

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094482.D
 Acq On : 18 Apr 2017 13:03
 Operator : SJ/MA
 Sample : PB98269BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:09:23 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	5.78	152	123619	20.00	ng	0.01
21) Naphthalene-d8	7.27	136	493502	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	229247	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	456504	20.00	ng	0.00
75) Chrysene-d12	14.47	240	356661	20.00	ng	0.00
86) Perylene-d12	16.09	264	273969	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	943637	126.64	ng	0.03
7) Phenol-d6	5.41	99	1076526	122.55	ng	0.02
23) Nitrobenzene-d5	6.42	82	684175	85.61	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	265703	148.18	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1251866	80.35	ng	0.00
78) Terphenyl-d14	13.20	244	1318718	98.83	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	119053	27.47	ng	95
3) Pyridine	2.66	79	320297	33.82	ng	97
4) n-Nitrosodimethylamine	2.60	42	156382	39.91	ng	88
6) Aniline	5.41	93	390406	33.44	ng	# 87
8) 2-Chlorophenol	5.55	128	348860	41.15	ng	96
9) Benzaldehyde	5.27	77	58313	8.73	ng	98
10) Phenol	5.42	94	422149	39.12	ng	91
11) bis(2-Chloroethyl)ether	5.49	93	315295	40.00	ng	97
12) 1,3-Dichlorobenzene	5.71	146	365395	38.90	ng	98
13) 1,4-Dichlorobenzene	5.80	146	369702	39.12	ng	97
14) 1,2-Dichlorobenzene	5.97	146	343683	39.48	ng	95
15) Benzyl Alcohol	5.95	79	265742	40.78	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	420437	40.68	ng	76
17) 2-Methylphenol	6.10	107	275411	41.24	ng	# 92
18) Hexachloroethane	6.35	117	127486	39.35	ng	# 84
19) n-Nitroso-di-n-propylamine	6.27	70	239506	41.15	ng	95
20) 3+4-Methylphenols	6.28	107	383006	42.21	ng	# 61
22) Acetophenone	6.25	105	490385	40.87	ng	# 84
24) Nitrobenzene	6.45	77	346800	41.21	ng	94
25) Isophorone	6.74	82	617164	41.66	ng	95
26) 2-Nitrophenol	6.82	139	193607	42.82	ng	96
27) 2,4-Dimethylphenol	6.90	122	309777	42.18	ng	99
28) bis(2-Chloroethoxy)methane	7.00	93	400035	41.74	ng	99
29) 2,4-Dichlorophenol	7.12	162	293944	43.02	ng	99
30) 1,2,4-Trichlorobenzene	7.21	180	286289	40.53	ng	99
31) Naphthalene	7.30	128	960900	40.50	ng	100
32) Benzoic acid	7.05	122	76194	19.62	ng	95
33) 4-Chloroaniline	7.37	127	196802	19.94	ng	94
34) Hexachlorobutadiene	7.45	225	146375	41.56	ng	99
35) Caprolactam	7.84	113	46948	21.87	ng	94
36) 4-Chloro-3-methylphenol	8.00	107	303129	42.33	ng	89
37) 2-Methylnaphthalene	8.14	142	682549	42.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	258456	39.59	ng	99
40) Hexachlorocyclopentadiene	8.33	237	256106	96.98	ng	99

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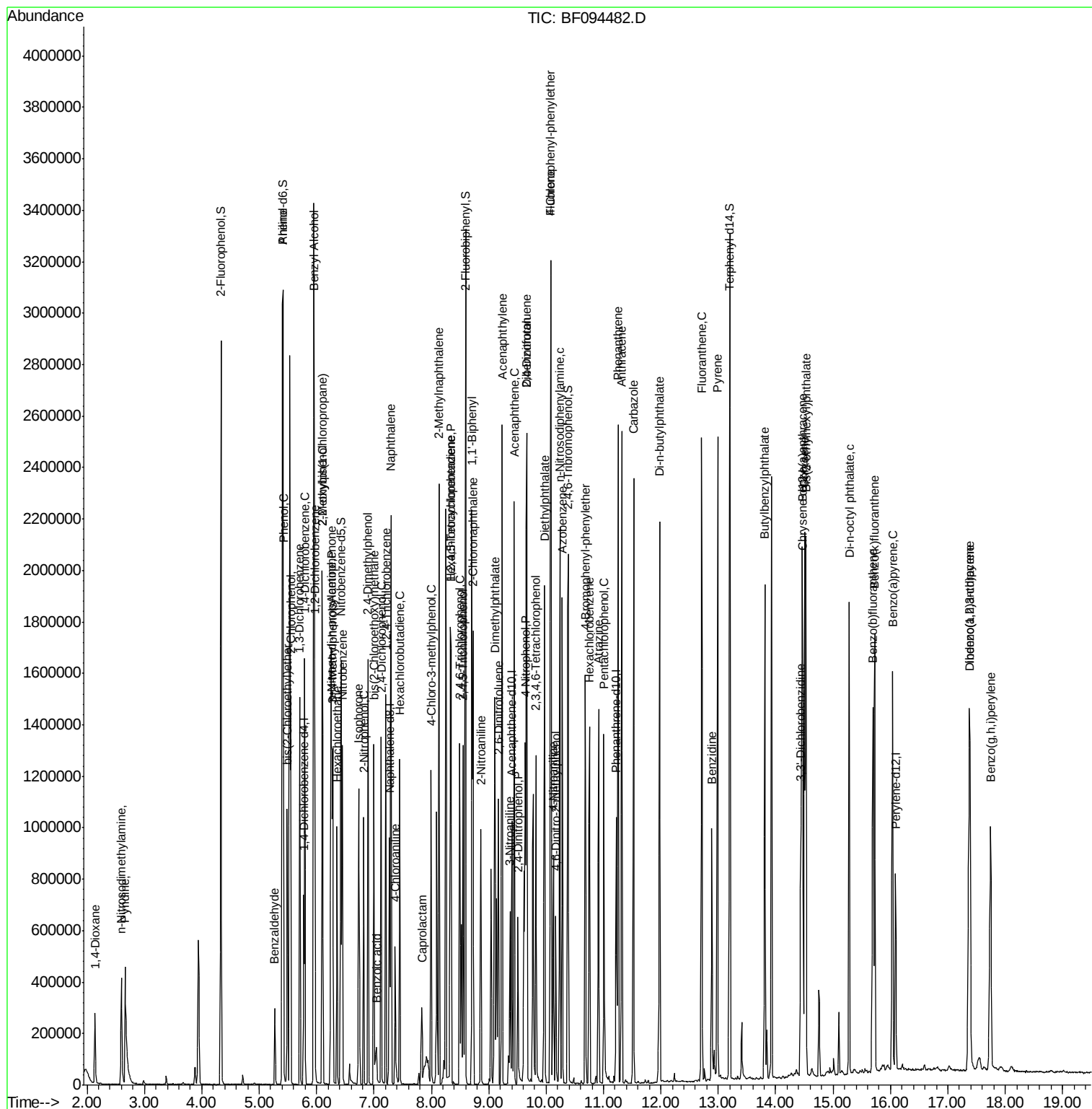
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	191775	41.83	nq	97
43) 2,4,5-Trichlorophenol	8.55	196	207656	44.11	nq	# 92
45) 1,1'-Biphenyl	8.71	154	715822	38.22	nq	98
46) 2-Chloronaphthalene	8.73	162	607709	40.80	nq	97
47) 2-Nitroaniline	8.86	65	187496	43.76	nq	90
48) Acenaphthylene	9.23	152	953966	41.09	nq	99
49) Dimethylphthalate	9.11	163	757702	44.35	nq	100
50) 2,6-Dinitrotoluene	9.17	165	171616	44.75	nq	99
51) Acenaphthene	9.44	154	578659	41.61	nq	99
52) 3-Nitroaniline	9.37	138	124024	27.95	nq	91
53) 2,4-Dinitrophenol	9.51	184	105654	52.88	nq	# 70
54) Dibenzofuran	9.66	168	859140	42.51	nq	99
55) 4-Nitrophenol	9.64	139	335498	107.04	nq	# 72
56) 2,4-Dinitrotoluene	9.67	165	225039	47.83	nq	# 83
57) Fluorene	10.08	166	709507	45.08	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	159068	47.14	nq	97
59) Diethylphthalate	9.97	149	782144	48.52	nq	98
60) 4-Chlorophenyl-phenylether	10.09	204	306580	46.81	nq	88
61) 4-Nitroaniline	10.13	138	198667	44.05	nq	96
62) Azobenzene	10.28	77	740631	47.32	nq	95
64) 4,6-Dinitro-2-methylphenol	10.17	198	103866	34.73	nq	# 63
65) n-Nitrosodiphenylamine	10.24	169	667280	42.03	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	192265	42.42	nq	99
67) Hexachlorobenzene	10.75	284	193429	42.34	nq	# 86
68) Atrazine	10.92	200	206547	43.49	nq	96
69) Pentachlorophenol	11.01	266	170996	94.27	nq	98
70) Phenanthrene	11.25	178	1082717	42.12	nq	99
71) Anthracene	11.32	178	1123123	42.24	nq	99
72) Carbazole	11.52	167	1069172	42.84	nq	99
73) Di-n-butylphthalate	11.98	149	1291664	47.00	nq	99
74) Fluoranthene	12.71	202	1158586	43.49	nq	99
76) Benzidine	12.89	184	447565	30.99	nq	# 93
77) Pyrene	12.99	202	1171564	47.02	nq	99
79) Butylbenzylphthalate	13.81	149	548660	50.24	nq	89
80) Benzo(a)anthracene	14.46	228	912876	44.04	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	184464	25.14	nq	# 97
82) Chrysene	14.51	228	828916	43.75	nq	100
83) Bis(2-ethylhexyl)phthalate	14.53	149	743568	50.71	nq	# 100
84) Di-n-octyl phthalate	15.28	149	1107251	45.02	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	789922	43.82	nq	99
87) Benzo(b)fluoranthene	15.69	252	736011	43.92	nq	100
88) Benzo(k)fluoranthene	15.72	252	682738	43.05	nq	95
89) Benzo(a)pyrene	16.04	252	679448	43.58	nq	99
90) Dibenzo(a,h)anthracene	17.39	278	656630	50.72	nq	98
91) Benzo(g,h,i)perylene	17.75	276	678667	51.49	nq	99

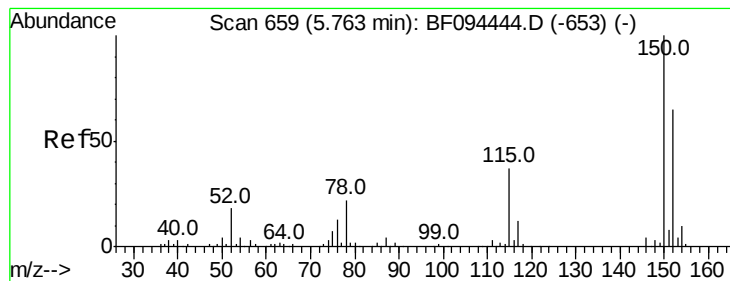
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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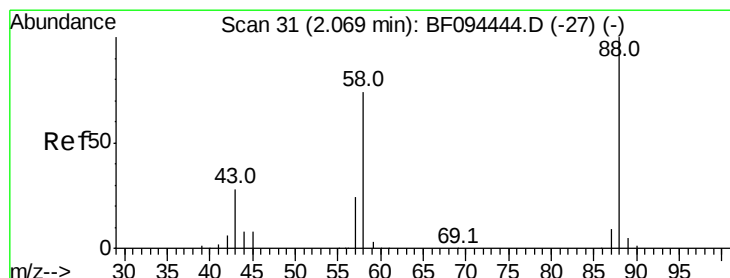
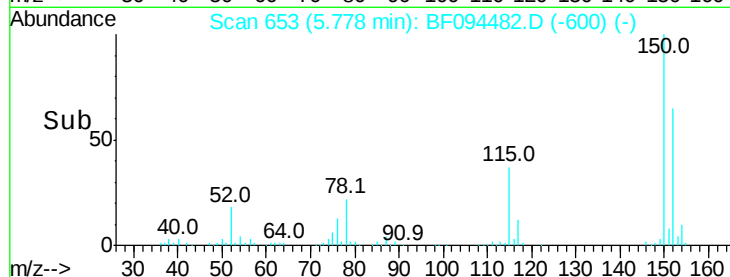
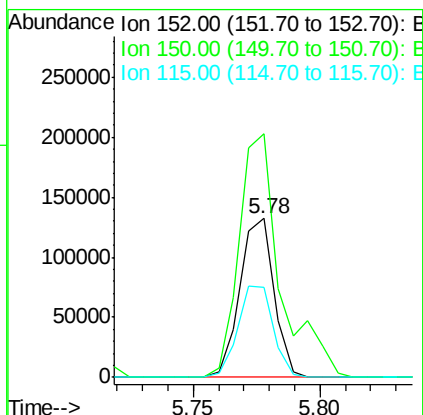
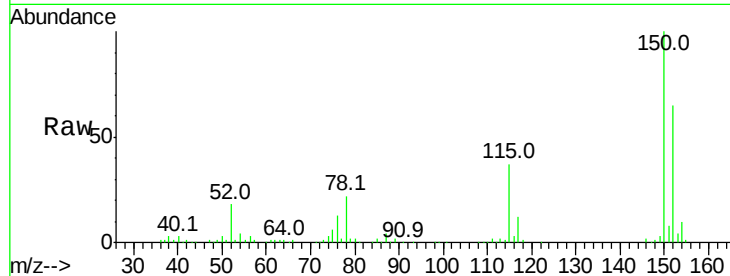


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.78 min Scan# 653
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampled :

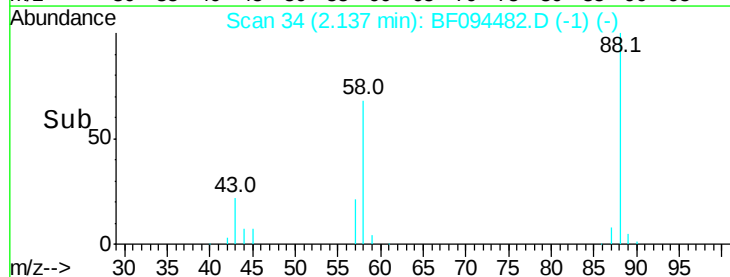
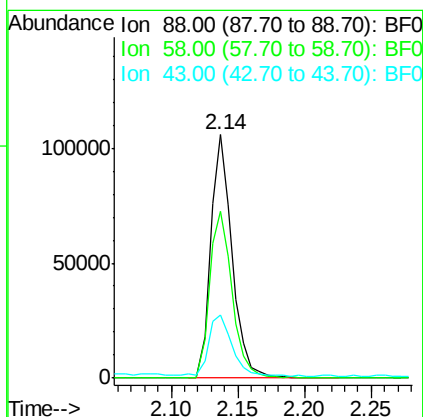
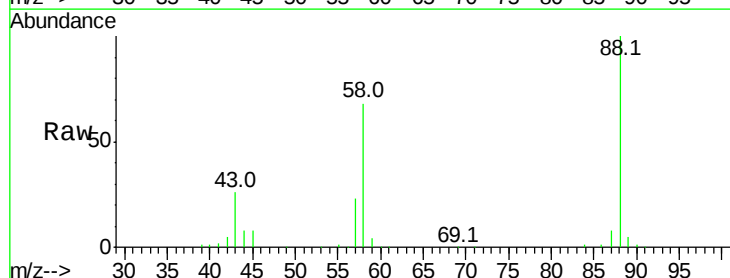
Tot Ion:152 Resp: 123619
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.2
115 56.4 52.2 78.2

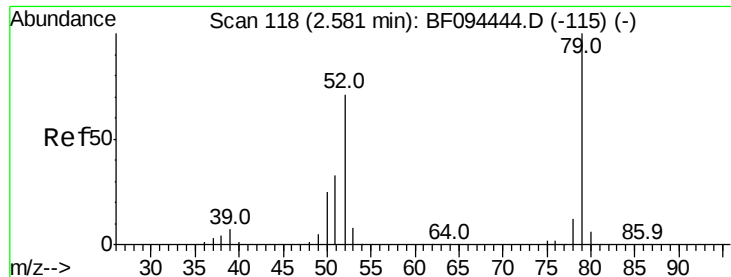


#2

1,4-Dioxane
Concen: 27.47 ng
RT: 2.14 min Scan# 34
Delta R.T. 0.07 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion: 88 Resp: 119053
Ion Ratio Lower Upper
88 100
58 71.9 61.4 92.0
43 28.0 23.4 35.0





#3

Pvridine

Concen: 33.82 ng

RT: 2.66 min Scan# 123

Delta R.T. 0.08 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampled :

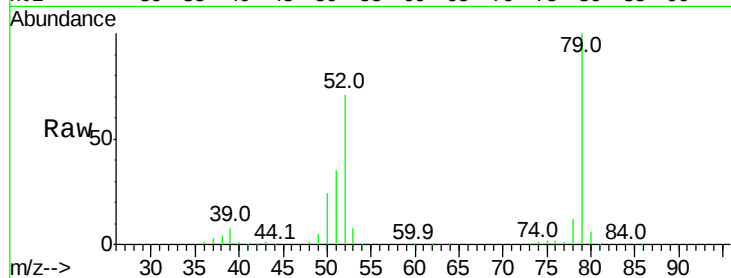
Tot Ion: 79 Resp: 320297

Ion Ratio Lower Upper

79 100

52 71.1 54.8 82.2

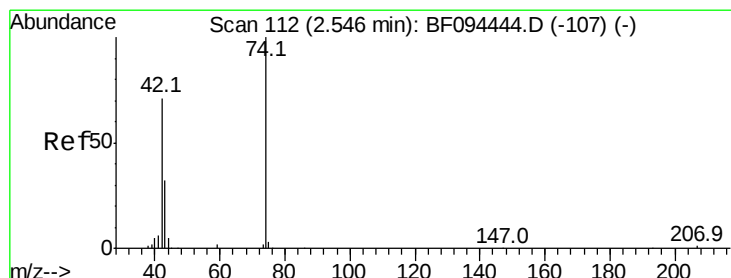
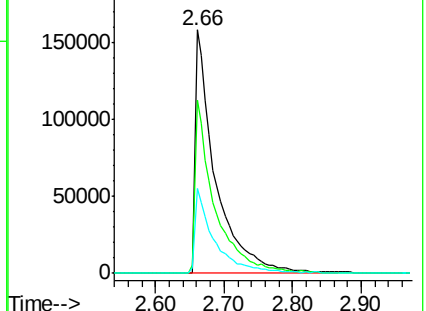
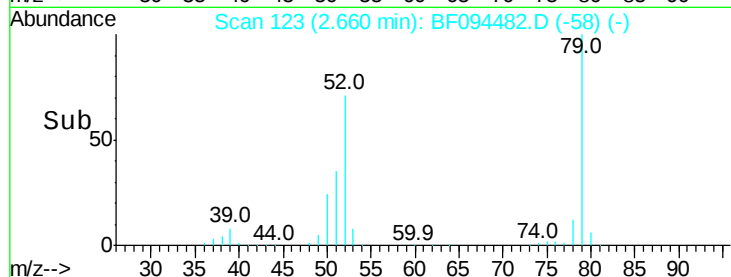
51 34.7 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.91 ng

RT: 2.60 min Scan# 113

Delta R.T. 0.06 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

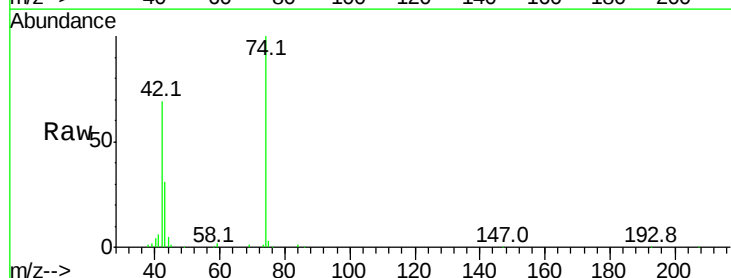
Tgt Ion: 42 Resp: 156382

Ion Ratio Lower Upper

42 100

74 144.1 103.9 155.9

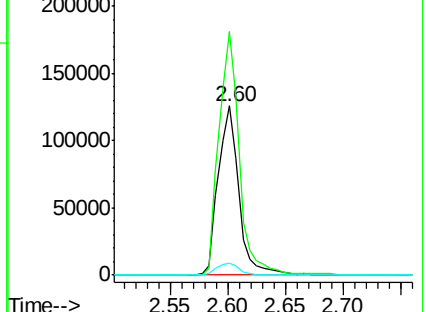
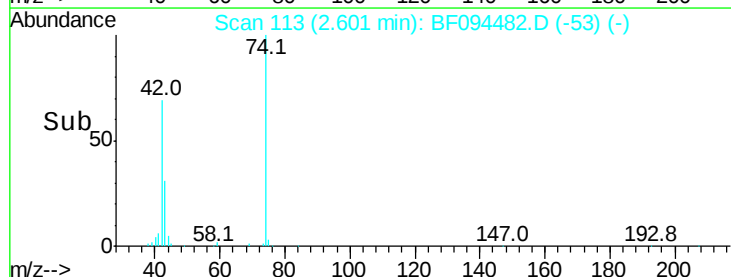
44 7.3 5.7 8.5

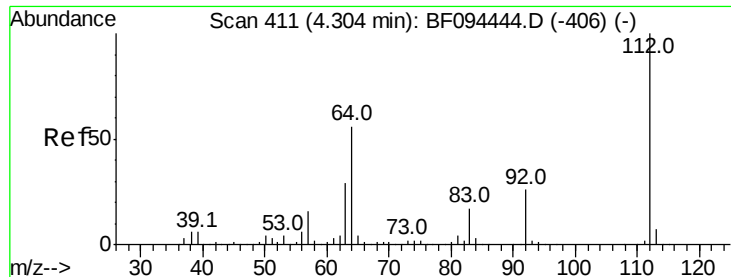


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 126.64 ng

RT: 4.34 min Scan# 408

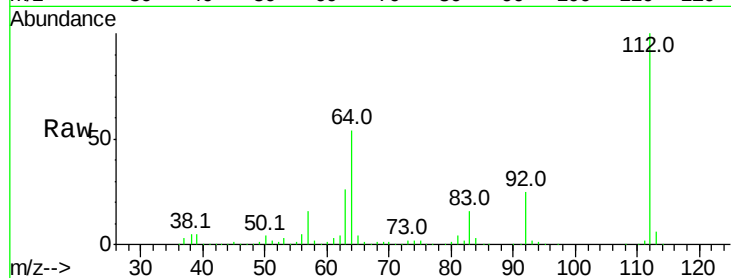
Delta R.T. 0.03 min

Lab File: BF094482.D

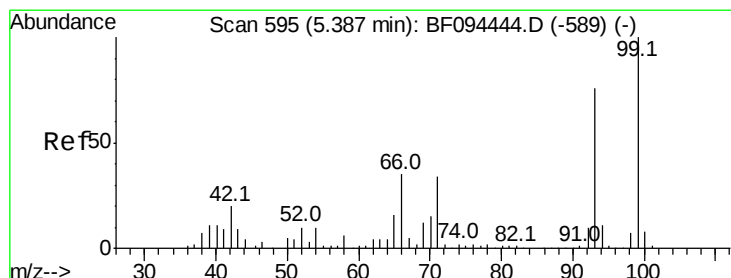
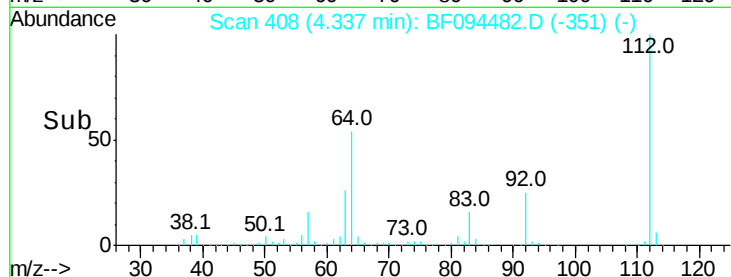
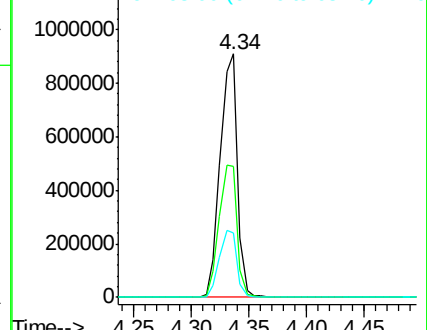
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	943637
Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	26.3	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 33.44 ng

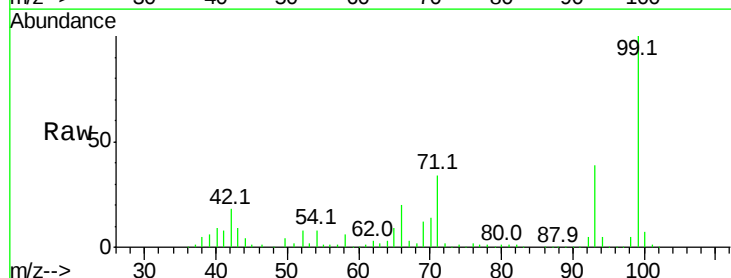
RT: 5.41 min Scan# 590

Delta R.T. 0.02 min

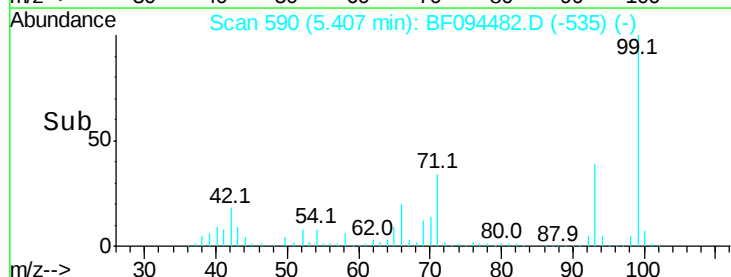
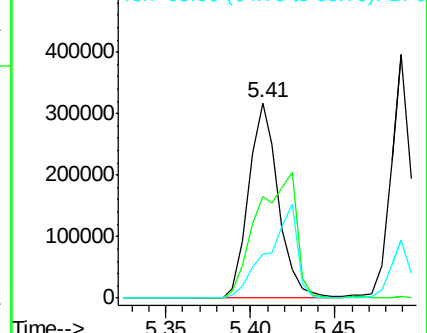
Lab File: BF094482.D

