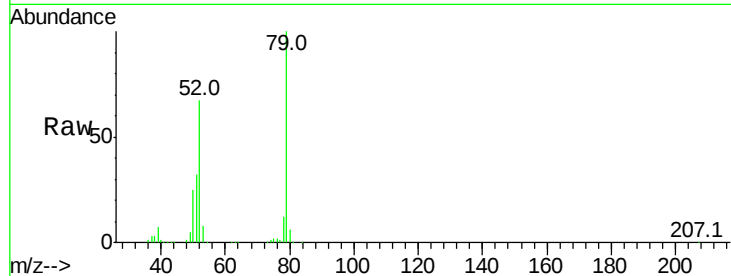




#3
 Pvridine
 Concen: 40.99 ng
 RT: 2.62 min Scan# 116
 Delta R.T. 0.04 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

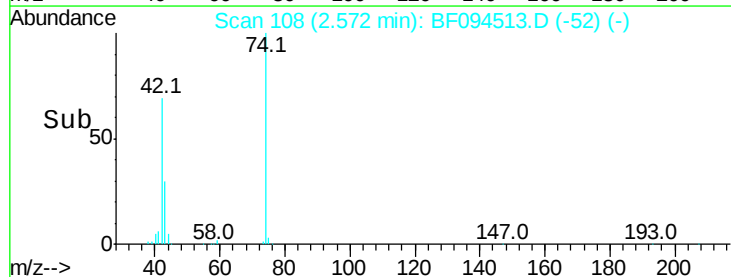
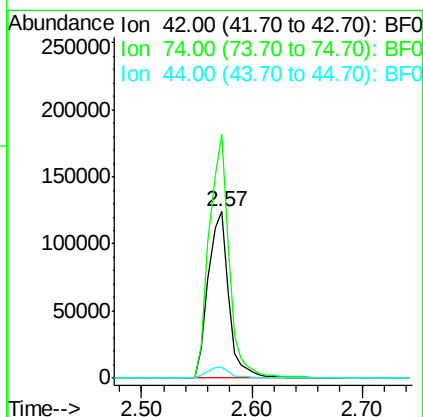
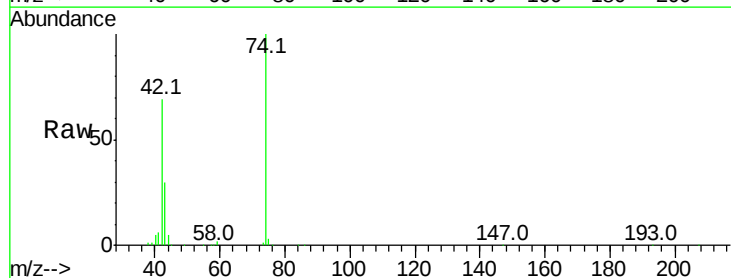
Instrument :
 BNA_F
 ClientSampleId :

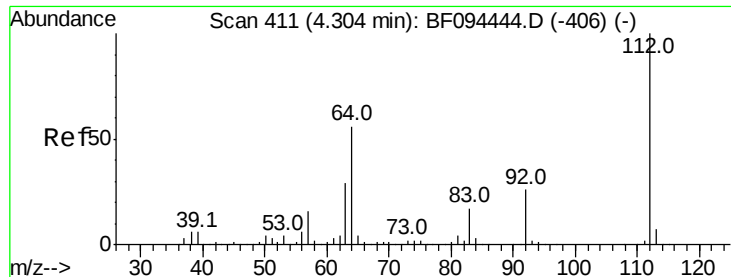
Tot Ion: 79 Resp: 406029
 Ion Ratio Lower Upper
 79 100
 52 67.2 54.8 82.2
 51 31.7 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 38.31 ng
 RT: 2.57 min Scan# 108
 Delta R.T. 0.03 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion: 42 Resp: 157039
 Ion Ratio Lower Upper
 42 100
 74 146.0 103.9 155.9
 44 6.6 5.7 8.5





#5

2-Fluorophenol

Concen: 81.96 ng

RT: 4.32 min Scan# 405

Delta R.T. 0.02 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Instrument :

BNA_F

ClientSampled :

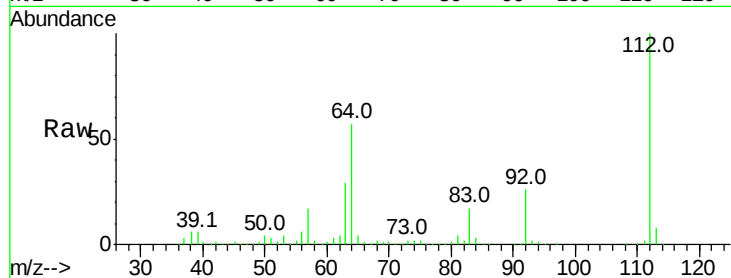
Tot Ion:112 Resp: 638769

Ion Ratio Lower Upper

112 100

64 56.7 46.0 69.0

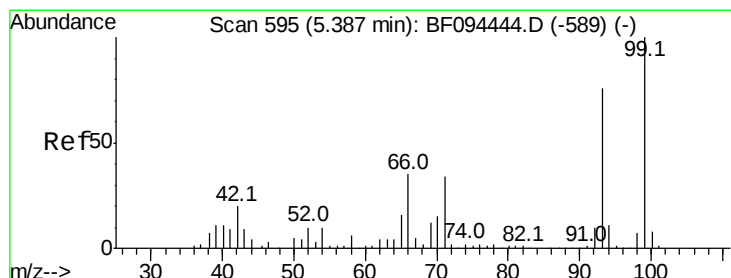
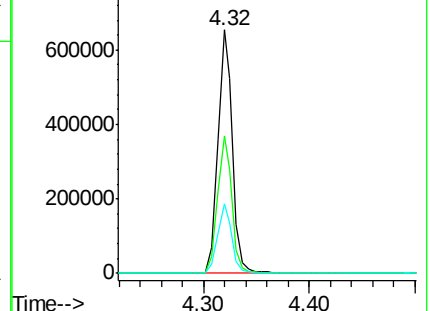
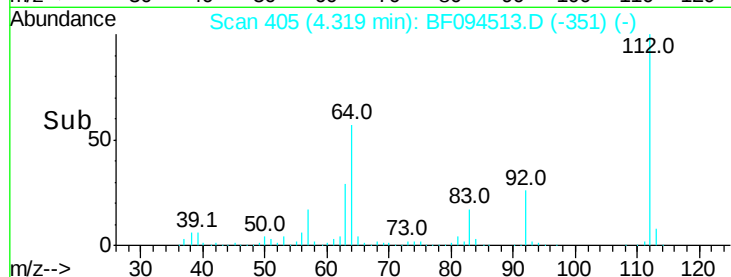
63 28.5 23.4 35.0



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: 40.03 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

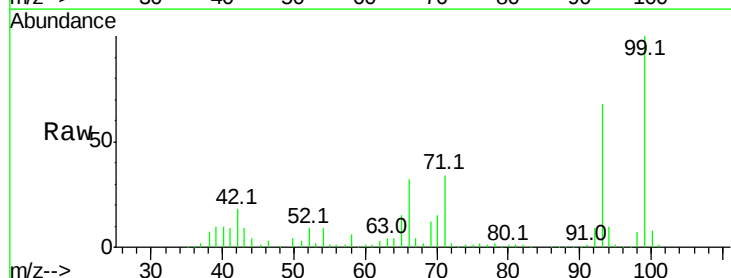
Tgt Ion: 93 Resp: 488769

Ion Ratio Lower Upper

93 100

66 47.4 32.9 49.3

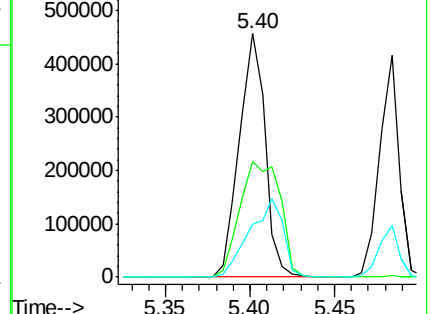
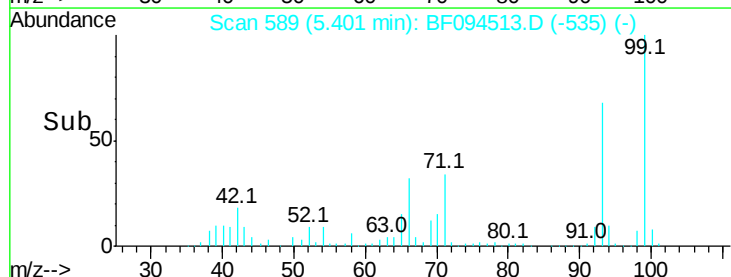
65 21.5 16.0 24.0

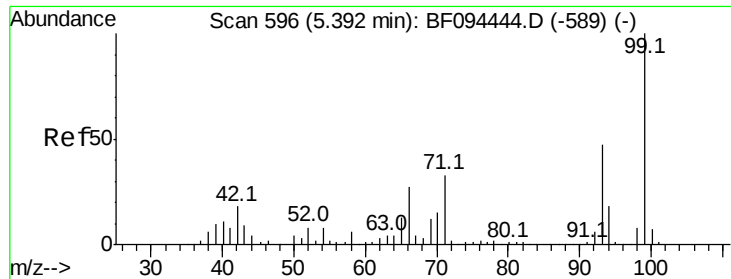


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.09 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Instrument :

BNA_F

ClientSampleId :

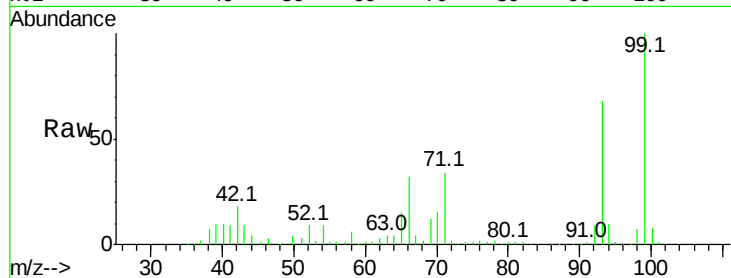
Tot Ion: 99 Resp: 735868

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

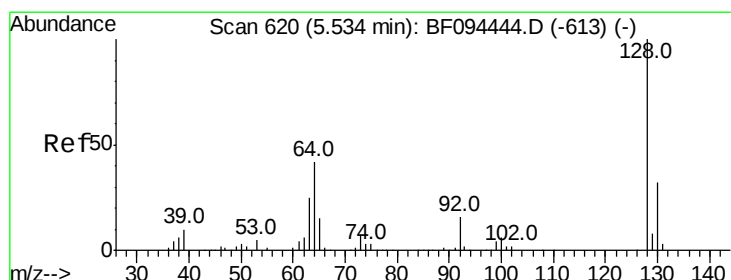
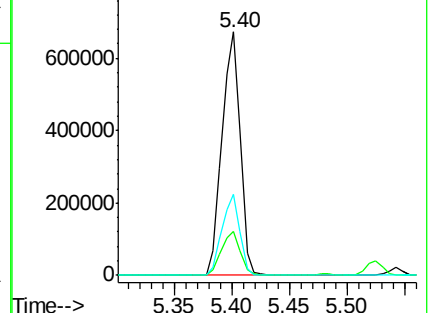
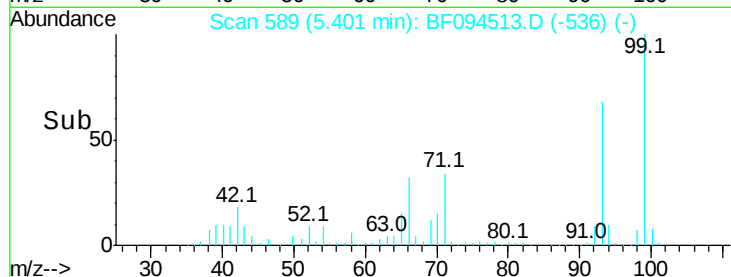
71 33.5 24.5 36.7



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: 41.41 ng

RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

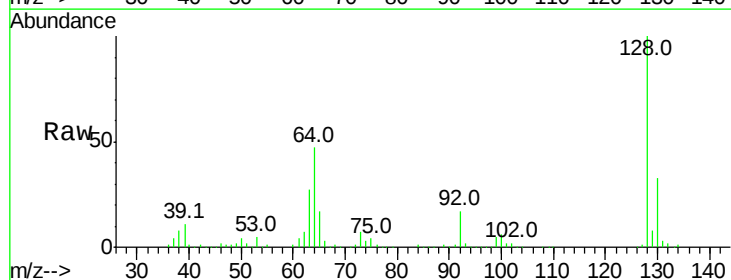
Tgt Ion: 128 Resp: 367295

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

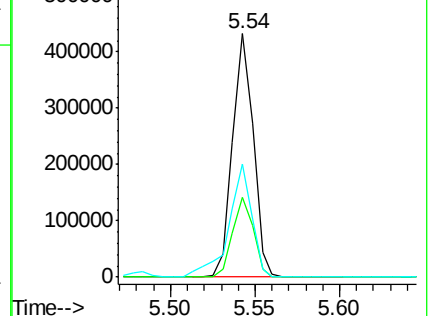
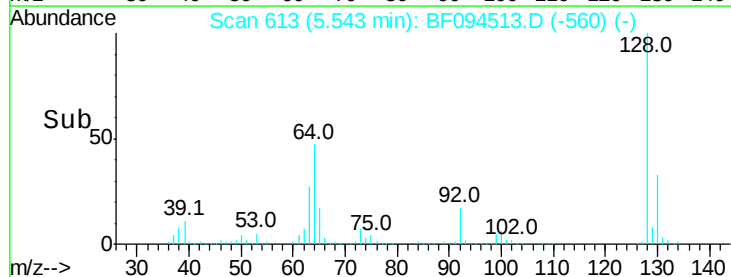
64 46.5 28.4 68.4

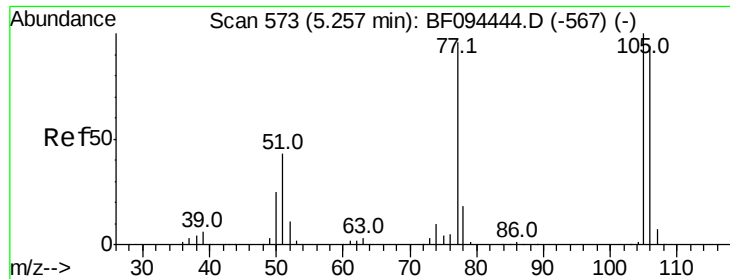


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

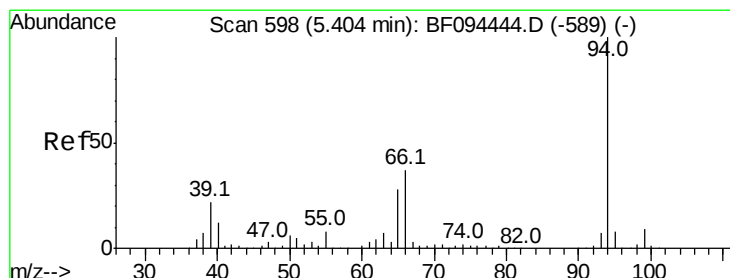
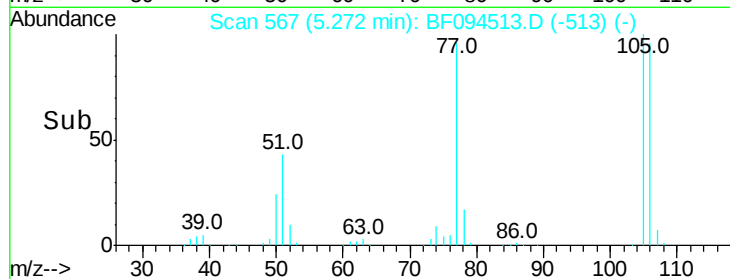
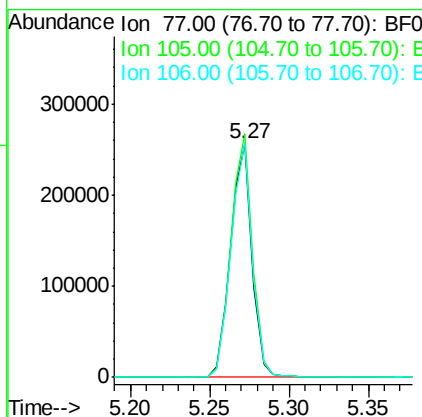
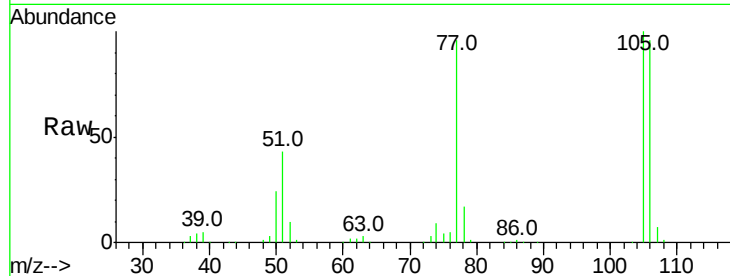




#9
Benzaldehyde
Concen: 34.37 ng
RT: 5.27 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

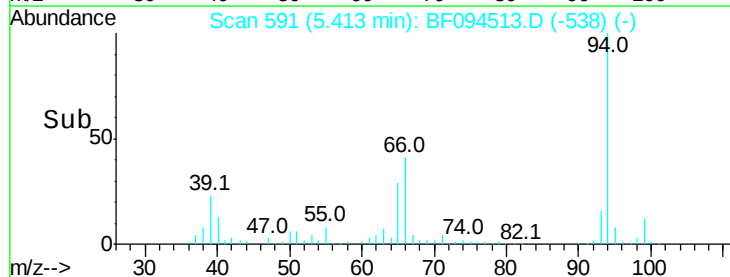
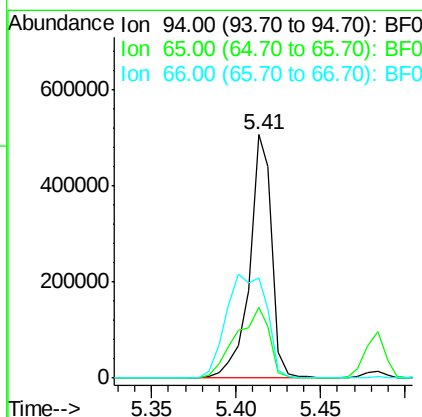
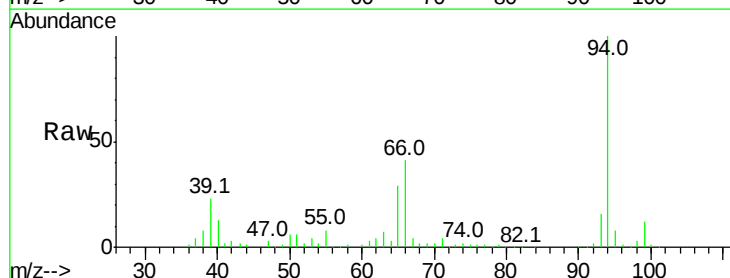
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 240251
Ion Ratio Lower Upper
77 100
105 104.3 83.8 123.8
106 100.3 79.1 119.1



#10
Phenol
Concen: 41.13 ng
RT: 5.41 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Tgt Ion: 94 Resp: 464290
Ion Ratio Lower Upper
94 100
65 29.2 9.9 49.9
66 41.2 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 40.95 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Instrument :

BNA_F

ClientSampled :

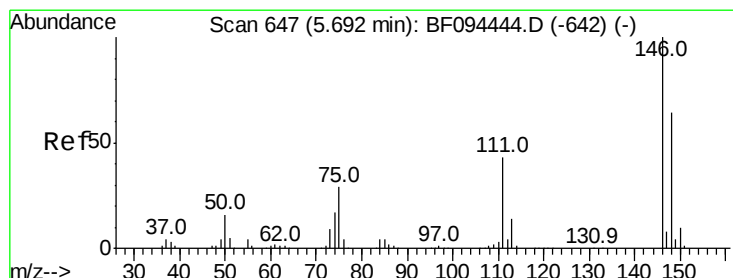
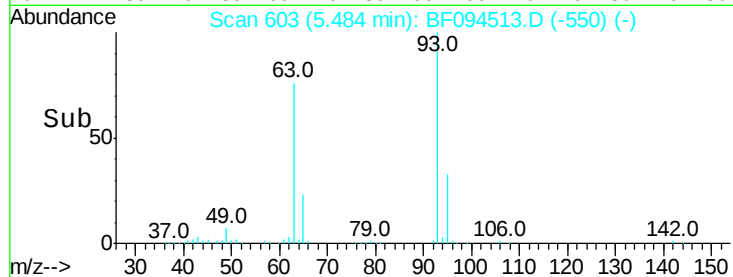
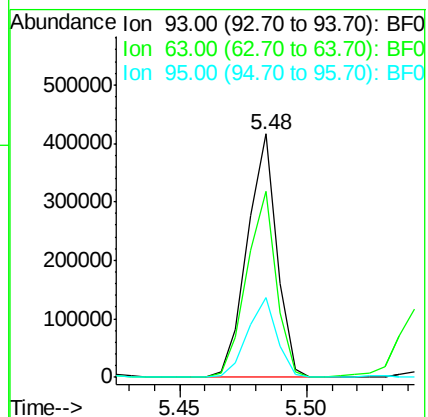
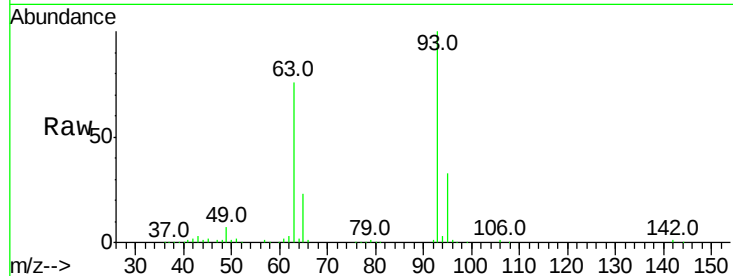
Tot Ion: 93 Resp: 337671

Ion Ratio Lower Upper

93 100

63 76.3 59.2 99.2

95 32.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.09 ng

RT: 5.71 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

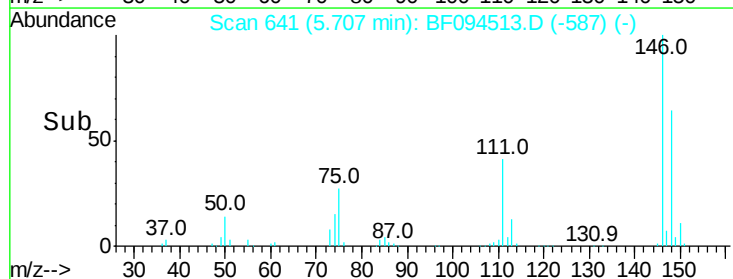
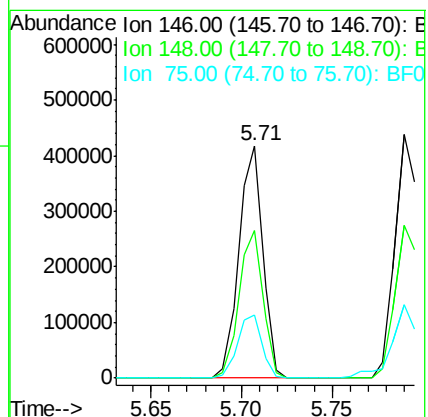
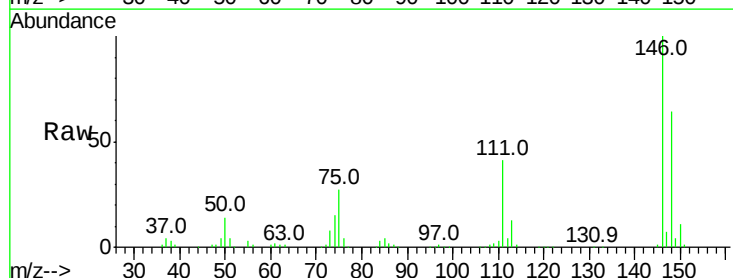
Tgt Ion: 146 Resp: 384045

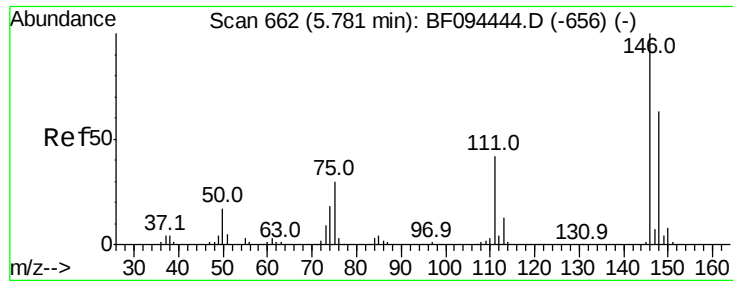
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

75 27.1 23.1 34.7

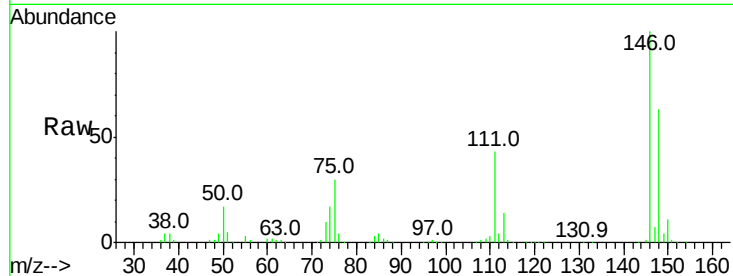




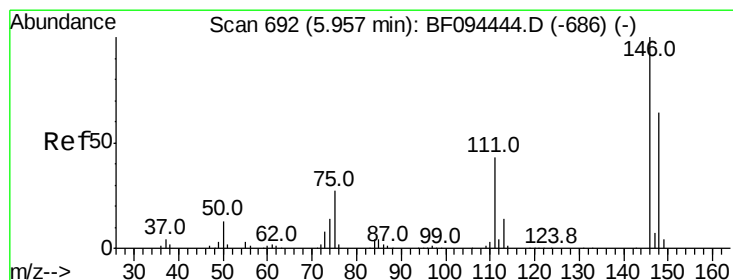
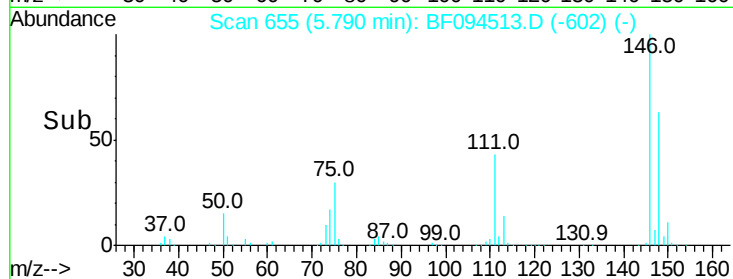
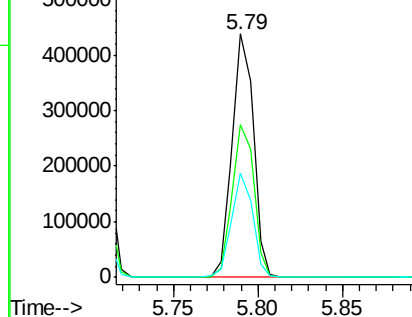
#13
 1,4-Dichlorobenzene
 Concen: 39.03 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 385794
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.2 78.2
 111 42.6 30.3 45.5

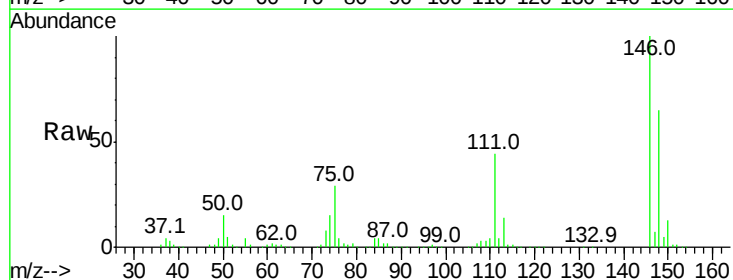


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

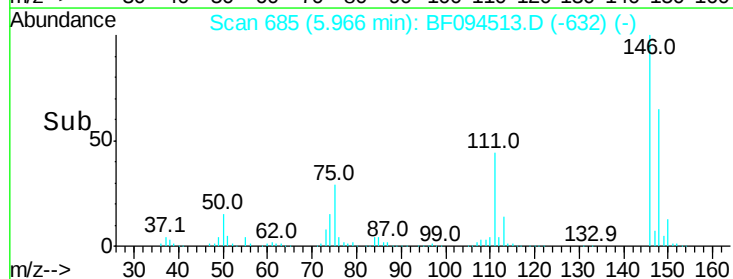
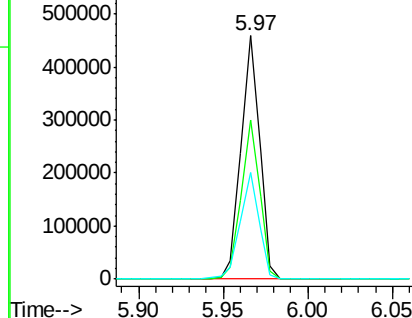