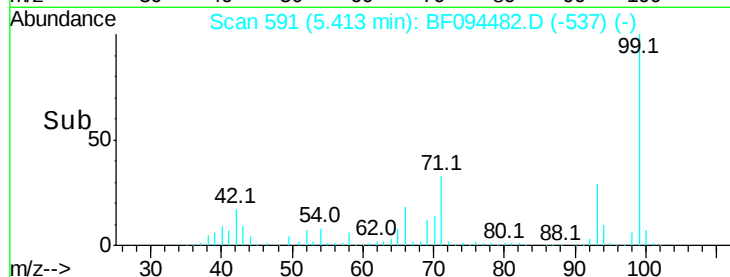
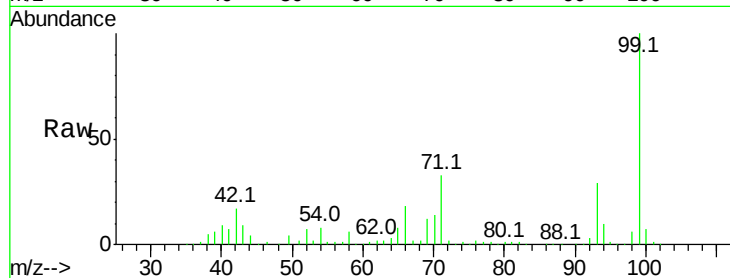
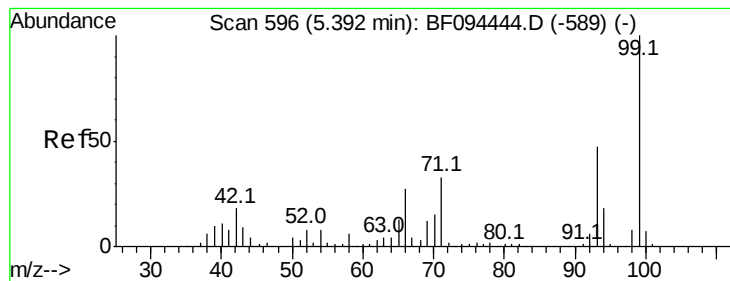
Acq: 18 Apr 2017 13:03

Tgt Ion:	93	Resp:	390406
Ion	Ratio	Lower	Upper
93	100		
66	51.7	32.9	49.3#
65	22.3	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 122.55 ng

RT: 5.41 min Scan# 591

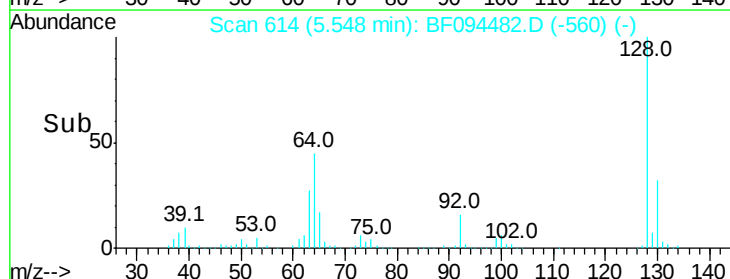
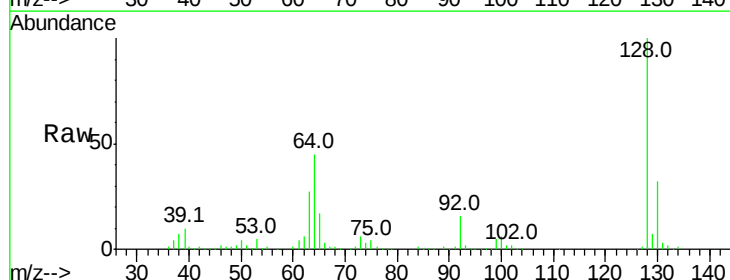
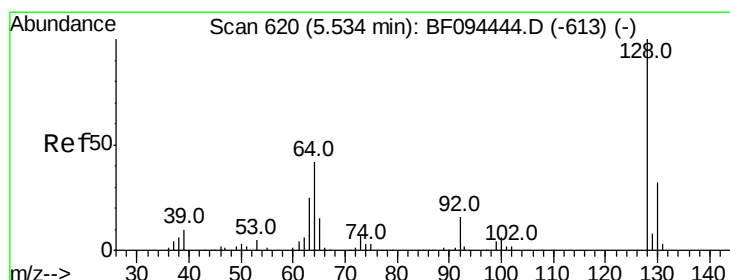
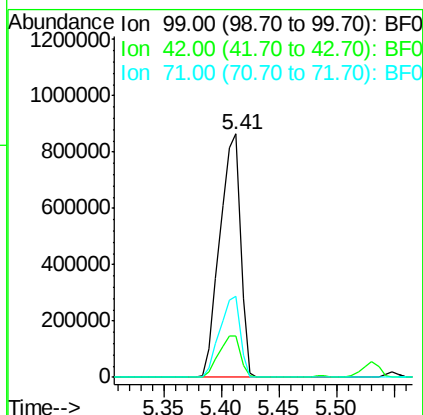
Delta R.T. 0.02 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Tot Ion: 99 Resp: 1076526

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	33.3	24.5	36.7



#8

2-Chlorophenol

Concen: 41.15 ng

RT: 5.55 min Scan# 614

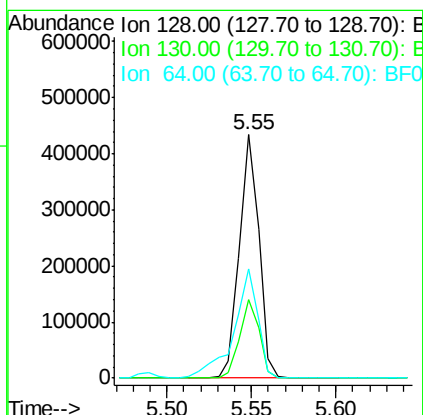
Delta R.T. 0.01 min

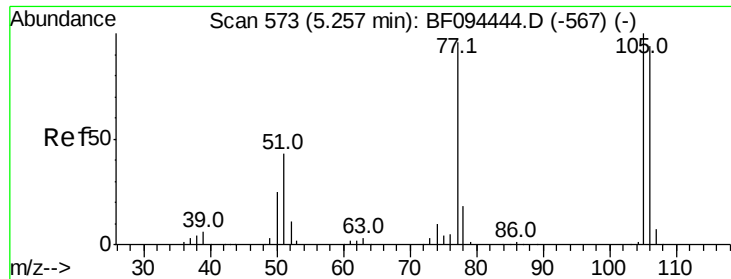
Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Tgt Ion: 128 Resp: 348860

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	44.9	28.4	68.4

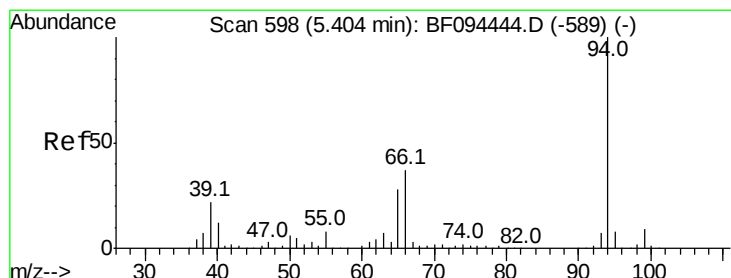
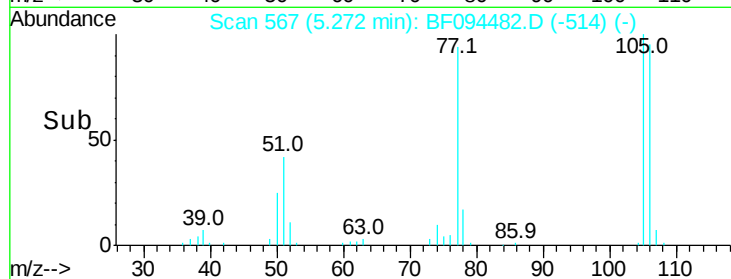
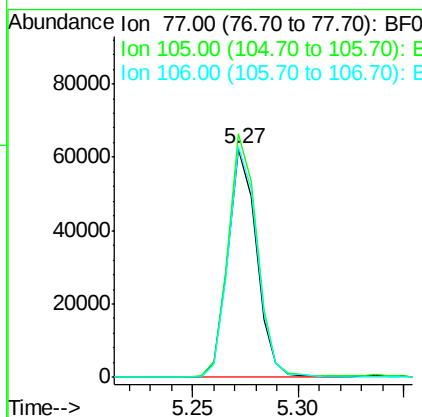
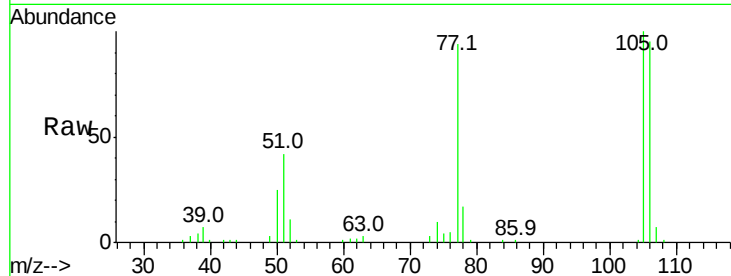




#9
Benzaldehydve
Concen: 8.73 ng
RT: 5.27 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

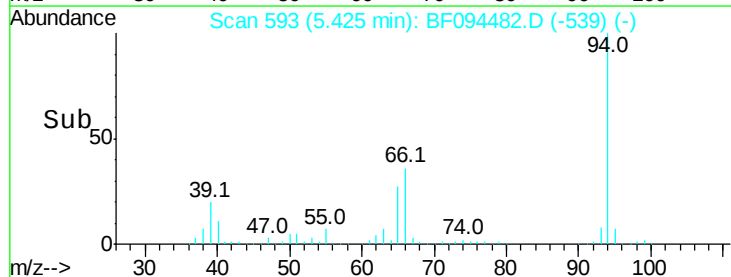
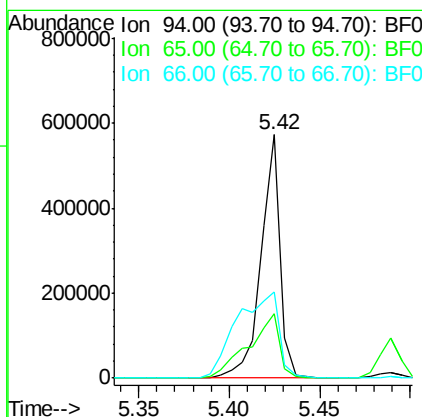
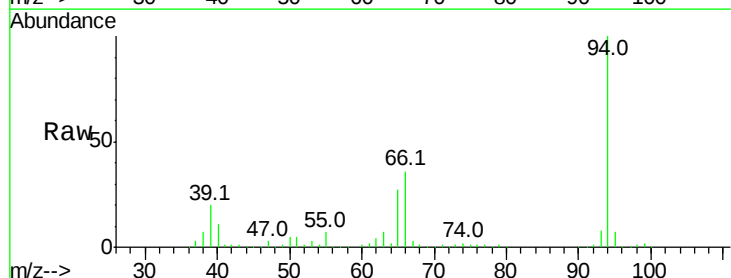
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BNA_F
ClientSampleId :

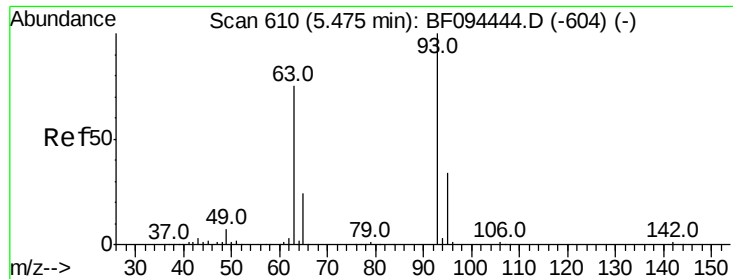
Tot Ion: 77 Resp: 58313
Ion Ratio Lower Upper
77 100
105 106.4 83.8 123.8
106 100.9 79.1 119.1



#10
Phenol
Concen: 39.12 ng
RT: 5.42 min Scan# 593
Delta R.T. 0.02 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion: 94 Resp: 422149
Ion Ratio Lower Upper
94 100
65 26.7 9.9 49.9
66 35.6 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 40.00 ng

RT: 5.49 min Scan# 604

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampled :

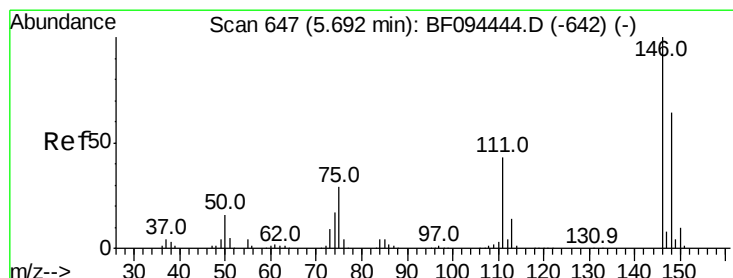
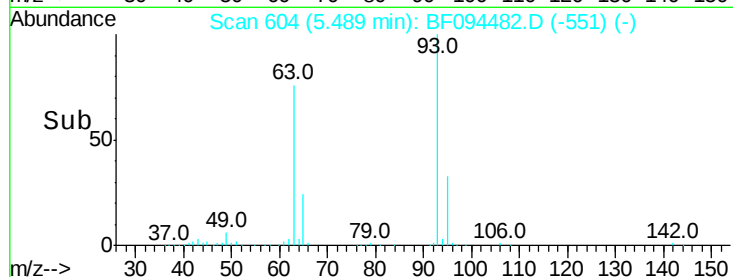
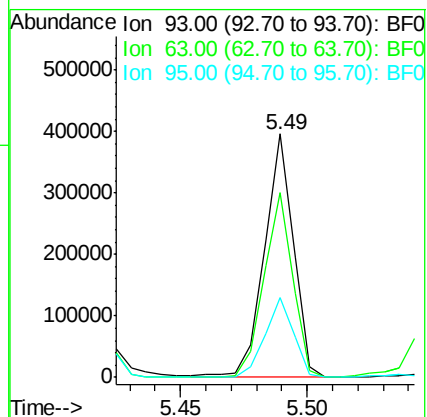
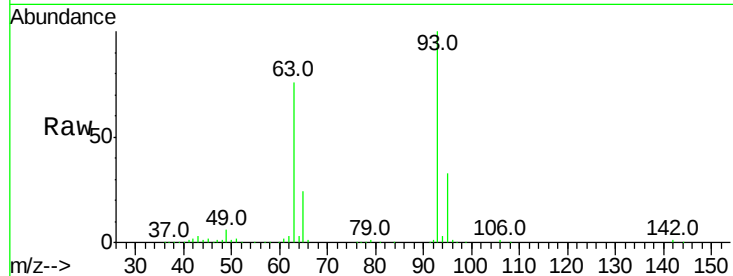
Tot Ion: 93 Resp: 315295

Ion Ratio Lower Upper

93 100

63 76.0 59.2 99.2

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.90 ng

RT: 5.71 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

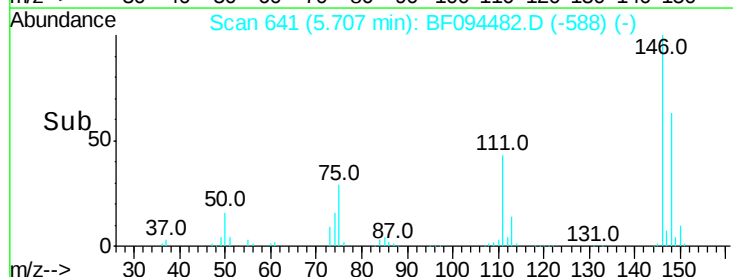
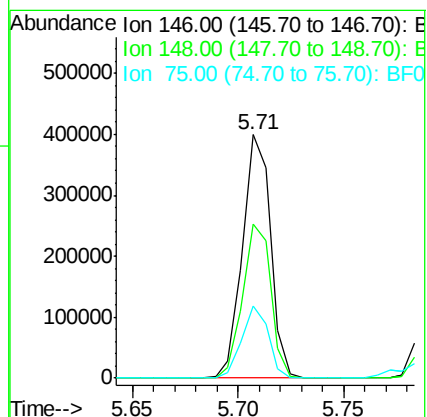
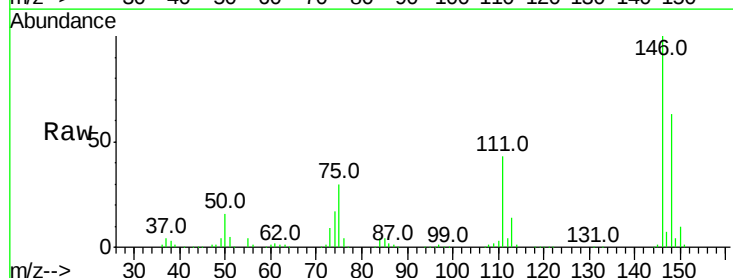
Tgt Ion: 146 Resp: 365395

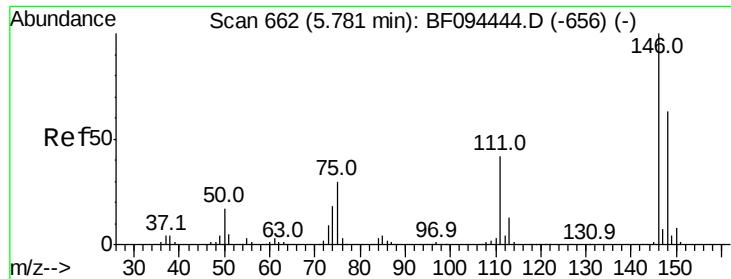
Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

75 29.7 23.1 34.7

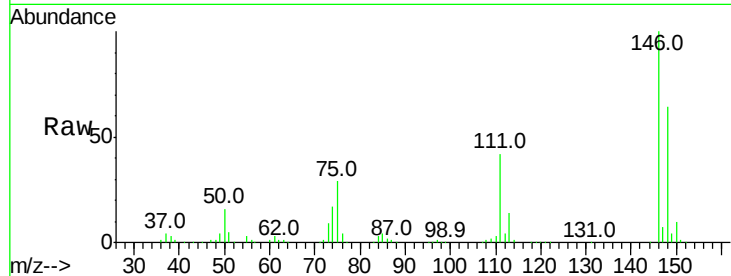




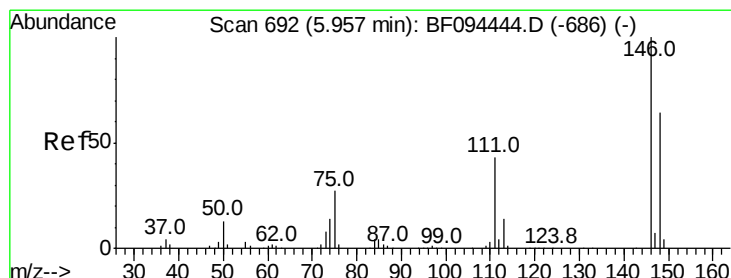
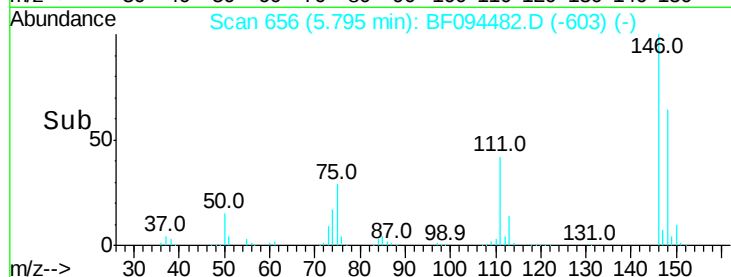
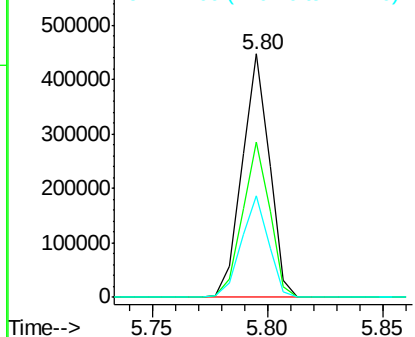
#13
 1,4-Dichlorobenzene
 Concen: 39.12 ng
 RT: 5.80 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 369702
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 41.5 30.3 45.5

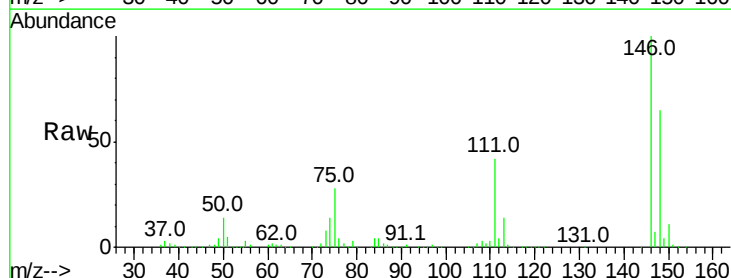


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

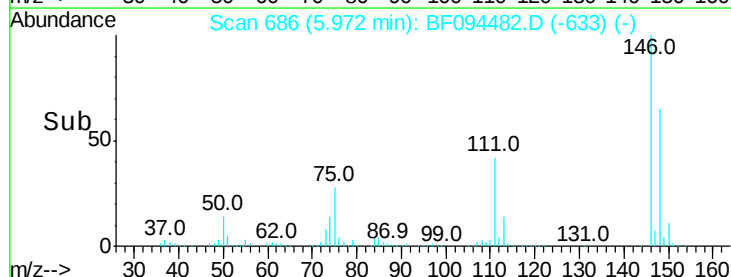
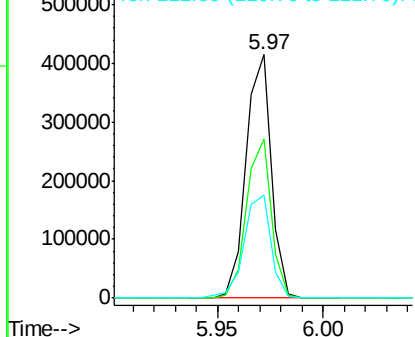


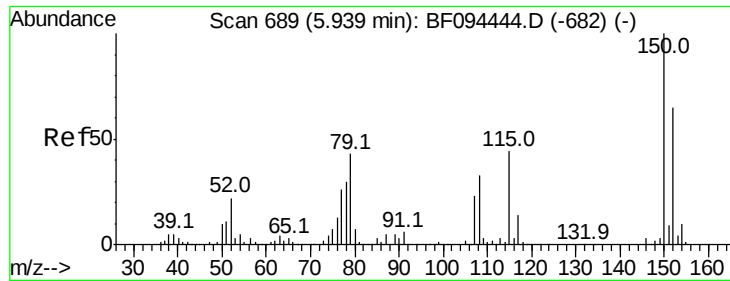
#14
 1,2-Dichlorobenzene
 Concen: 39.48 ng
 RT: 5.97 min Scan# 686
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion:146 Resp: 343683
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.4 75.6
 111 42.4 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

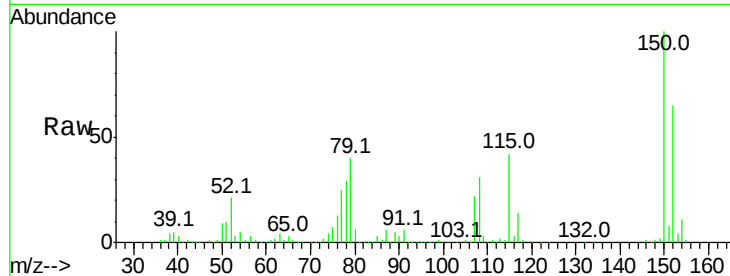




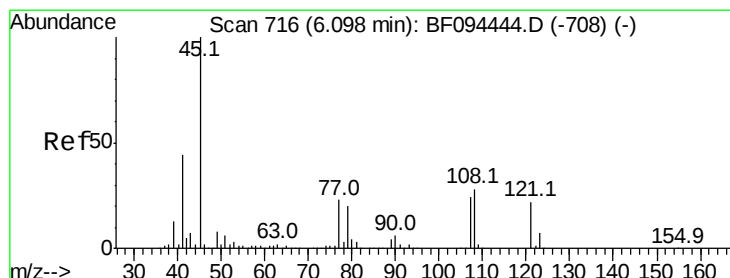
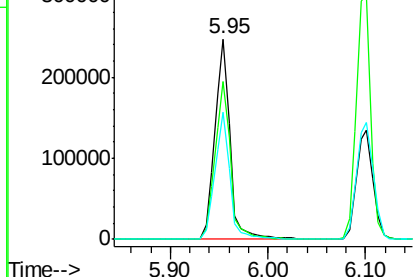
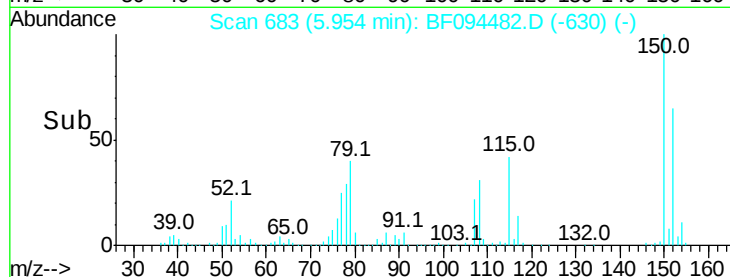
#15
Benzyl Alcohol
Concen: 40.78 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 265742
Ion Ratio Lower Upper
79 100
108 78.8 63.4 95.0
77 63.7 49.2 73.8

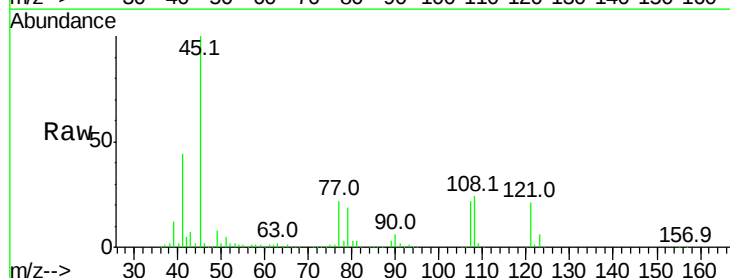


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

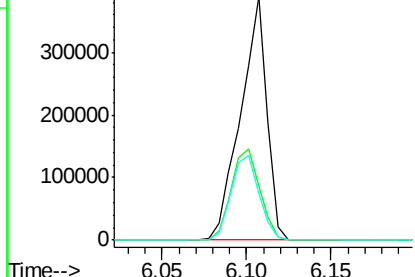
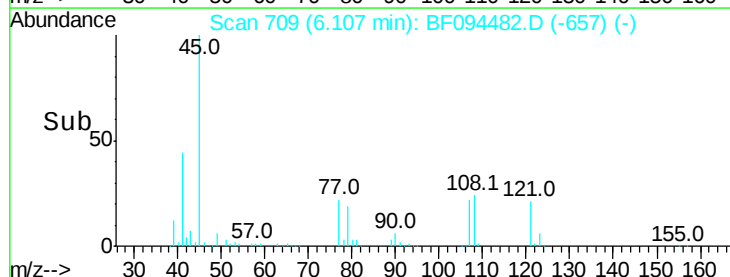