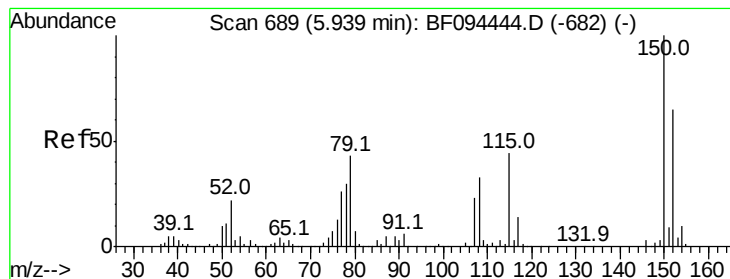
#14
 1,2-Dichlorobenzene
 Concen: 38.82 ng
 RT: 5.97 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion:146 Resp: 353467
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.4 75.6
 111 43.8 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.01 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Instrument :

BNA_F

ClientSampled :

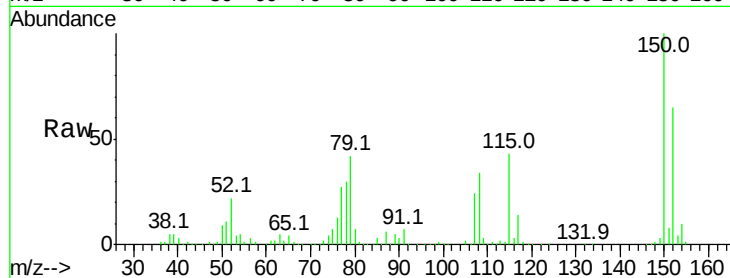
Tot Ion: 79 Resp: 265894

Ion Ratio Lower Upper

79 100

108 79.6 63.4 95.0

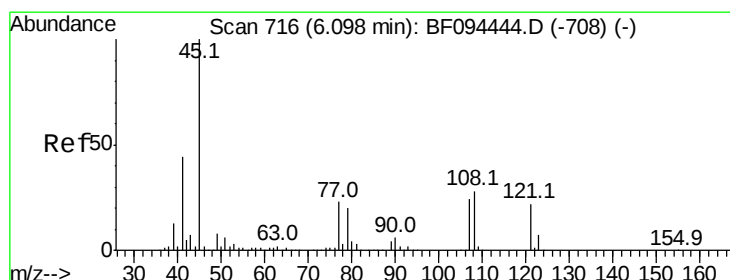
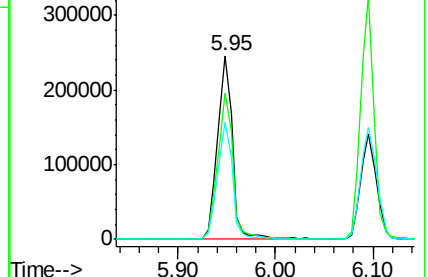
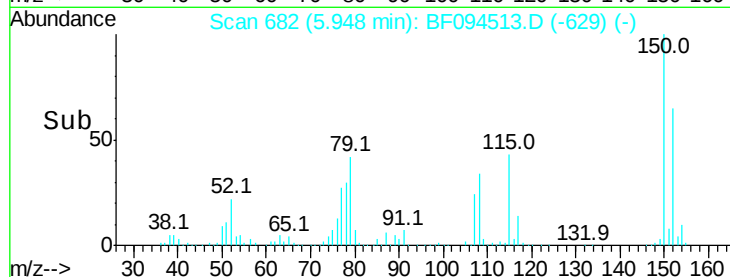
77 63.8 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.71 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

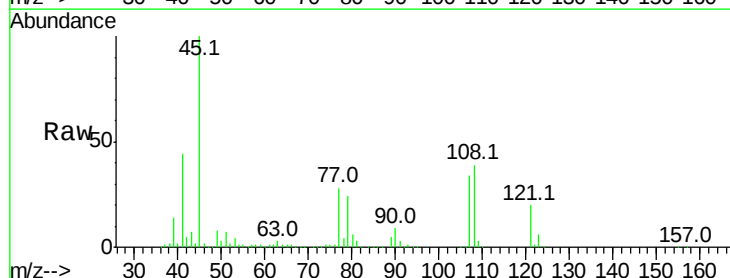
Tgt Ion: 45 Resp: 429285

Ion Ratio Lower Upper

45 100

77 27.7 0.0 33.2

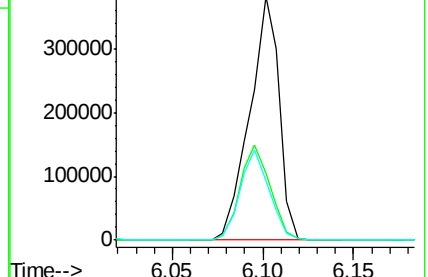
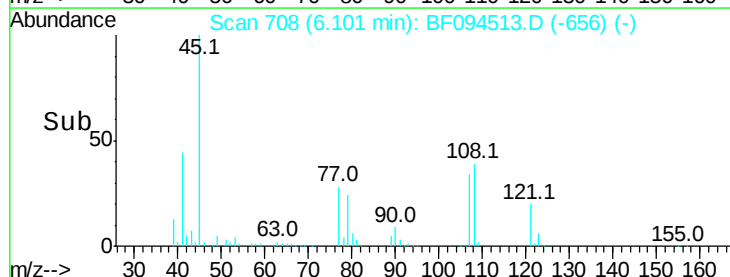
79 24.3 0.0 30.0

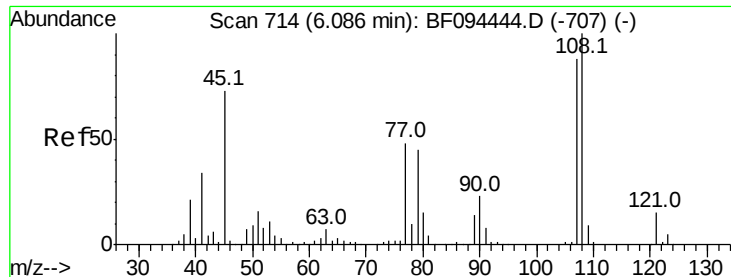


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.67 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 270082

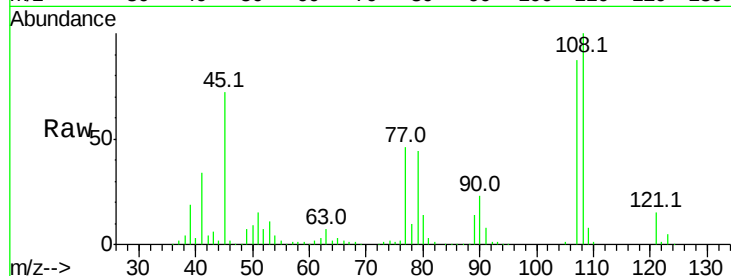
Ion Ratio Lower Upper

107 100

108 115.3 93.4 140.0

77 52.9 35.8 53.6

79 50.2 34.8 52.2

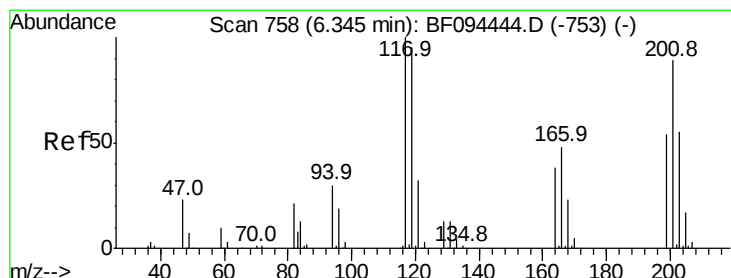
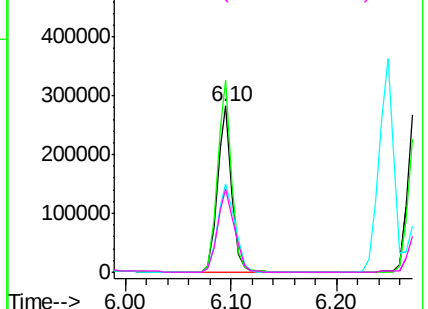
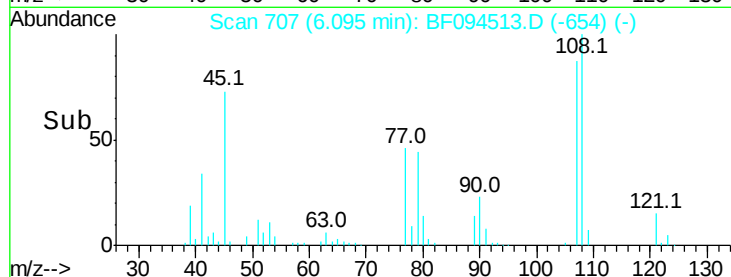


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.56 ng

RT: 6.35 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

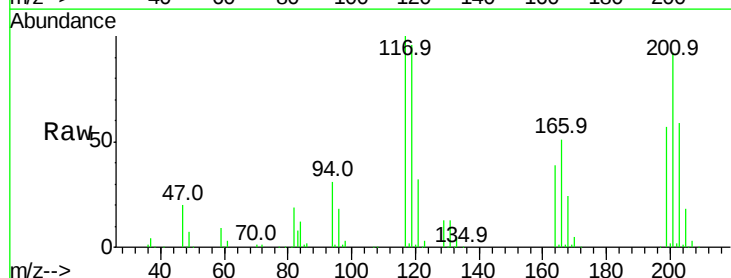
Tgt Ion:117 Resp: 134052

Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.0

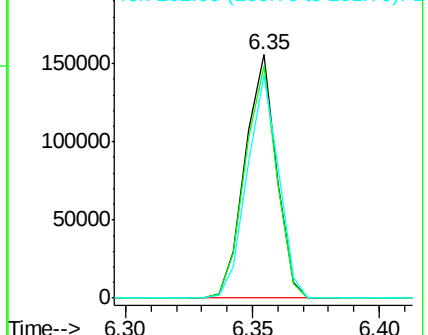
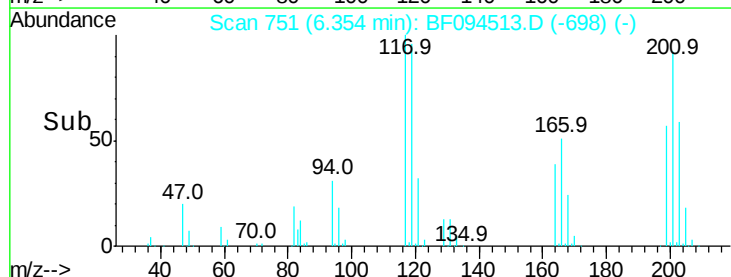
201 91.8 94.6 141.8#

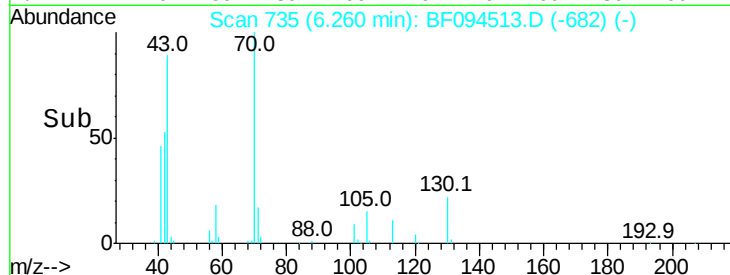
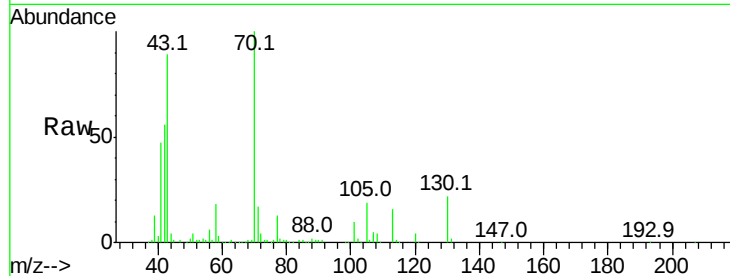
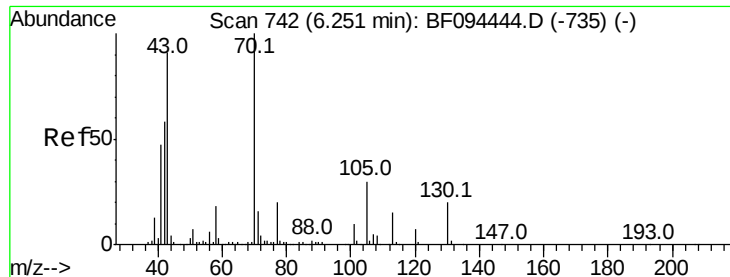


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

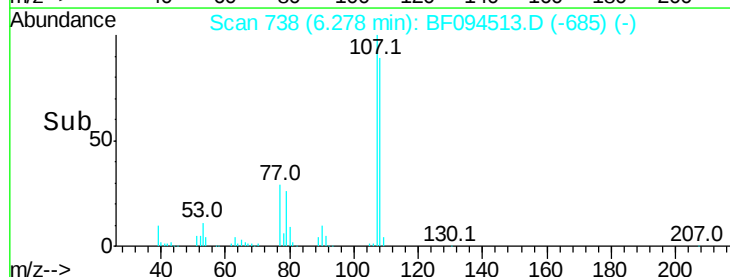
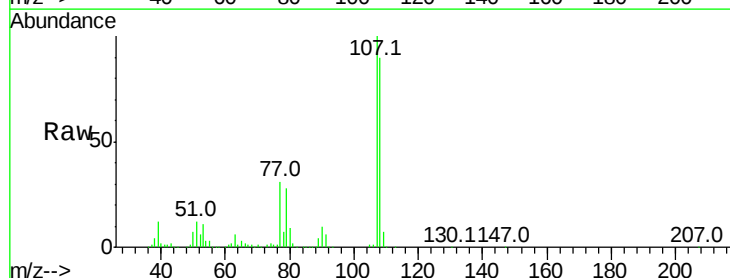
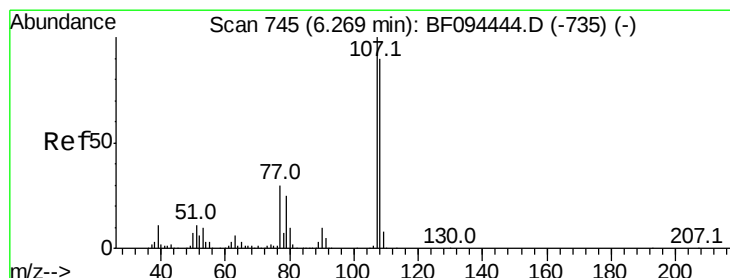
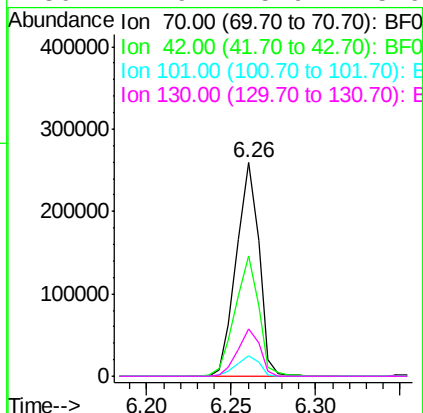




#19
n-Nitroso-di-n-propylamine
Concen: 39.84 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

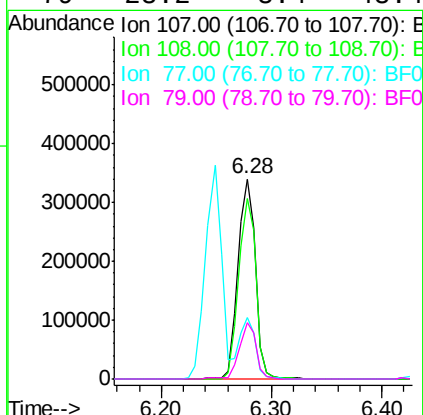
Instrument :
BNA_F
ClientSampleId :

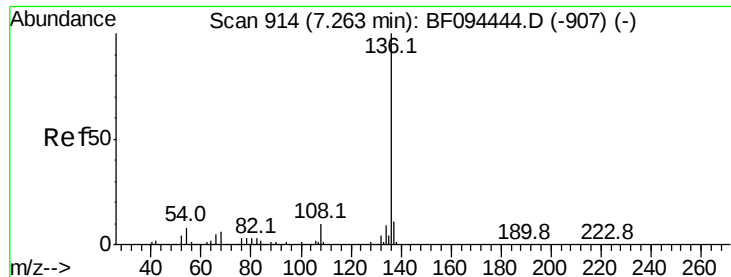
Tot Ion:	70	Resp:	242551
Ion	Ratio	Lower	Upper
70	100		
42	56.0	47.2	70.8
101	9.8	7.2	10.8
130	21.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.08 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Tgt Ion:	107	Resp:	380462
Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.0	111.0
77	30.5	90.5	130.5#
79	28.2	8.4	48.4

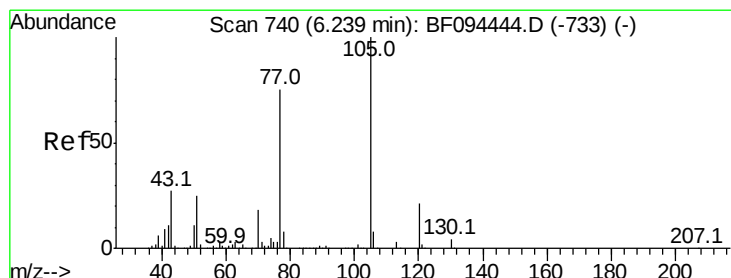
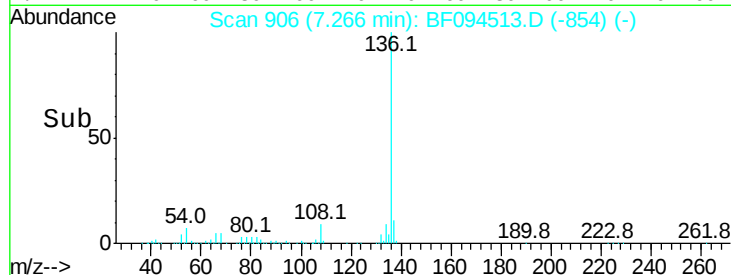
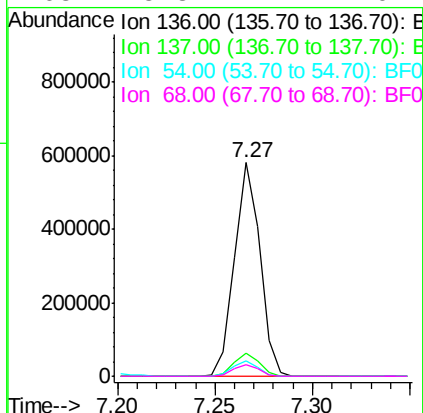
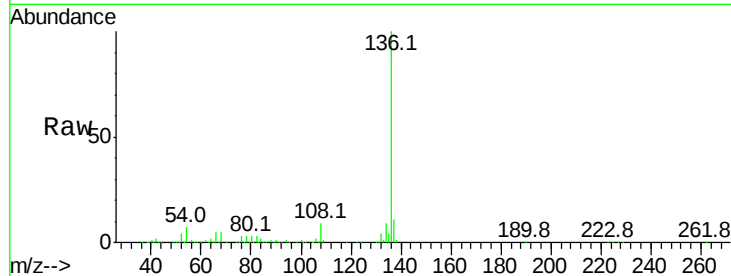




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

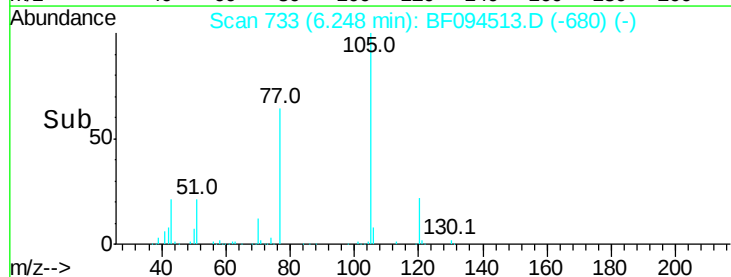
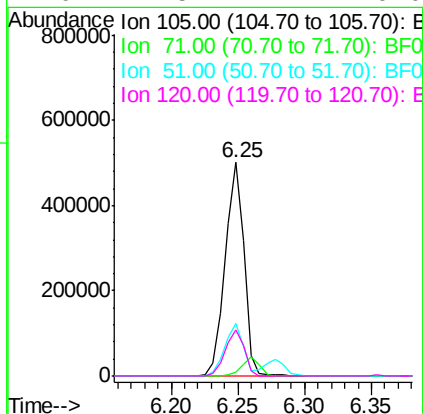
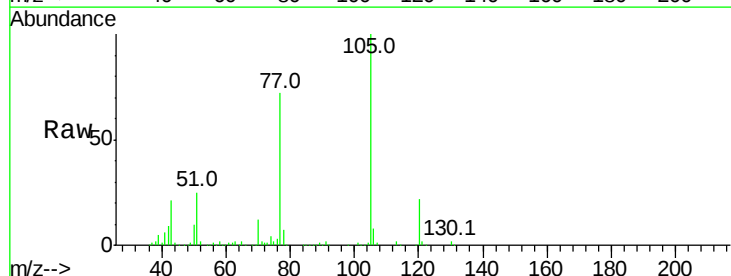
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	526256
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	7.4	4.9 7.3#
68	5.3	4.1 6.1



#22
Acetophenone
Concen: 39.24 ng
RT: 6.25 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Tgt Ion:105	Resp:	502151
Ion Ratio	Lower	Upper
105	100	
71	2.0	2.8 4.2#
51	24.6	30.7 46.1#
120	21.5	17.4 26.0

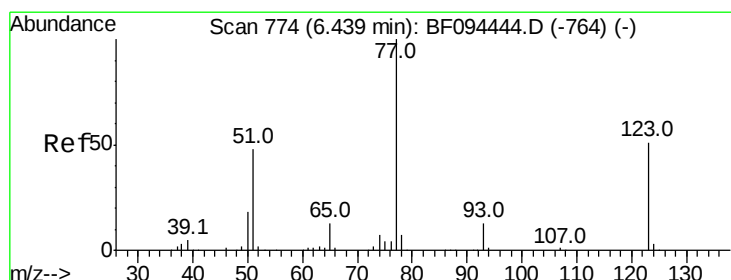
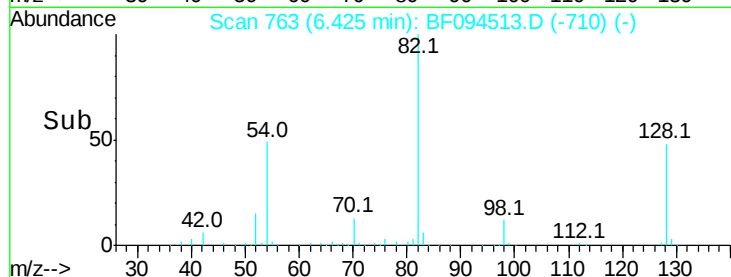
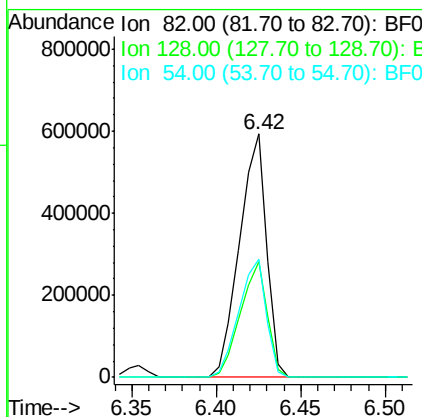
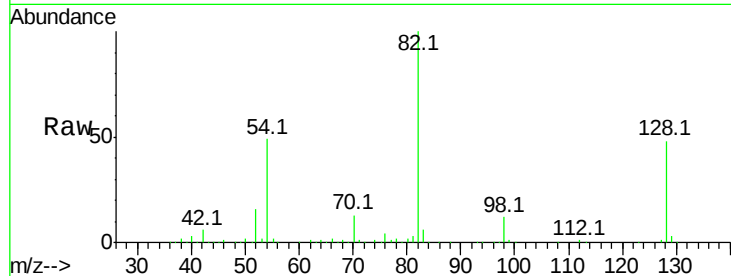




#23
 Nitrobenzene-d5
 Concen: 77.94 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

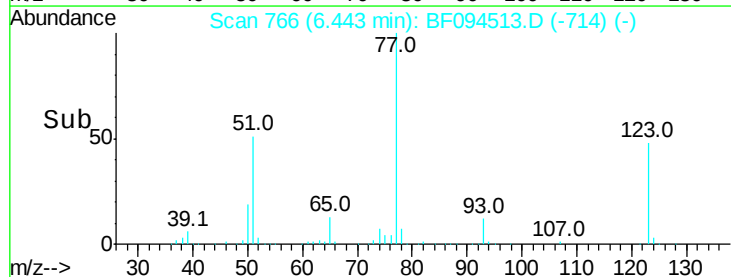
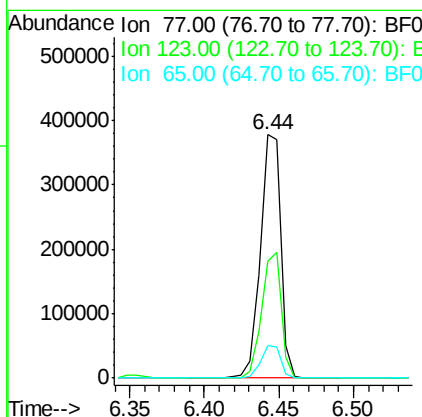
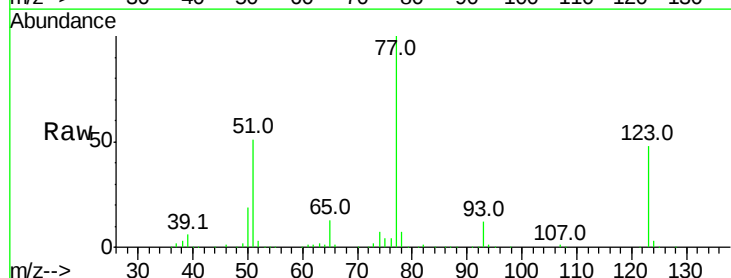
Instrument :
 BNA_F
 ClientSampleId :

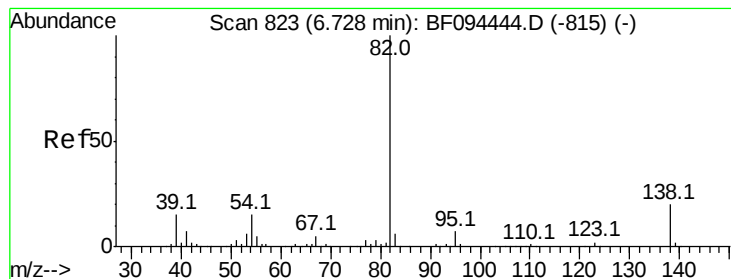
Tot Ion	82	Resp	664231
Ion Ratio	100	Lower	Upper
128	47.5	34.0	51.0
54	48.8	42.2	63.2



#24
 Nitrobenzene
 Concen: 39.14 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion	77	Resp	351299
Ion Ratio	100	Lower	Upper
123	48.0	35.8	53.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 41.72 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Instrument :
BNA_F
ClientSampleId :

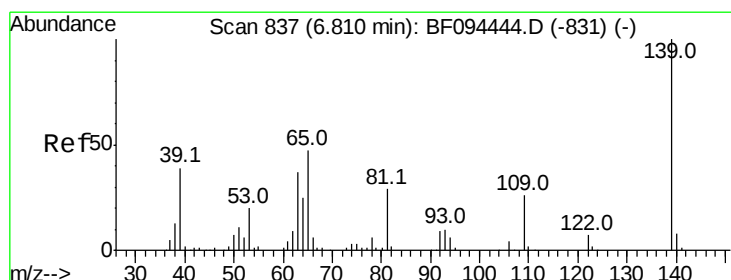
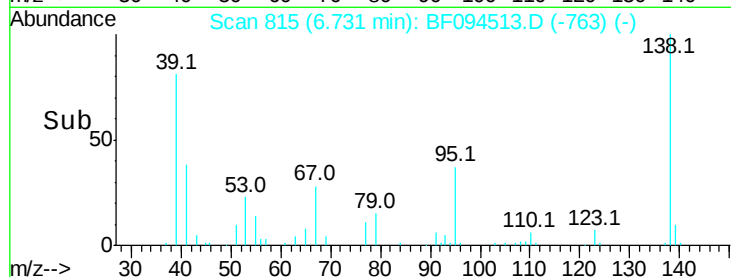
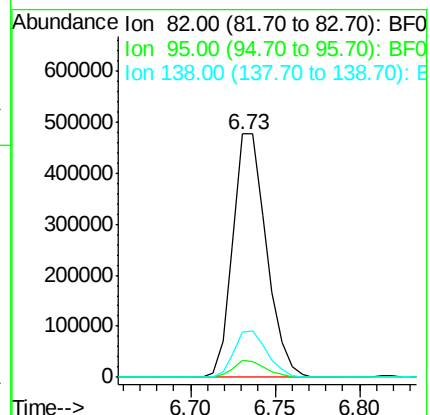
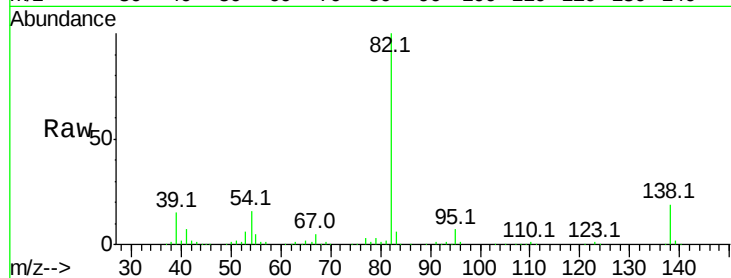
Tot Ion: 82 Resp: 659099

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 42.74 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

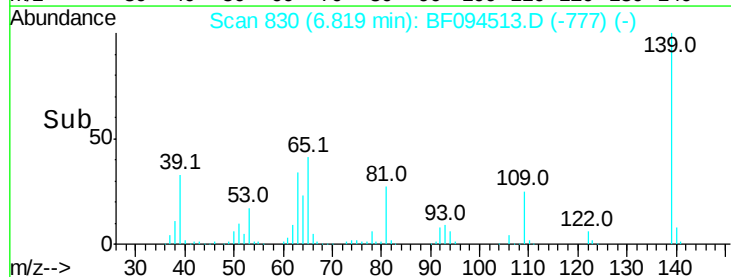
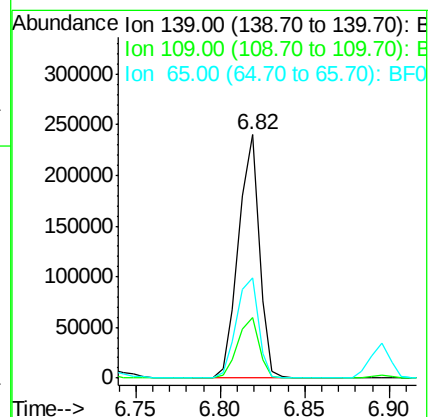
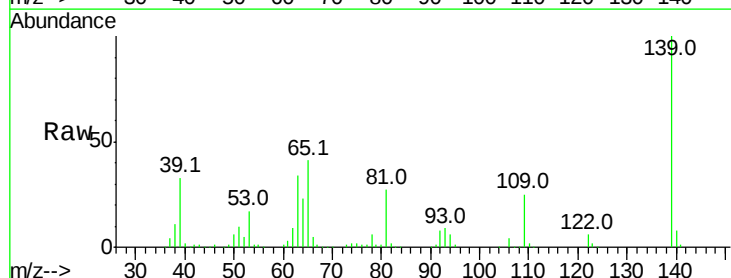
Tgt Ion:139 Resp: 206098

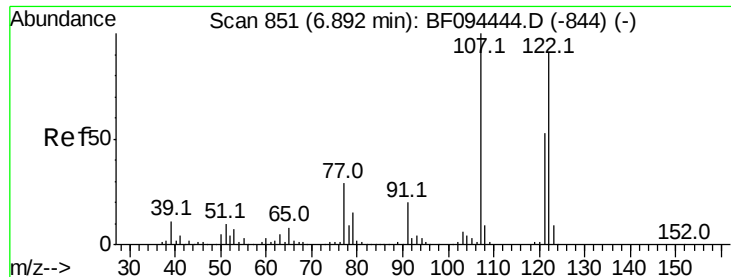
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

65 41.4 33.0 49.6

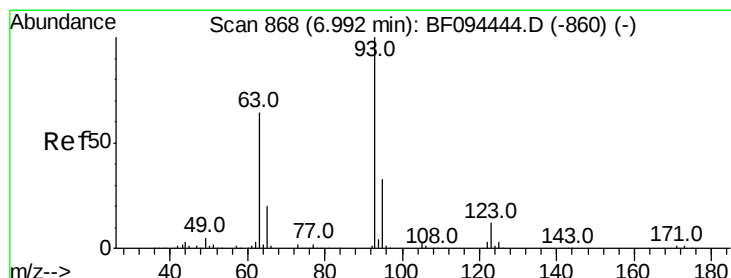
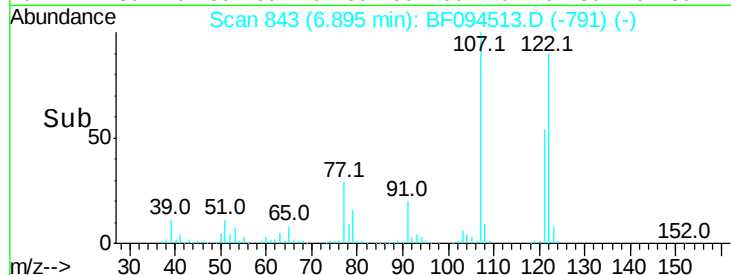
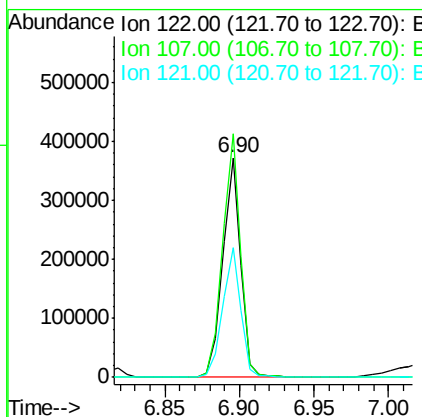
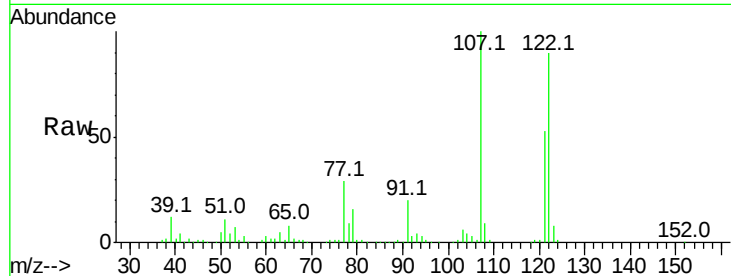




#27
 2,4-Dimethylphenol
 Concen: 40.57 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

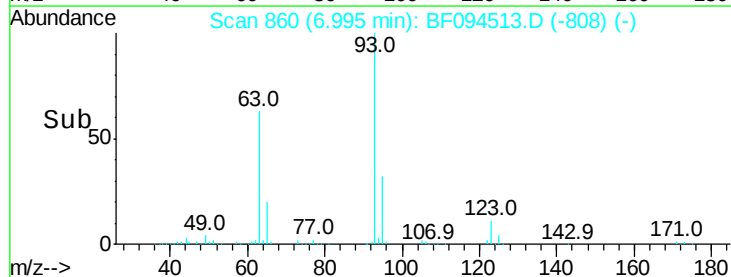
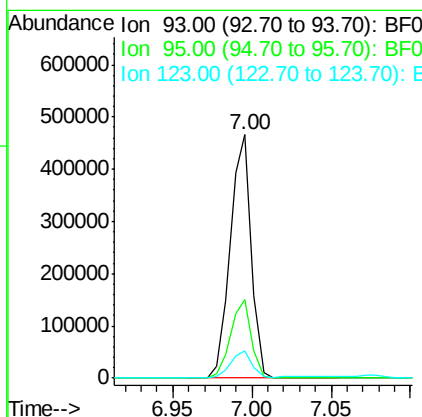
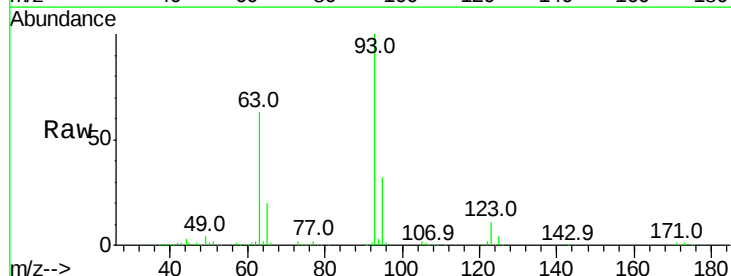
Instrument :
 BNA_F
 ClientSampleId :

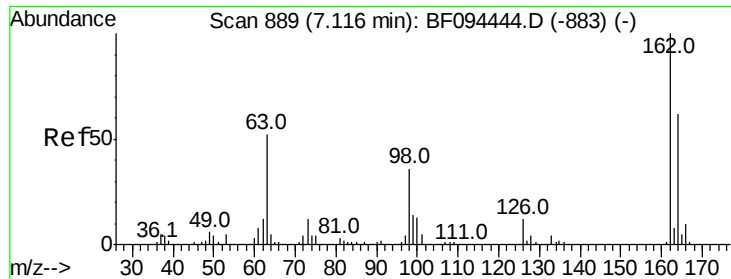
Tot Ion:122 Resp: 317776
 Ion Ratio Lower Upper
 122 100
 107 111.0 89.2 133.8
 121 59.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.51 ng
 RT: 7.00 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion: 93 Resp: 424243
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 11.1 9.0 13.4

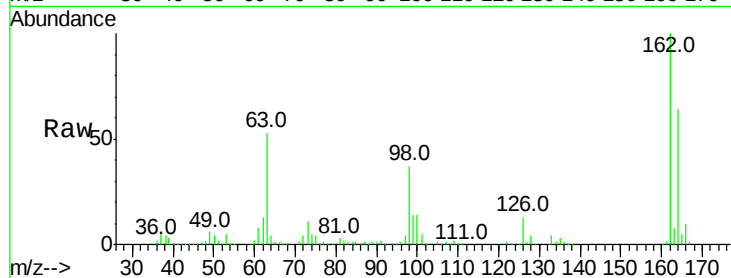




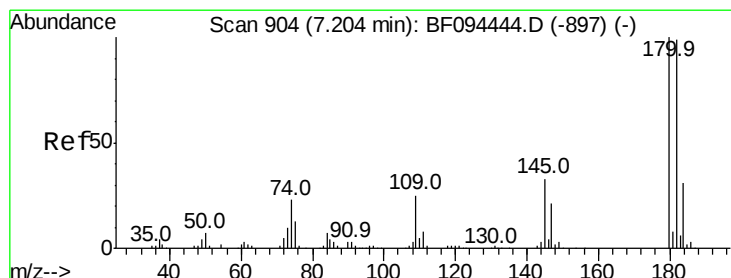
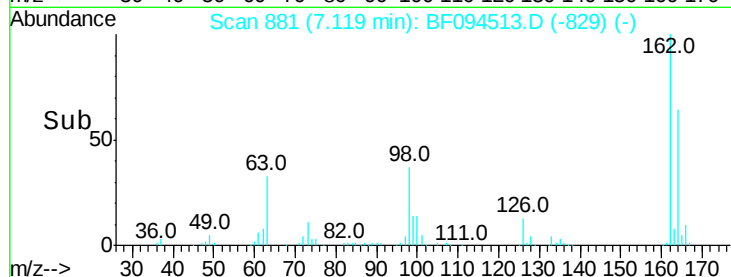
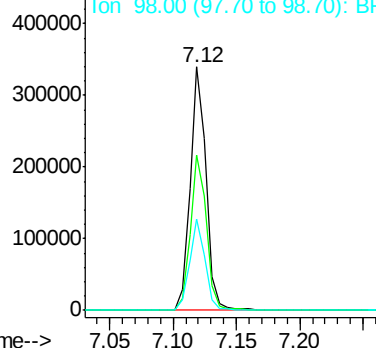
#29
 2,4-Dichlorophenol
 Concen: 41.39 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 301584
 Ion Ratio Lower Upper
 162 100
 164 63.7 44.6 84.6
 98 37.3 14.8 54.8

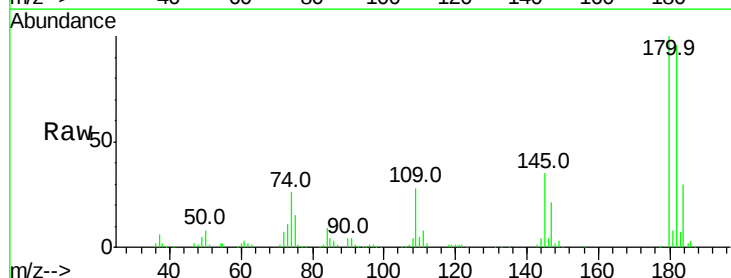


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

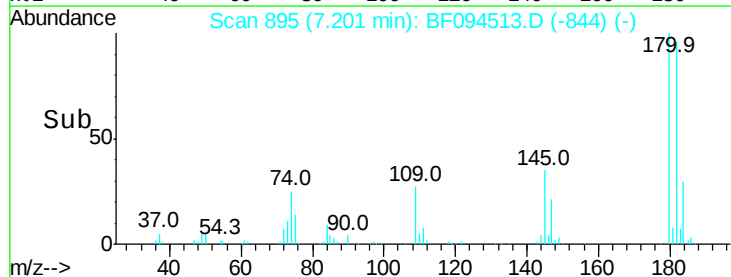
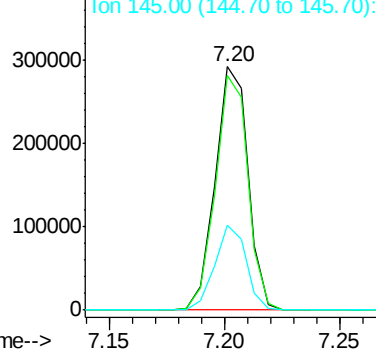


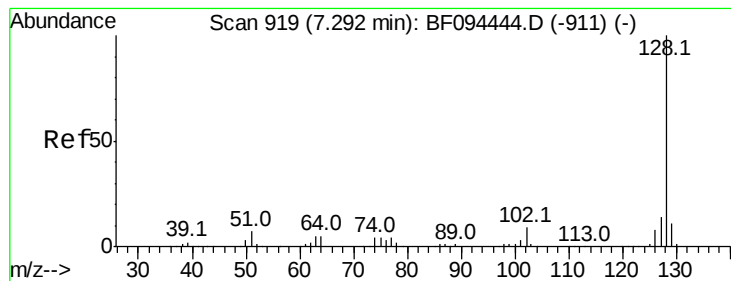
#30
 1,2,4-Trichlorobenzene
 Concen: 38.49 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion:180 Resp: 289948
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.8 113.6
 145 34.7 25.3 37.9



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





#31

Naphthalene

Concen: 38.26 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Instrument :

BNA_F

ClientSampled :

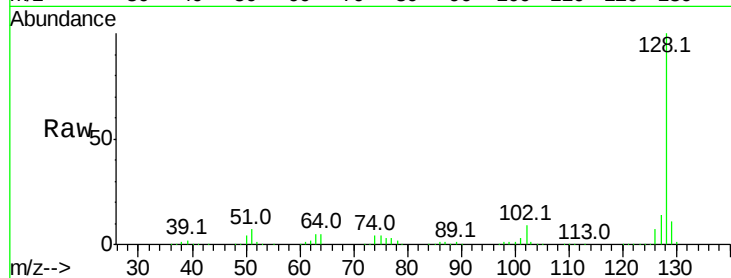
Tot Ion:128 Resp: 967838

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

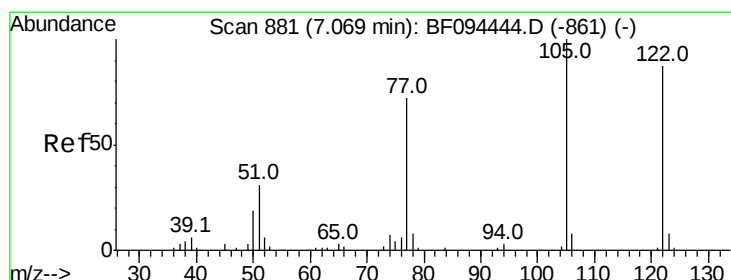
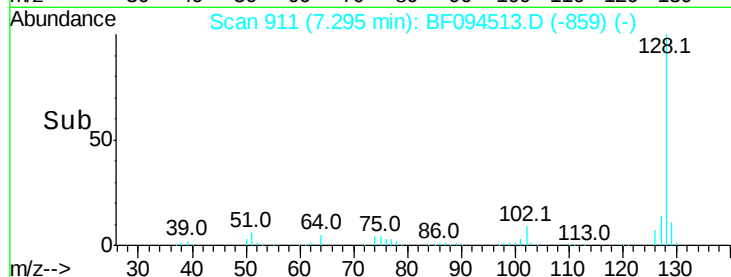
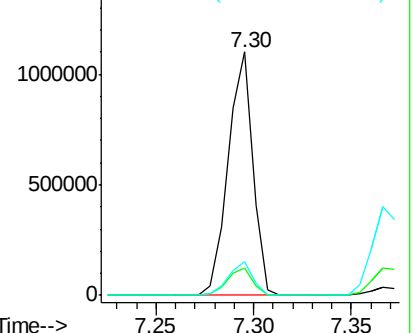
127 13.6 10.8 16.2



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: 47.40 ng

RT: 7.08 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

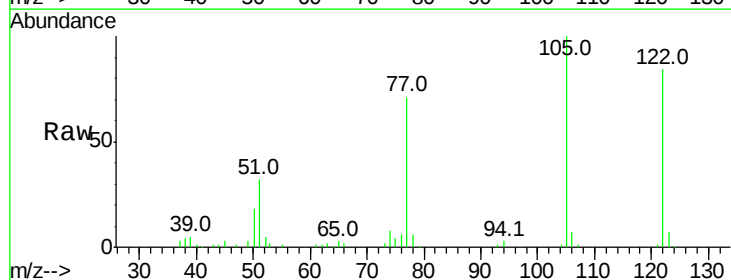
Tgt Ion:122 Resp: 196314

Ion Ratio Lower Upper

122 100

105 119.2 103.3 143.3

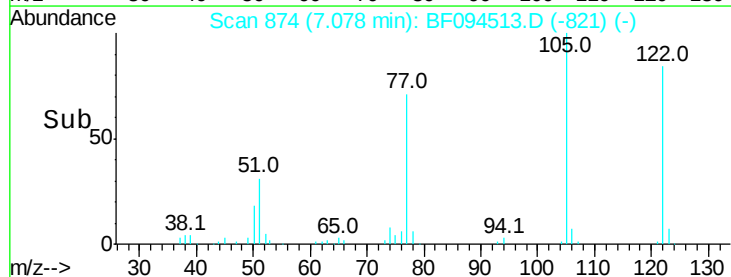
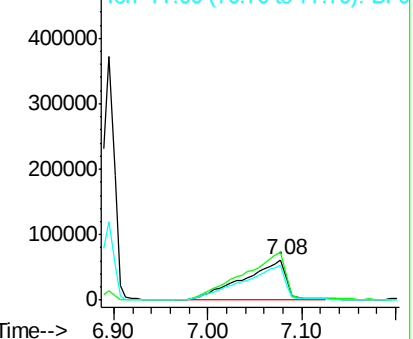
77 85.0 73.7 113.7

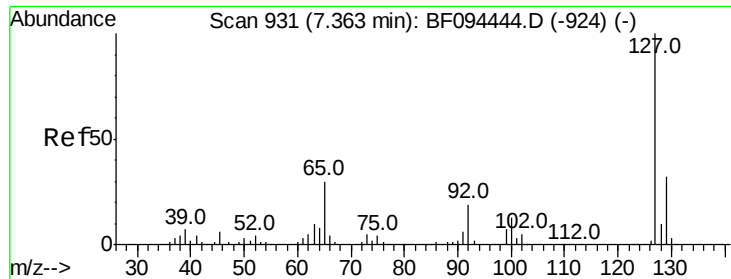


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

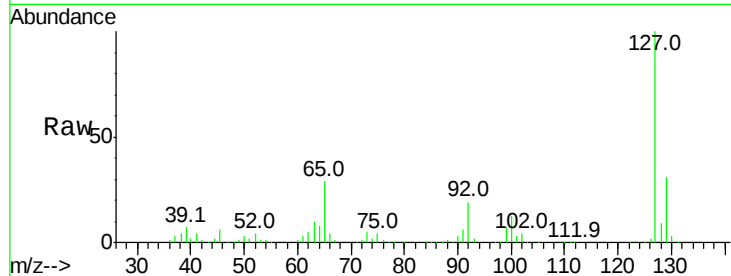




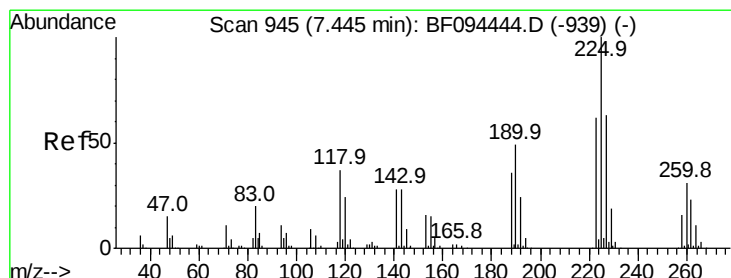
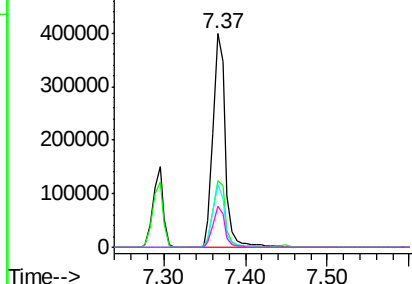
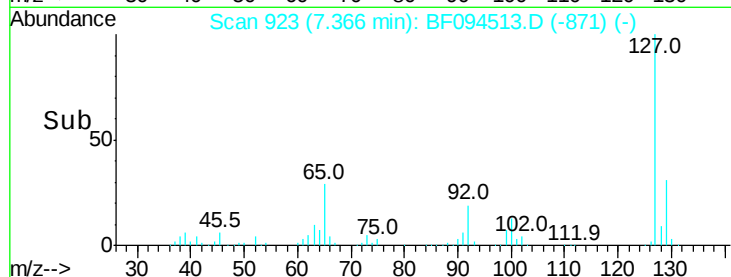
#33
 4-Chloroaniline
 Concen: 39.96 ng
 RT: 7.37 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	420582
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	29.2	27.8	41.8
92	19.1	16.8	25.2

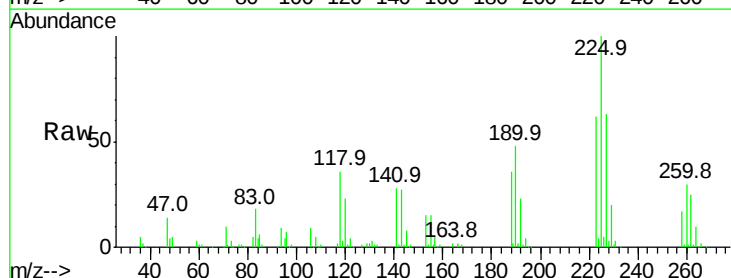


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

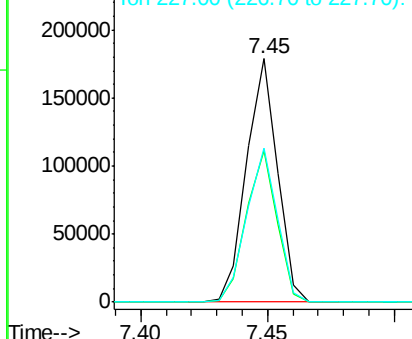
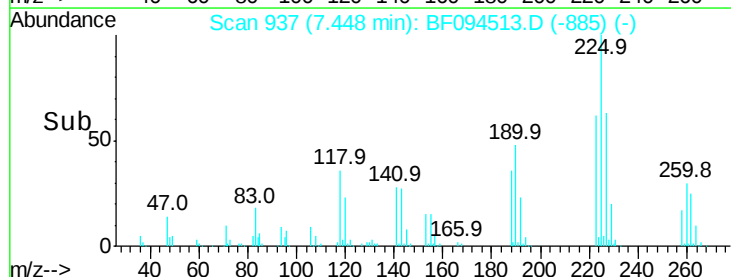


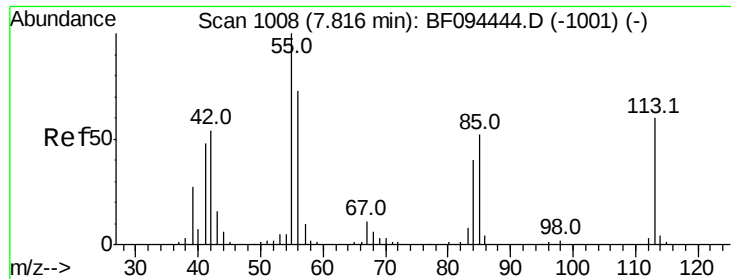
#34
 Hexachlorobutadiene
 Concen: 40.36 ng
 RT: 7.45 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion:	225	Resp:	151587
Ion	Ratio	Lower	Upper
225	100		
223	62.1	48.8	73.2
227	63.3	51.1	76.7



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

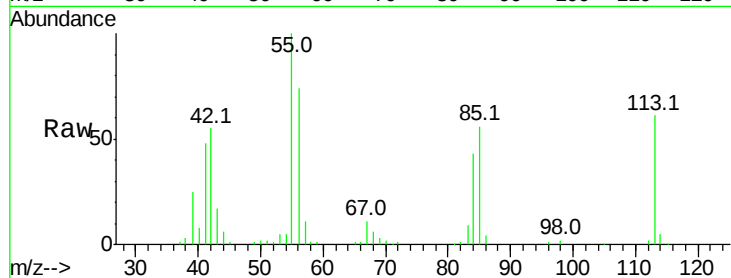




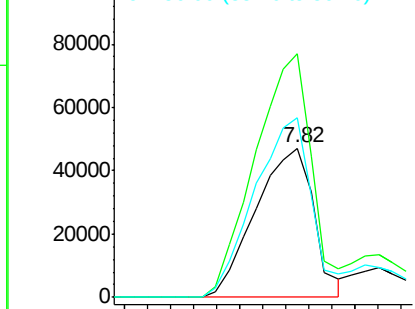
#35
 Caprolactam
 Concen: 35.97 ng
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :

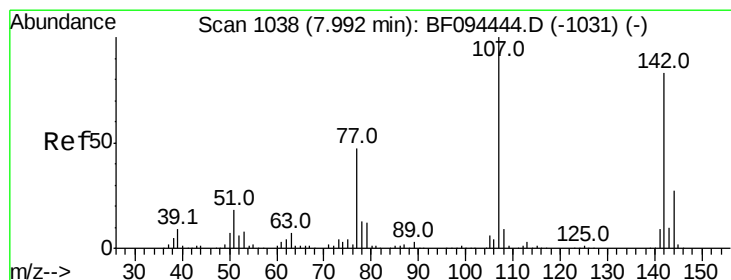
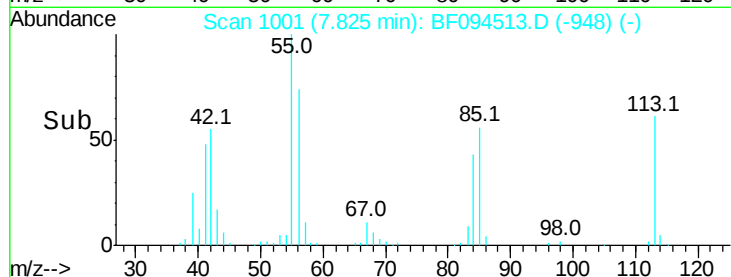
Tot Ion:113 Resp: 82337
 Ion Ratio Lower Upper
 113 100
 55 163.4 150.2 190.2
 56 120.9 107.8 147.8



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

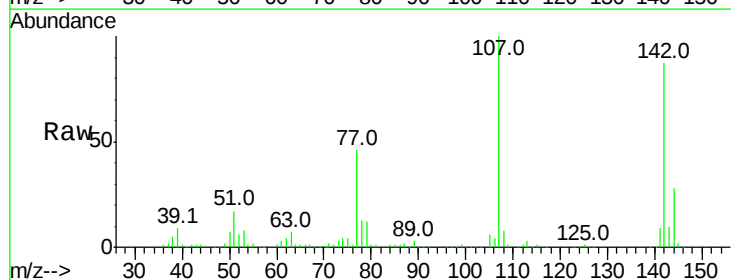


Time-->

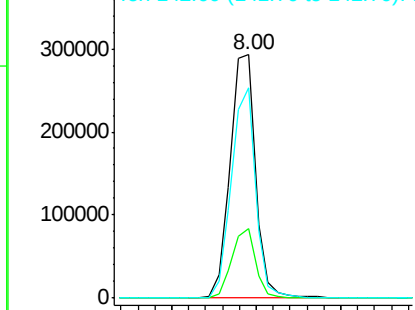


#36
 4-Chloro-3-methylphenol
 Concen: 40.08 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