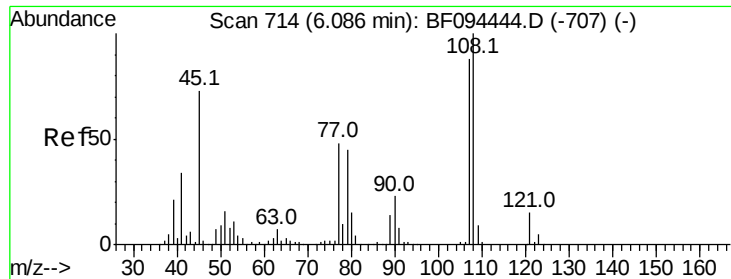
#16
2,2'-oxybis(1-chloropropane)
Concen: 40.68 ng
RT: 6.11 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion: 45 Resp: 420437
Ion Ratio Lower Upper
45 100
77 22.4 0.0 33.2
79 19.3 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: 41.24 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 275411

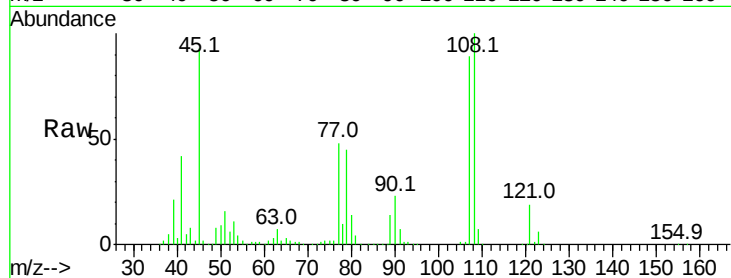
Ion Ratio Lower Upper

107 100

108 112.2 93.4 140.0

77 54.1 35.8 53.6#

79 50.6 34.8 52.2

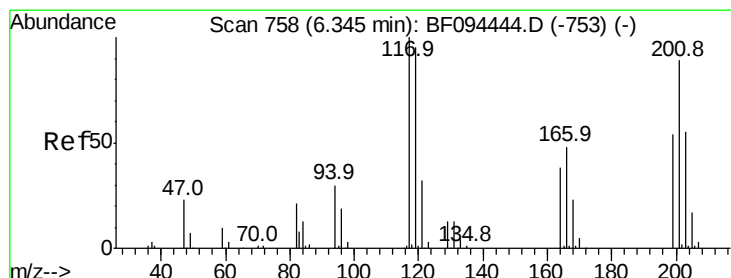
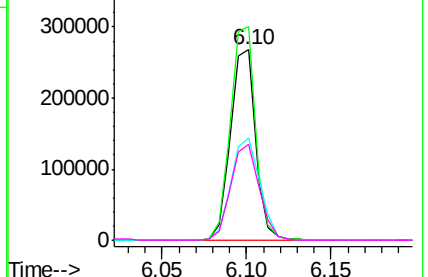
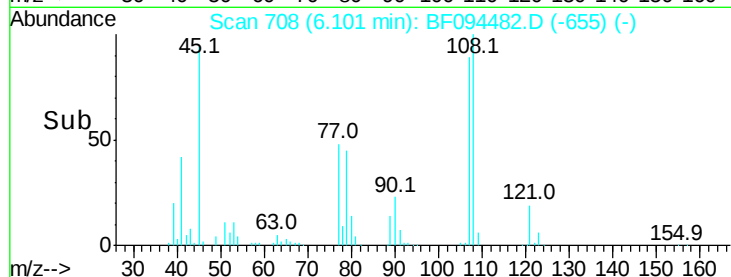


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.35 ng

RT: 6.35 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

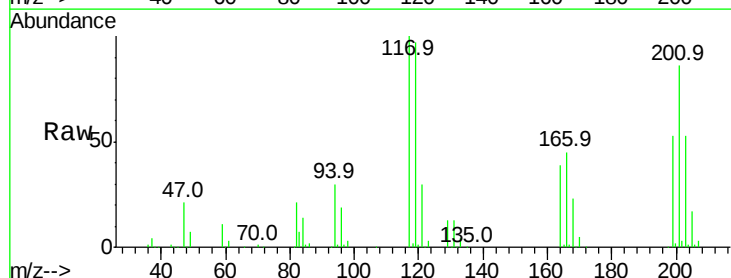
Tgt Ion:117 Resp: 127486

Ion Ratio Lower Upper

117 100

119 97.1 77.4 116.0

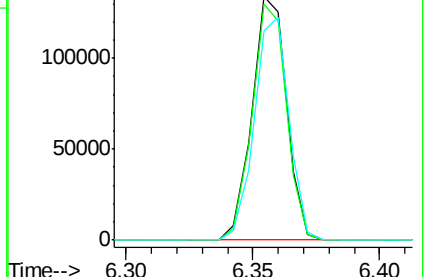
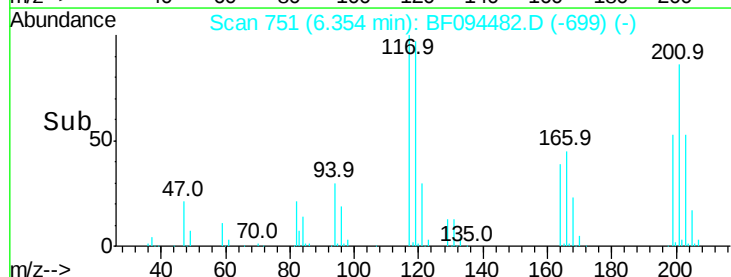
201 85.7 94.6 141.8#

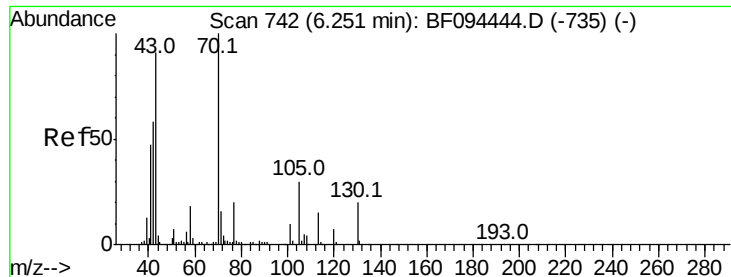


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

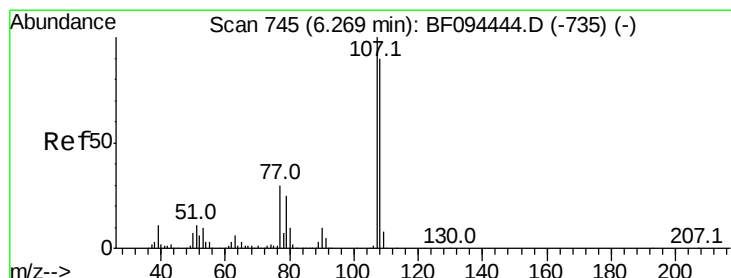
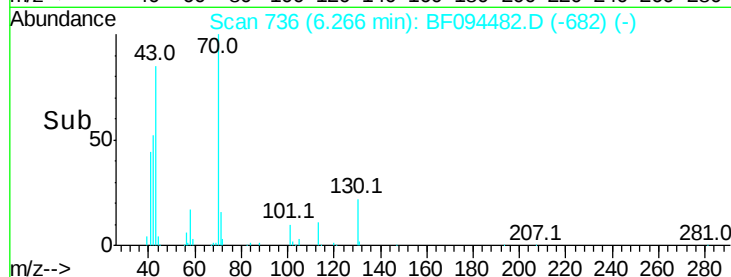
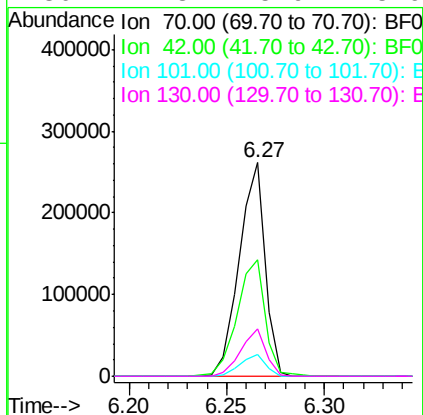
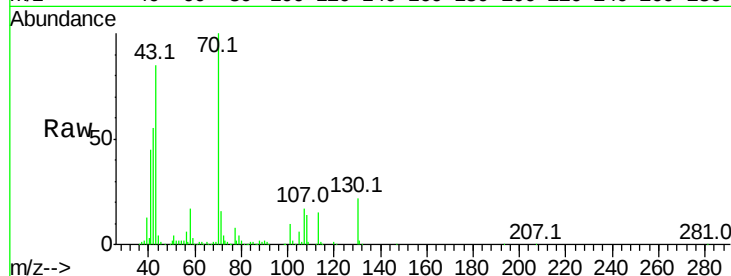




#19
n-Nitroso-di-n-propylamine
Concen: 41.15 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

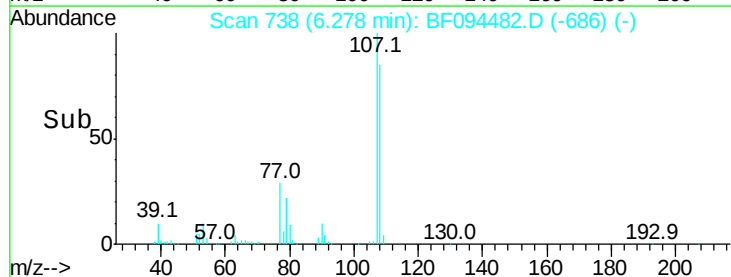
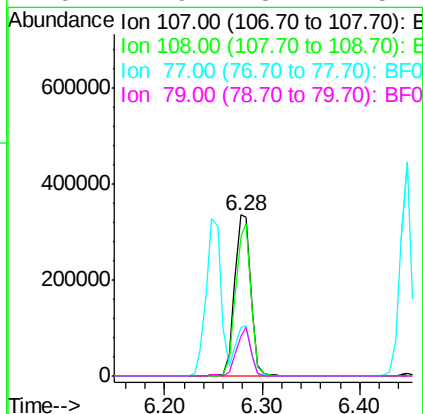
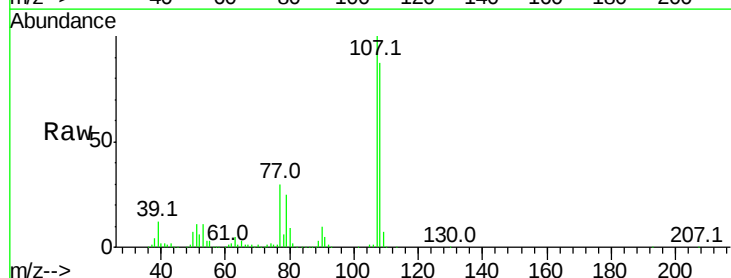
Instrument :
BNA_F
ClientSampleId :

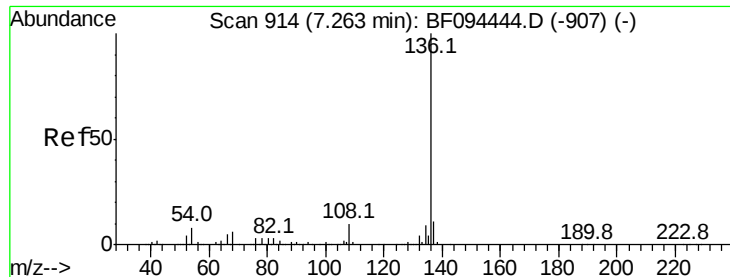
Tot Ion:	70	Resp:	239506
Ion	Ratio	Lower	Upper
70	100		
42	54.5	47.2	70.8
101	10.1	7.2	10.8
130	22.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.21 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion:	107	Resp:	383006
Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.0	111.0
77	30.2	90.5	130.5#
79	24.9	8.4	48.4

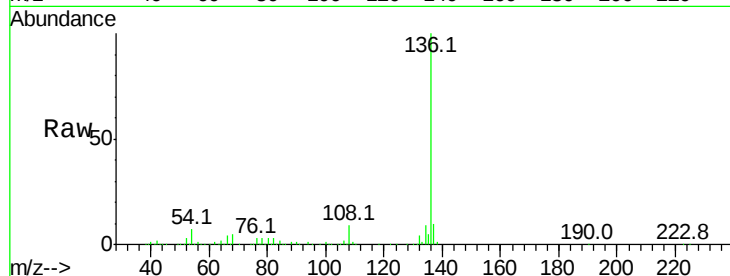




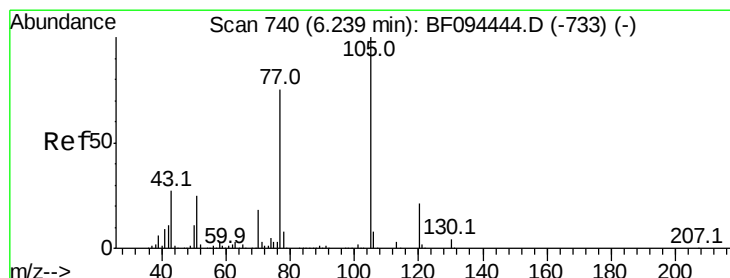
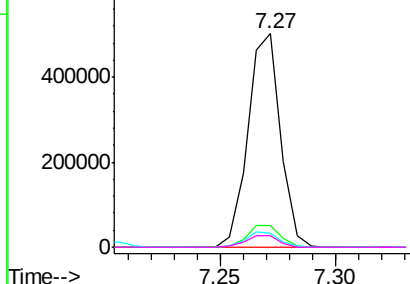
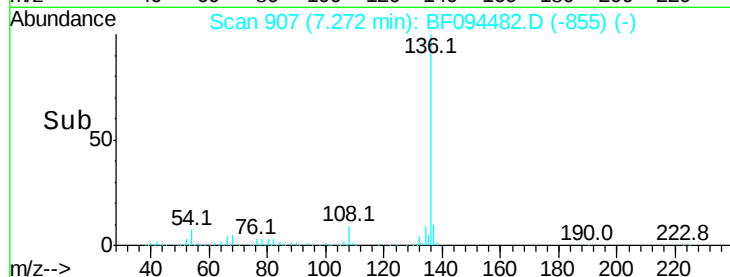
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	493502
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	6.5	4.9 7.3
68	5.1	4.1 6.1

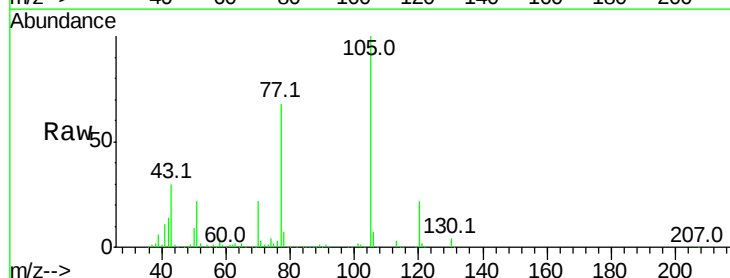


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

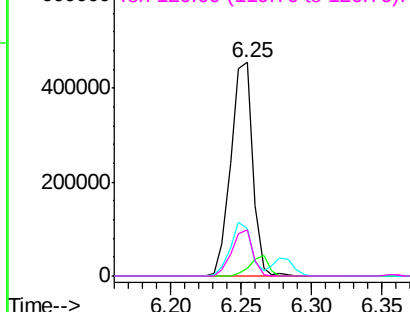
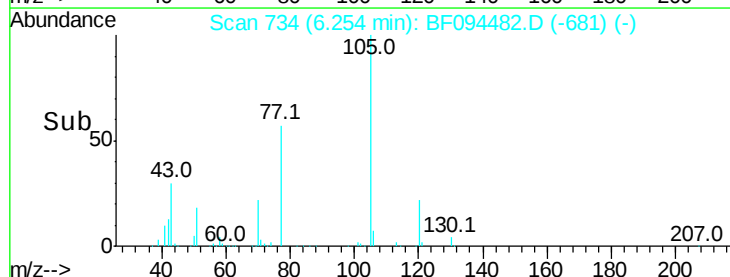


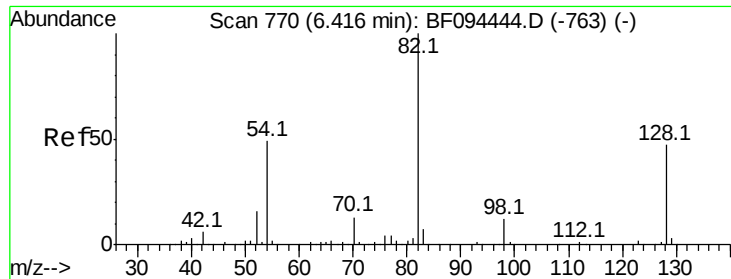
#22
Acetophenone
Concen: 40.87 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion:105	Resp:	490385
Ion Ratio	Lower	Upper
105	100	
71	3.4	2.8 4.2
51	22.4	30.7 46.1#
120	21.5	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

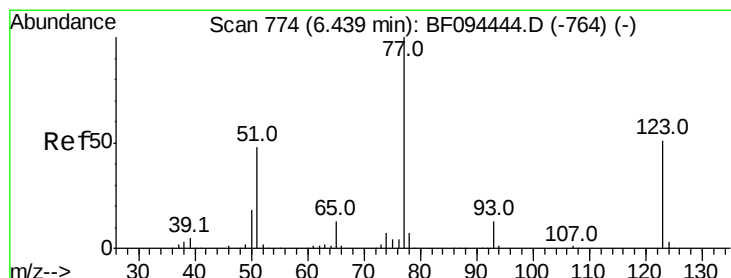
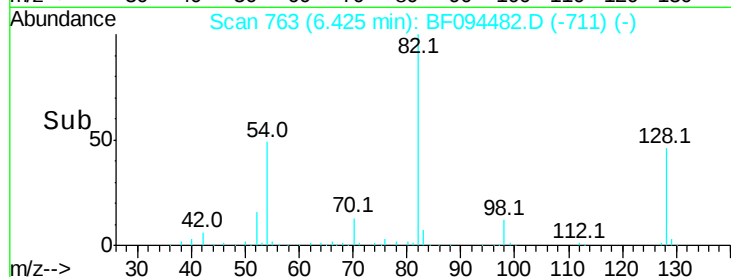
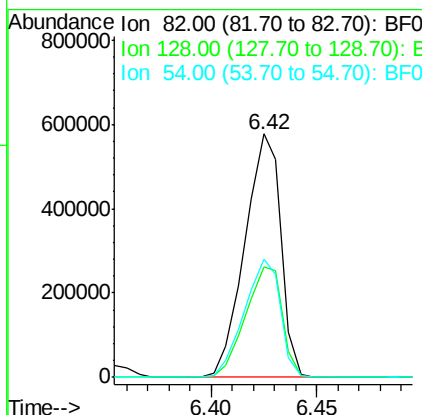
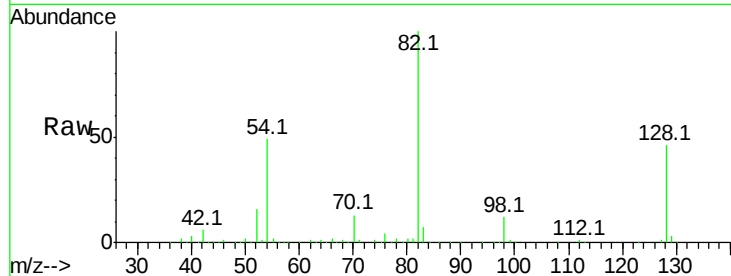




#23
 Nitrobenzene-d5
 Concen: 85.61 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

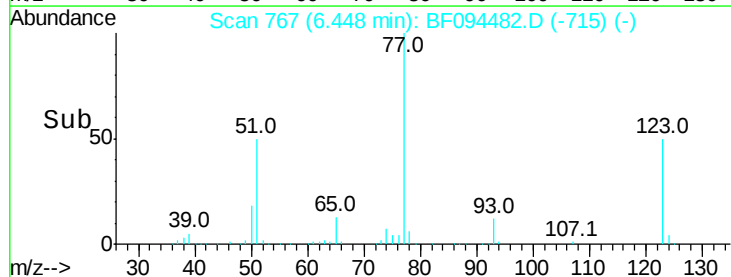
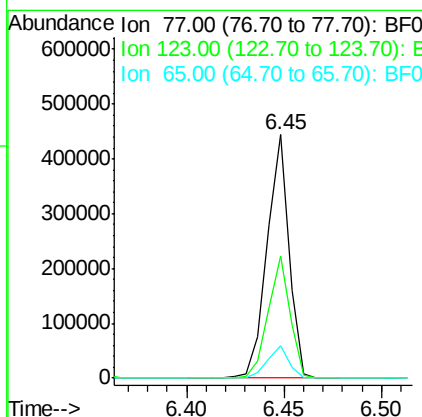
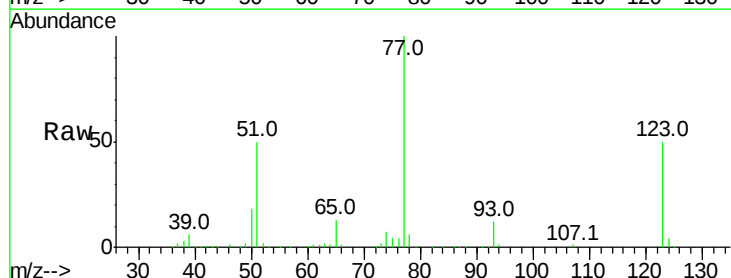
Instrument :
 BNA_F
 ClientSampleId :

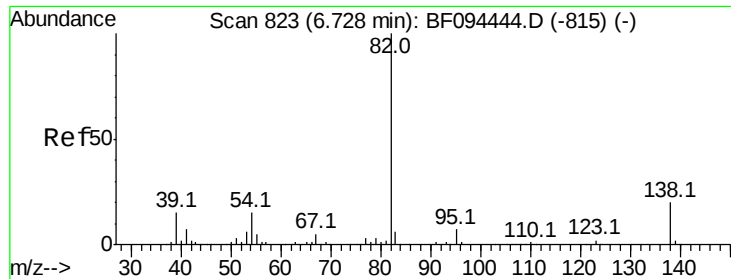
Tot Ion: 82 Resp: 684175
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.0 51.0
 54 48.7 42.2 63.2



#24
 Nitrobenzene
 Concen: 41.21 ng
 RT: 6.45 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion: 77 Resp: 346800
 Ion Ratio Lower Upper
 77 100
 123 49.9 35.8 53.8
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 41.66 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampleId :

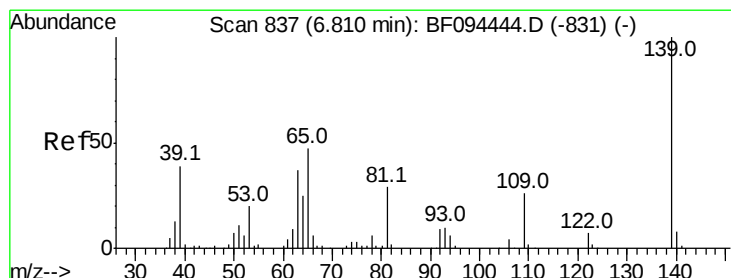
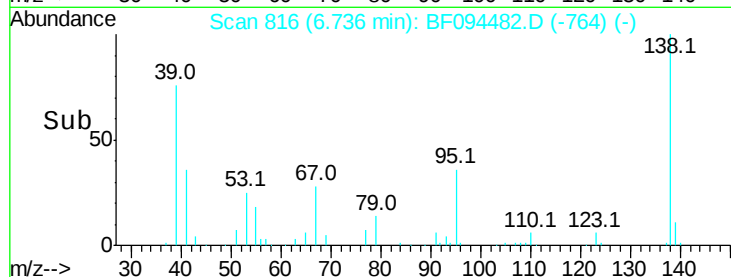
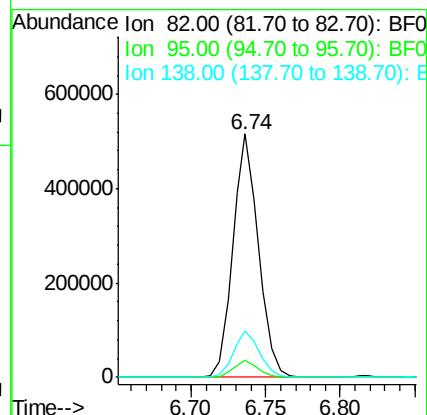
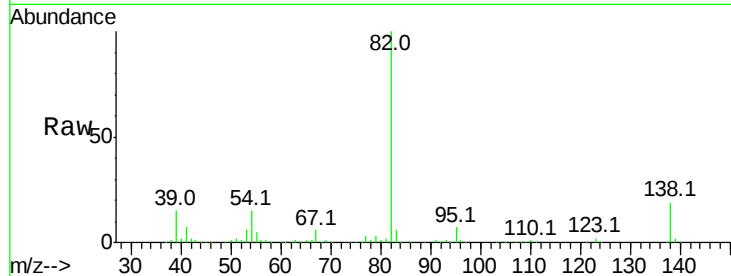
Tot Ion: 82 Resp: 617164

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 42.82 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