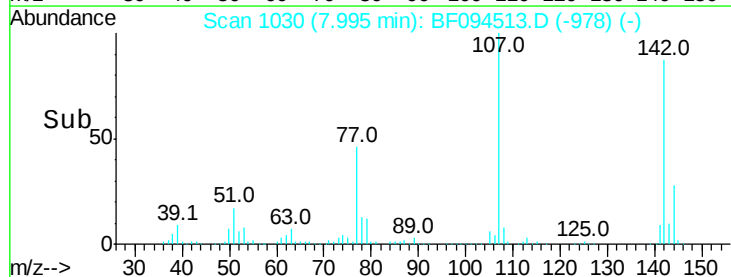
Tgt Ion:107 Resp: 306020
 Ion Ratio Lower Upper
 107 100
 144 28.4 24.2 36.4
 142 86.6 73.4 110.0

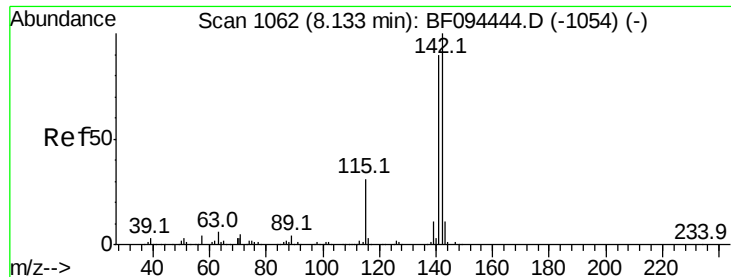


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



Time-->

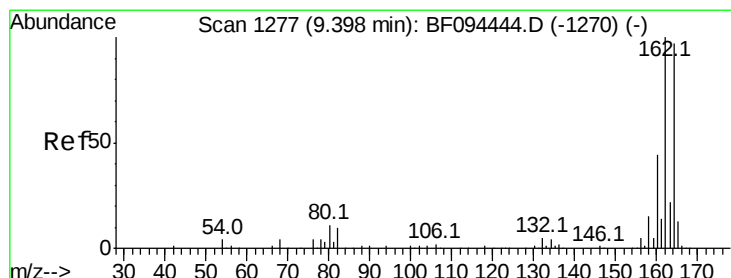
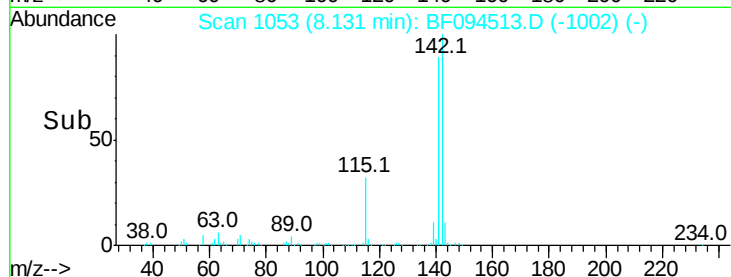
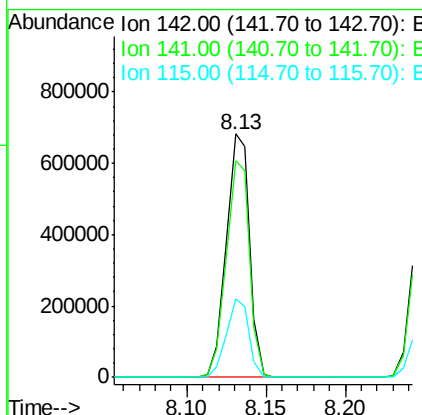
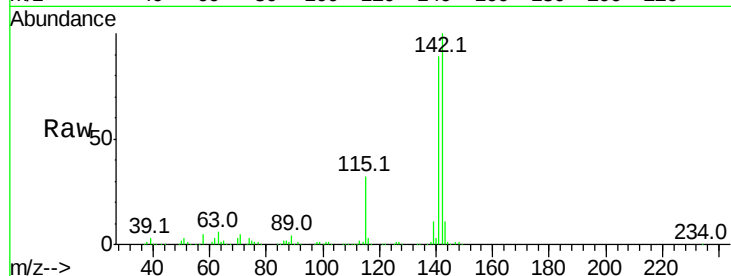




#37
 2-Methylnaphthalene
 Concen: 39.90 ng
 RT: 8.13 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

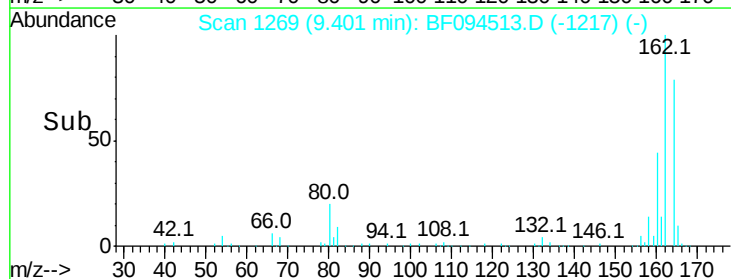
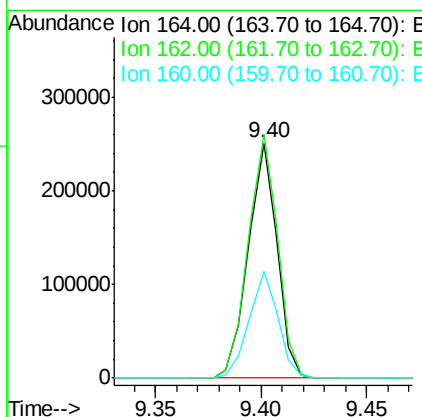
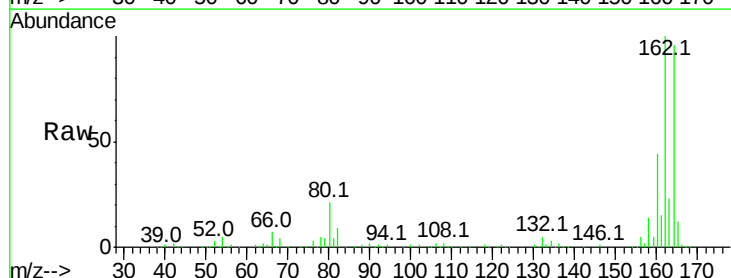
Instrument :
 BNA_F
 ClientSampleId :

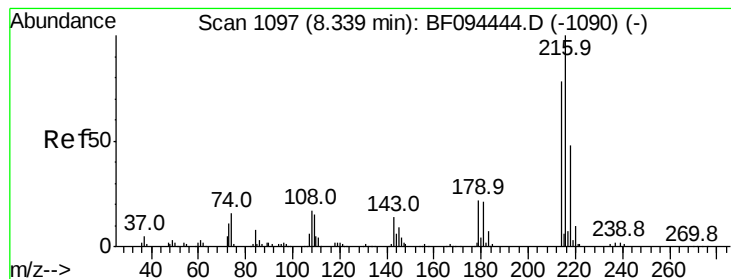
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	32.2	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	45.6	36.2	54.2

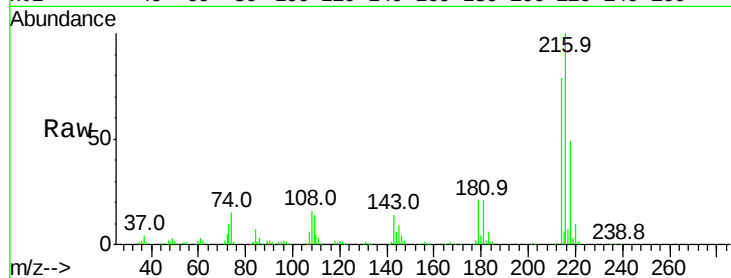




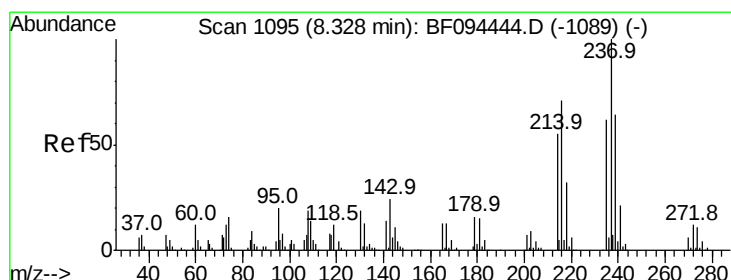
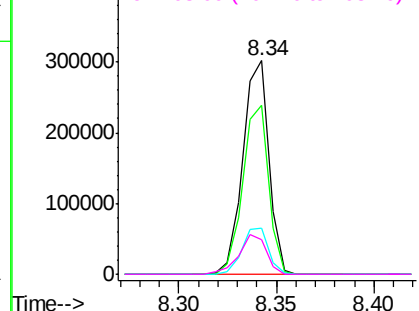
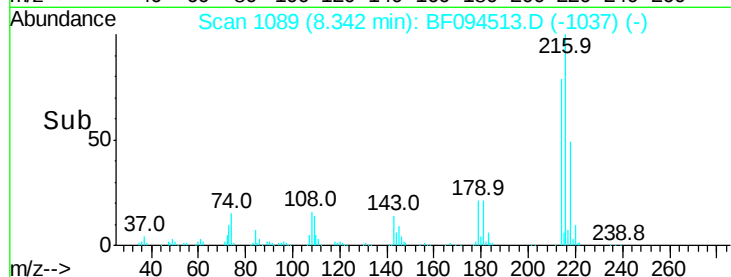
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.09 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	278721
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	21.9	17.9	26.9
108	19.9	16.5	24.7

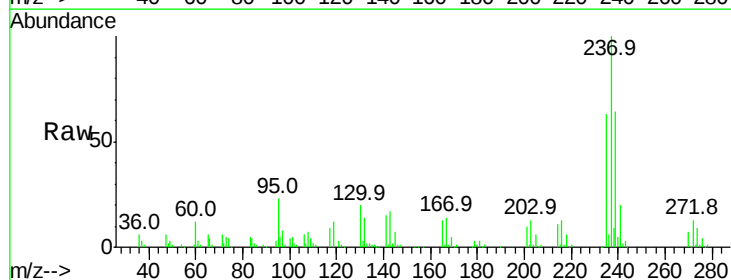


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

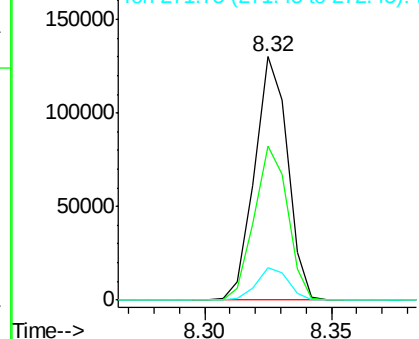
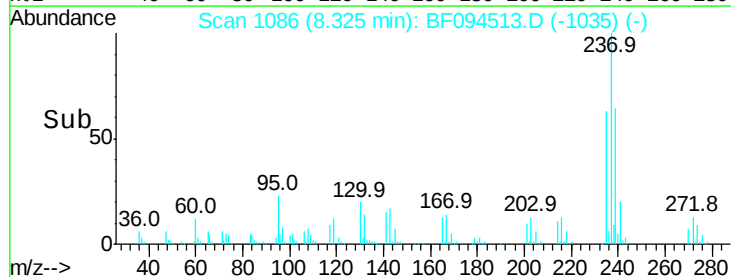


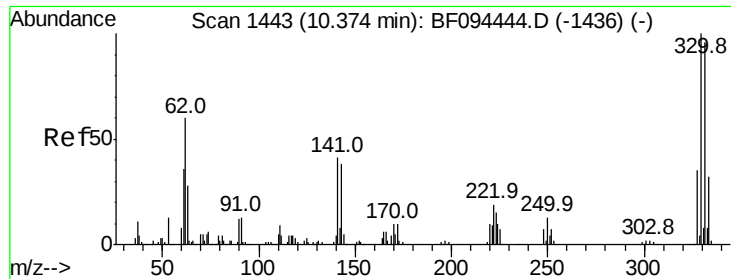
#40
 Hexachlorocyclopentadiene
 Concen: 43.03 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion:	237	Resp:	118082
Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.6	82.6
272	13.4	0.0	31.9



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

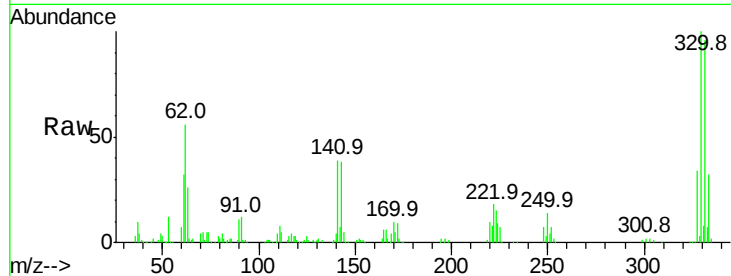




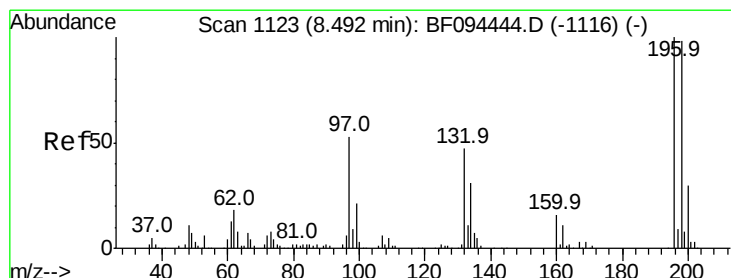
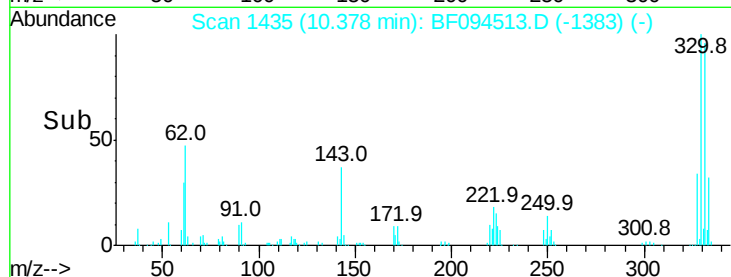
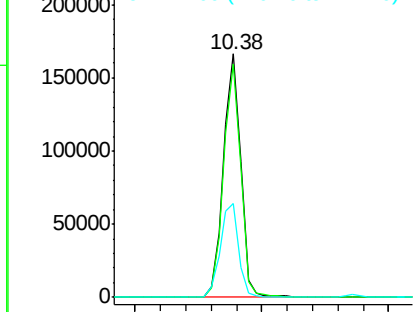
#41
 2,4,6-Tribromophenol
 Concen: 85.58 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 159462
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 41.1 31.4 47.2

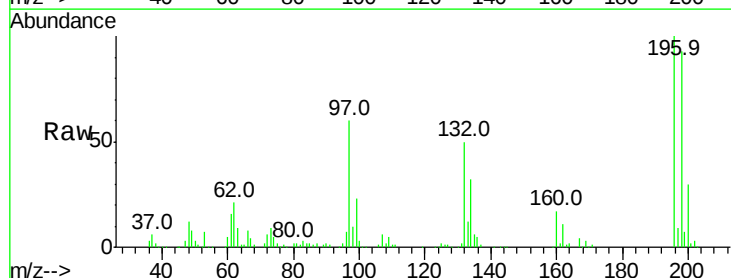


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

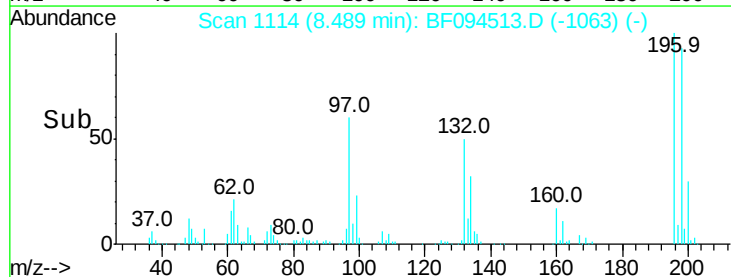
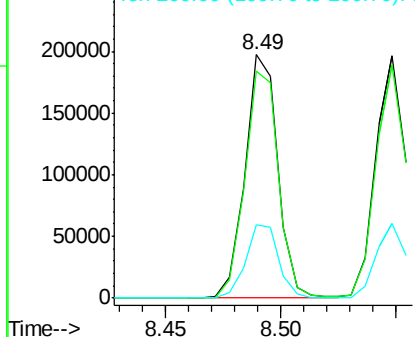


#42
 2,4,6-Trichlorophenol
 Concen: 41.21 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion:196 Resp: 196313
 Ion Ratio Lower Upper
 196 100
 198 93.1 74.2 111.4
 200 30.3 24.0 36.0



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

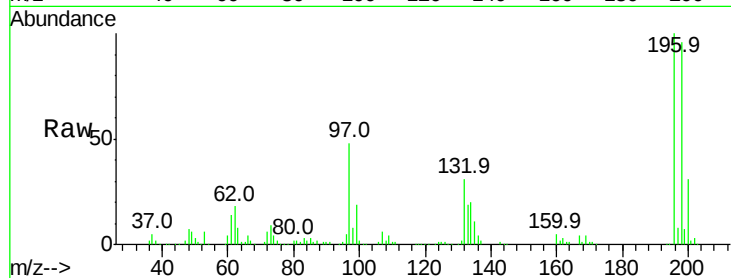




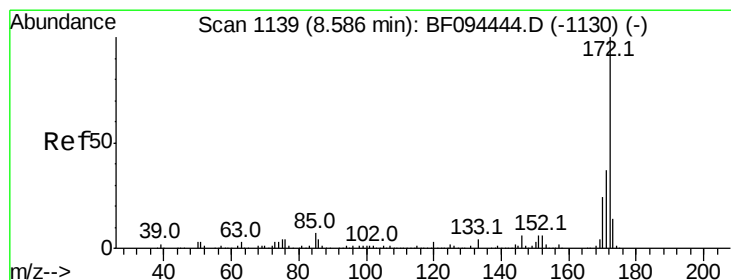
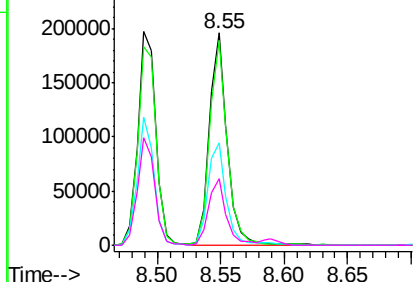
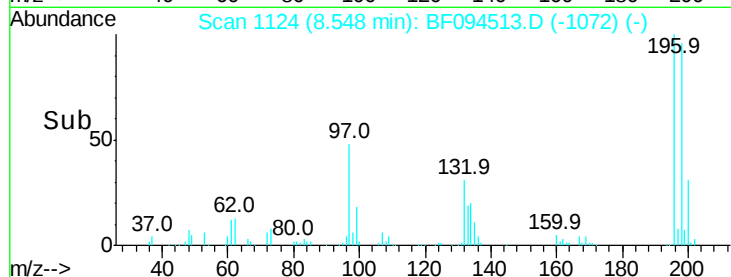
#43
 2,4,5-Trichlorophenol
 Concen: 39.26 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 192063
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 97 48.5 47.7 71.5
 132 31.1 28.0 42.0

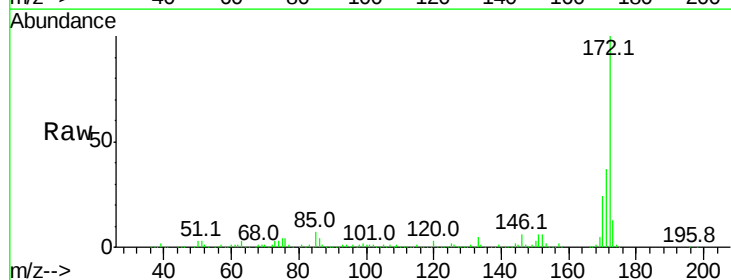


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

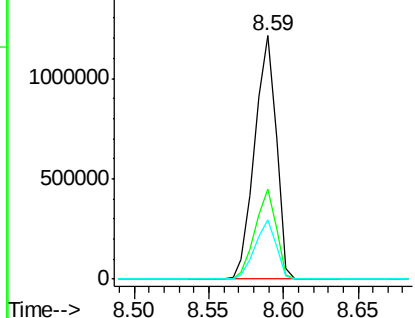
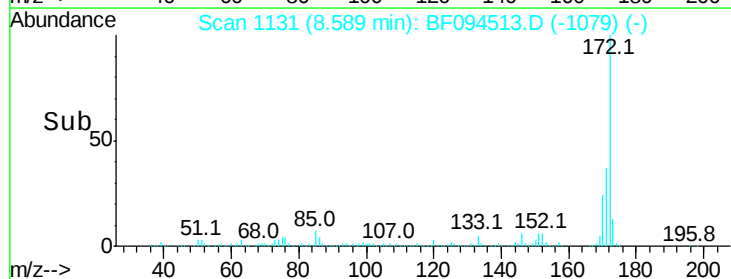


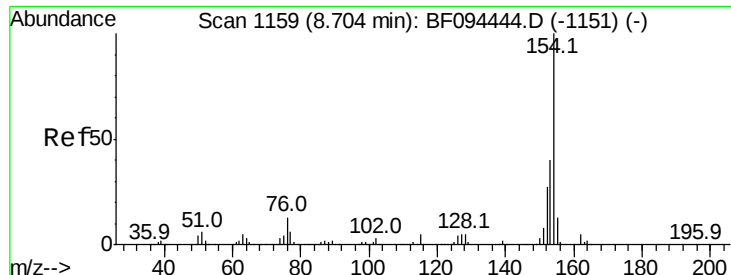
#44
 2-Fluorobiphenyl
 Concen: 74.23 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion:172 Resp: 1201839
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.2 19.8 29.8



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

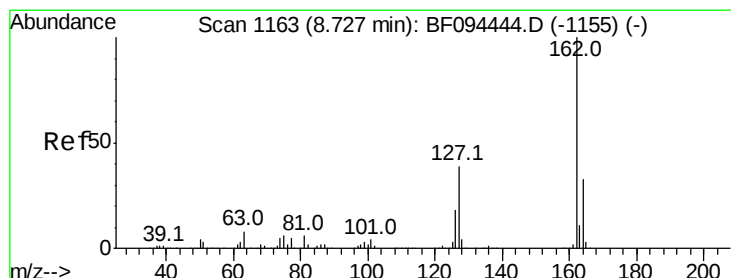
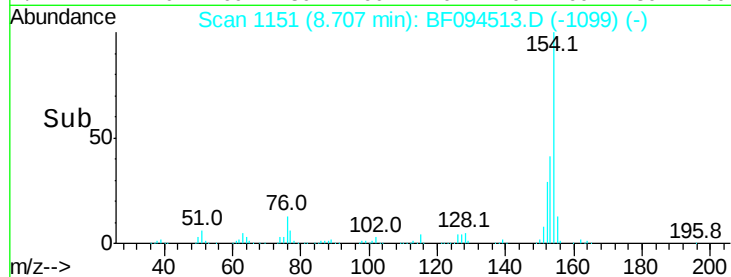
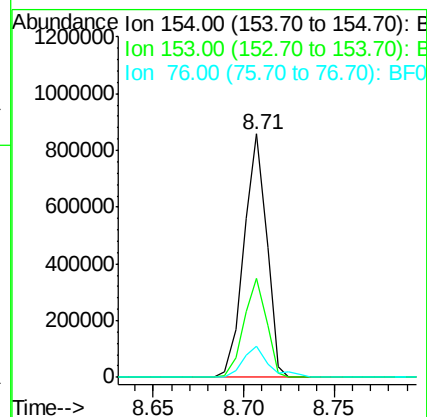
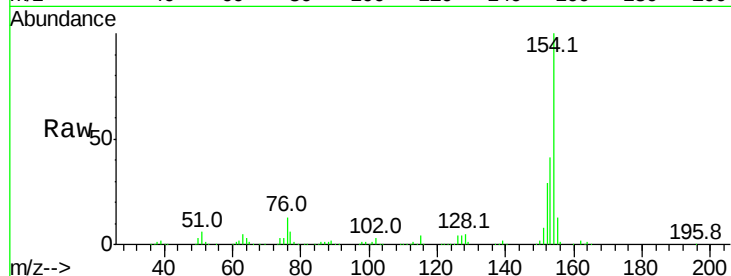




#45
 1,1'-Biphenyl
 Concen: 38.23 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

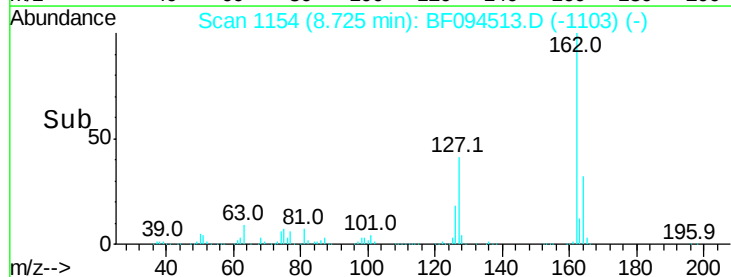
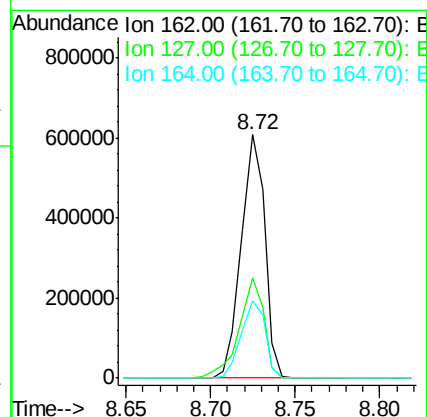
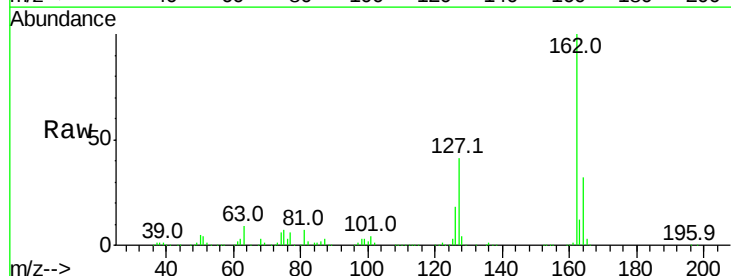
Instrument :
 BNA_F
 ClientSampled :

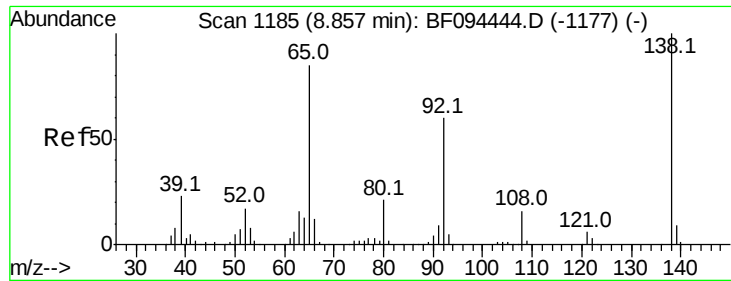
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	12.7	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 38.11 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	28.3	42.5
164	31.7	27.0	40.4

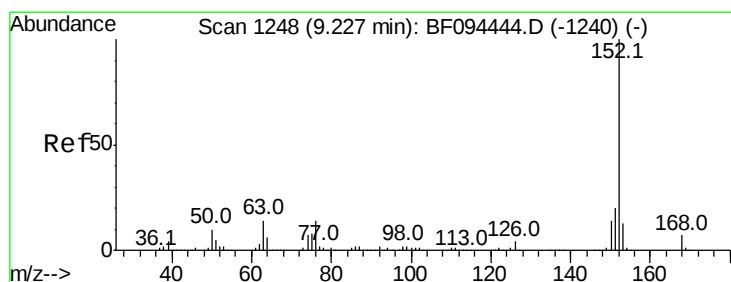
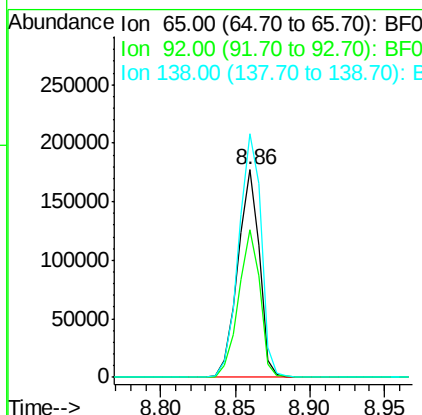
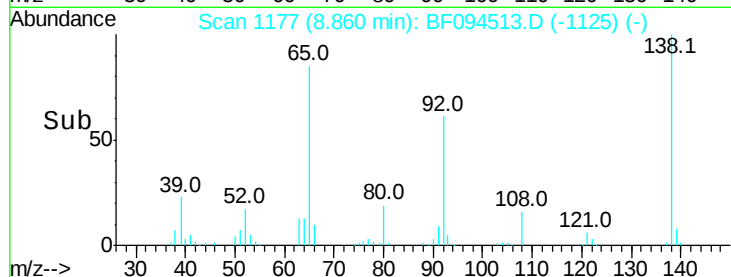
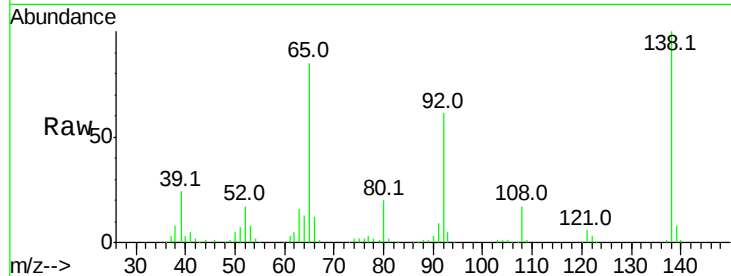




#47
 2-Nitroaniline
 Concen: 40.42 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

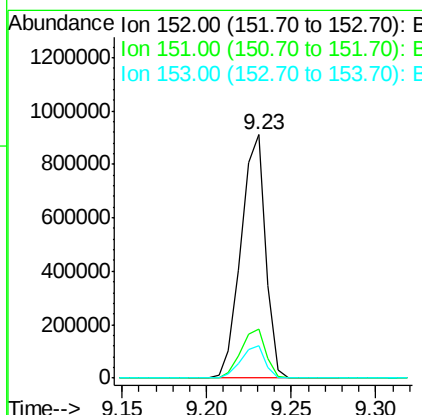
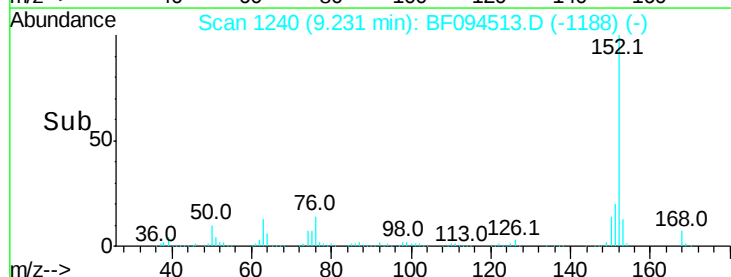
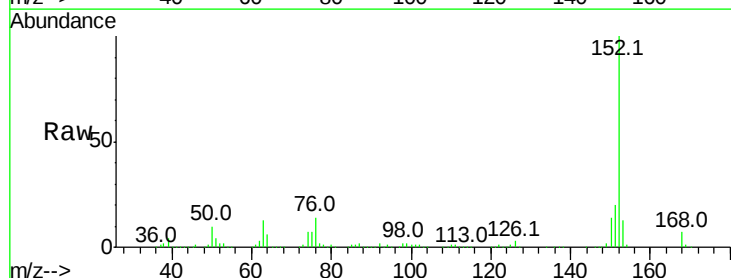
Instrument :
 BNA_F
 ClientSampleId :

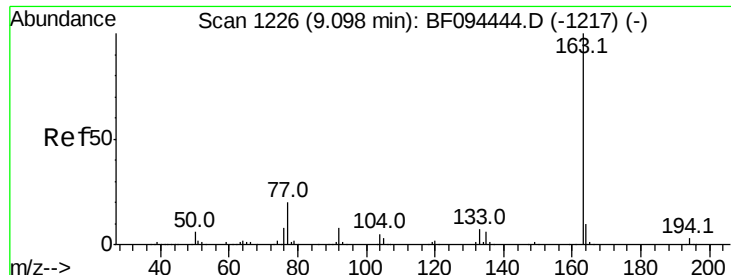
Tot Ion: 65 Resp: 179964
 Ion Ratio Lower Upper
 65 100
 92 71.0 53.9 80.9
 138 117.3 78.8 118.2



#48
 Acenaphthylene
 Concen: 38.28 ng
 RT: 9.23 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion:152 Resp: 923540
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.1 10.8 16.2

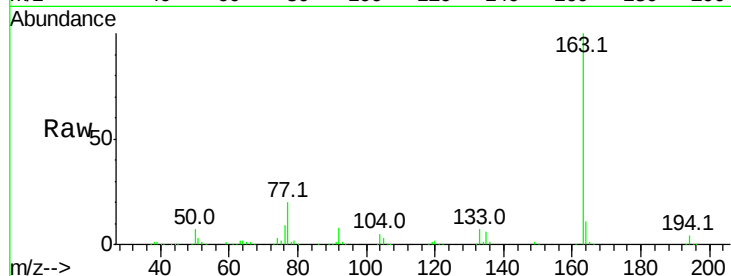




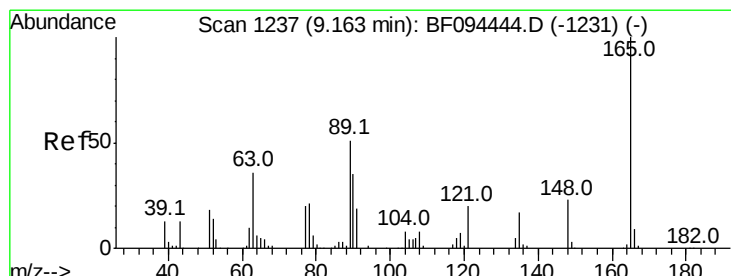
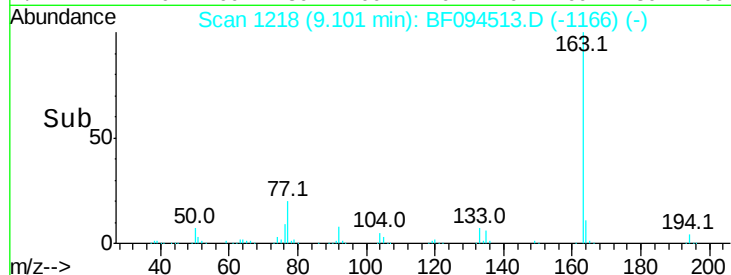
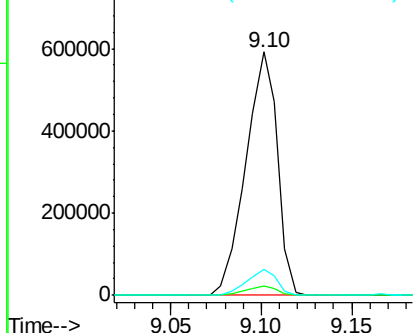
#49
Dimethylphthalate
Concen: 40.27 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 714939
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.5 8.4 12.6

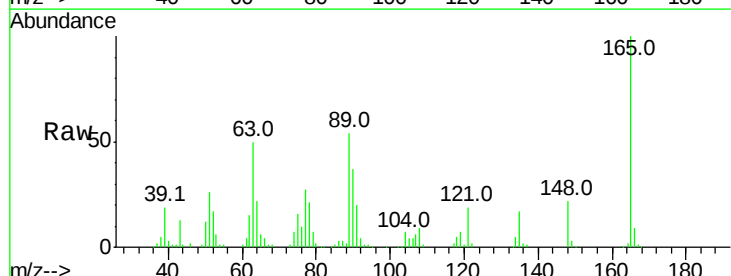


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

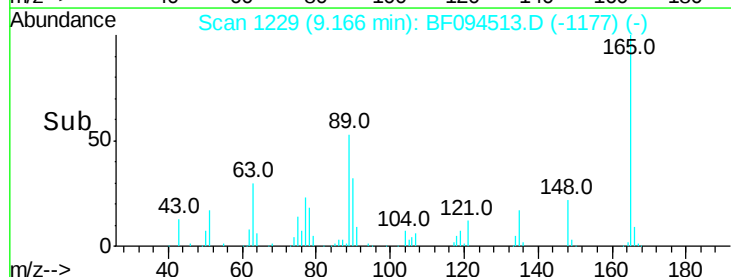
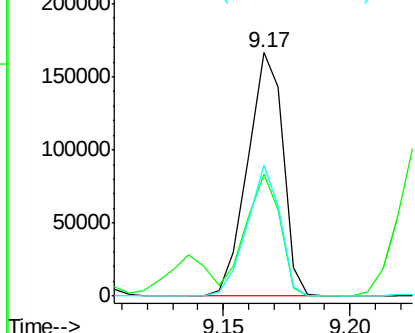


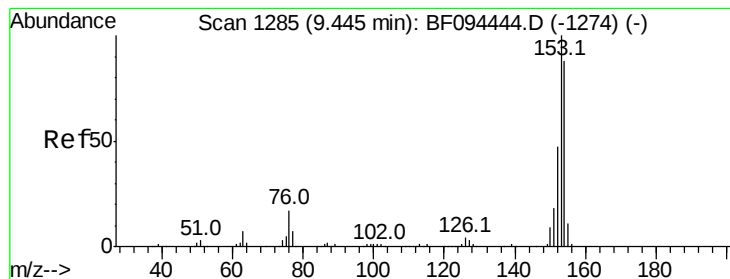
#50
2,6-Dinitrotoluene
Concen: 40.78 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Tgt Ion:165 Resp: 162477
Ion Ratio Lower Upper
165 100
63 50.2 34.3 51.5
89 53.7 37.1 55.7



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: 38.68 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Instrument :

BNA_F

ClientSampleId :

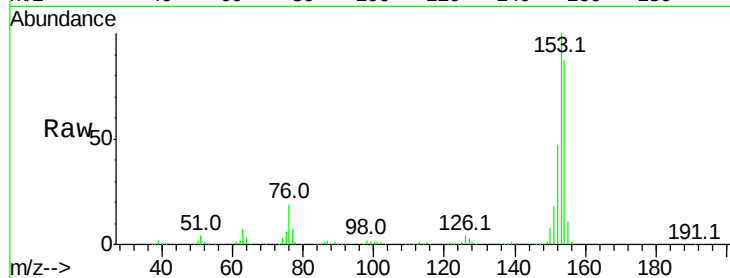
Tot Ion:154 Resp: 558902

Ion Ratio Lower Upper

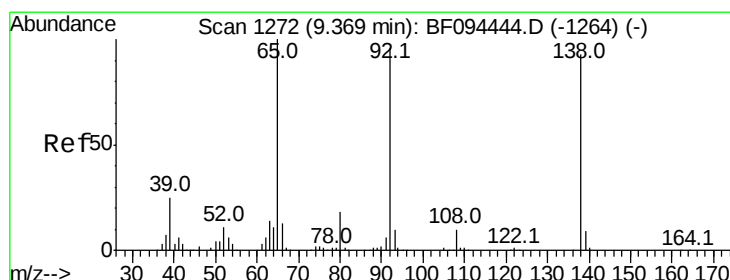
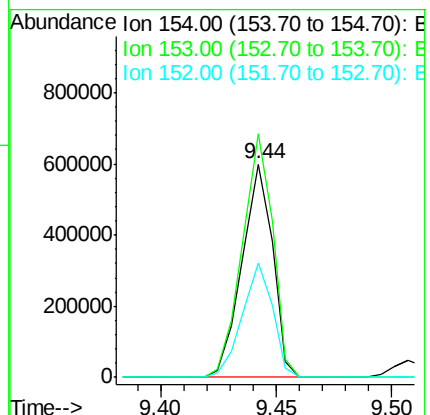
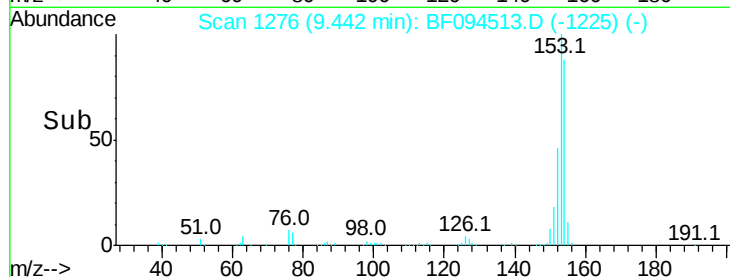
154 100

153 114.3 90.5 135.7

152 53.5 43.6 65.4



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: 38.85 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

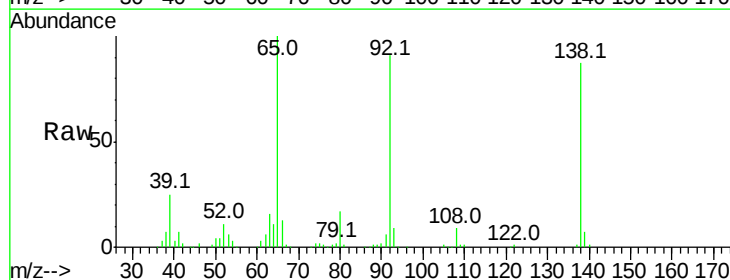
Tgt Ion:138 Resp: 179099

Ion Ratio Lower Upper

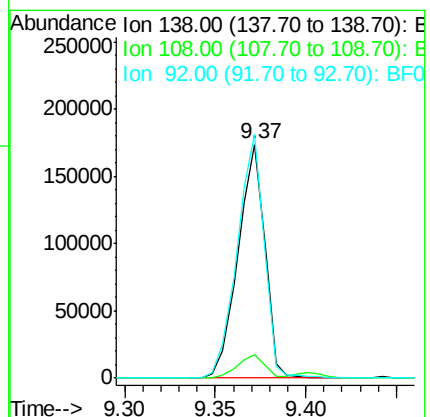
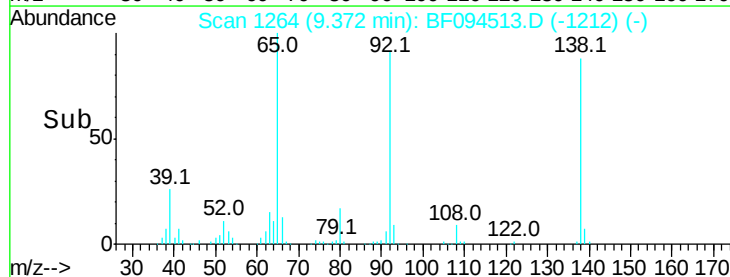
138 100

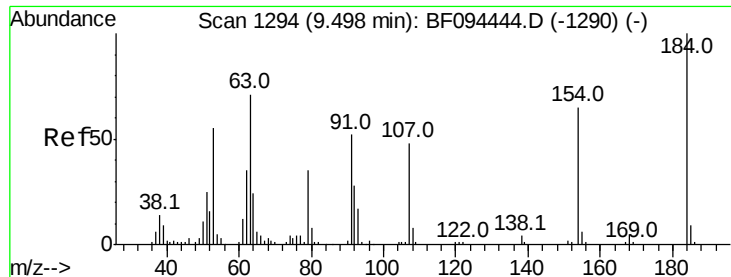
108 10.0 9.1 13.7

92 104.2 93.8 140.6



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

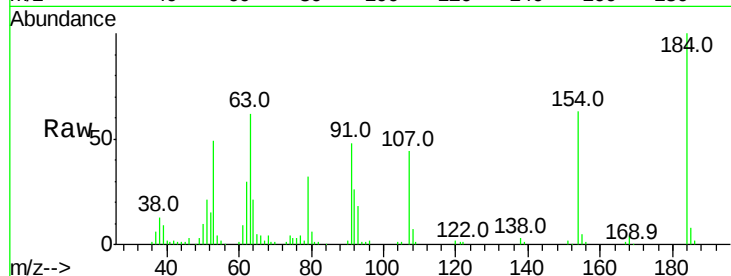




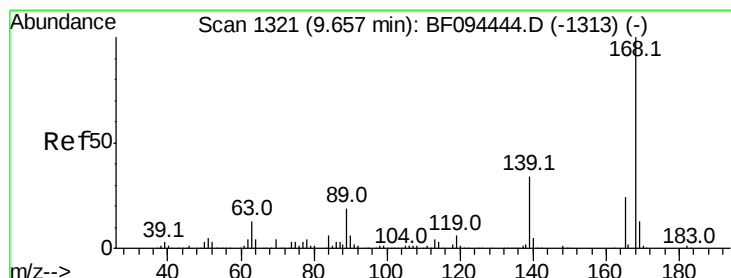
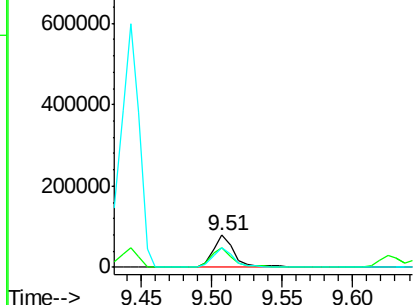
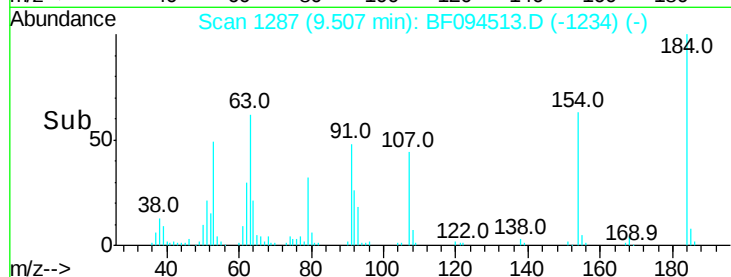
#53
 2,4-Dinitrophenol
 Concen: 42.30 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 85131
 Ion Ratio Lower Upper
 184 100
 63 62.1 62.7 94.1#
 154 62.5 81.1 121.7#

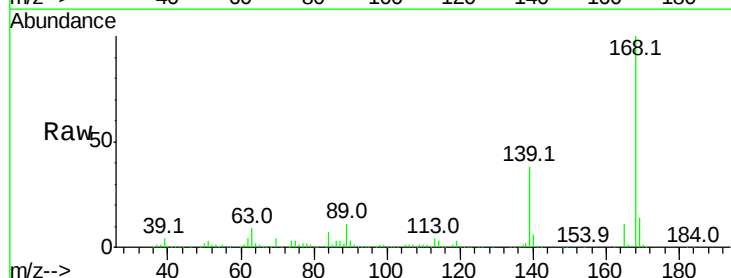


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

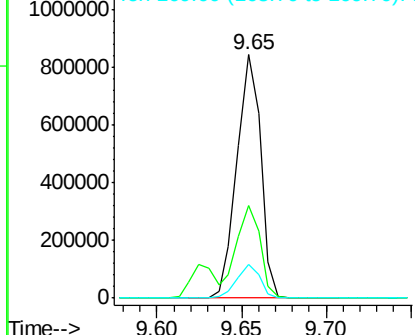
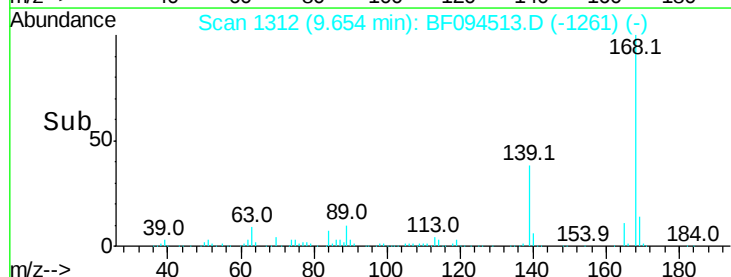


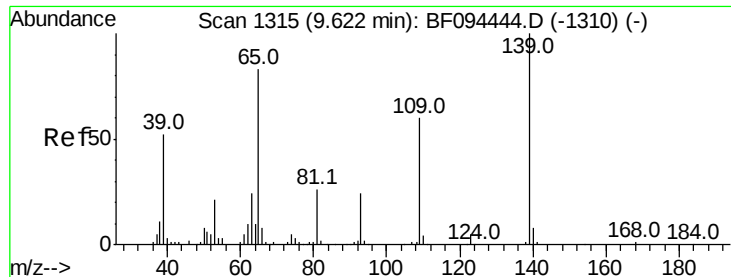
#54
 Dibenzofuran
 Concen: 39.58 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion:168 Resp: 831135
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.6 45.8
 169 13.6 10.8 16.2



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





#55

4-Nitrophenol

Concen: 35.66 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Instrument :

BNA_F

ClientSampleId :

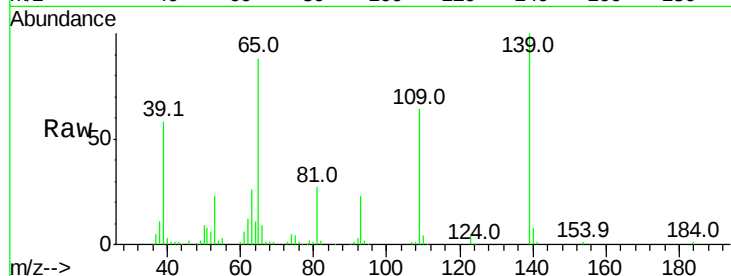
Tot Ion:139 Resp: 116131

Ion Ratio Lower Upper

139 100

109 64.3 34.1 74.1

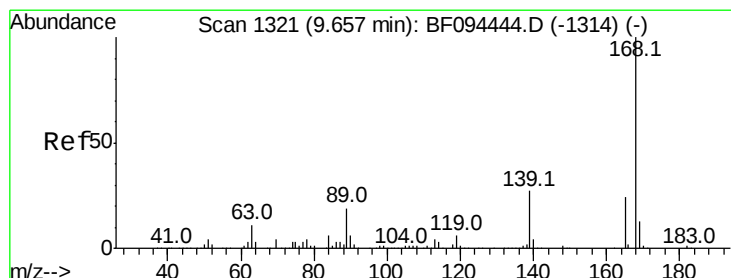
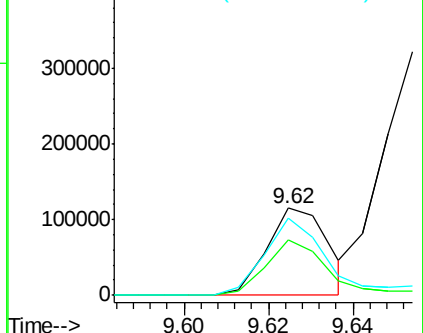
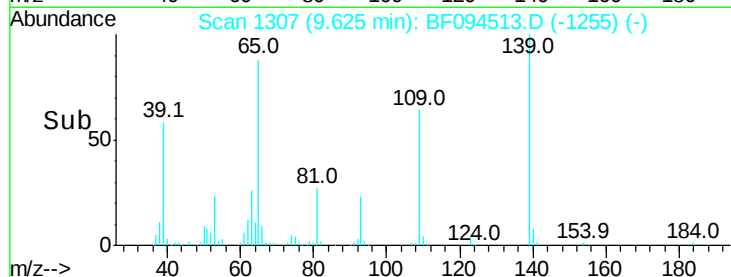
65 88.2 31.4 71.4#



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: 42.61 ng

RT: 9.67 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Tgt Ion:165 Resp: 208350

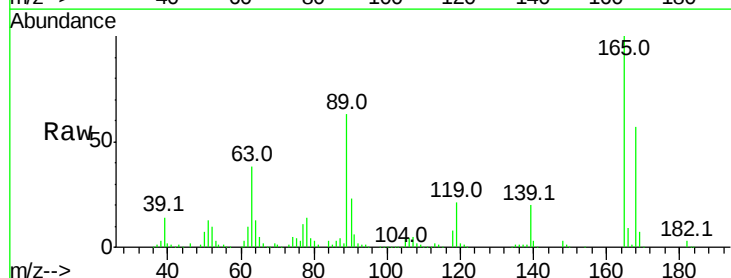
Ion Ratio Lower Upper

165 100

63 37.8 25.4 38.0

89 62.6 46.4 69.6

182 2.6 1.8 2.6

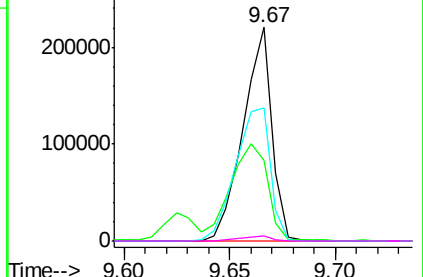
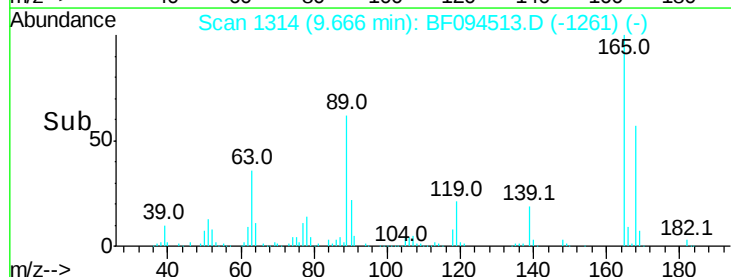


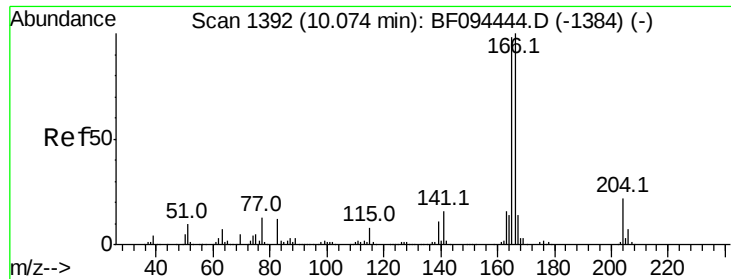
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.66 ng

RT: 10.08 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Instrument :

BNA_F

ClientSampleId :

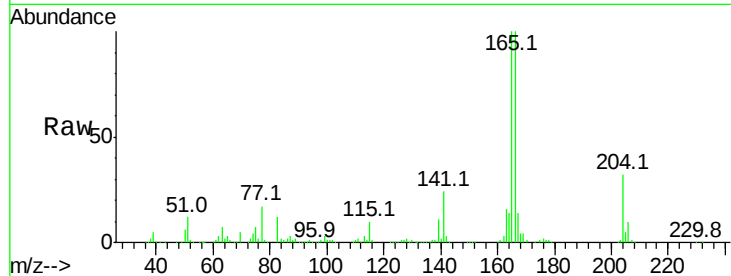
Tot Ion:166 Resp: 648524

Ion Ratio Lower Upper

166 100

165 99.6 78.8 118.2

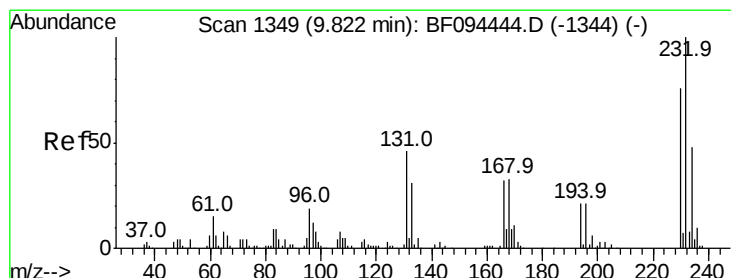
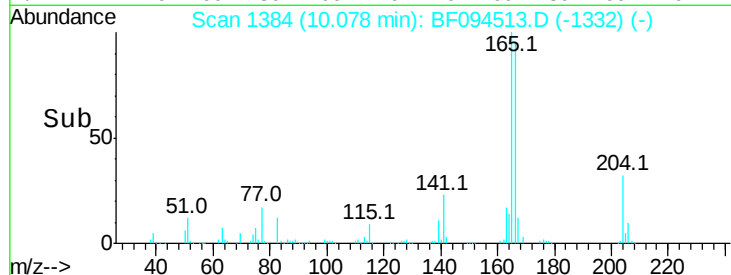
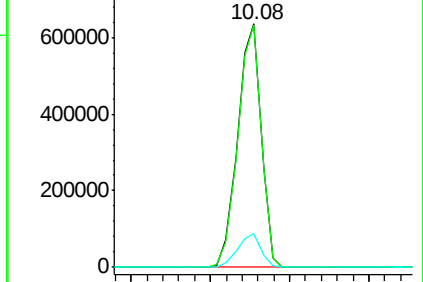
167 13.7 10.6 16.0



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: 42.36 ng

RT: 9.82 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Tgt Ion:232 Resp: 148513

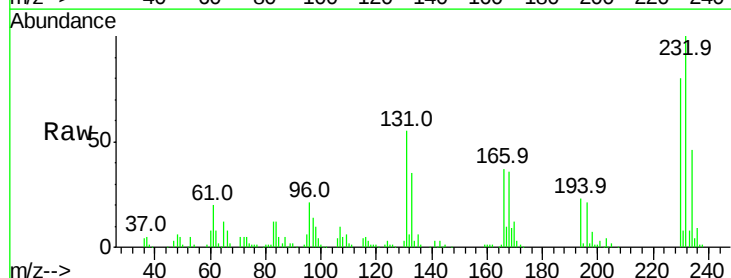
Ion Ratio Lower Upper

232 100

131 51.5 44.8 67.2

130 2.6 2.3 3.5

166 36.7 29.0 43.4

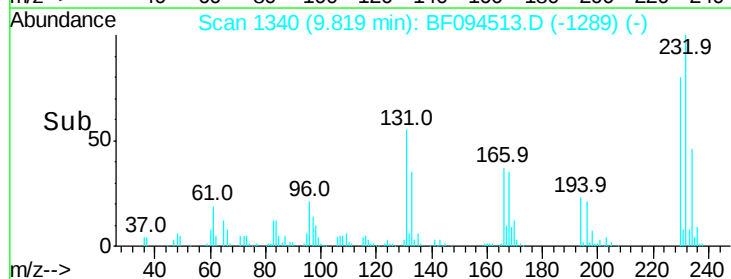
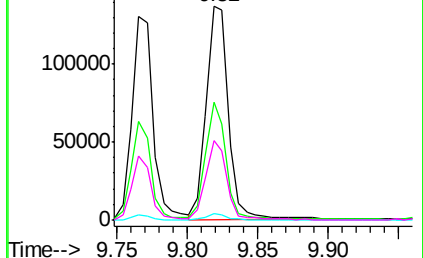