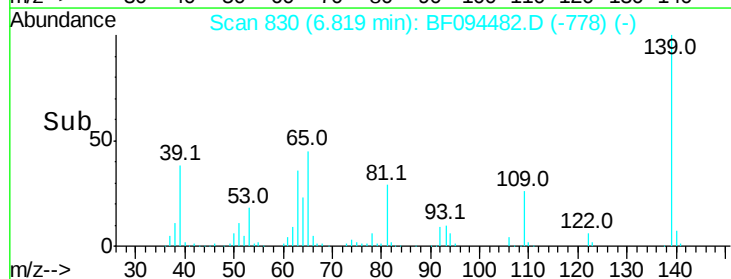
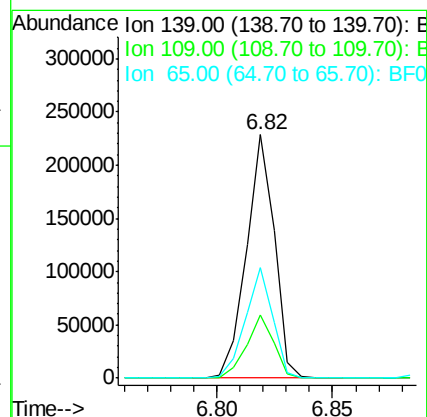
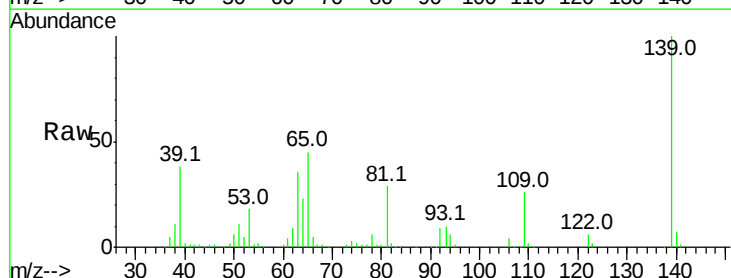
Tgt Ion:139 Resp: 193607

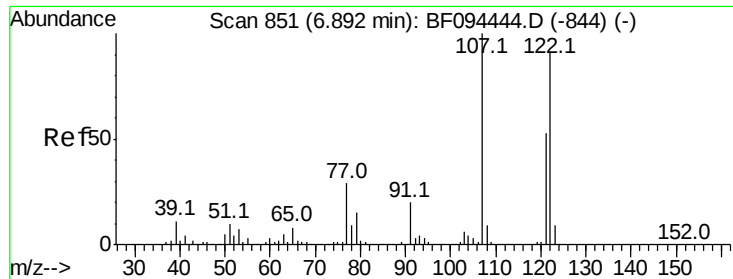
Ion Ratio Lower Upper

139 100

109 26.0 21.0 31.6

65 45.3 33.0 49.6

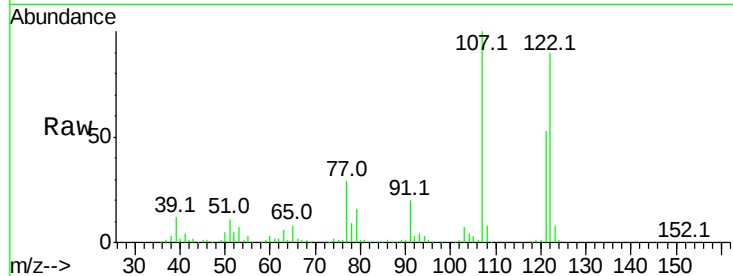




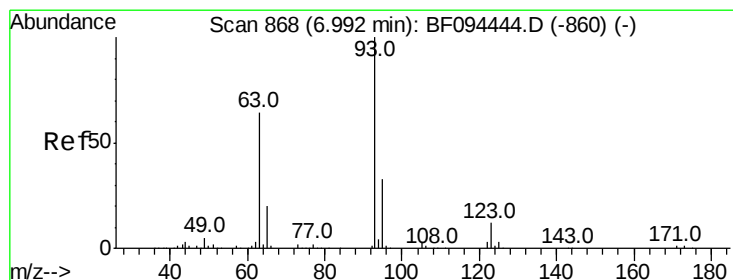
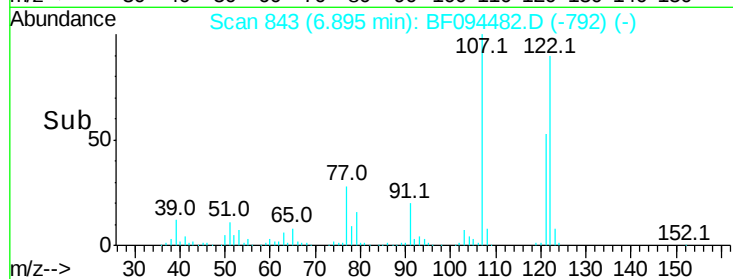
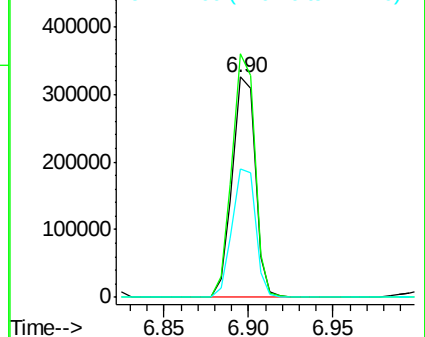
#27
2,4-Dimethylphenol
Concen: 42.18 ng
RT: 6.90 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 309777
Ion Ratio Lower Upper
122 100
107 110.7 89.2 133.8
121 58.6 45.2 67.8

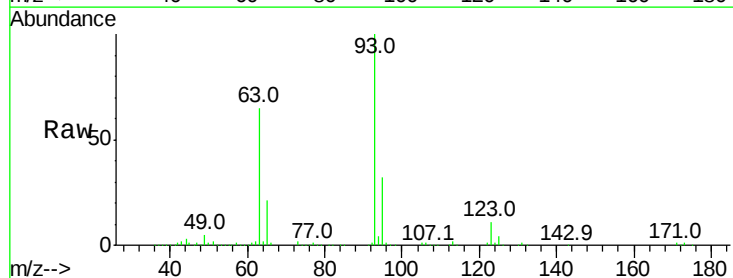


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

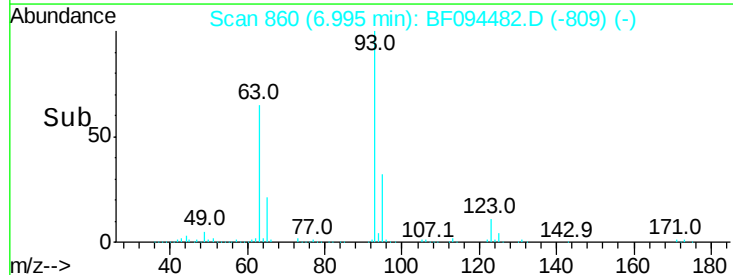
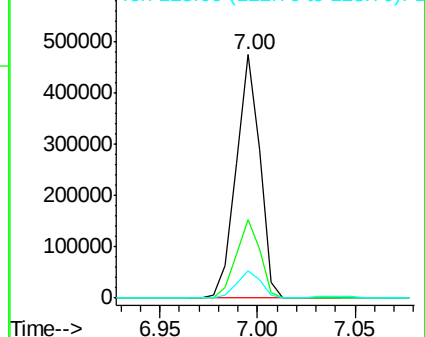


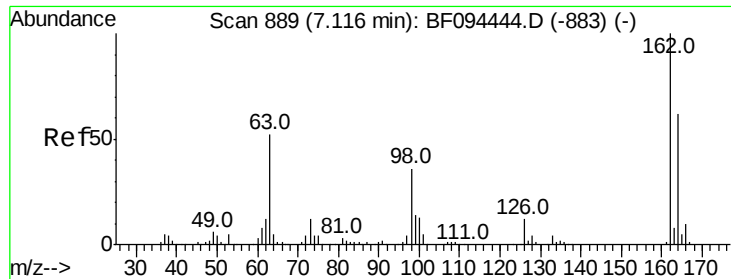
#28
bis(2-Chloroethoxy)methane
Concen: 41.74 ng
RT: 7.00 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion: 93 Resp: 400035
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 11.3 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

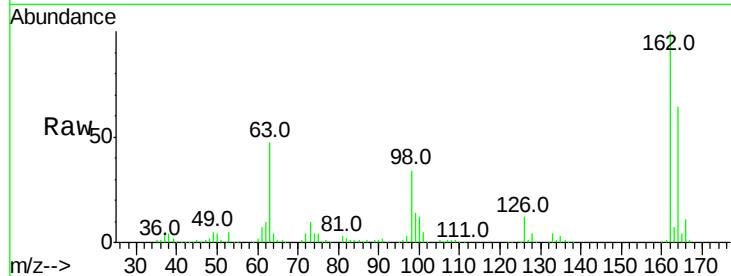




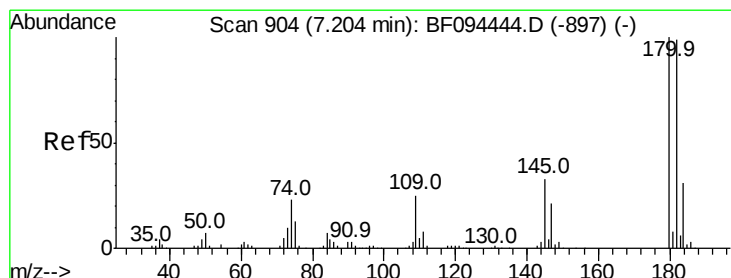
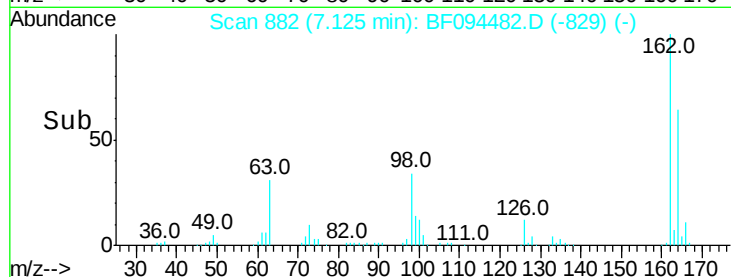
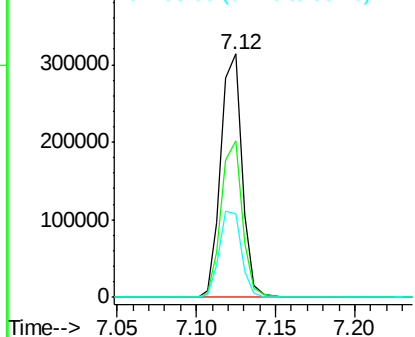
#29
 2,4-Dichlorophenol
 Concen: 43.02 ng
 RT: 7.12 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	34.5	14.8	54.8

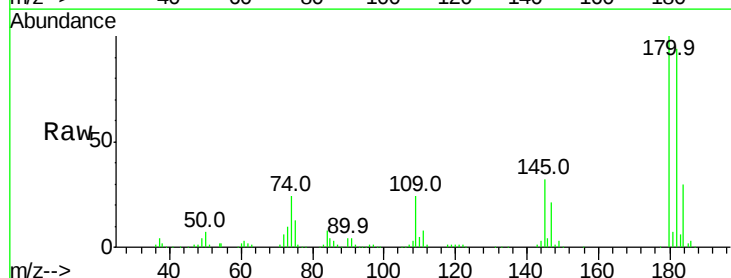


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

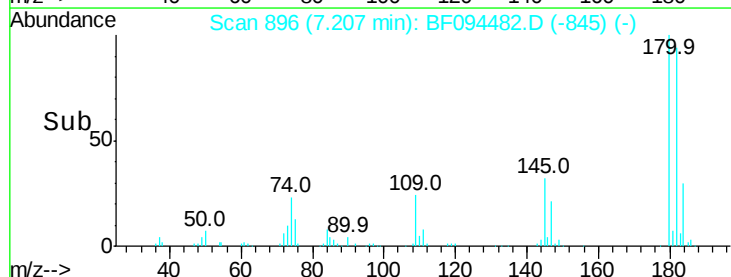
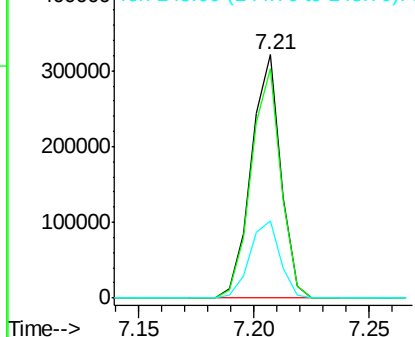


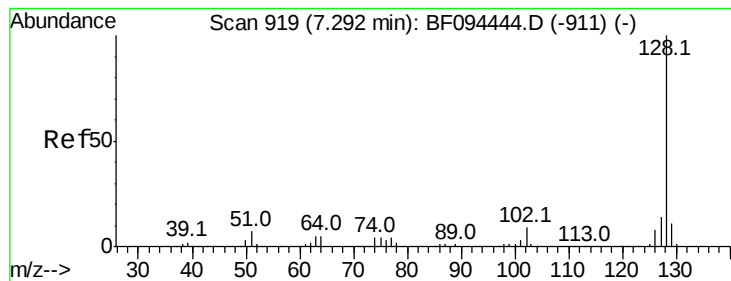
#30
 1,2,4-Trichlorobenzene
 Concen: 40.53 ng
 RT: 7.21 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	31.7	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: 40.50 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampled :

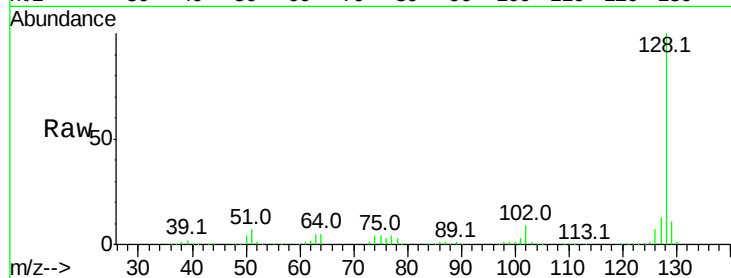
Tot Ion:128 Resp: 960900

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

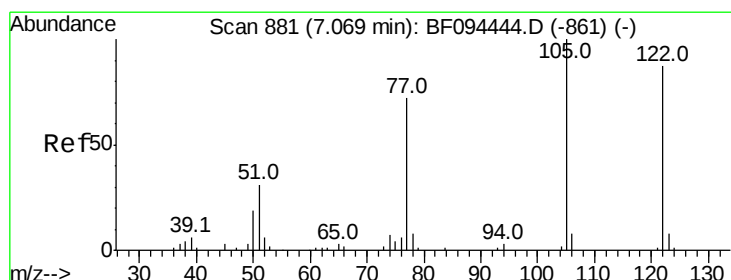
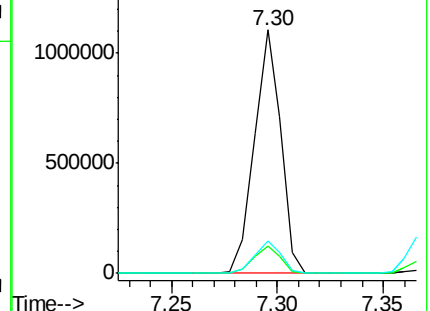
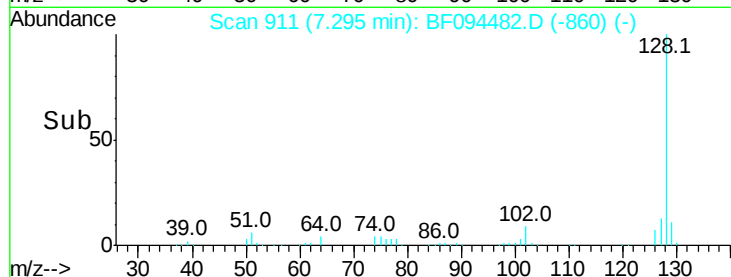
127 13.3 10.8 16.2



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: 19.62 ng

RT: 7.05 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

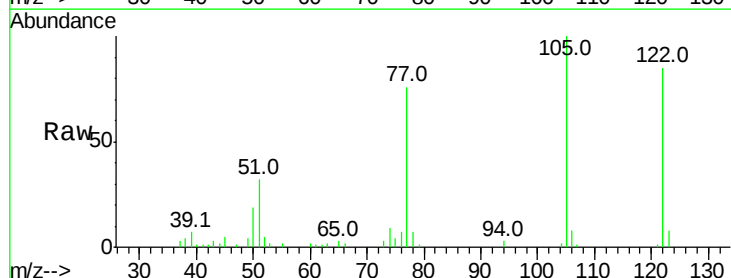
Tgt Ion:122 Resp: 76194

Ion Ratio Lower Upper

122 100

105 117.0 103.3 143.3

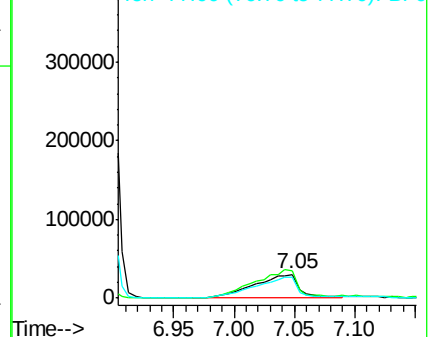
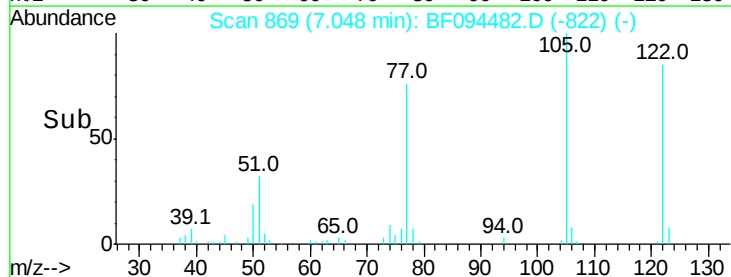
77 89.0 73.7 113.7

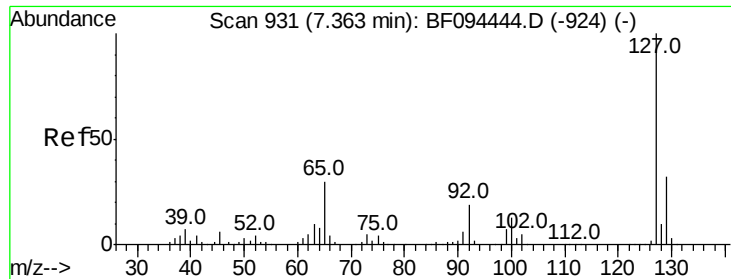


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

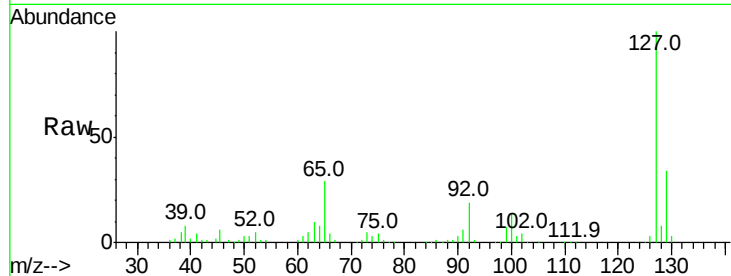




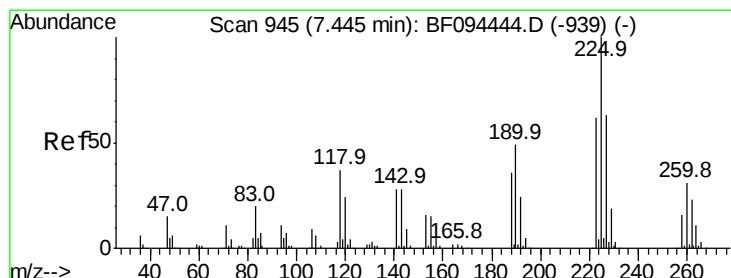
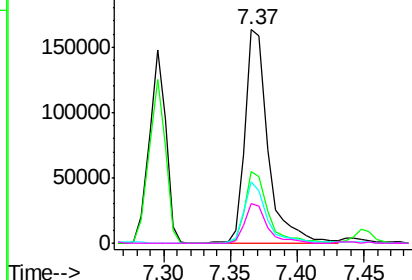
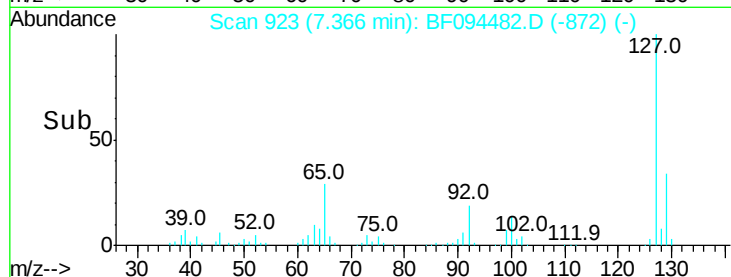
#33
4-Chloroaniline
Concen: 19.94 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	196802
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.2
65	28.6	27.8	41.8
92	18.7	16.8	25.2

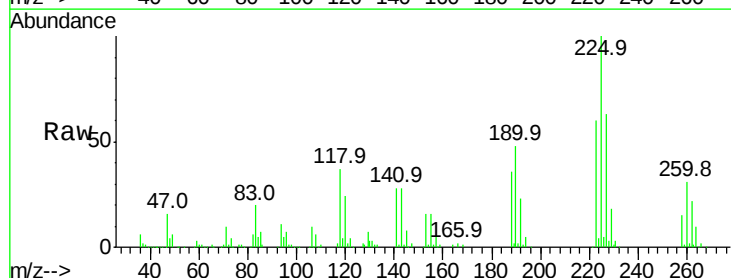


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

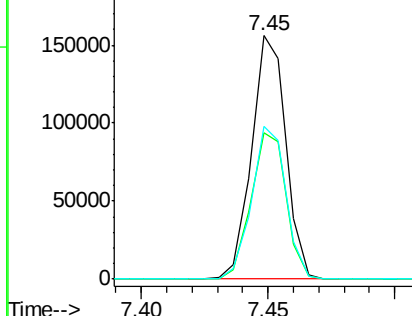
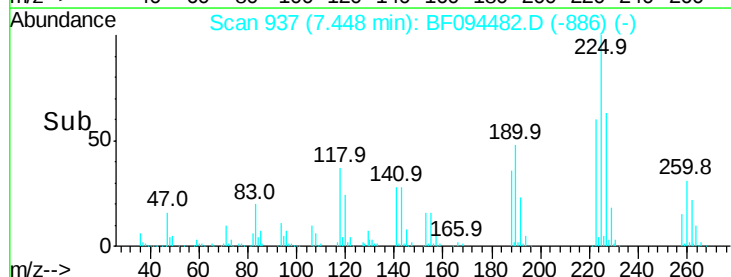


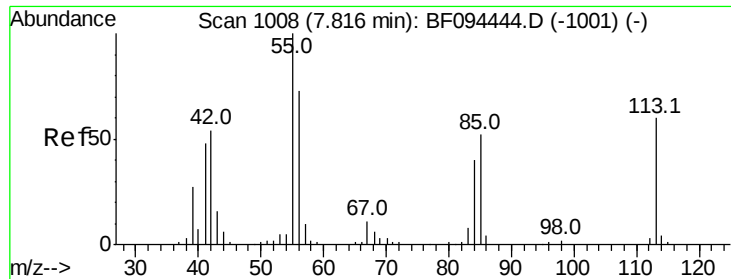
#34
Hexachlorobutadiene
Concen: 41.56 ng
RT: 7.45 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion:	225	Resp:	146375
Ion	Ratio	Lower	Upper
225	100		
223	60.0	48.8	73.2
227	62.9	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

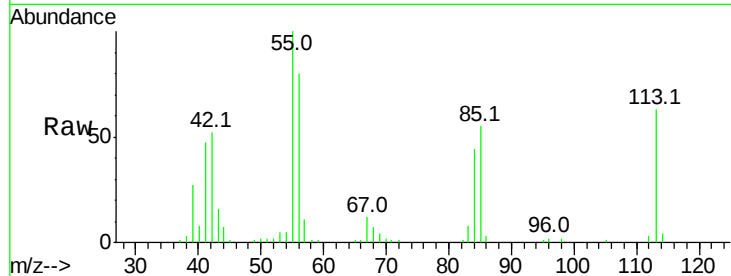




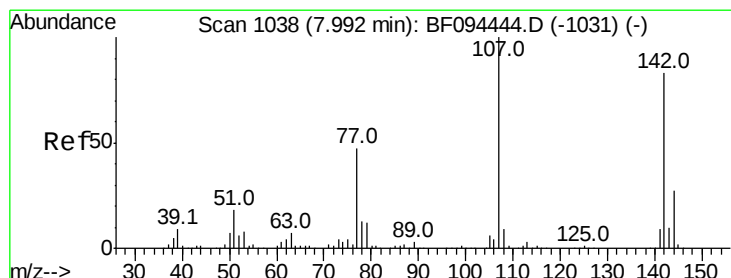
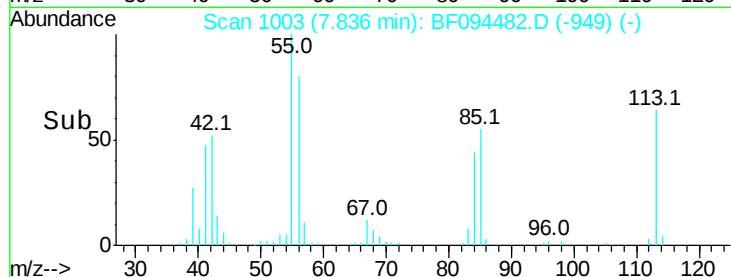
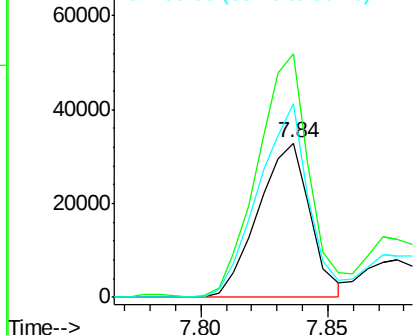
#35
 Caprolactam
 Concen: 21.87 ng
 RT: 7.84 min Scan# 1003
 Delta R.T. 0.02 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 46948
 Ion Ratio Lower Upper
 113 100
 55 157.8 150.2 190.2
 56 125.9 107.8 147.8

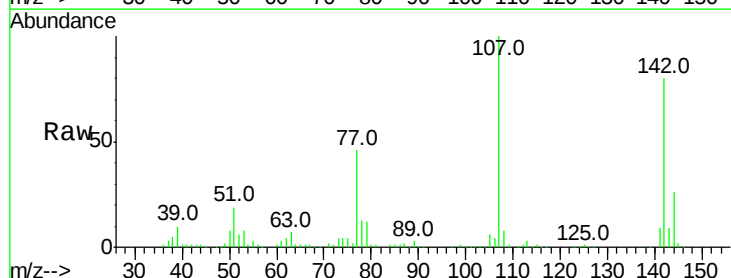


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

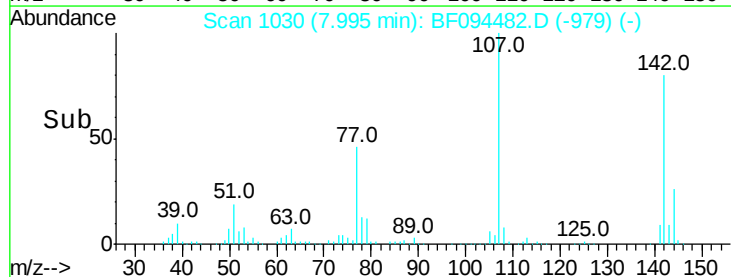
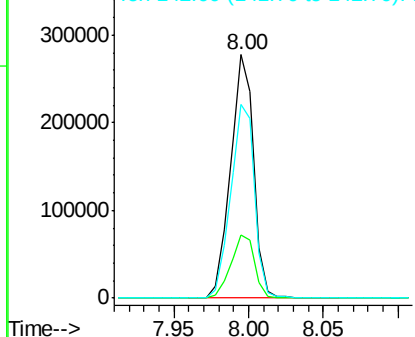


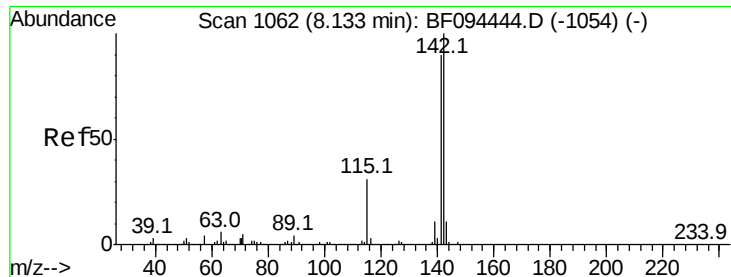
#36
 4-Chloro-3-methylphenol
 Concen: 42.33 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion:107 Resp: 303129
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.2 36.4
 142 79.7 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

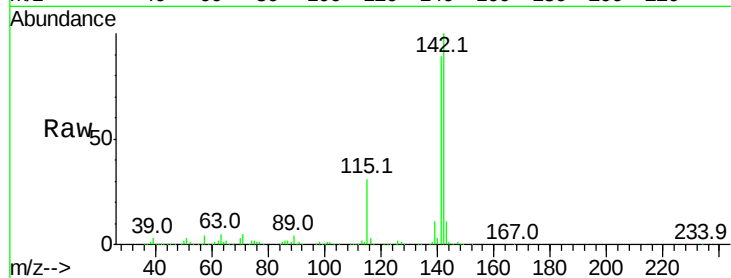




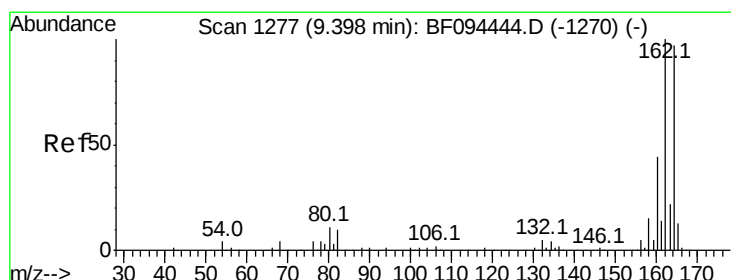
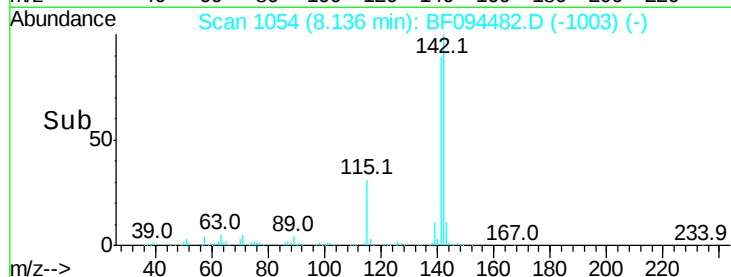
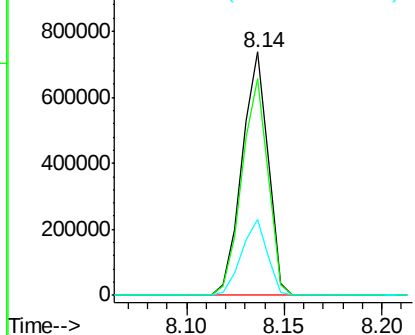
#37
 2-Methylnaphthalene
 Concen: 42.05 ng
 RT: 8.14 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	31.4	27.1	40.7

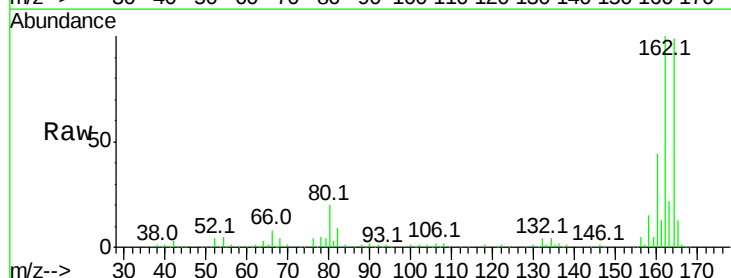


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

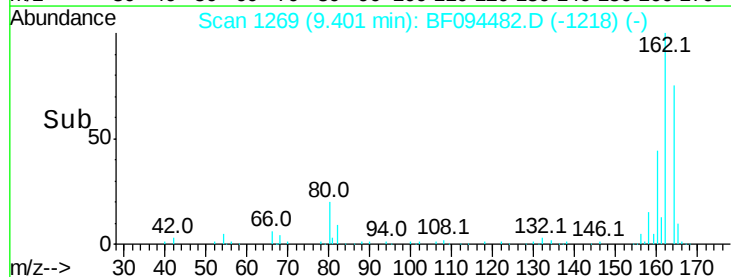
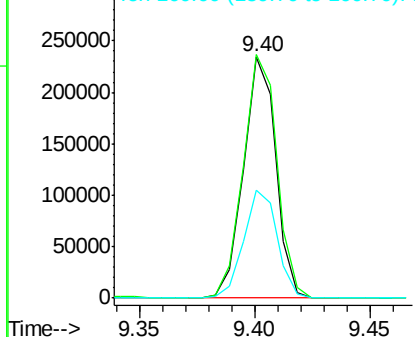


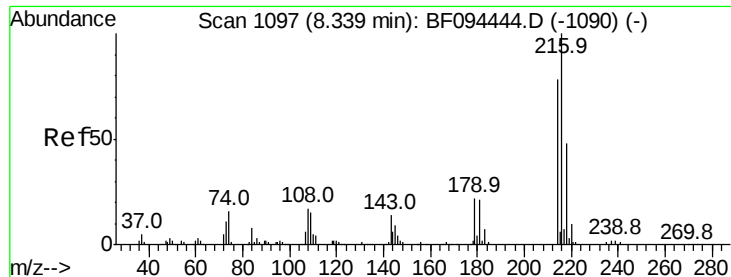
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	44.8	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

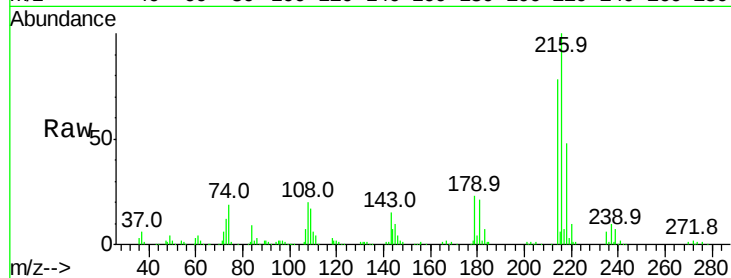




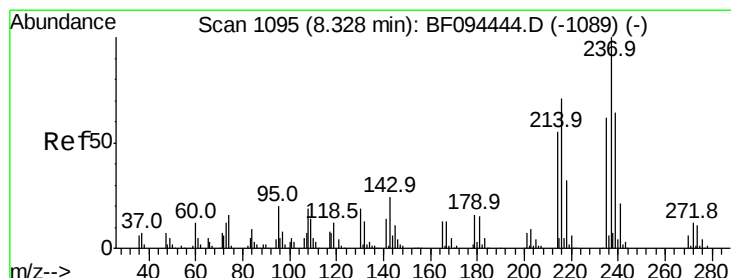
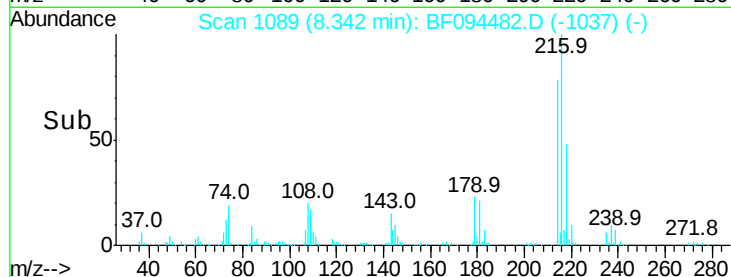
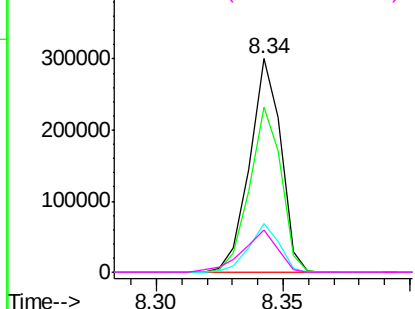
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.59 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	258456
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.4	95.2
179	22.2	17.9	26.9
108	22.0	16.5	24.7

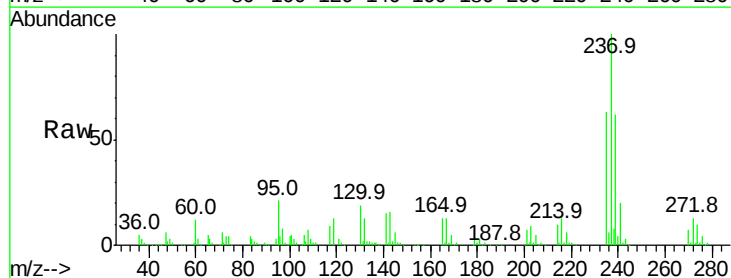


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

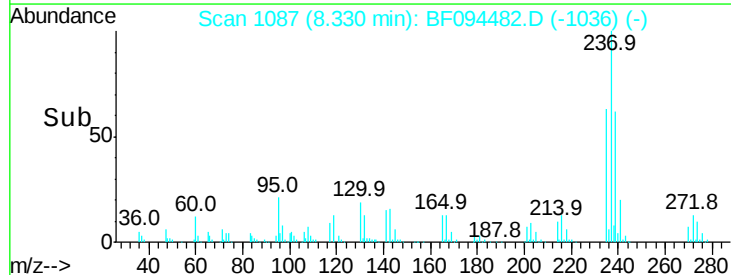
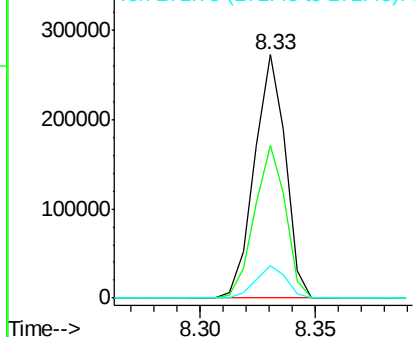


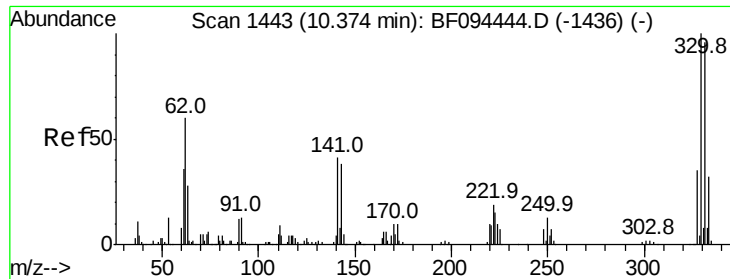
#40
 Hexachlorocyclopentadiene
 Concen: 96.98 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion:	237	Resp:	256106
Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.6	82.6
272	13.1	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

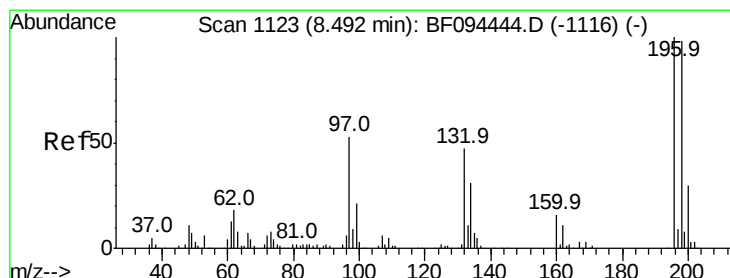
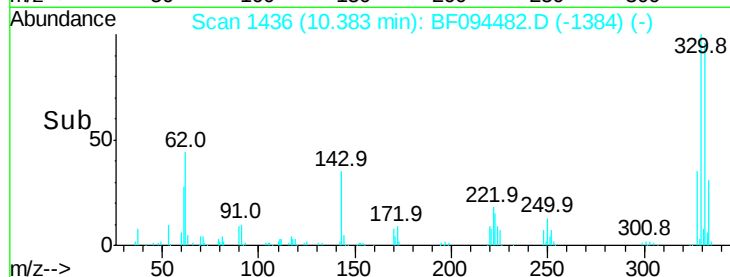
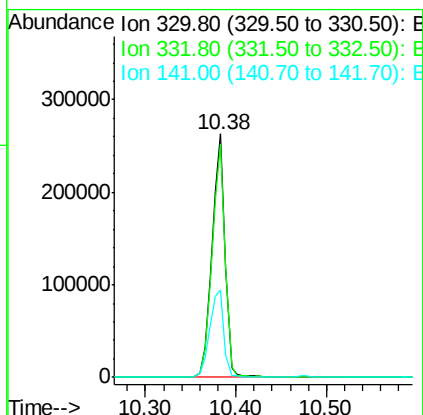
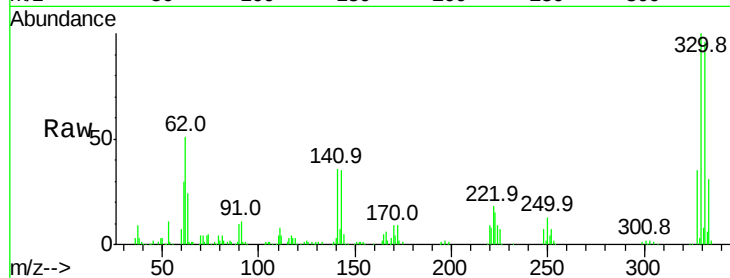




#41
 2,4,6-Tribromophenol
 Concen: 148.18 ng
 RT: 10.38 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

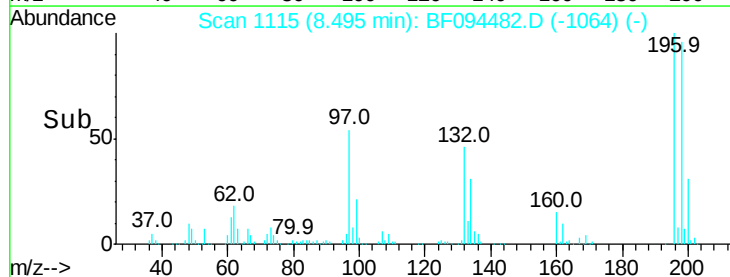
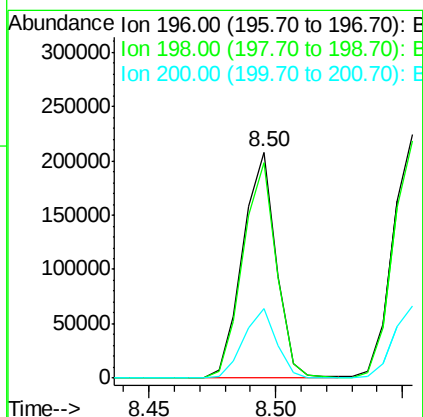
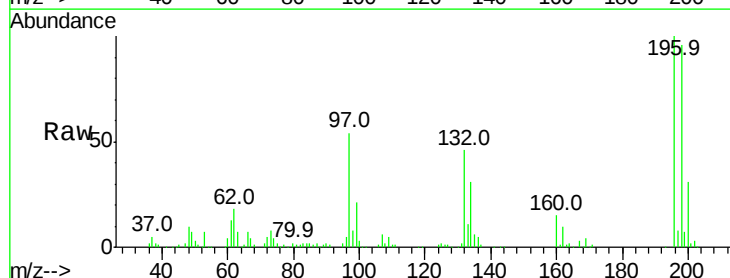
Instrument :
 BNA_F
 ClientSampleId :

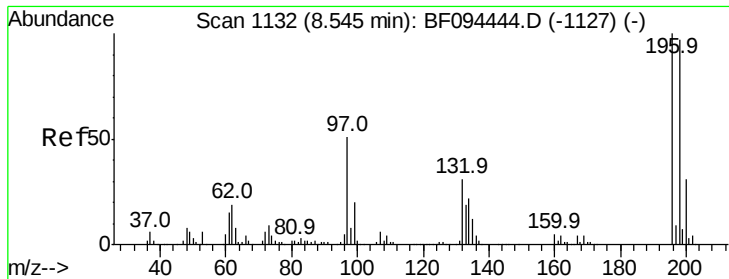
Tot Ion:330 Resp: 265703
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 39.1 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 41.83 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion:196 Resp: 191775
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.2 111.4
 200 30.8 24.0 36.0

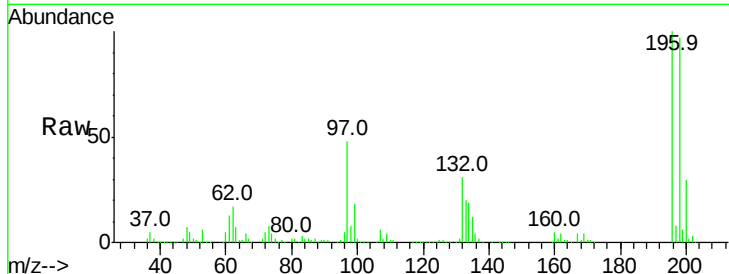




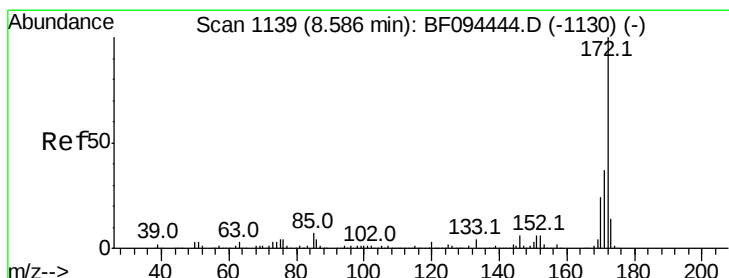
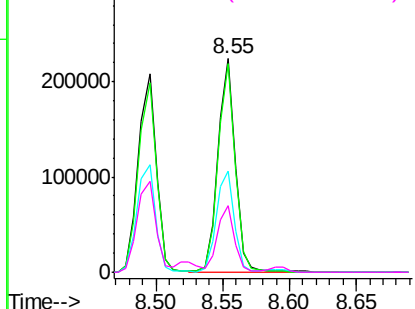
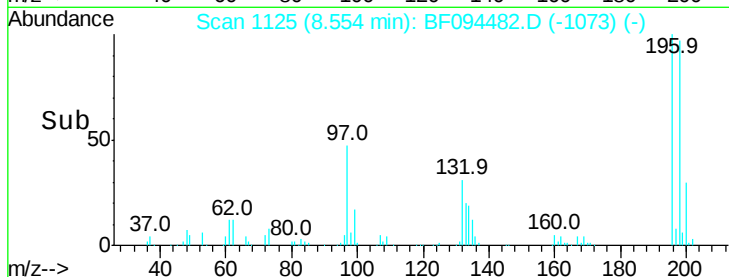
#43
 2,4,5-Trichlorophenol
 Concen: 44.11 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	75.7	113.5
97	47.5	47.7	71.5
132	31.0	28.0	42.0

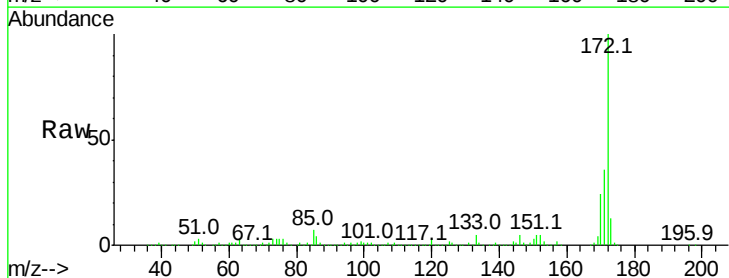


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

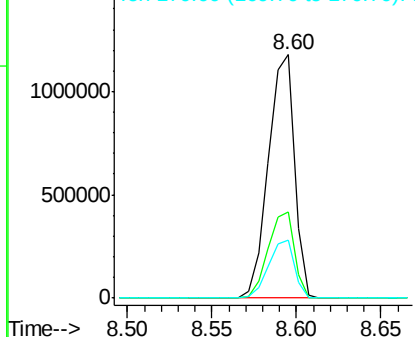
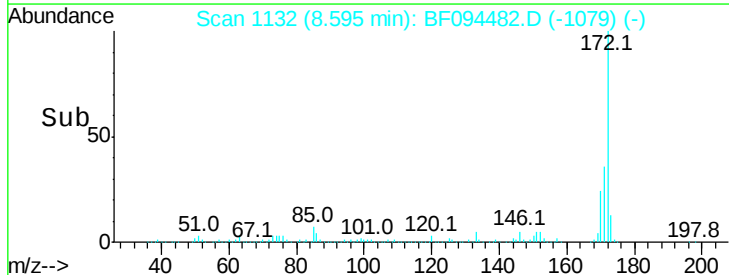


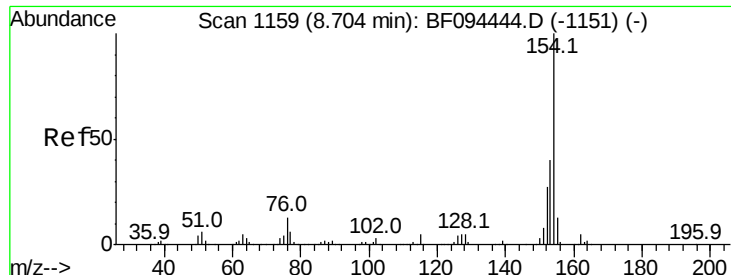
#44
 2-Fluorobiphenyl
 Concen: 80.35 ng
 RT: 8.60 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.7	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: 38.22 ng

RT: 8.71 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampleId :

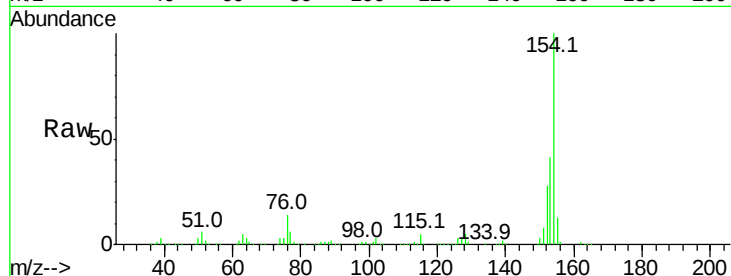
Tot Ion:154 Resp: 715822

Ion Ratio Lower Upper

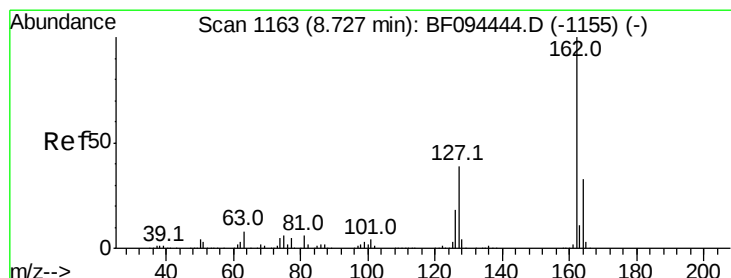
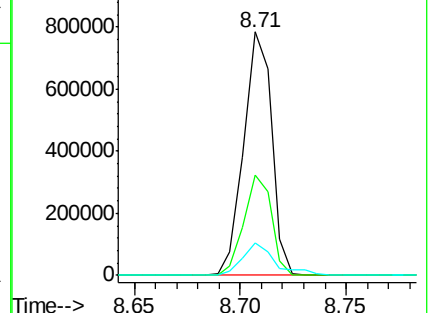
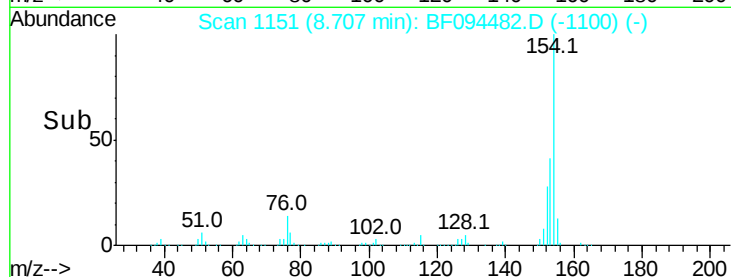
154 100