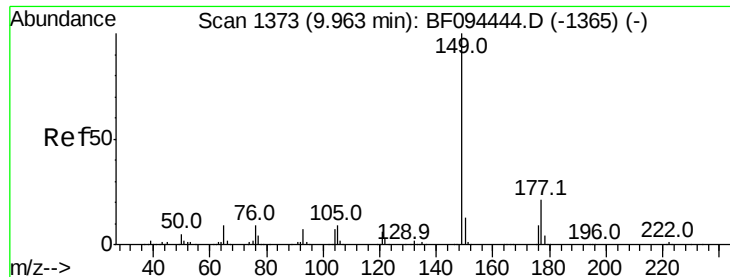
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

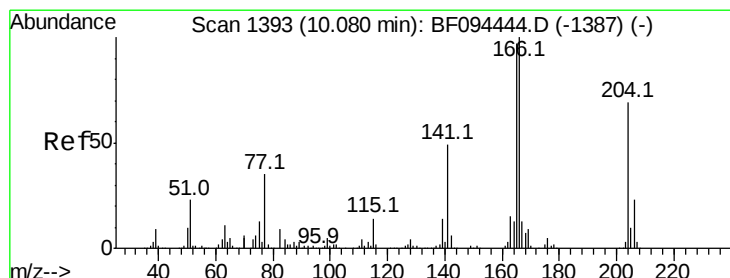
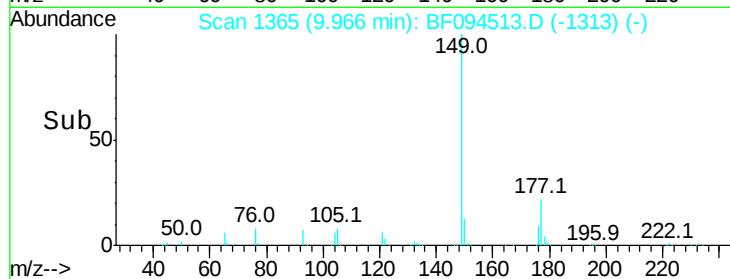
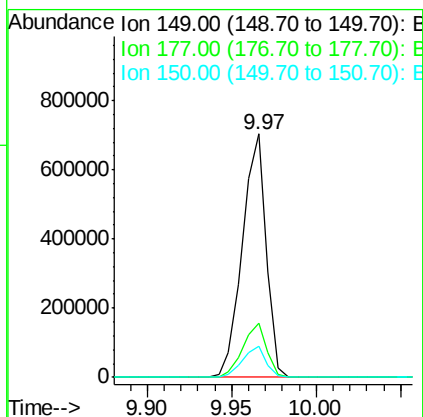
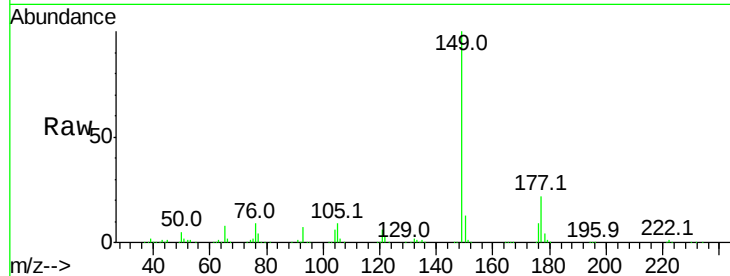




#59
Diethylphthalate
Concen: 41.31 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

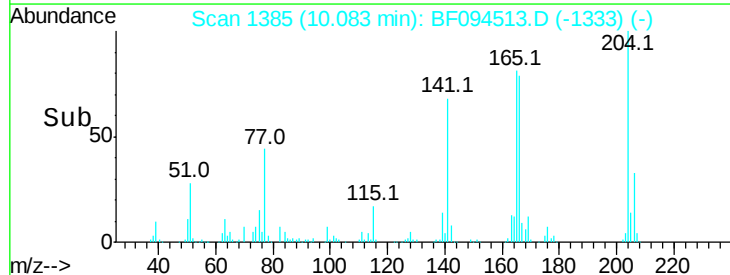
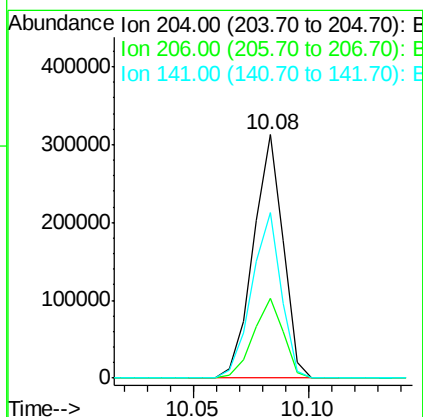
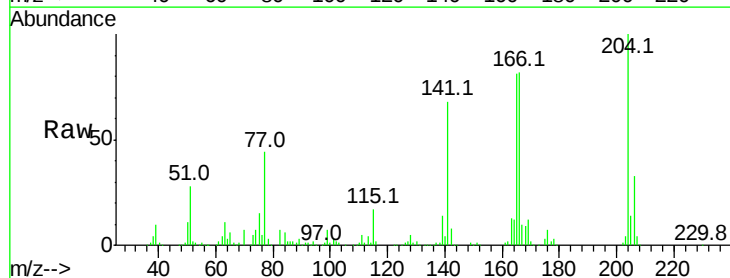
Instrument :
BNA_F
ClientSampleId :

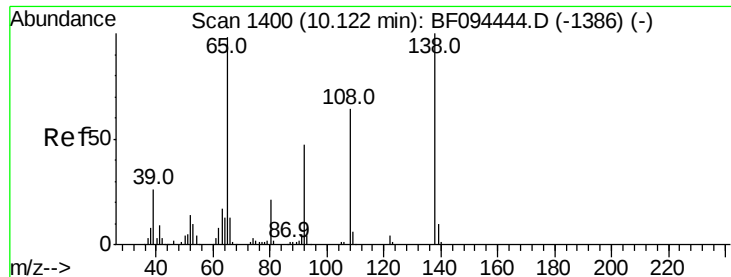
Tot Ion:149 Resp: 691980
Ion Ratio Lower Upper
149 100
177 22.1 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.46 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Tgt Ion:204 Resp: 282171
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 67.9 60.8 91.2

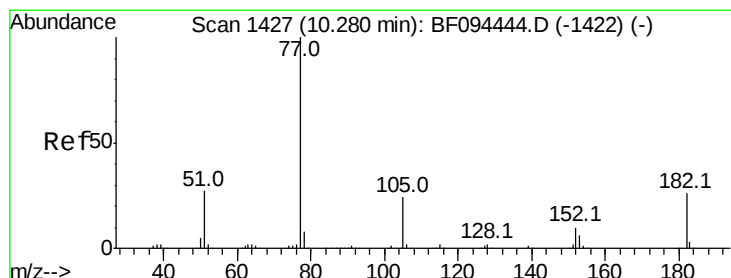
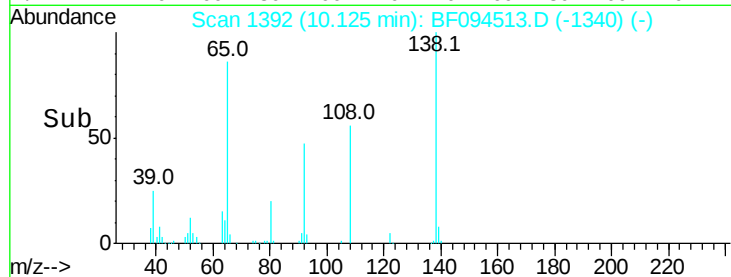
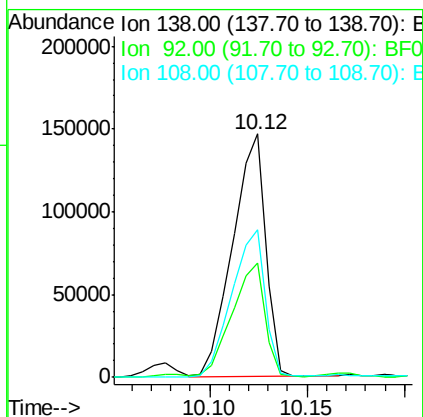
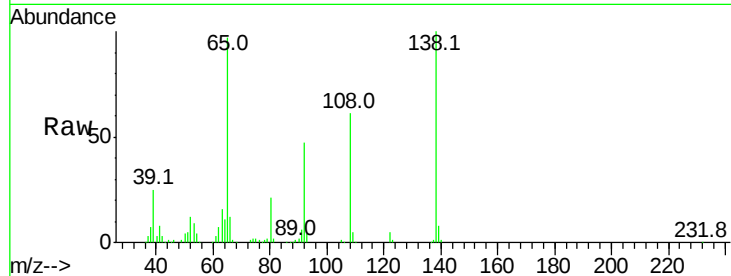




#61
4-Nitroaniline
Concen: 36.88 ng
RT: 10.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

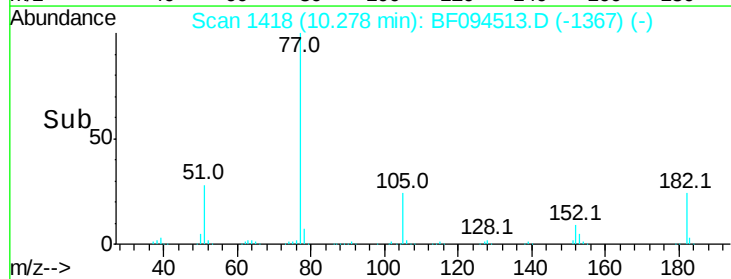
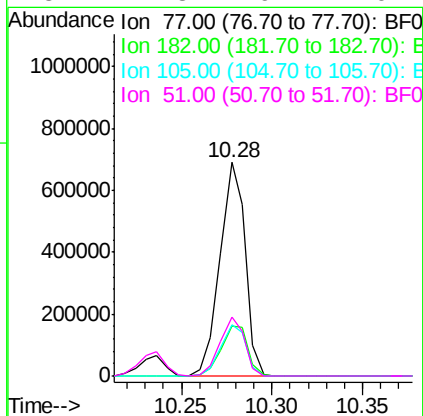
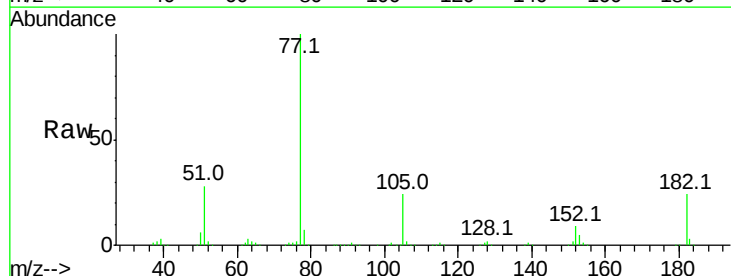
Instrument :
BNA_F
ClientSampleId :

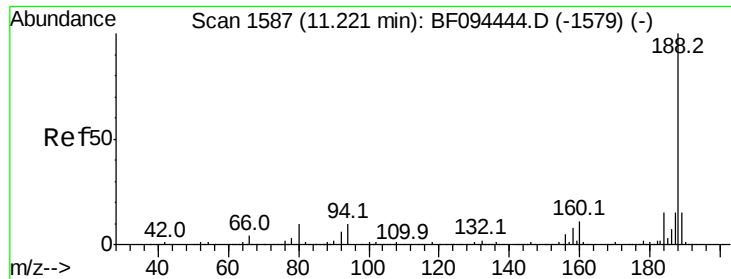
Tot Ion:138 Resp: 172863
Ion Ratio Lower Upper
138 100
92 47.2 21.8 61.8
108 60.6 42.3 82.3



#62
Azobenzene
Concen: 41.17 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Tgt Ion: 77 Resp: 669589
Ion Ratio Lower Upper
77 100
182 23.5 0.1 40.1
105 24.1 3.6 43.6
51 27.8 9.4 49.4

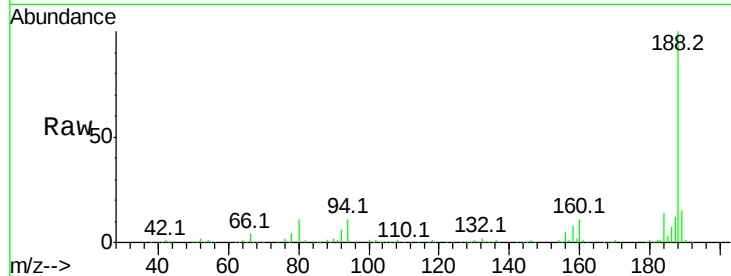




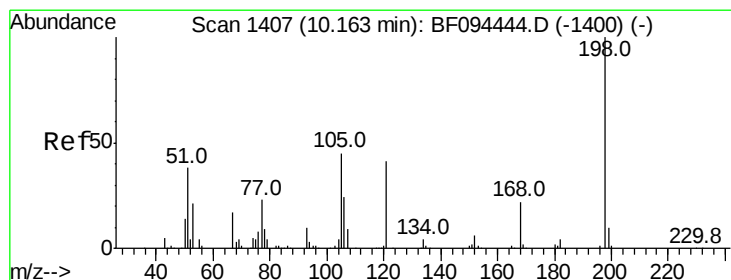
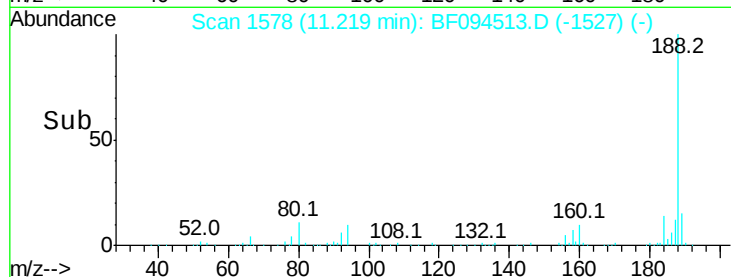
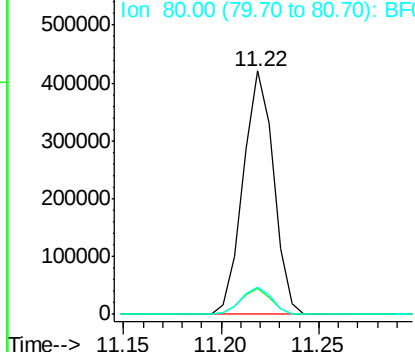
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 454217
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 11.0 10.2 15.2

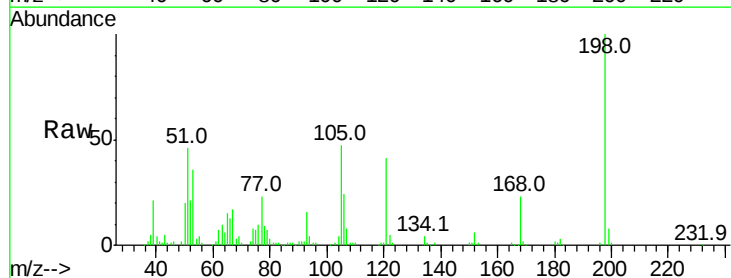


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

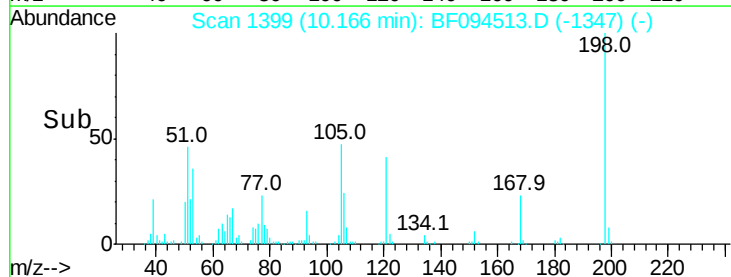
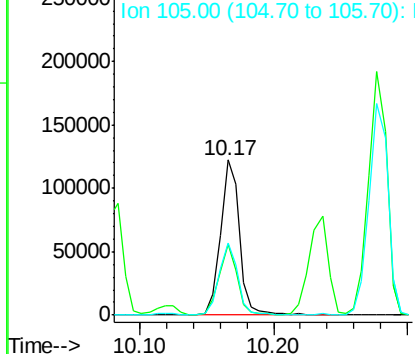


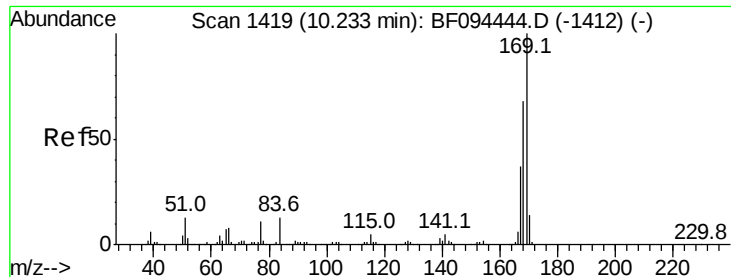
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.51 ng
 RT: 10.17 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion:198 Resp: 123541
 Ion Ratio Lower Upper
 198 100
 51 45.9 53.2 93.2#
 105 46.9 45.8 85.8



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: 37.68 ng

RT: 10.24 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Instrument :

BNA_F

ClientSampleId :

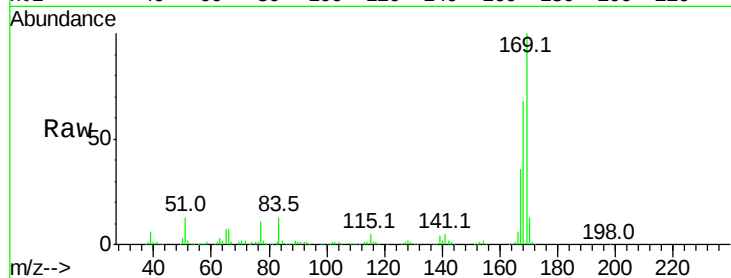
Tot Ion:169 Resp: 595279

Ion Ratio Lower Upper

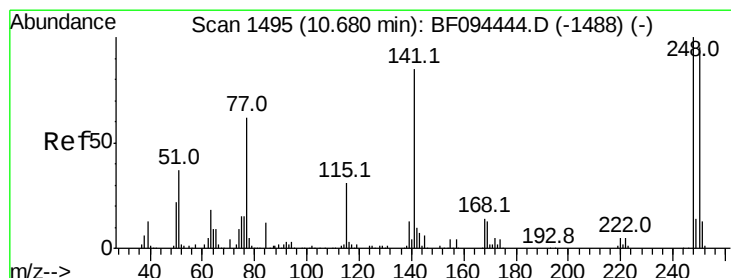
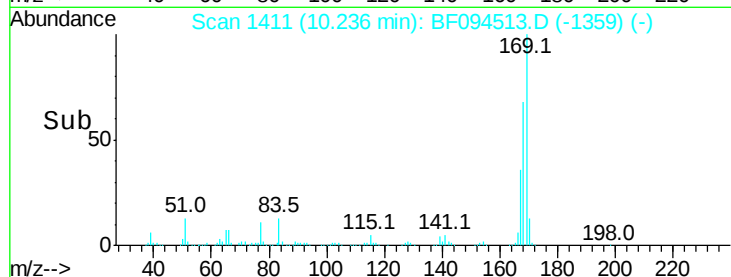
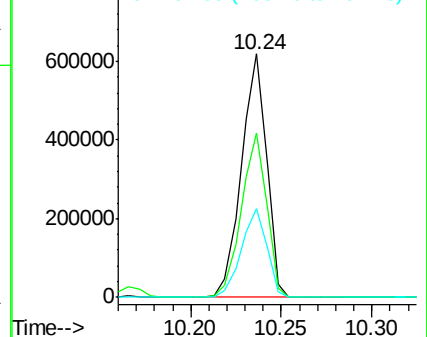
169 100

168 67.7 53.2 79.8

167 36.4 29.5 44.3



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



#66

4-Bromophenyl-phenylether

Concen: 38.46 ng

RT: 10.68 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

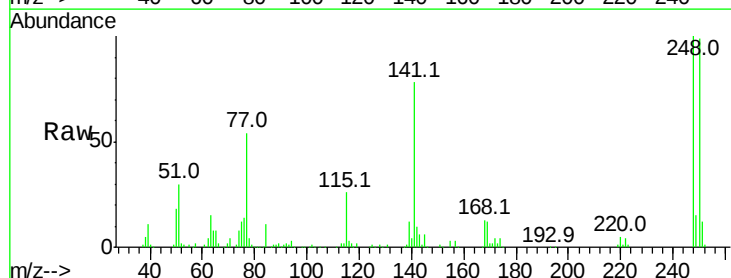
Tgt Ion:248 Resp: 173452

Ion Ratio Lower Upper

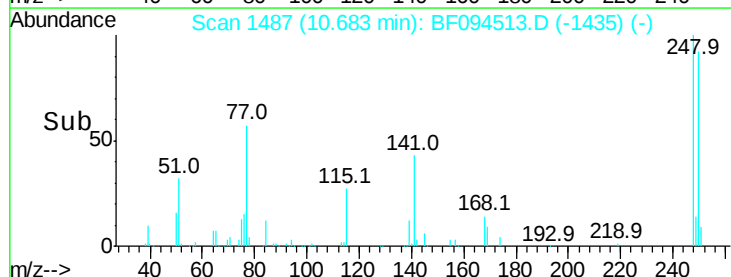
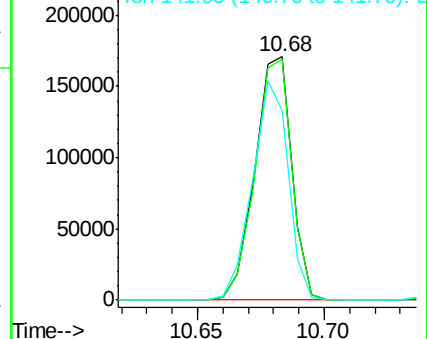
248 100

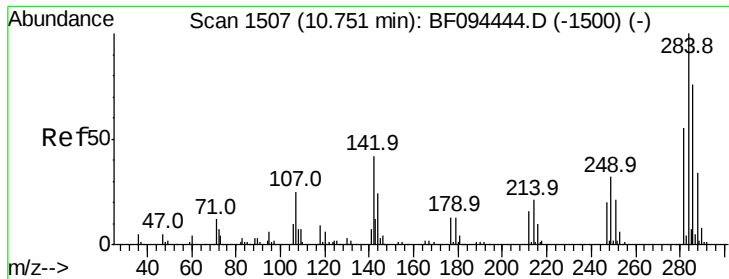
250 99.3 76.8 115.2

141 77.8 68.6 103.0



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

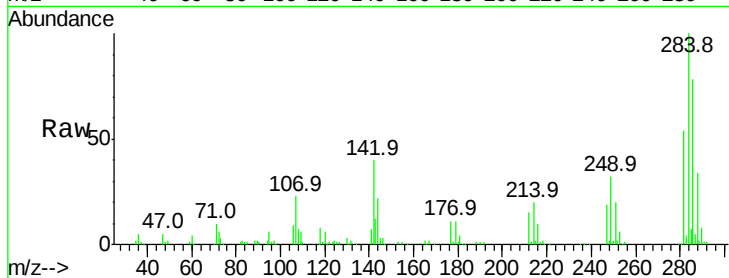




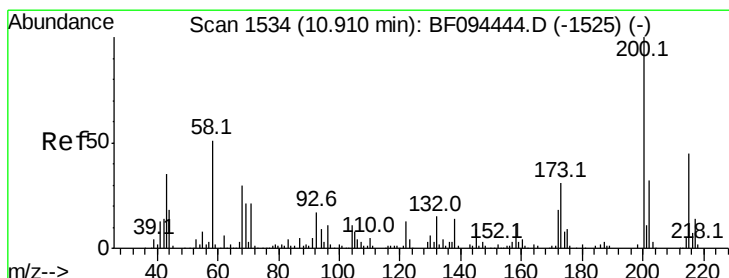
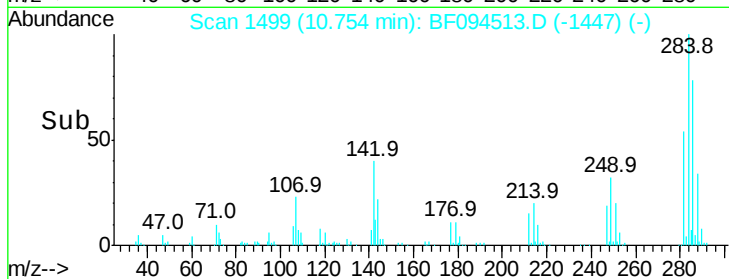
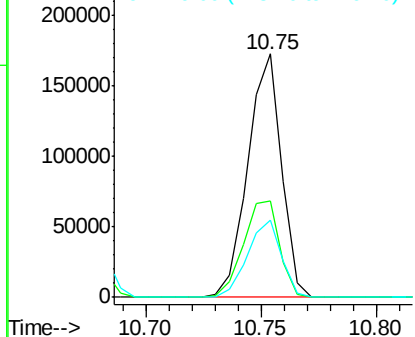
#67
Hexachlorobenzene
Concen: 38.76 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 176185
Ion Ratio Lower Upper
284 100
142 39.6 22.8 34.2#
249 31.7 24.0 36.0

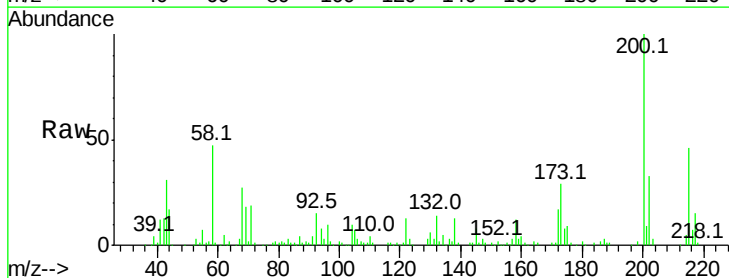


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

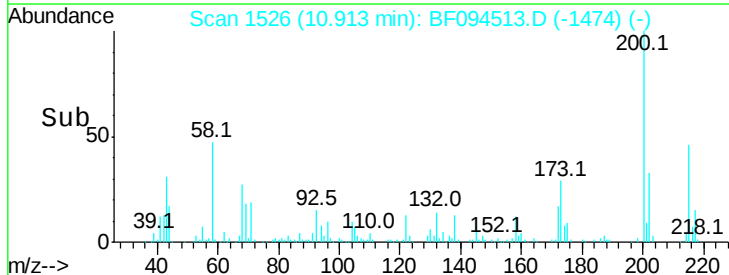
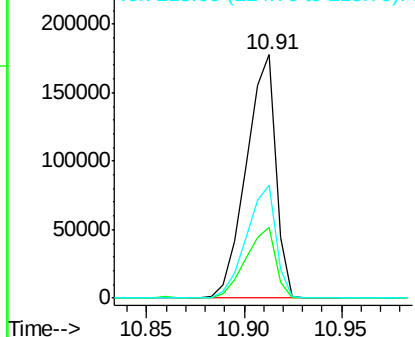


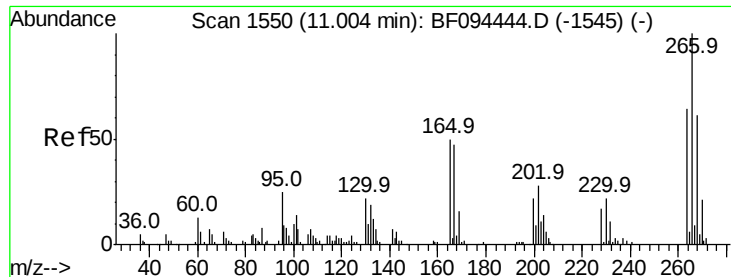
#68
Atrazine
Concen: 39.49 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Tgt Ion:200 Resp: 186629
Ion Ratio Lower Upper
200 100
173 29.0 6.3 46.3
215 46.4 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