153 41.1 21.2 61.2

76 13.6 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 40.80 ng

RT: 8.73 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

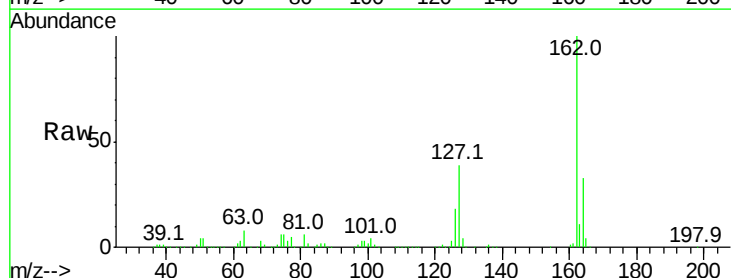
Tgt Ion:162 Resp: 607709

Ion Ratio Lower Upper

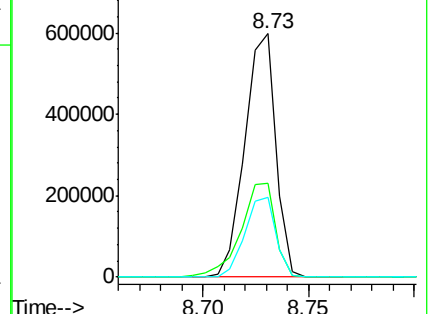
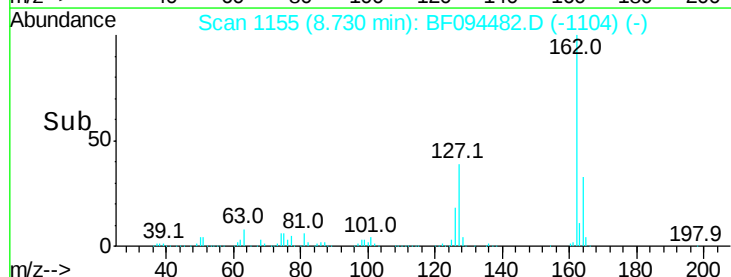
162 100

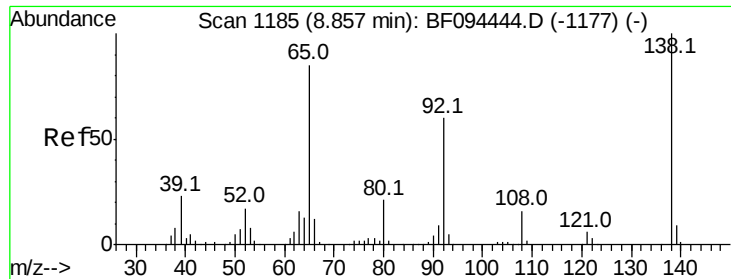
127 38.5 28.3 42.5

164 32.9 27.0 40.4



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

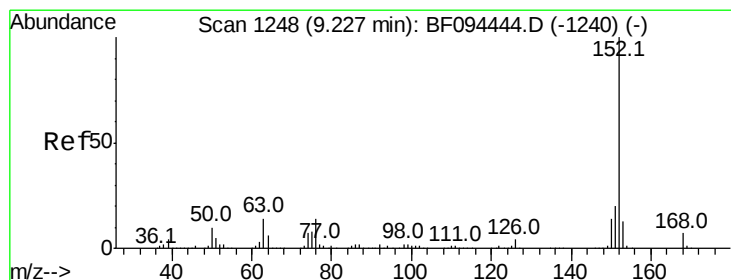
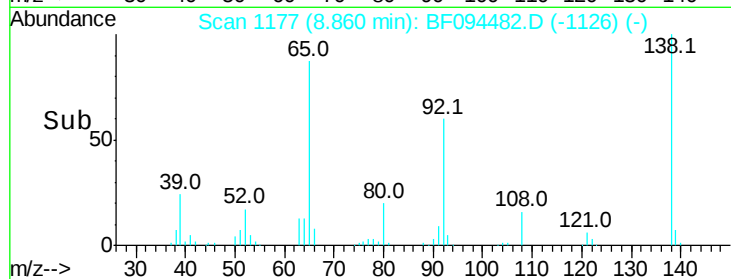
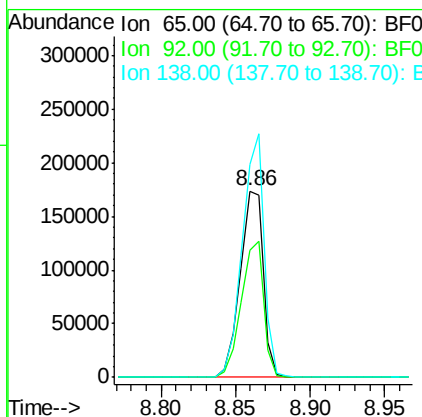
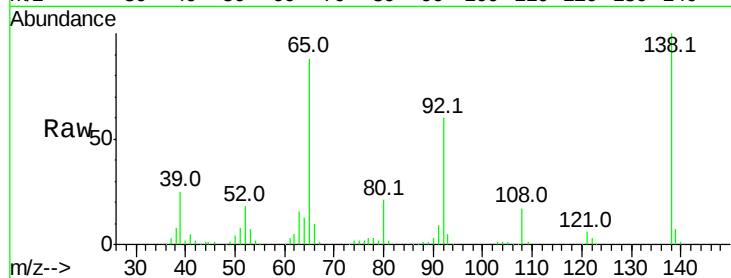




#47
 2-Nitroaniline
 Concen: 43.76 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

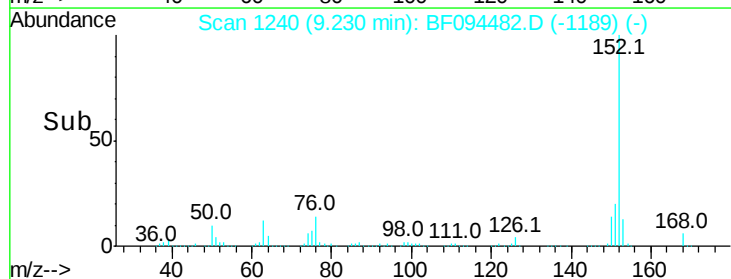
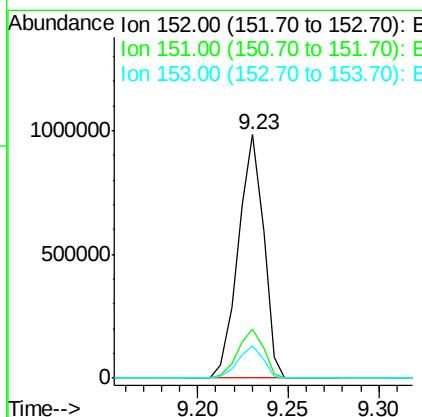
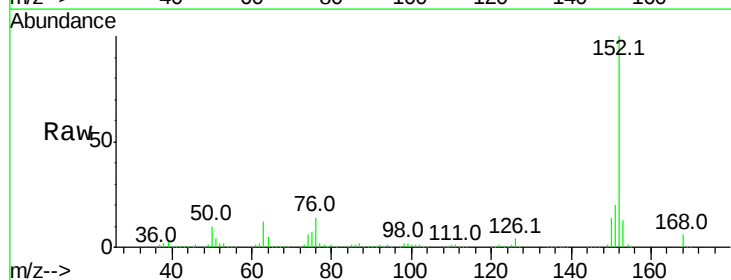
Instrument :
 BNA_F
 ClientSampleId :

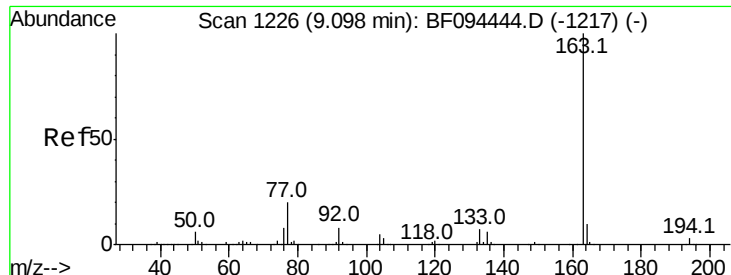
Tot Ion: 65 Resp: 187496
 Ion Ratio Lower Upper
 65 100
 92 68.3 53.9 80.9
 138 114.2 78.8 118.2



#48
 Acenaphthylene
 Concen: 41.09 ng
 RT: 9.23 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion:152 Resp: 953966
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.2 10.8 16.2

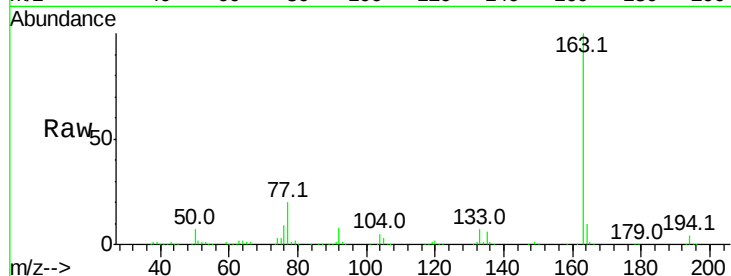




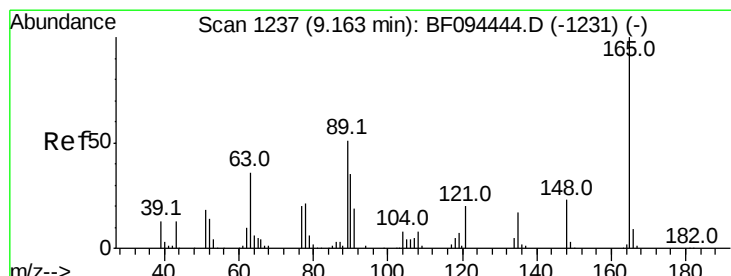
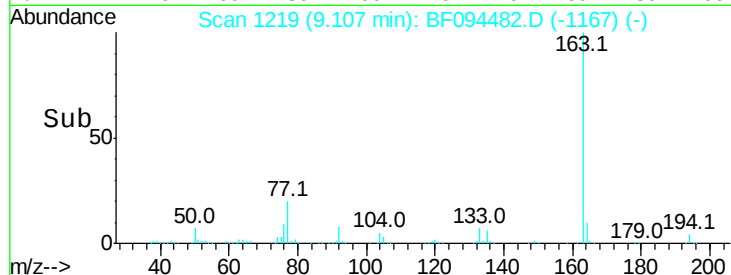
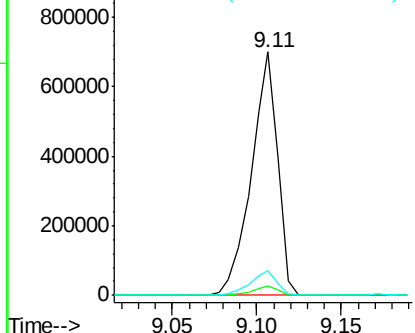
#49
Dimethylphthalate
Concen: 44.35 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 757702
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.4 8.4 12.6

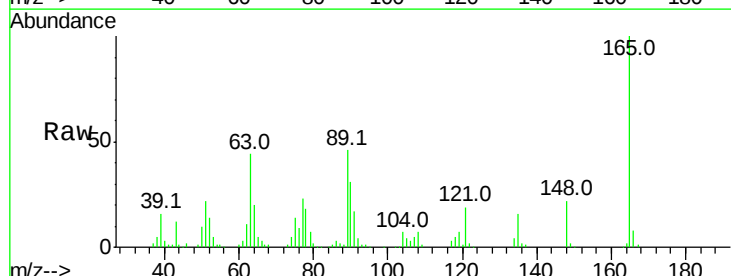


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

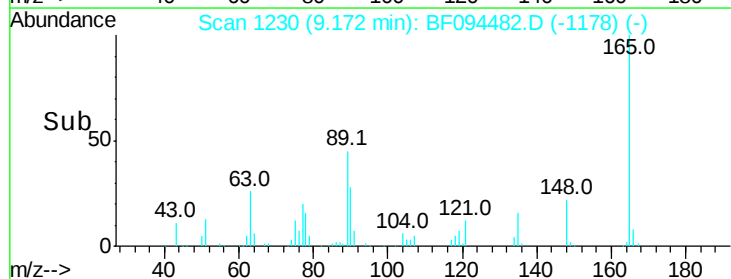
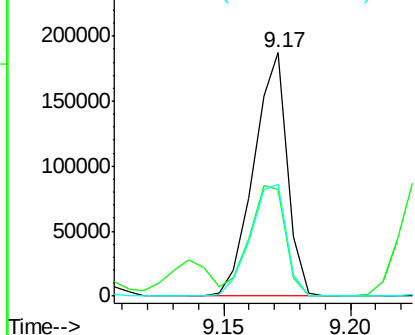


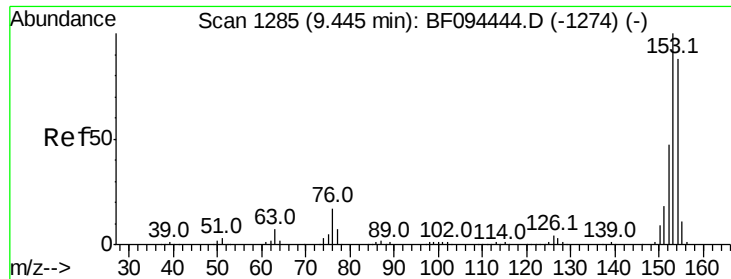
#50
2,6-Dinitrotoluene
Concen: 44.75 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion:165 Resp: 171616
Ion Ratio Lower Upper
165 100
63 44.0 34.3 51.5
89 45.7 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: 41.61 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampleId :

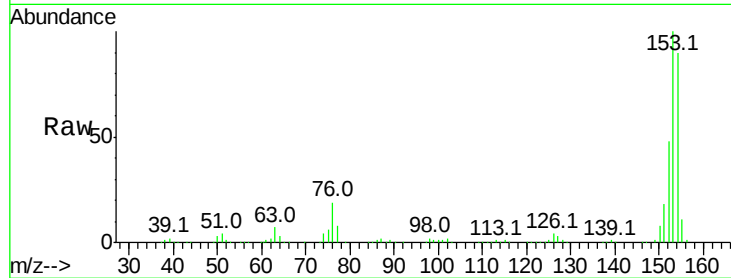
Tot Ion:154 Resp: 578659

Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

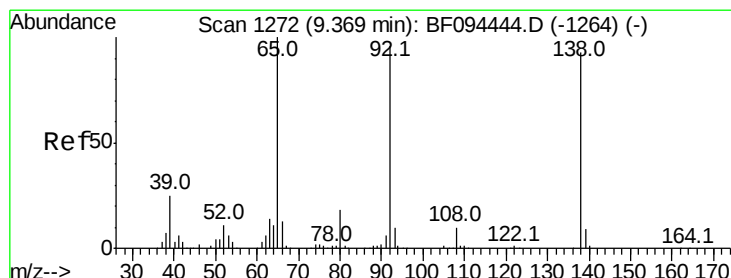
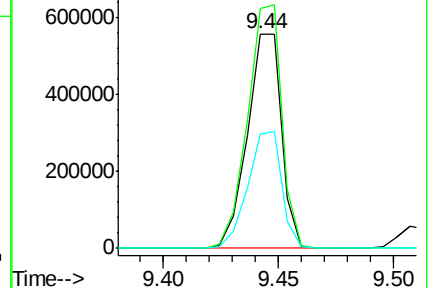
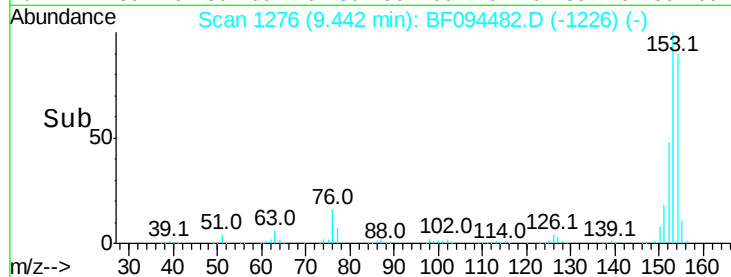
152 53.5 43.6 65.4



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: 27.95 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

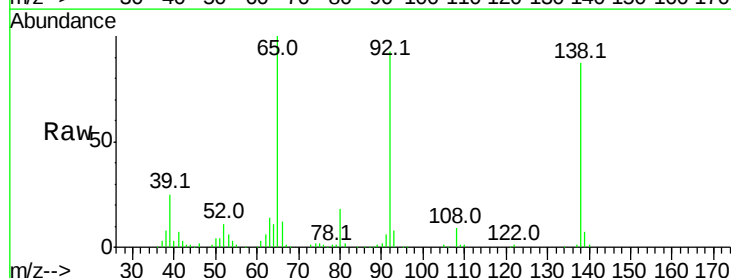
Tgt Ion:138 Resp: 124024

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

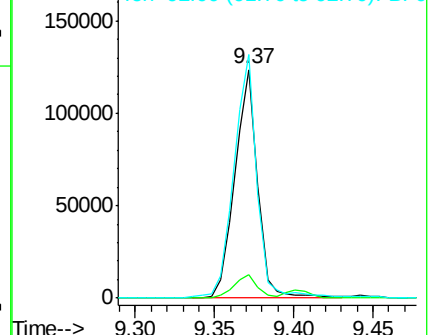
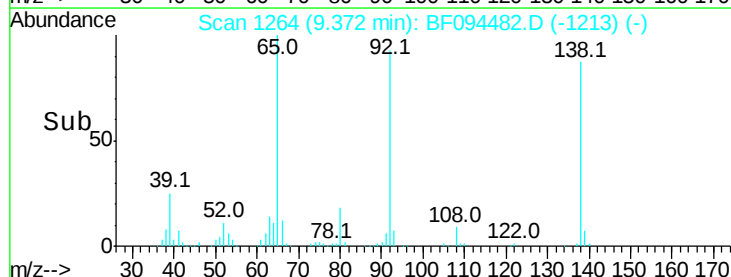
92 106.4 93.8 140.6

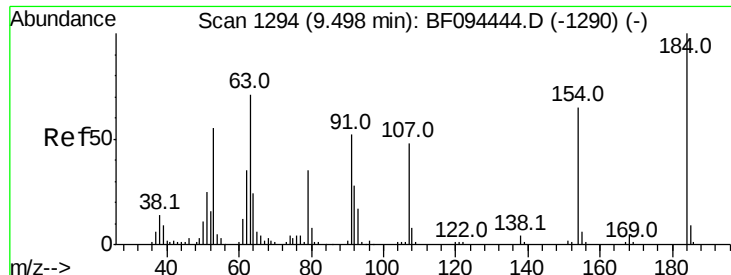


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

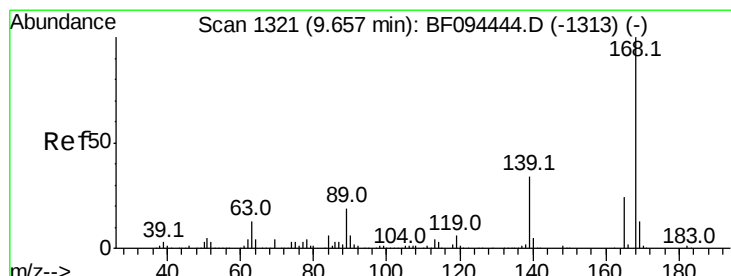
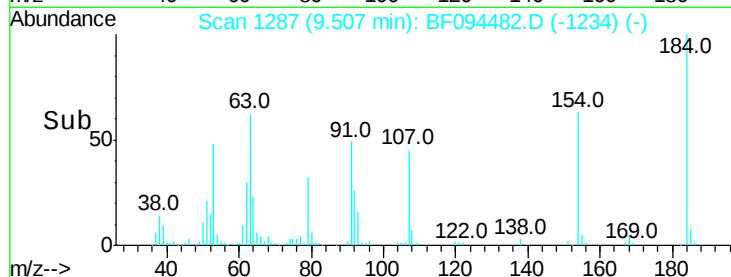
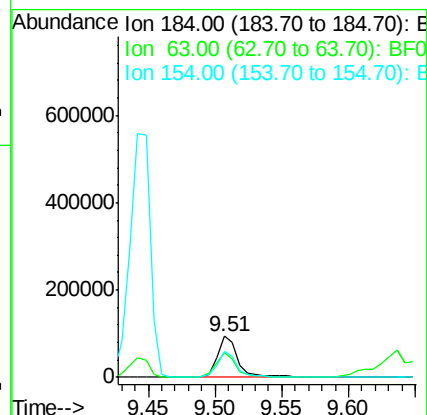
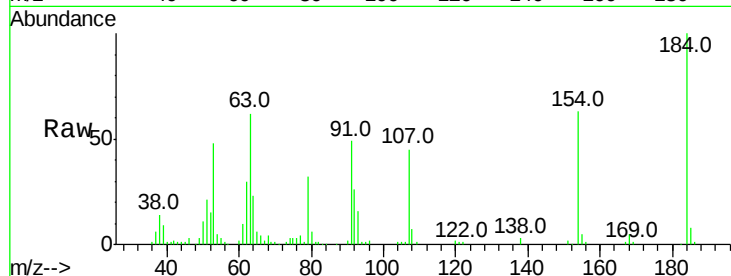




#53
 2,4-Dinitrophenol
 Concen: 52.88 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

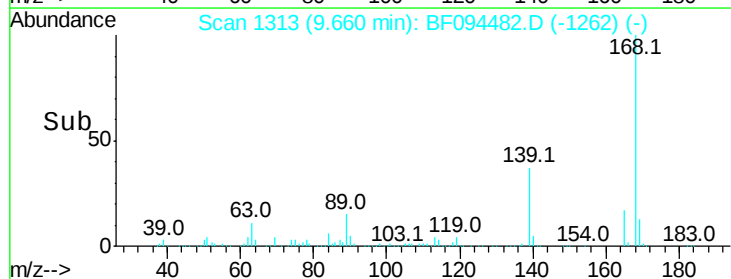
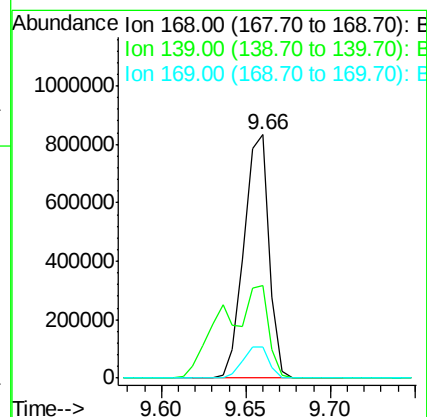
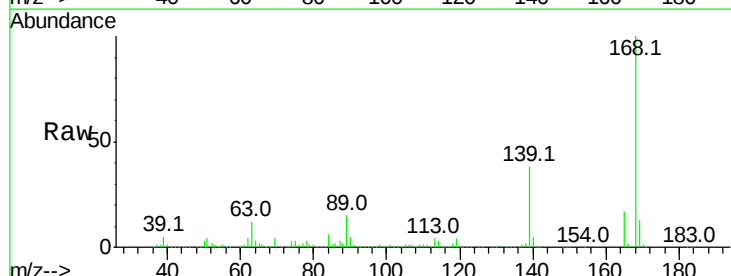
Instrument :
 BNA_F
 ClientSampleId :

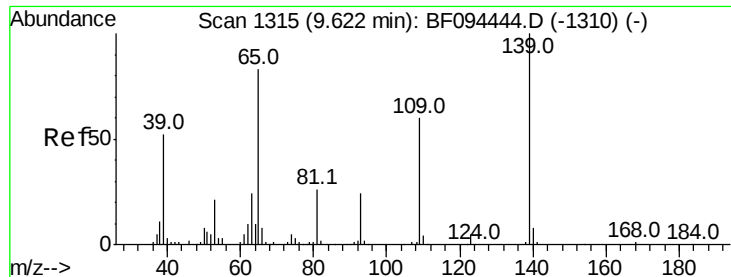
Tot Ion:184 Resp: 105654
 Ion Ratio Lower Upper
 184 100
 63 61.5 62.7 94.1#
 154 62.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.51 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion:168 Resp: 859140
 Ion Ratio Lower Upper
 168 100
 139 37.8 30.6 45.8
 169 12.9 10.8 16.2





#55

4-Nitrophenol

Concen: 107.04 ng

RT: 9.64 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampled :

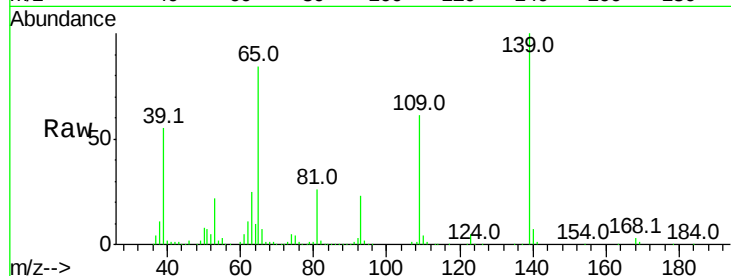
Tot Ion:139 Resp: 335498

Ion Ratio Lower Upper

139 100

109 60.8 34.1 74.1

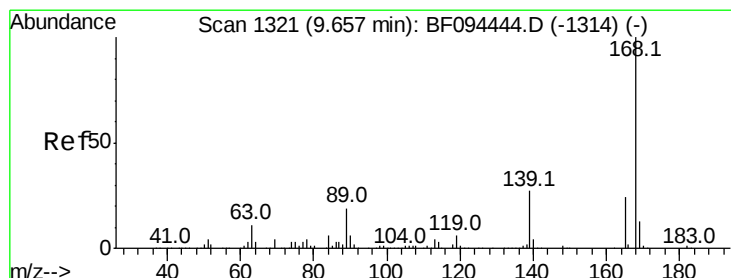
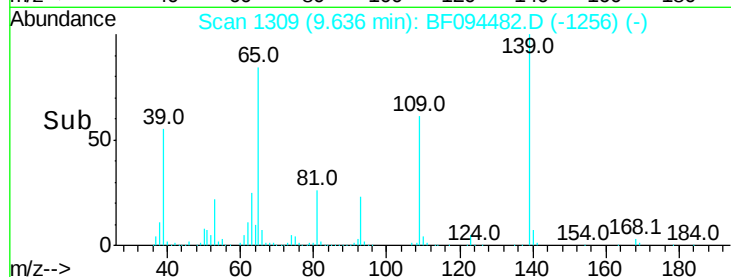
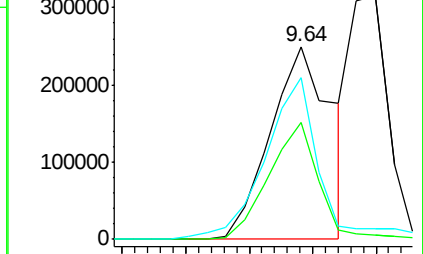
65 84.0 31.4 71.4#



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: 47.83 ng

RT: 9.67 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Tgt Ion:165 Resp: 225039

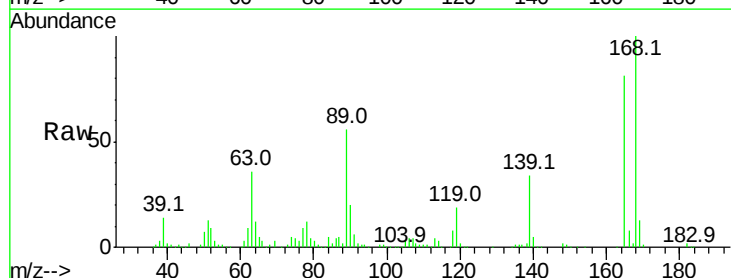
Ion Ratio Lower Upper

165 100

63 44.8 25.4 38.0#

89 68.4 46.4 69.6

182 2.4 1.8 2.6

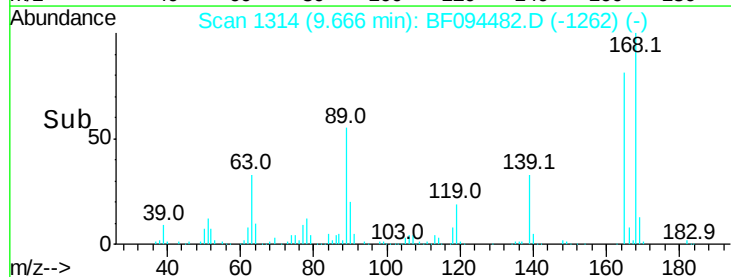
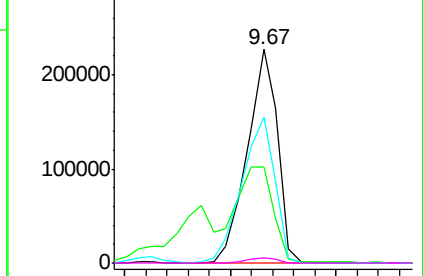


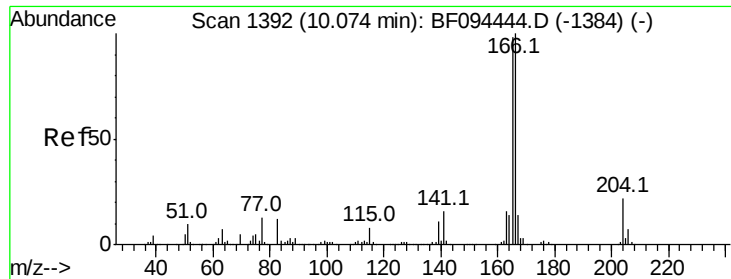
Abundance Ion 165.00 (164.70 to 165.70): E

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

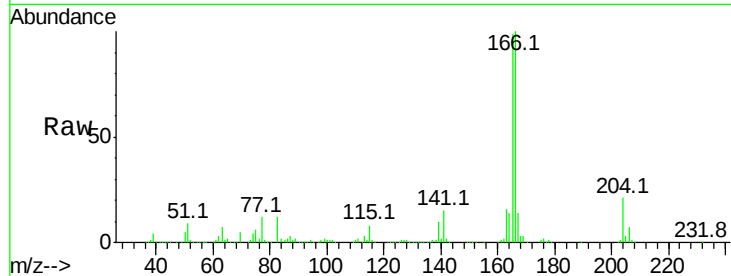




#57
 Fluorene
 Concen: 45.08 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.8	118.2
167	13.7	10.6	16.0

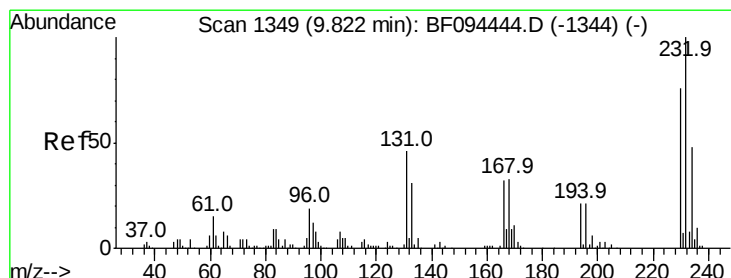
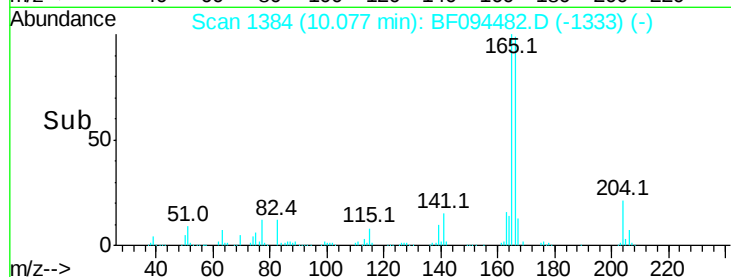
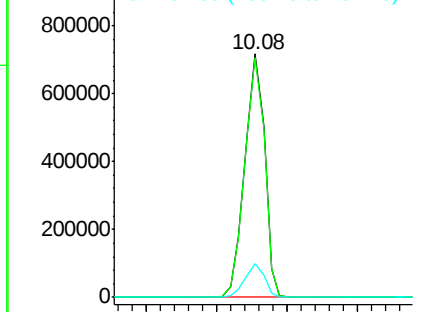


Abundance

Ion 166.00 (165.70 to 166.70): E

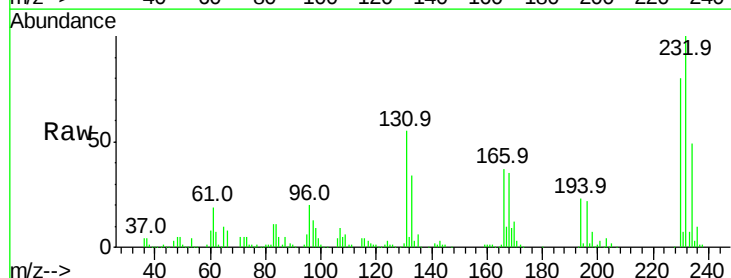
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.14 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
232	100		
231	53.4	44.8	67.2
130	2.6	2.3	3.5
166	36.8	29.0	43.4



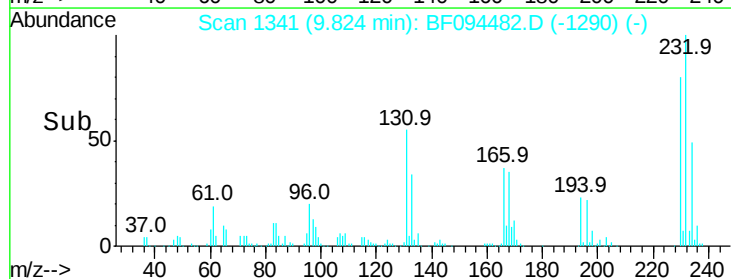
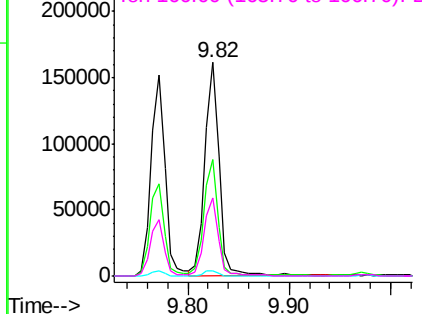
Abundance

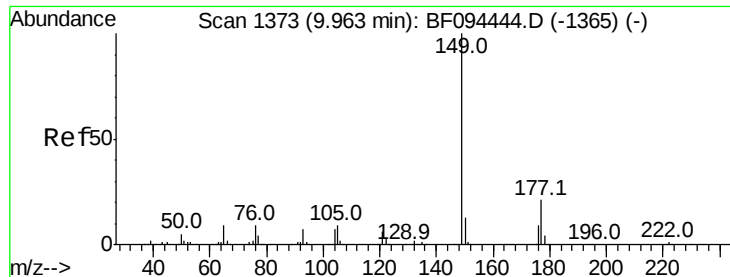
Ion 232.00 (231.70 to 232.70): E

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

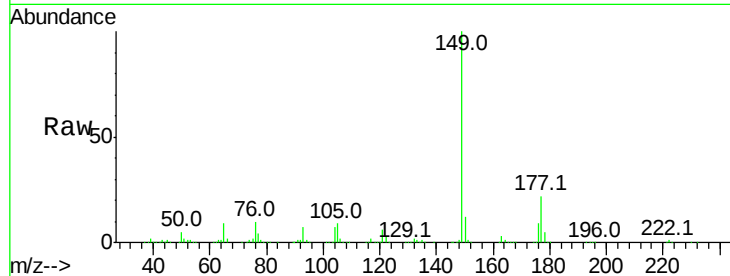




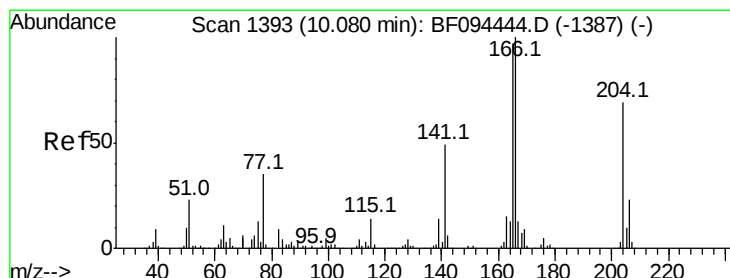
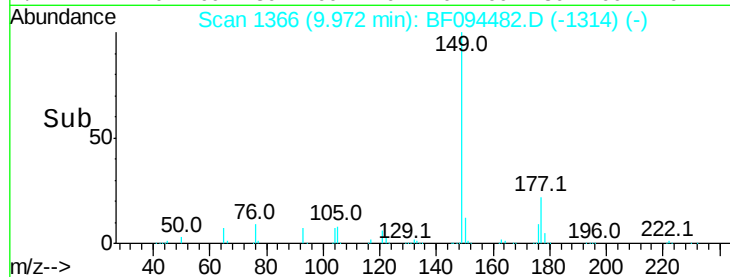
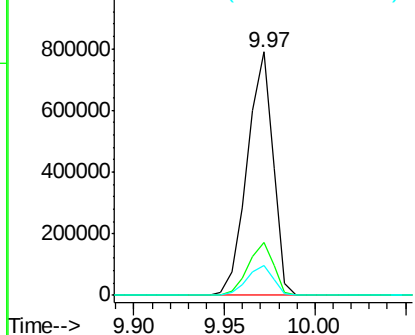
#59
Diethylphthalate
Concen: 48.52 ng
RT: 9.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 782144
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.3 10.2 15.2

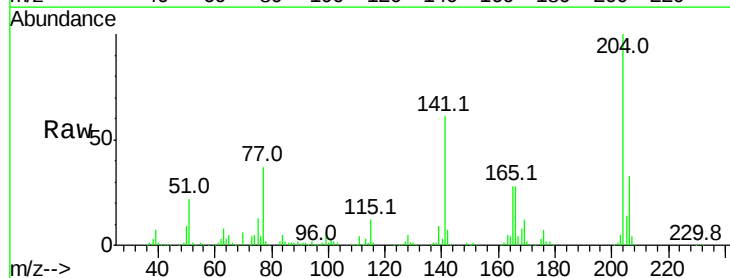


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

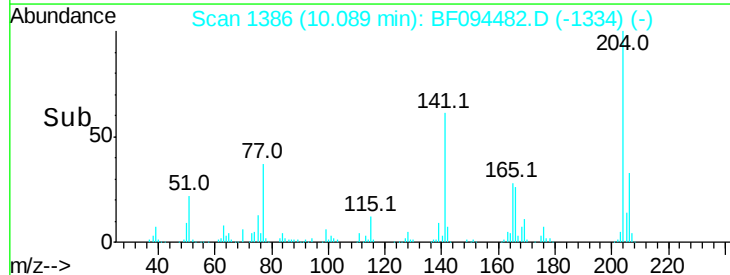
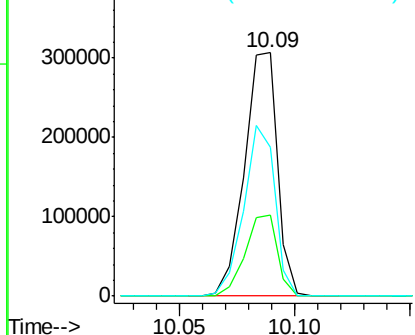


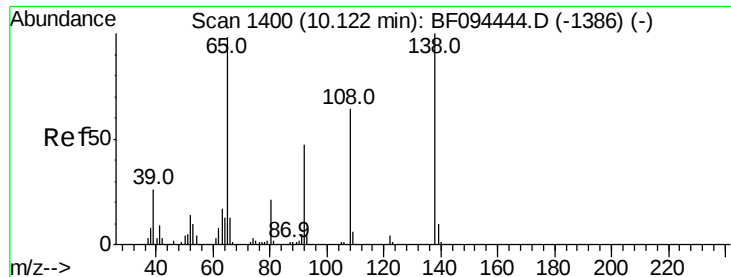
#60
4-Chlorophenyl-phenylether
Concen: 46.81 ng
RT: 10.09 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion:204 Resp: 306580
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 61.1 60.8 91.2



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





#61

4-Nitroaniline

Concen: 44.05 ng

RT: 10.13 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampleId :

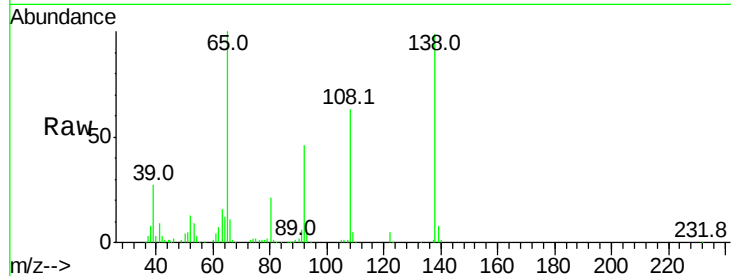
Tot Ion:138 Resp: 198667

Ion Ratio Lower Upper

138 100

92 46.8 21.8 61.8

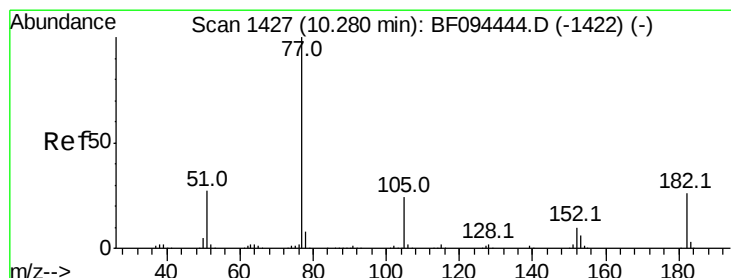
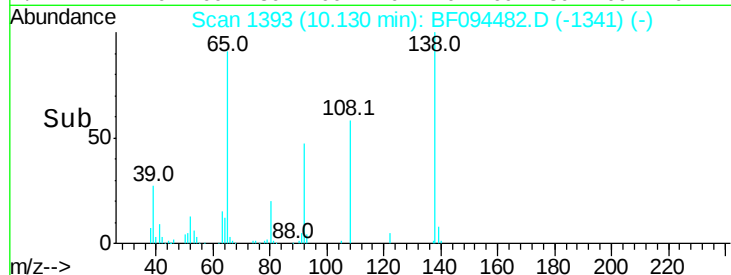
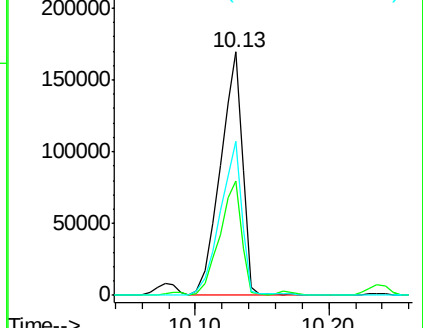
108 63.4 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.32 ng

RT: 10.28 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Tgt Ion: 77 Resp: 740631

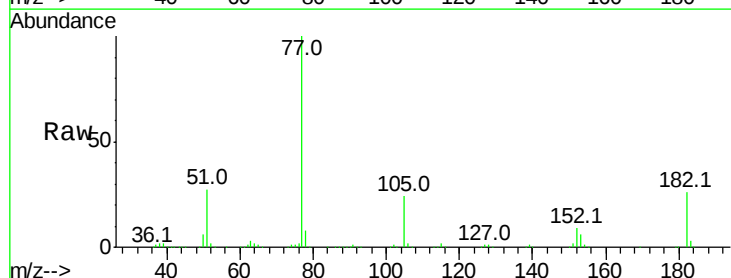
Ion Ratio Lower Upper

77 100

182 25.8 0.1 40.1

105 24.0 3.6 43.6

51 27.1 9.4 49.4

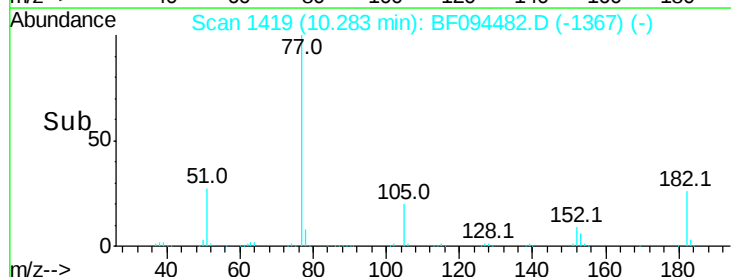
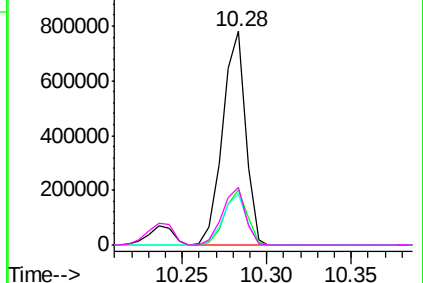


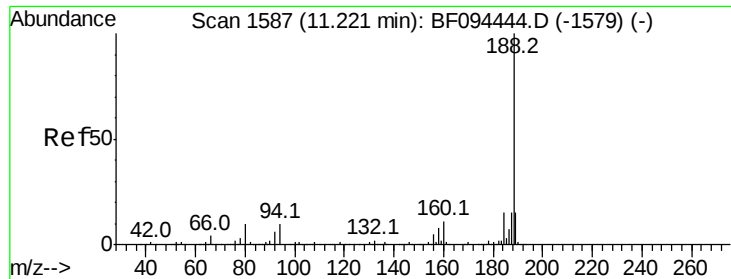
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

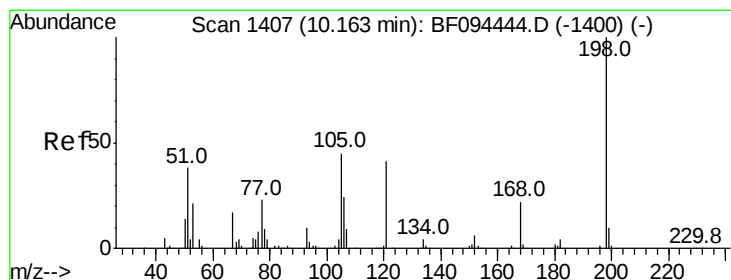
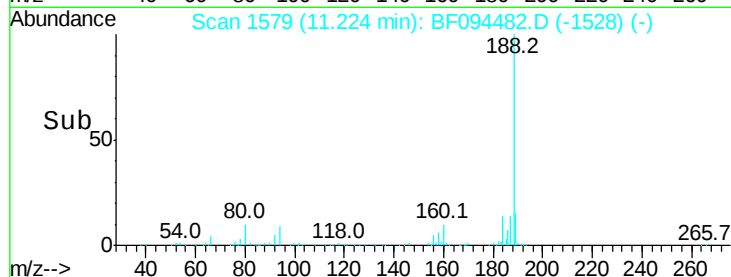
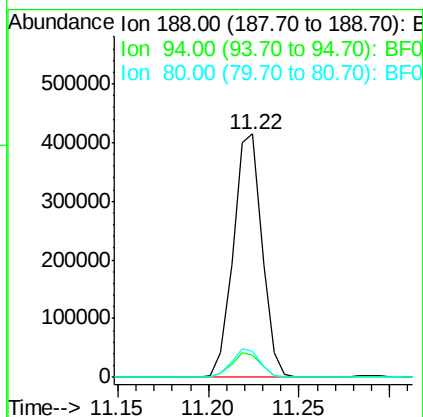
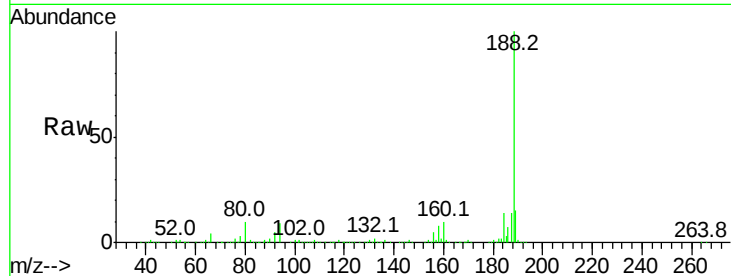




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

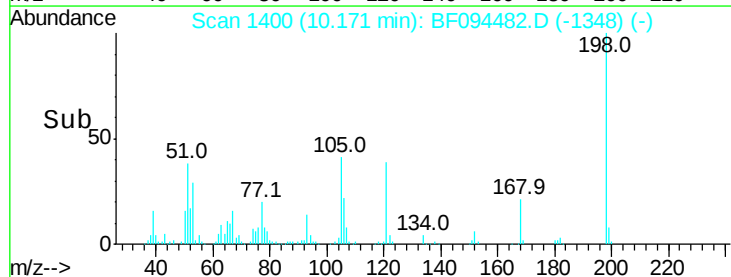
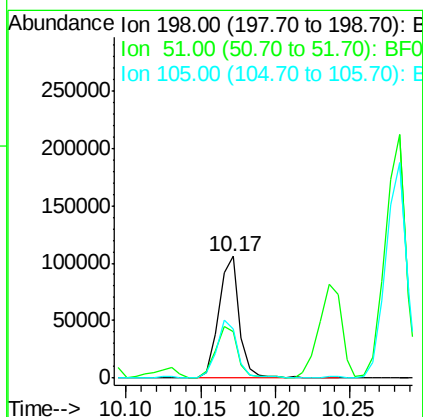
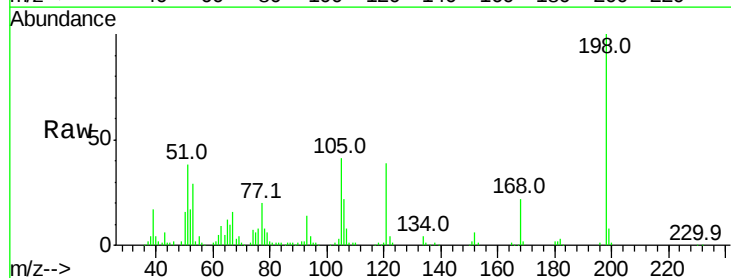
Instrument :
 BNA_F
 ClientSampleId :

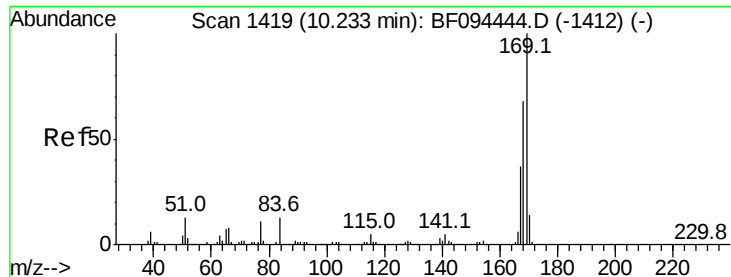
Tot Ion:188 Resp: 456504
 Ion Ratio Lower Upper
 188 100
 94 9.3 9.4 14.2#
 80 10.5 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.73 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion:198 Resp: 103866
 Ion Ratio Lower Upper
 198 100
 51 38.3 53.2 93.2#
 105 40.6 45.8 85.8#

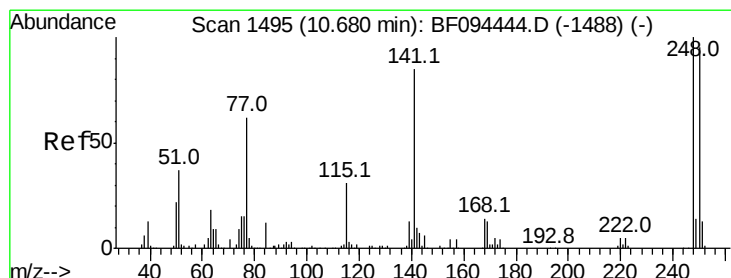
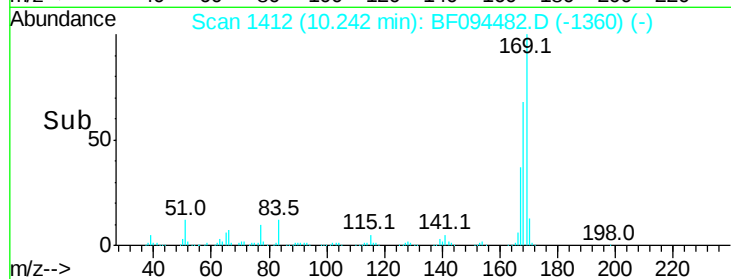
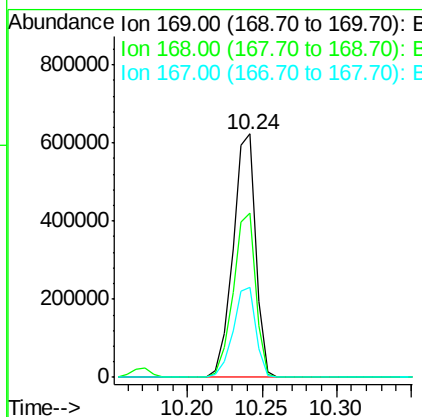
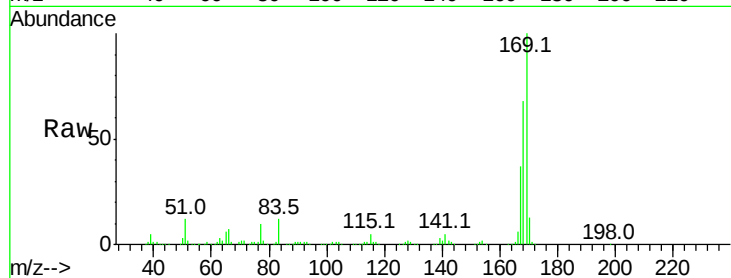




#65
 n-Nitrosodiphenylamine
 Concen: 42.03 ng
 RT: 10.24 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