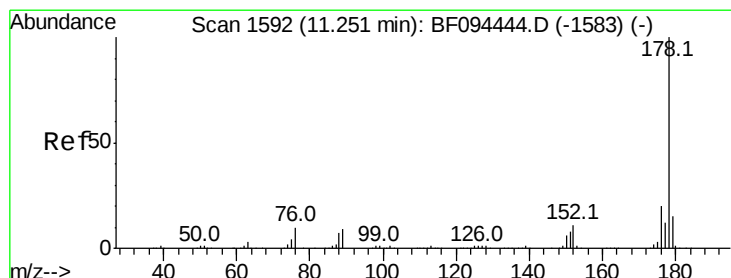
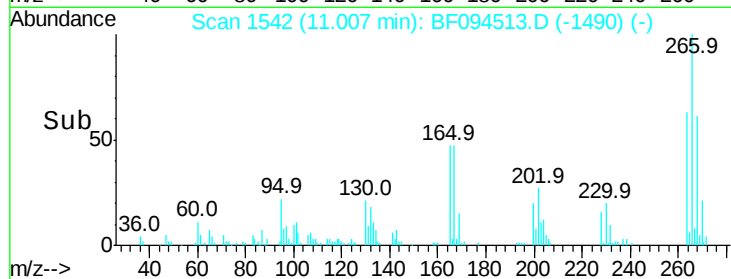
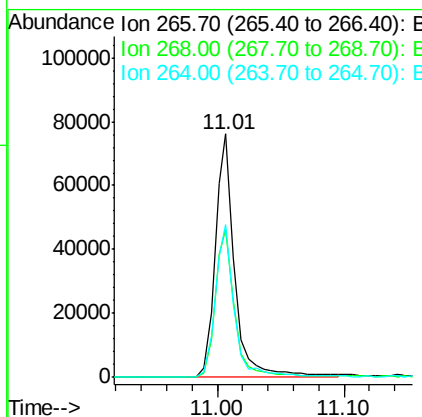
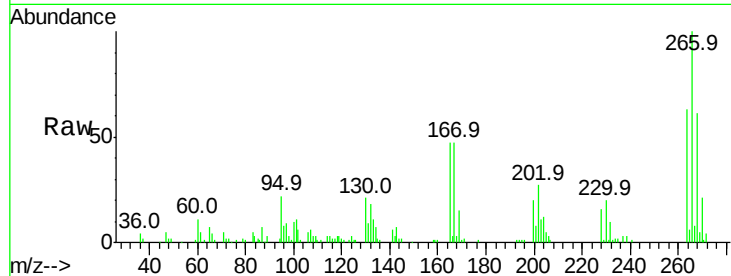




#69
 Pentachlorophenol
 Concen: 45.68 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

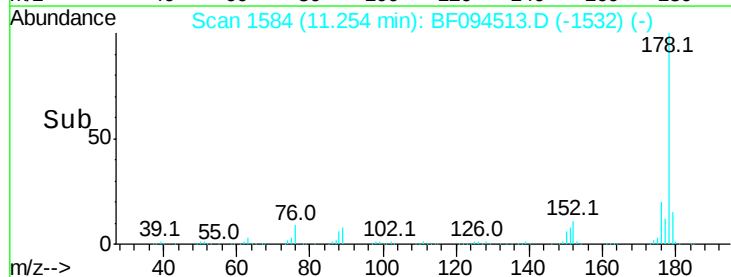
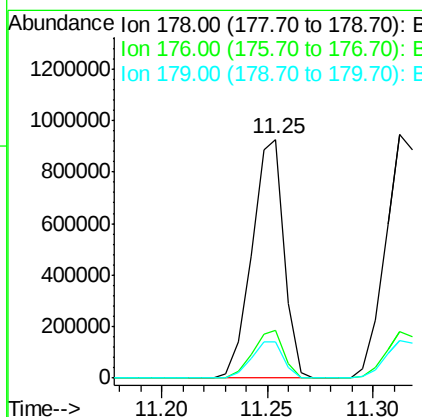
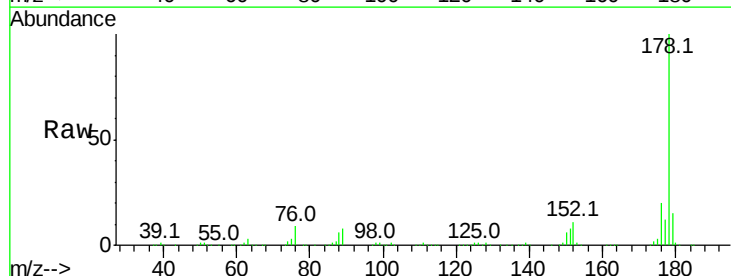
Instrument :
 BNA_F
 ClientSampled :

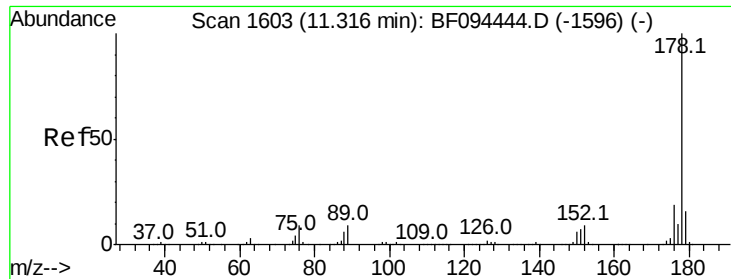
Tot Ion:266 Resp: 82435
 Ion Ratio Lower Upper
 266 100
 268 60.6 51.1 76.7
 264 62.9 51.7 77.5



#70
 Phenanthrene
 Concen: 38.00 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion:178 Resp: 971961
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.2 12.6 19.0

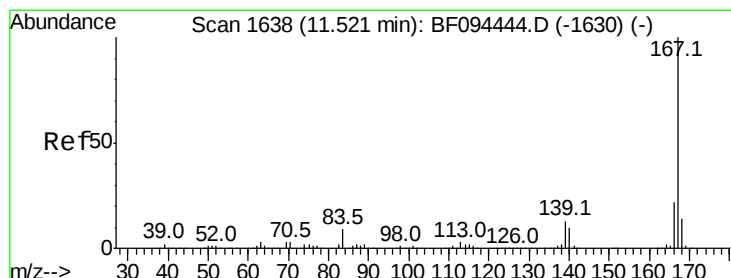
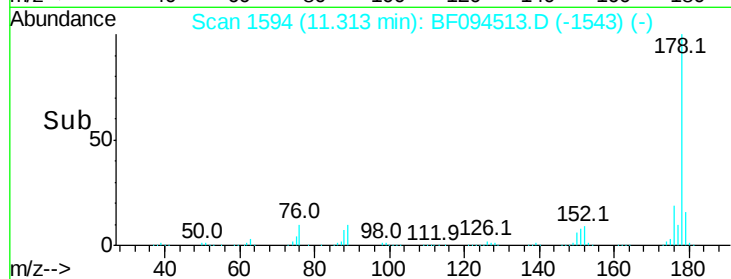
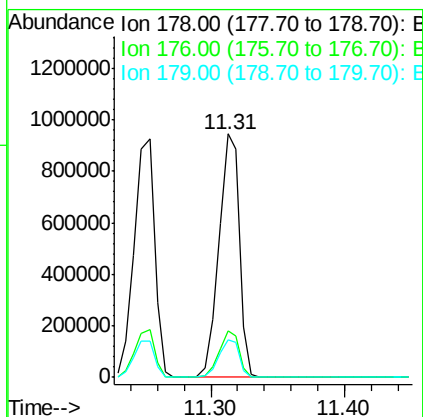
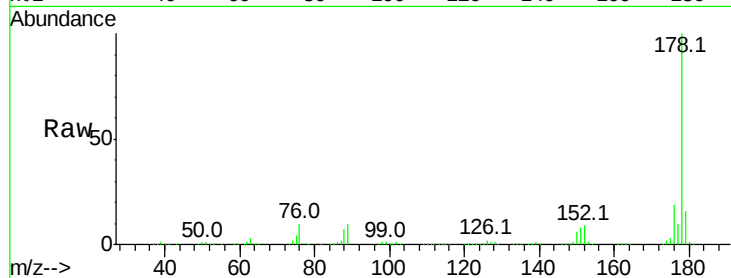




#71
 Anthracene
 Concen: 38.78 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

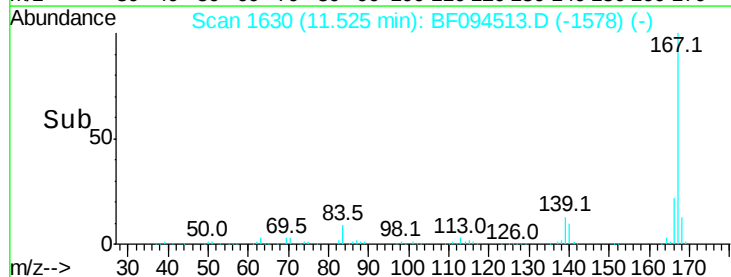
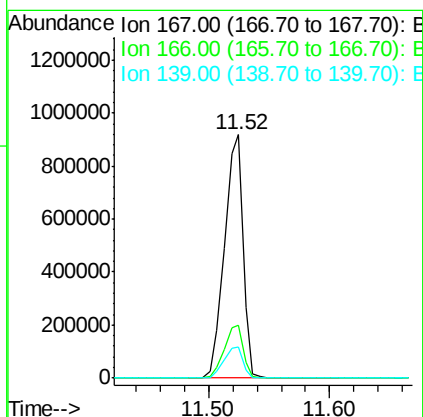
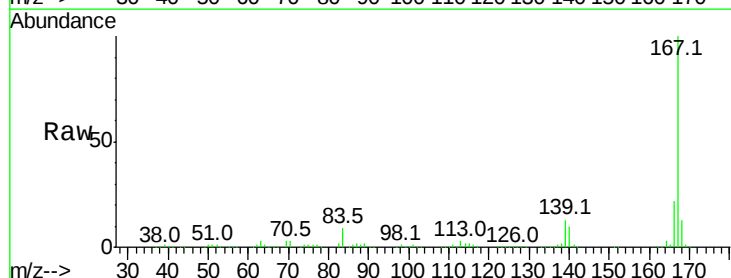
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1026144
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 39.29 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion:167 Resp: 975607
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 12.9 11.7 17.5

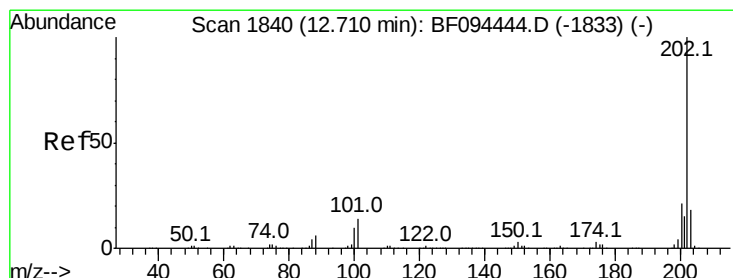
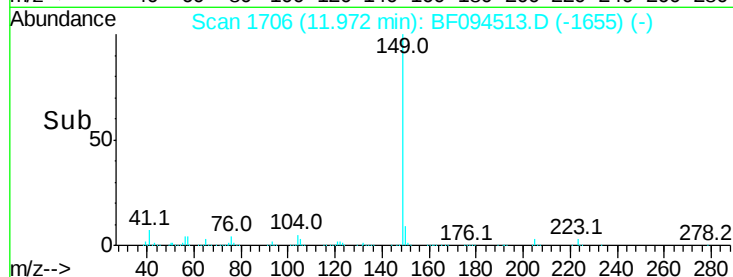
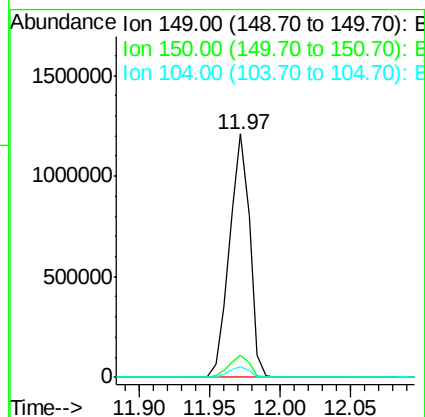
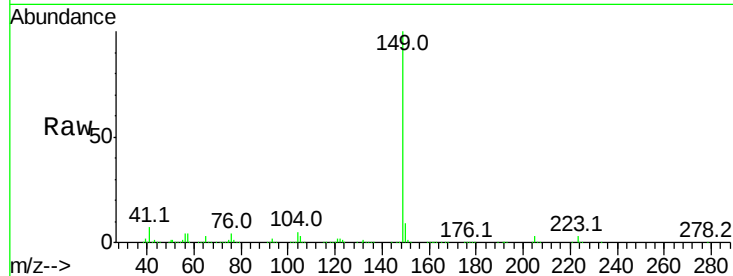




#73
Di-n-butylphthalate
Concen: 43.81 ng
RT: 11.97 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

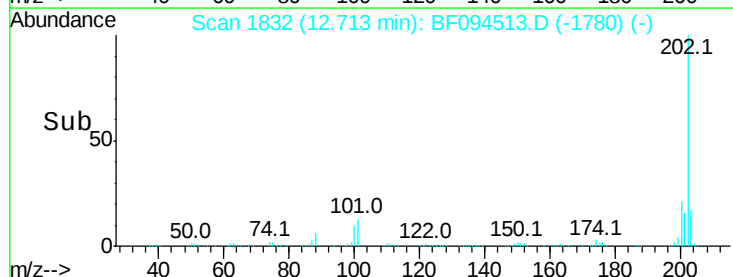
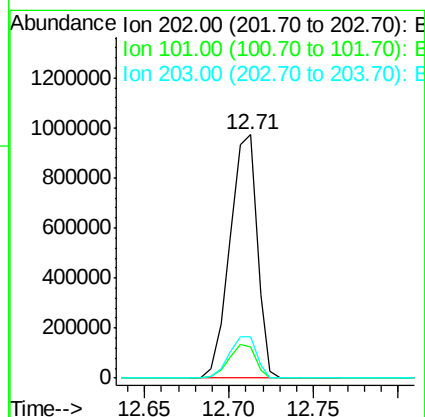
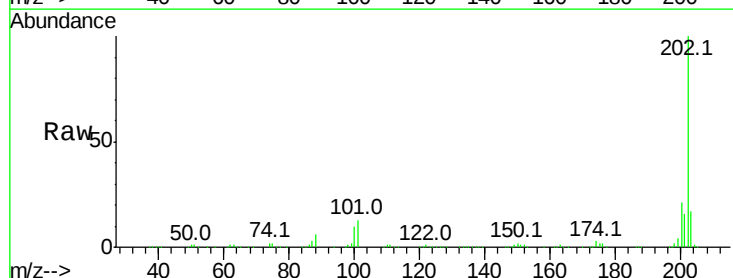
Instrument :
BNA_F
ClientSampleId :

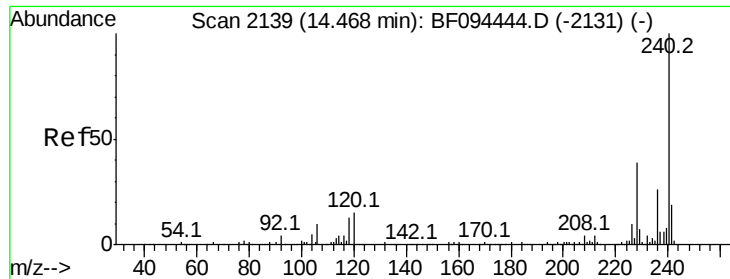
Tot Ion:149 Resp: 1197906
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 41.15 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Tgt Ion:202 Resp: 1090895
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.2
203 17.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Instrument :

BNA_F

ClientSampleId :

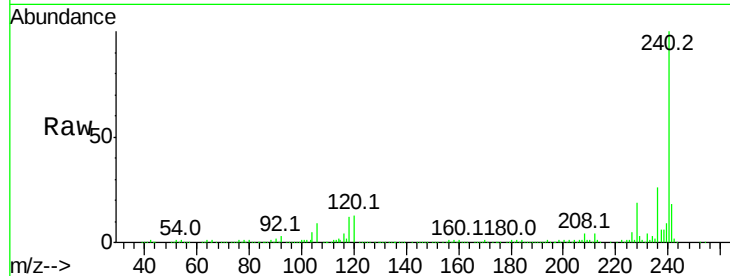
Tot Ion:240 Resp: 416895

Ion Ratio Lower Upper

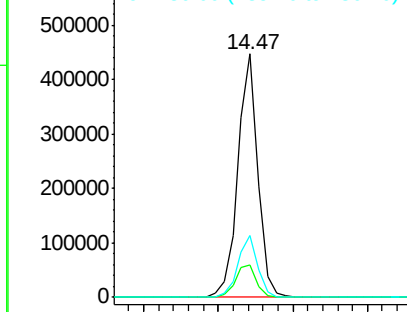
240 100

120 13.3 5.8 8.8#

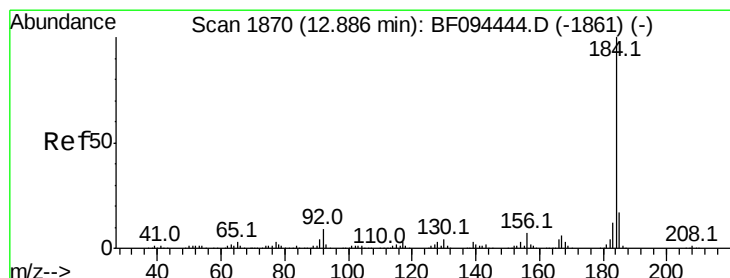
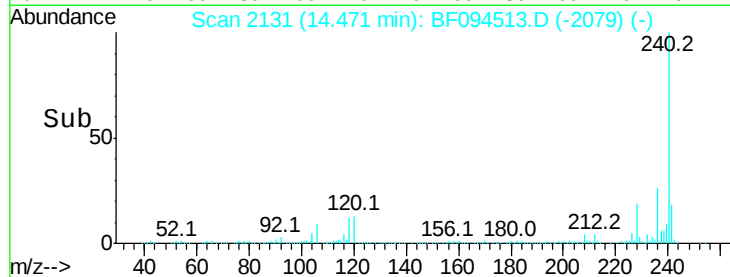
236 25.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 37.31 ng

RT: 12.88 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

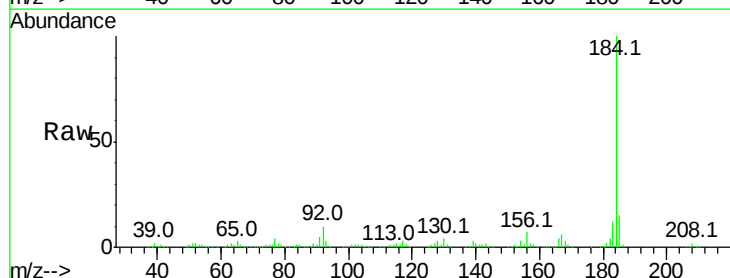
Tgt Ion:184 Resp: 629806

Ion Ratio Lower Upper

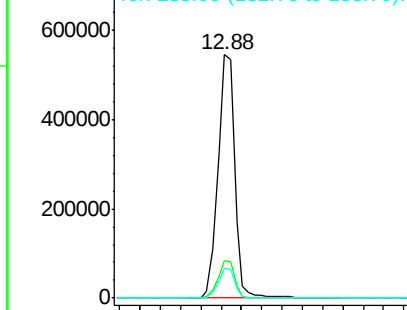
184 100

185 15.5 15.5 23.3#

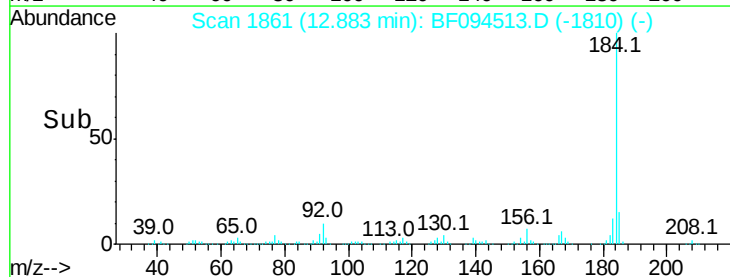
183 12.2 9.8 14.6

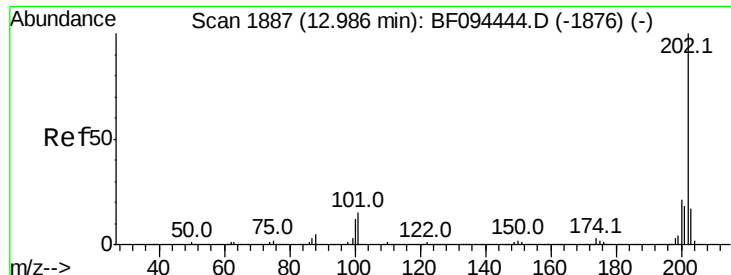


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->

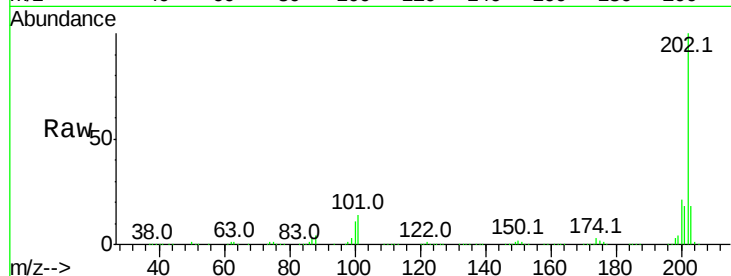




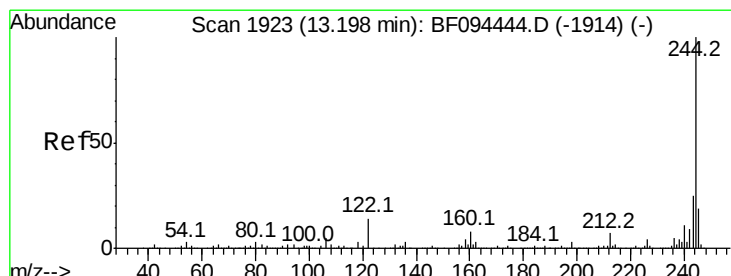
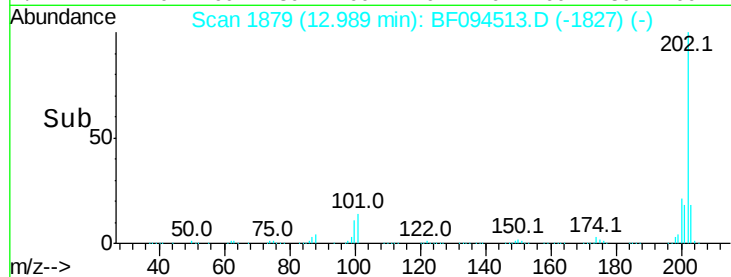
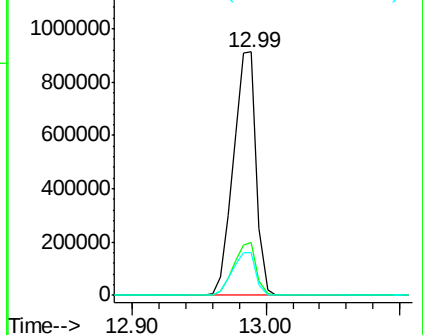
#77
Pvrene
Concen: 37.42 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1089845
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.6 14.4 21.6

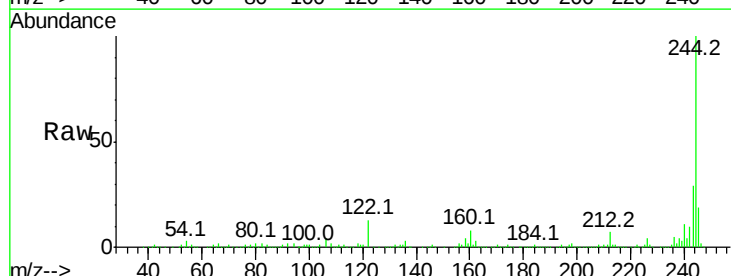


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

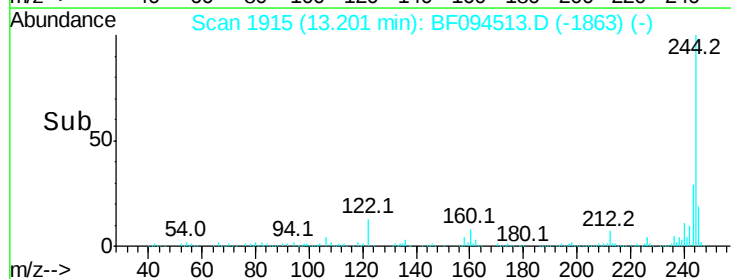
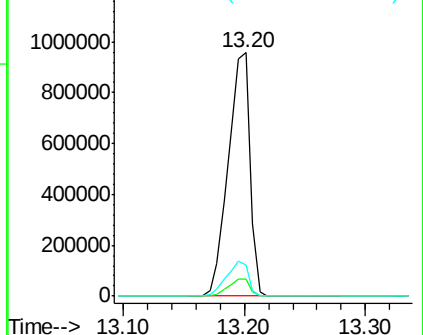


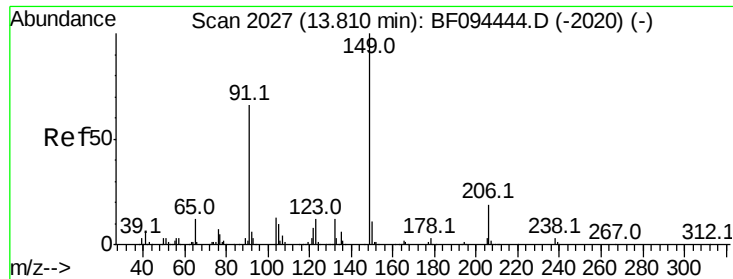
#78
Terphenyl-d14
Concen: 76.99 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Tgt Ion:244 Resp: 1200792
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 12.8 10.3 15.5



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

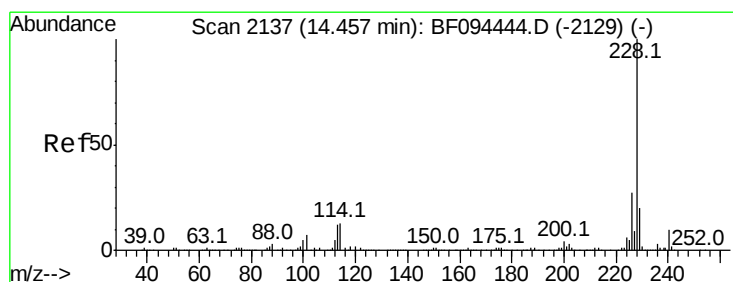
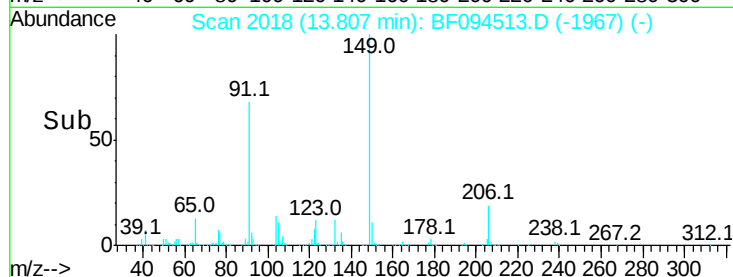
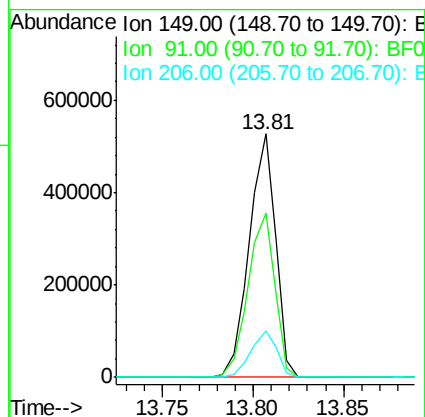
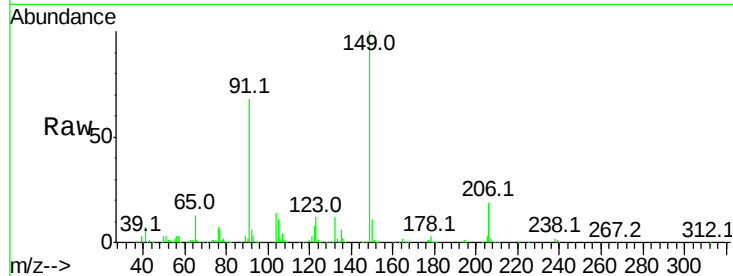




#79
Butylbenzylphthalate
Concen: 41.83 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

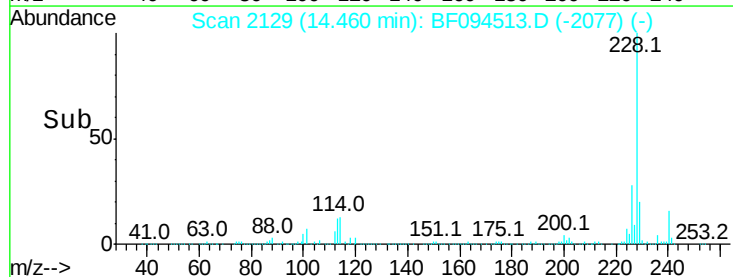
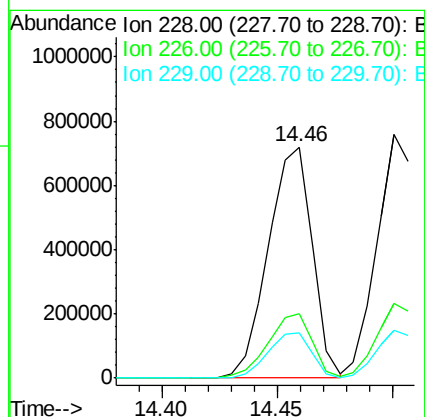
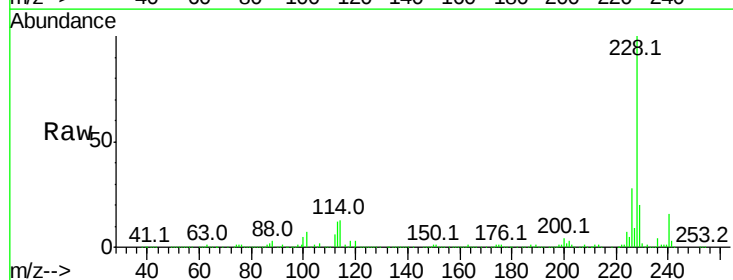
Instrument :
BNA_F
ClientSampleId :

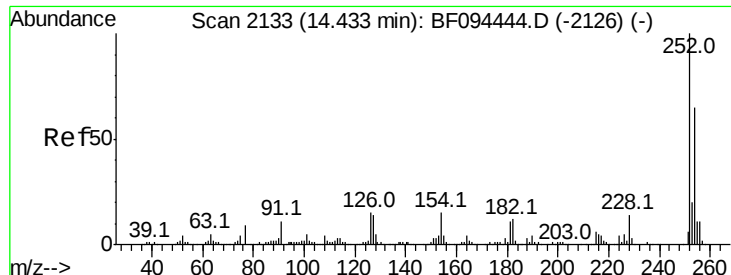
Tot Ion:149 Resp: 533997
Ion Ratio Lower Upper
149 100
91 67.7 45.0 67.4#
206 19.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 39.11 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Tgt Ion:228 Resp: 947702
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.7 16.3 24.5

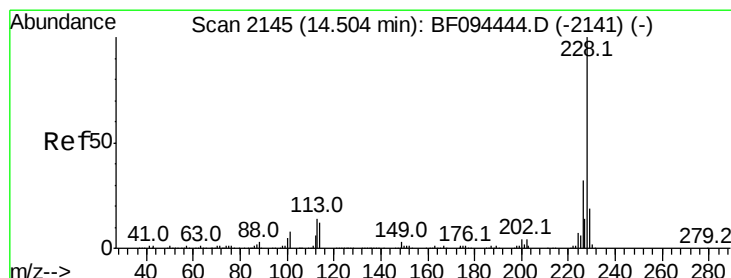
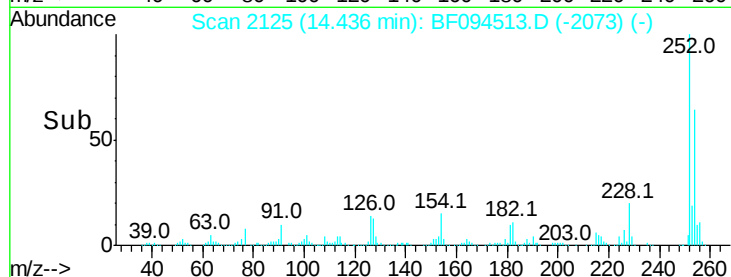
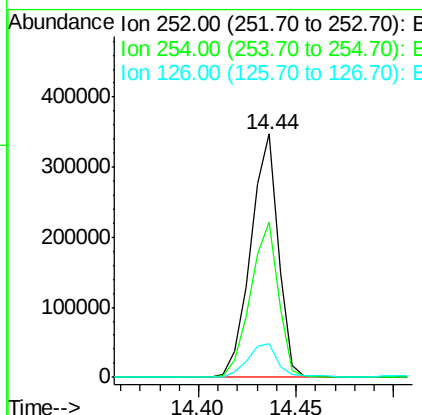
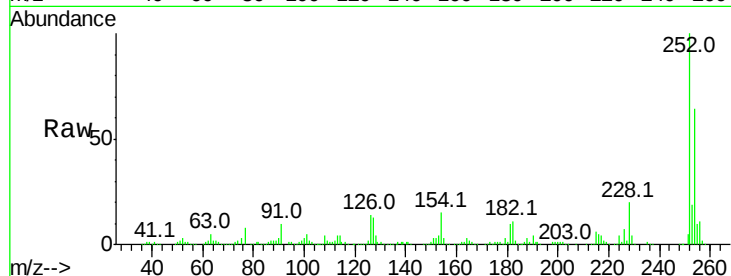




#81
 3,3'-Dichlorobenzidine
 Concen: 39.79 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

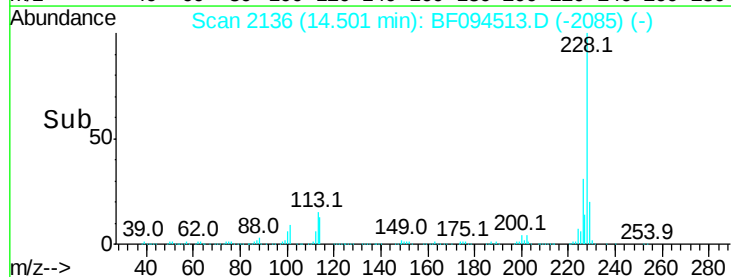
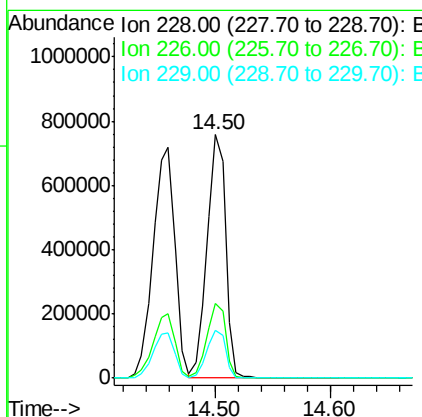
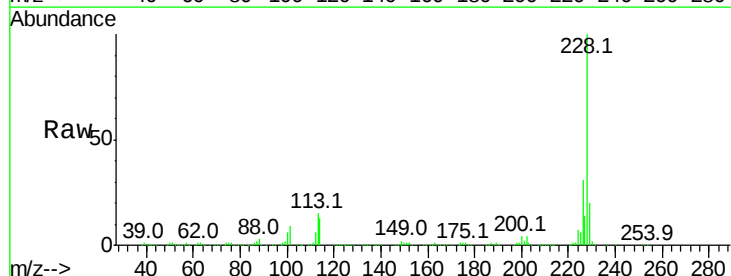
Instrument :
 BNA_F
 ClientSampleId :

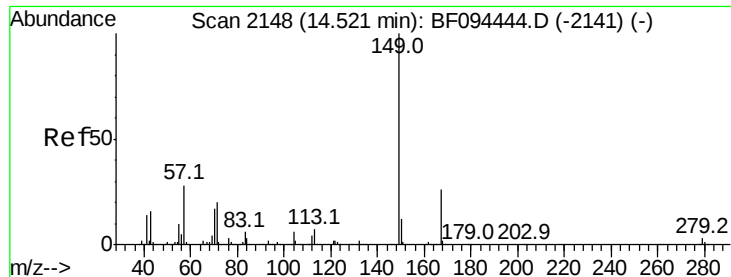
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	13.6	15.8	23.8#



#82
 Chrysene
 Concen: 38.53 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.8	15.8	23.6

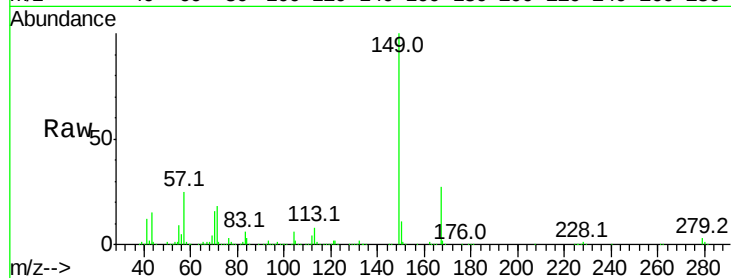




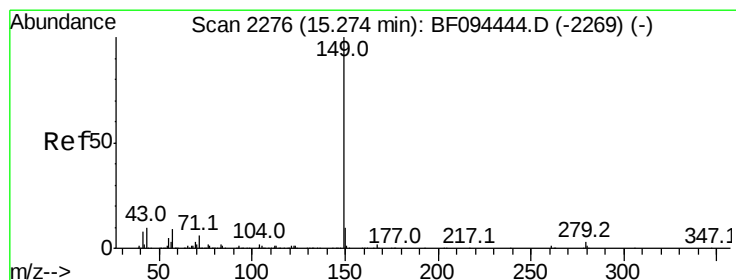
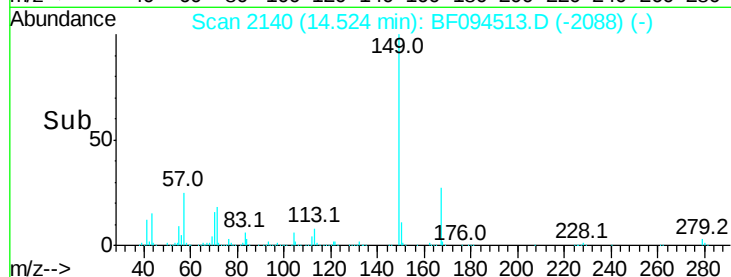
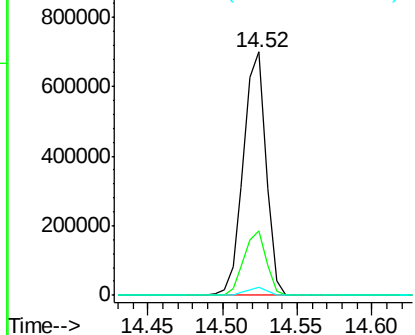
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.14 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 739310
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.4 1.9 2.9#

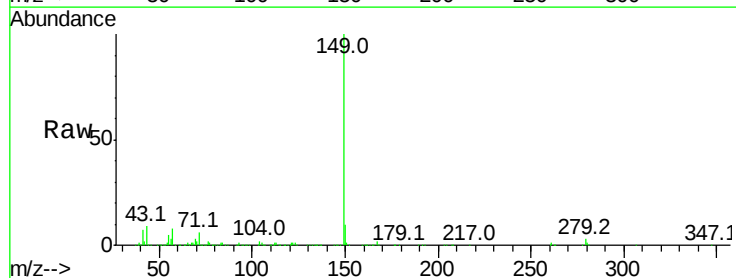


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

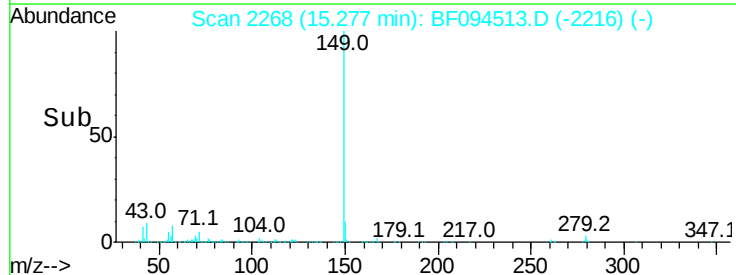
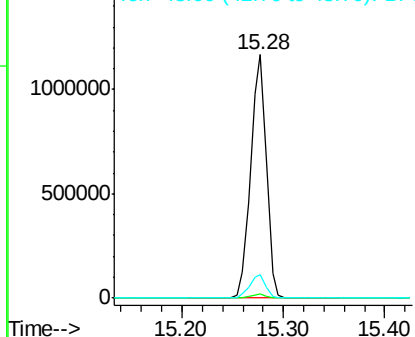


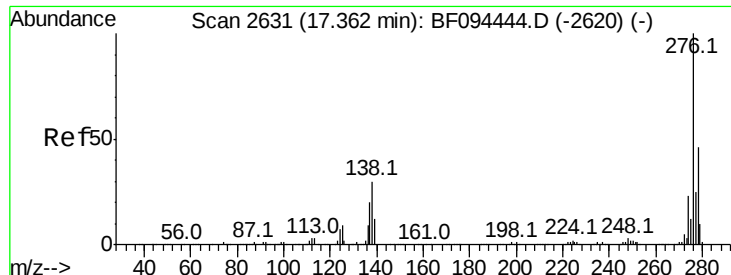
#84
 Di-n-octyl phthalate
 Concen: 43.40 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion:149 Resp: 1247620
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

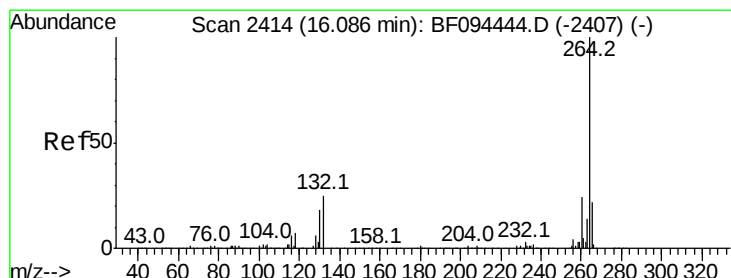
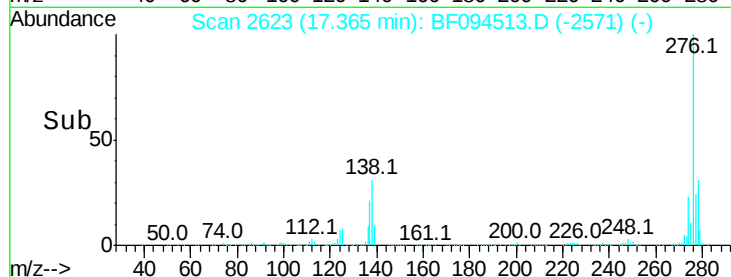
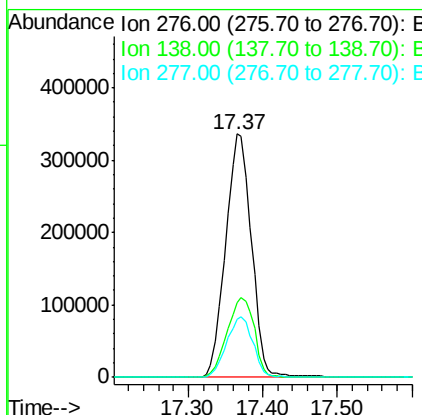
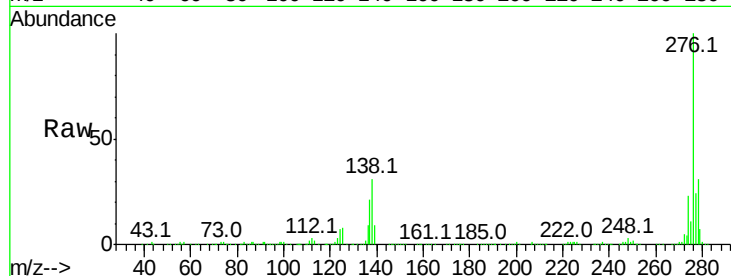




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.51 ng
 RT: 17.37 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

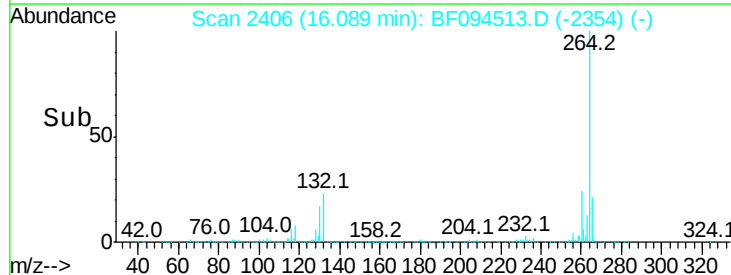
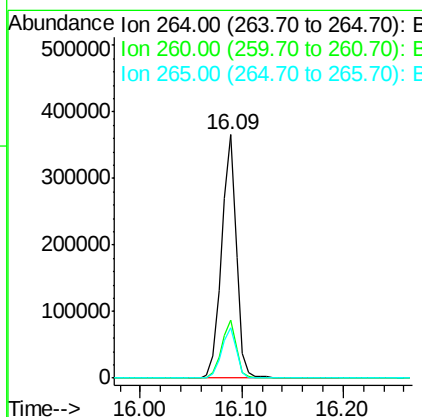
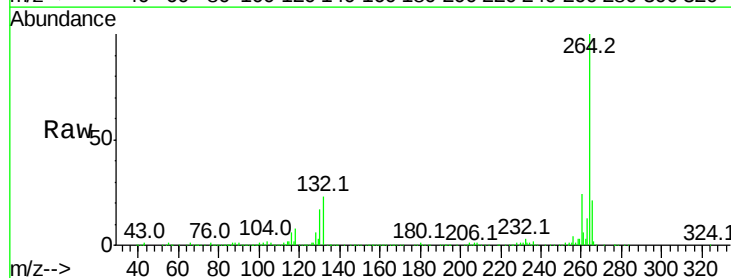
Instrument :
 BNA_F
 ClientSampleId :

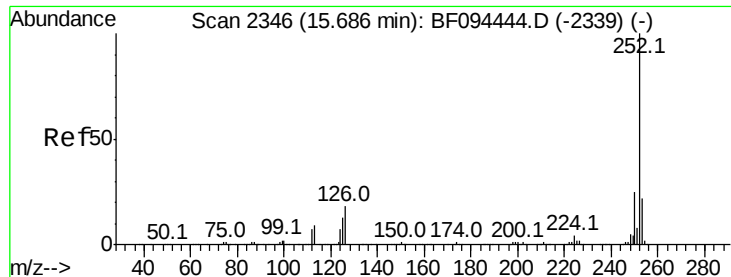
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094513.D
 Acq: 19 Apr 2017 13:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.9	17.2	25.8

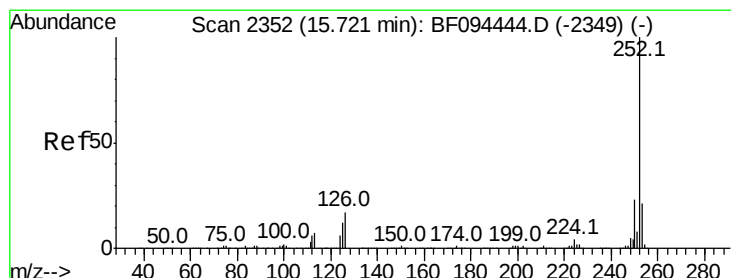
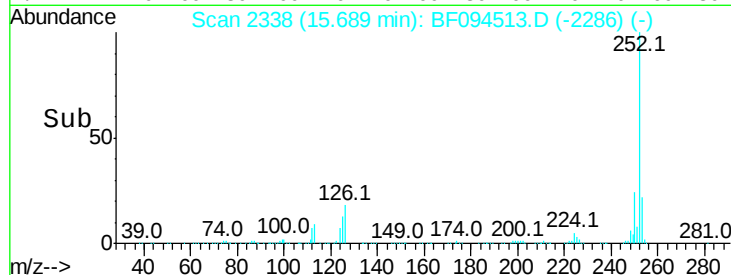
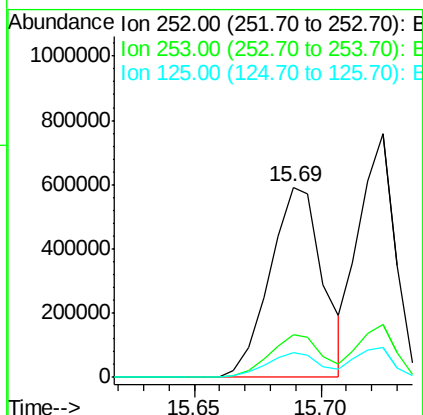
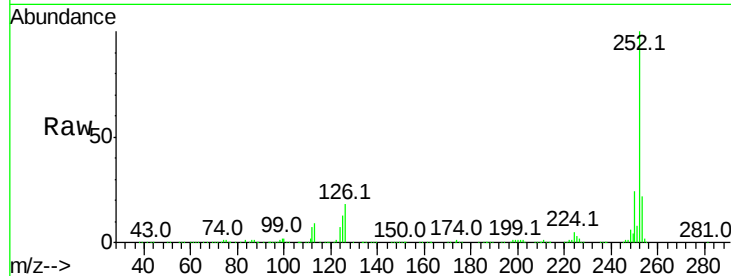




#87
Benzo(b)fluoranthene
Concen: 38.15 ng
RT: 15.69 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

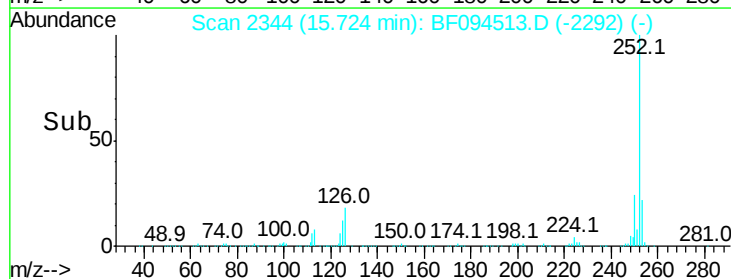
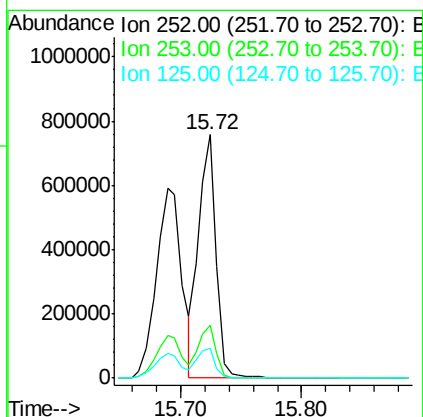
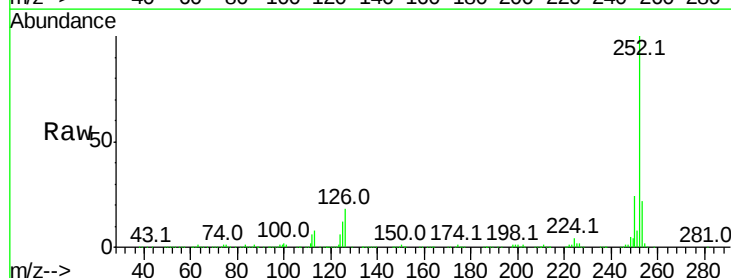
Instrument :
BNA_F
ClientSampleId :

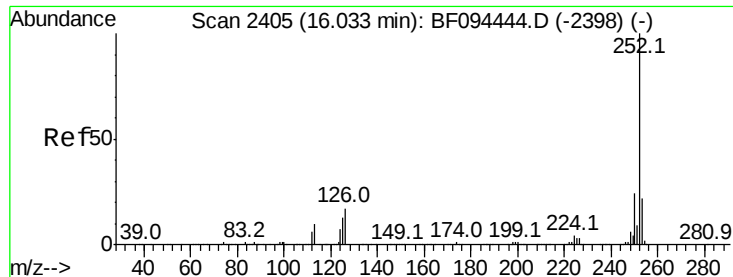
Tot Ion:252 Resp: 861480
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 13.1 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 35.63 ng
RT: 15.72 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Tgt Ion:252 Resp: 761316
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 12.1 13.1 19.7#

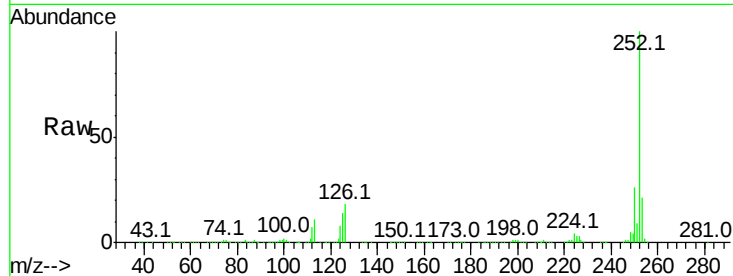




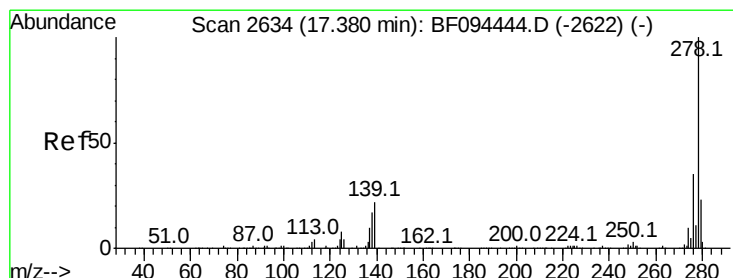
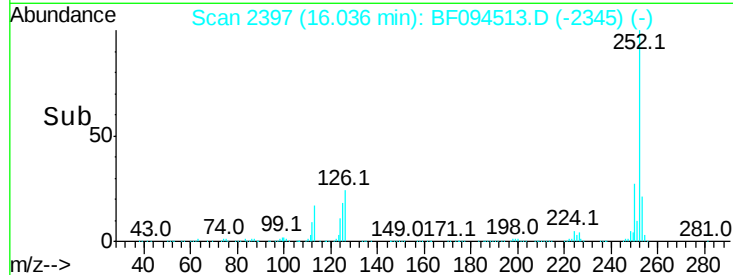
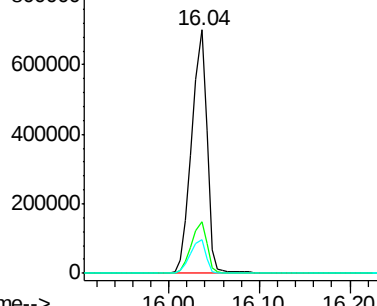
#89
Benzo(a)pyrene
Concen: 39.16 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 822679
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 13.7 11.0 16.4

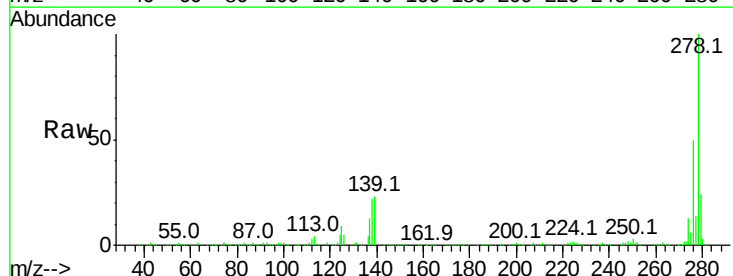


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

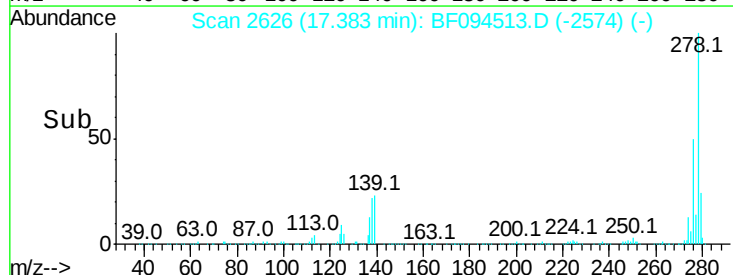
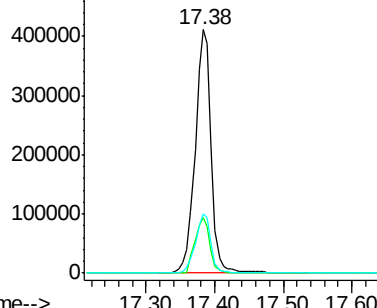


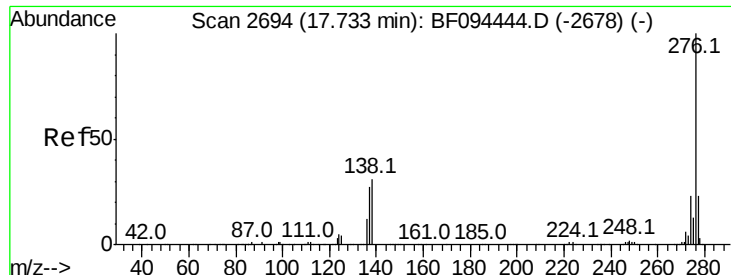
#90
Dibenzo(a,h)anthracene
Concen: 38.52 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BF094513.D
Acq: 19 Apr 2017 13:40

Tgt Ion:278 Resp: 671905
Ion Ratio Lower Upper
278 100
139 22.6 16.6 24.8
279 24.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.06 ng

RT: 17.74 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BF094513.D

Acq: 19 Apr 2017 13:40

Instrument :

BNA_F

ClientSampleId :

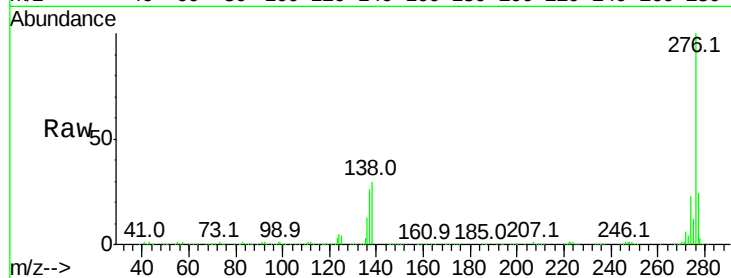
Tot Ion:276 Resp: 658117

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 30.0 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