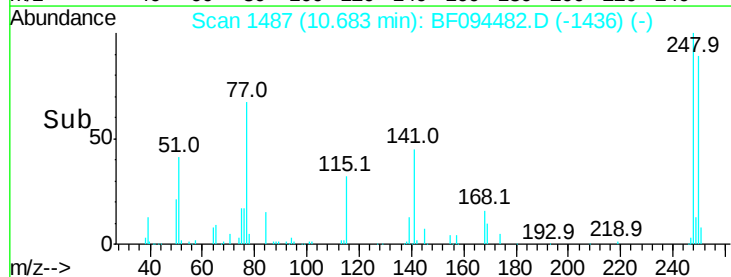
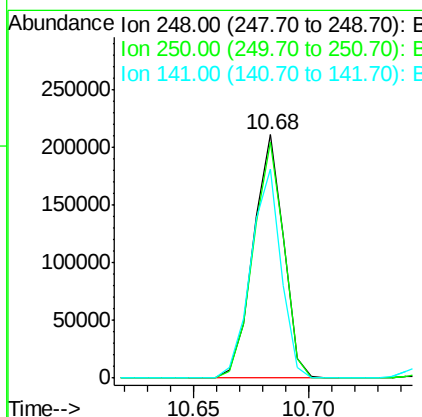
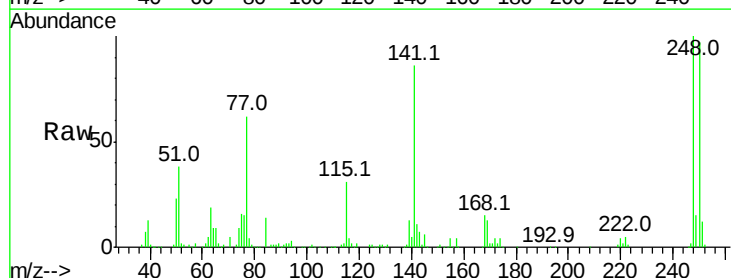
Instrument :
 BNA_F
 ClientSampleId :

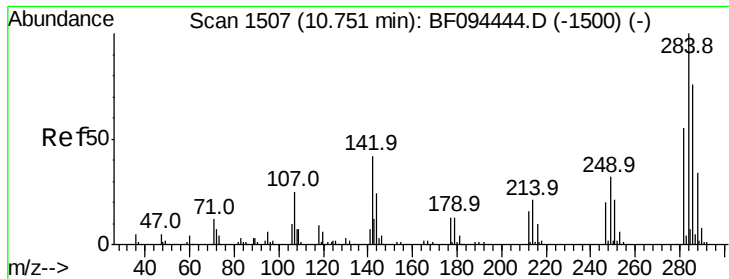
Tot Ion:169 Resp: 667280
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.2 79.8
 167 37.1 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.42 ng
 RT: 10.68 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion:248 Resp: 192265
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.8 115.2
 141 86.0 68.6 103.0





#67

Hexachlorobenzene

Concen: 42.34 ng

RT: 10.75 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampleId :

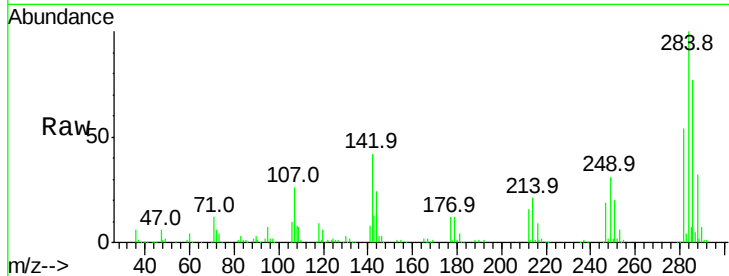
Tot Ion:284 Resp: 193429

Ion Ratio Lower Upper

284 100

142 41.8 22.8 34.2#

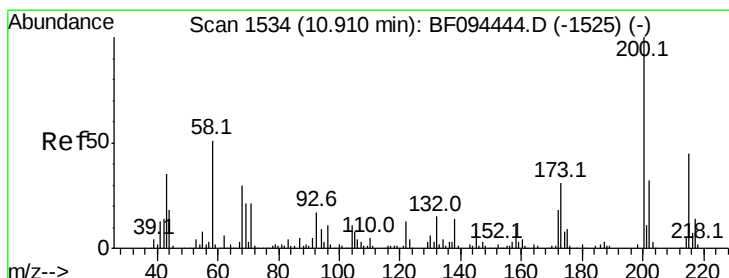
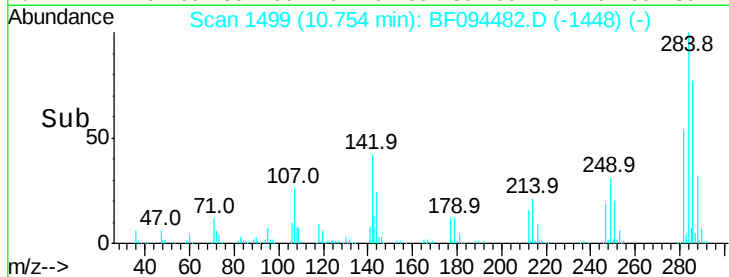
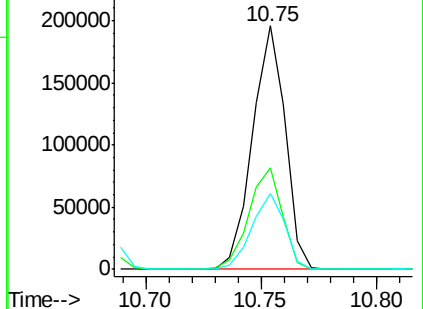
249 31.4 24.0 36.0



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: 43.49 ng

RT: 10.92 min Scan# 1527

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

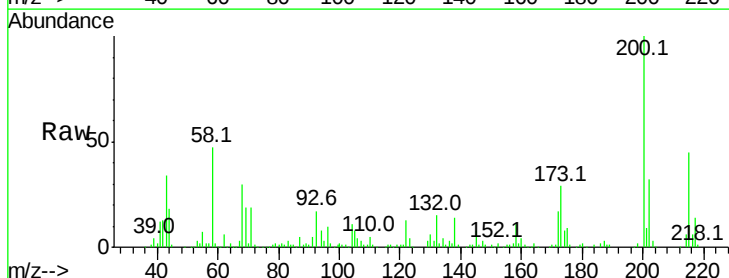
Tgt Ion:200 Resp: 206547

Ion Ratio Lower Upper

200 100

173 29.0 6.3 46.3

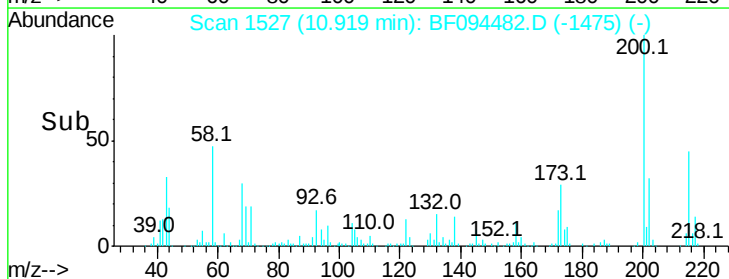
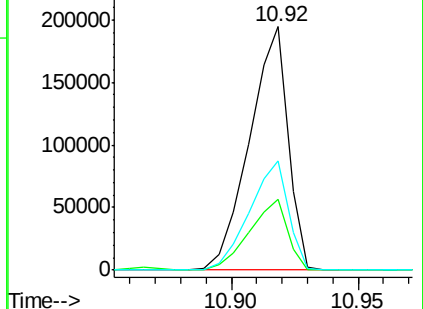
215 45.0 27.2 67.2

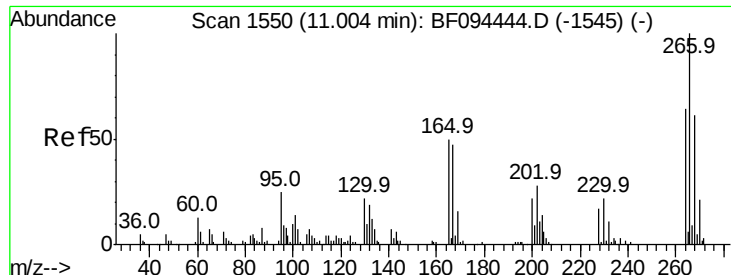


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

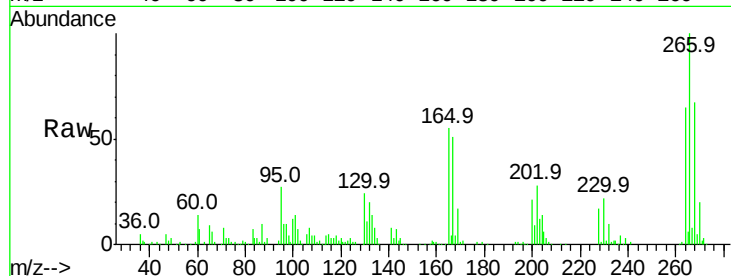




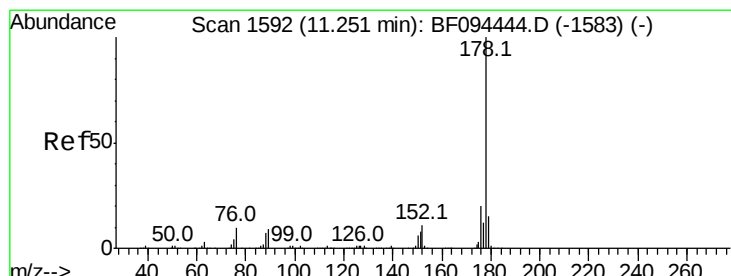
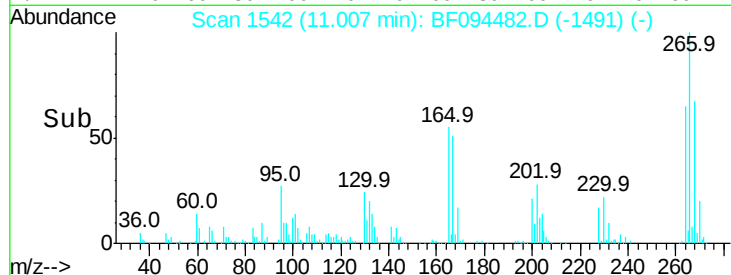
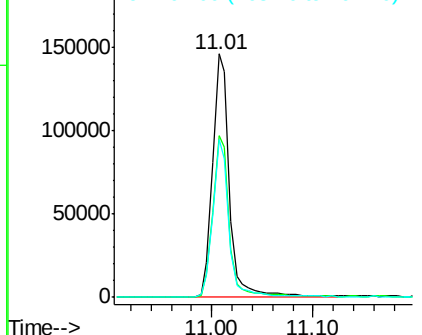
#69
 Pentachlorophenol
 Concen: 94.27 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.6	51.1	76.7
264	65.0	51.7	77.5

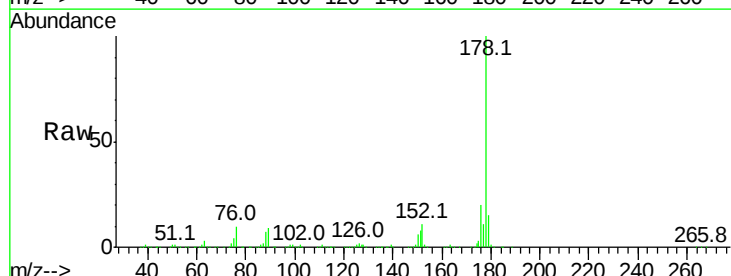


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

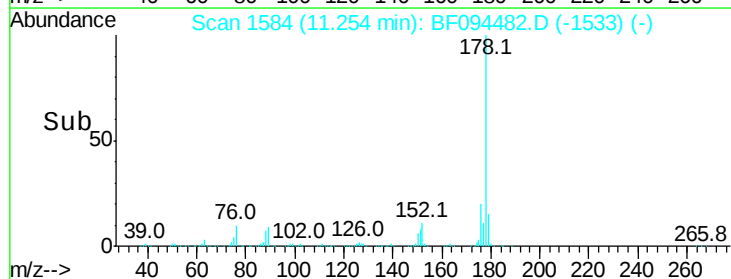
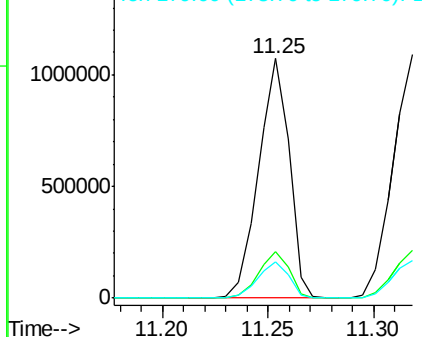


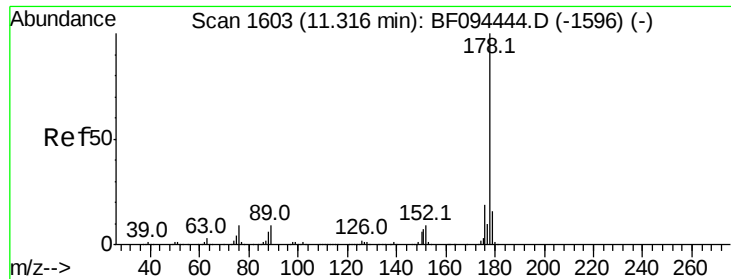
#70
 Phenanthrene
 Concen: 42.12 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.4	12.6	19.0



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

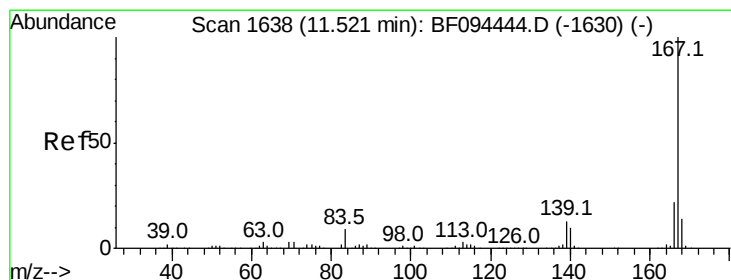
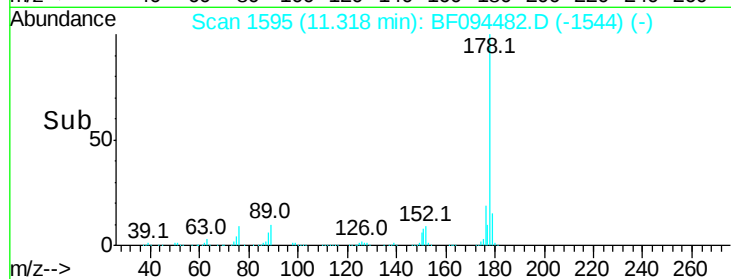
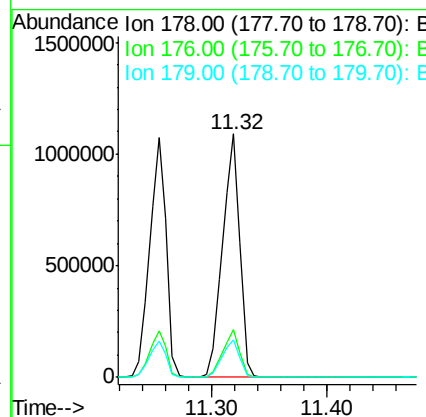
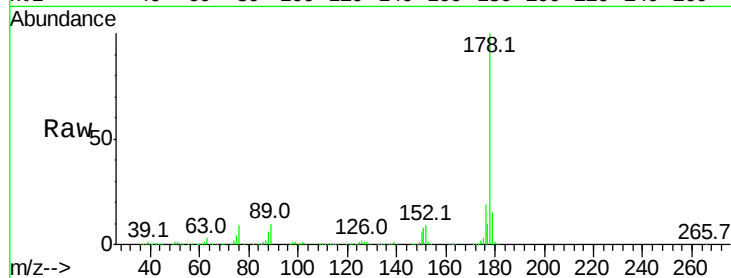




#71
 Anthracene
 Concen: 42.24 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

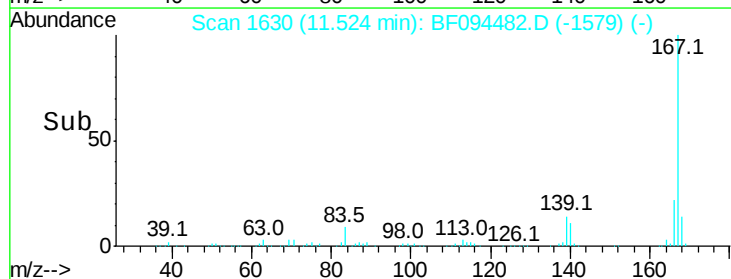
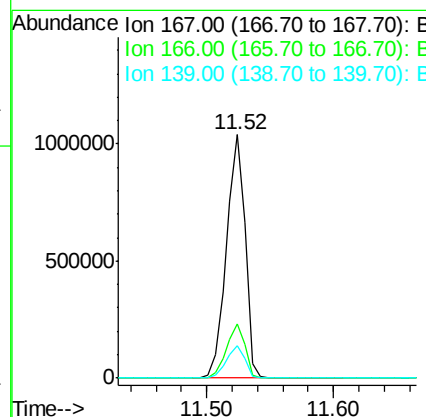
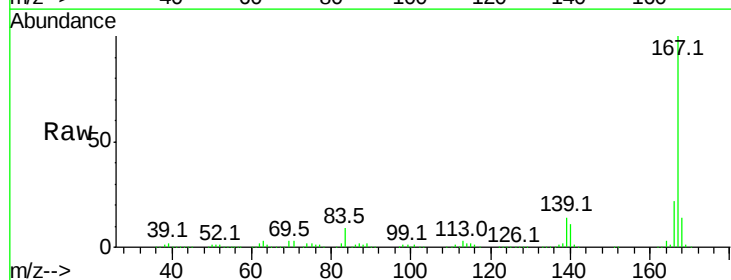
Instrument :
 BNA_F
 ClientSampled :

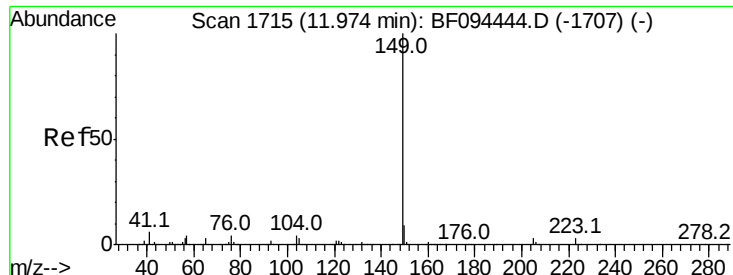
Tot Ion:178 Resp: 1123123
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 42.84 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion:167 Resp: 1069172
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.5 11.7 17.5

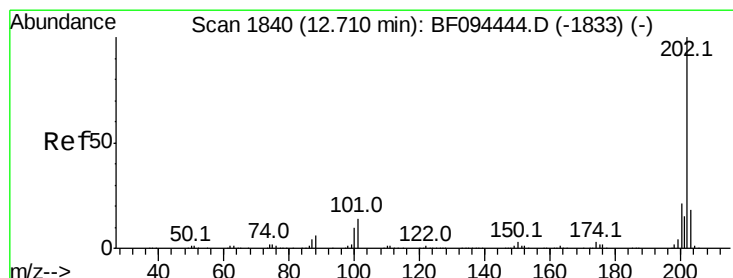
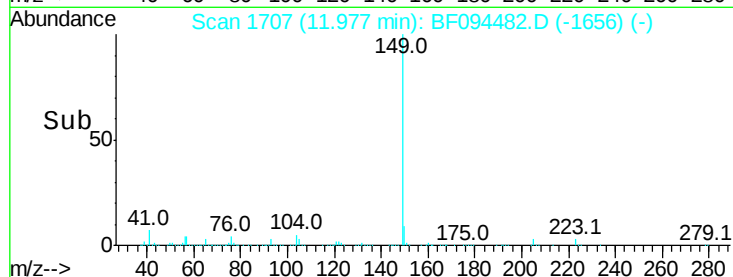
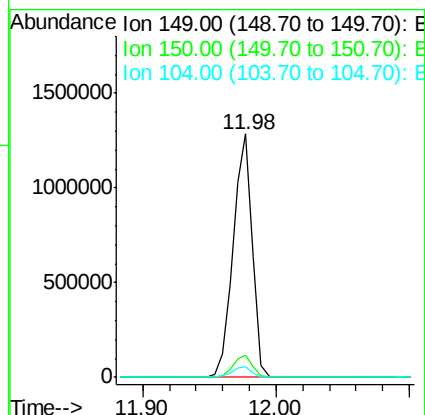
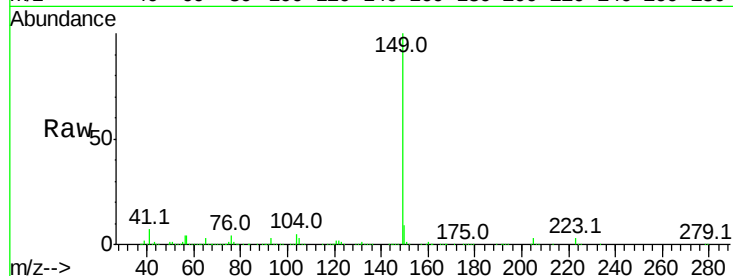




#73
Di-n-butylphthalate
Concen: 47.00 ng
RT: 11.98 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

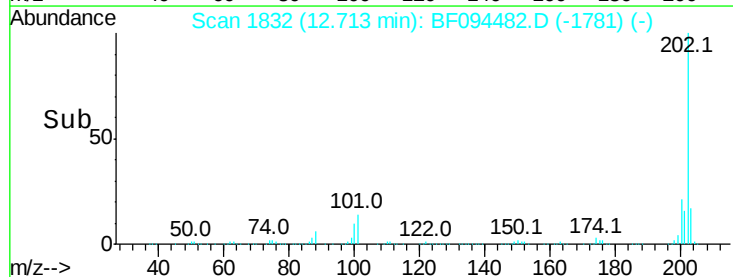
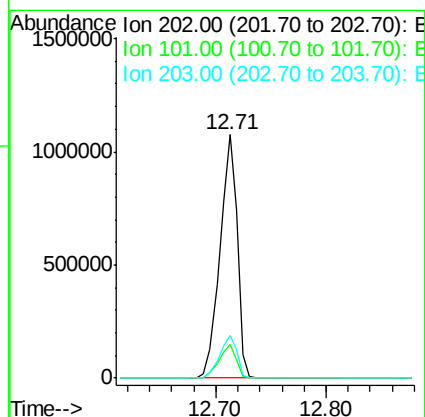
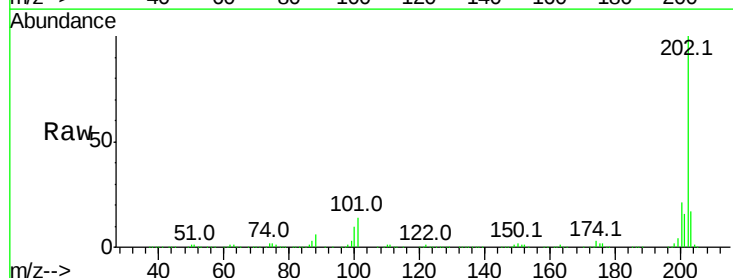
Instrument :
BNA_F
ClientSampleId :

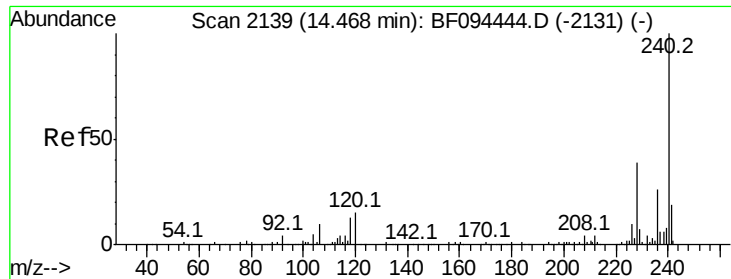
Tot Ion:149 Resp: 1291664
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 43.49 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion:202 Resp: 1158586
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.2
203 17.5 0.0 38.1

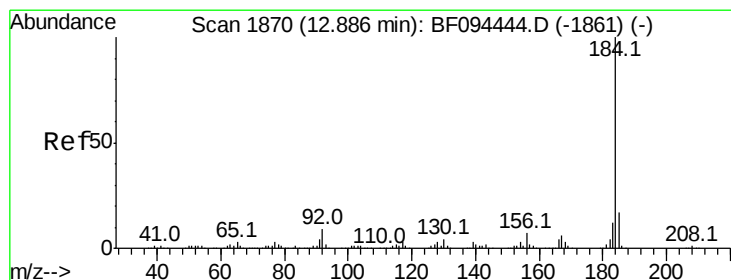
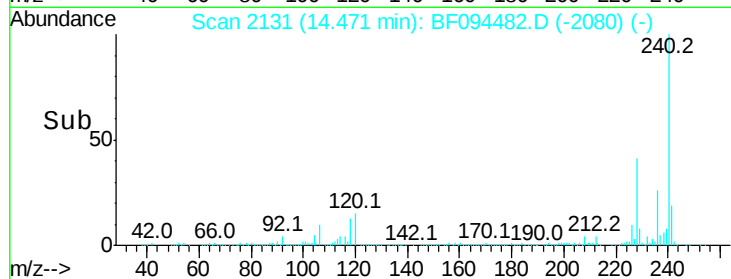
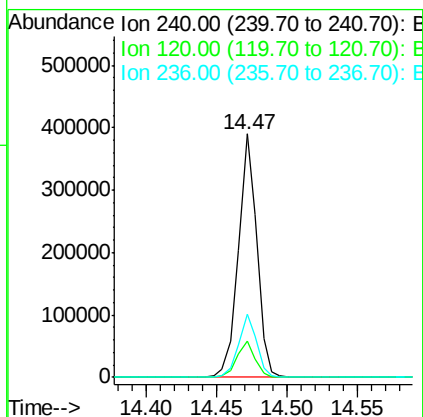
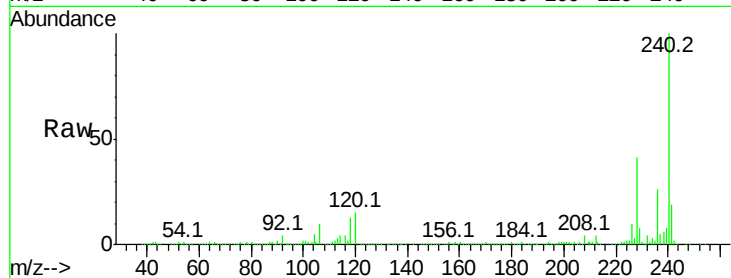




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

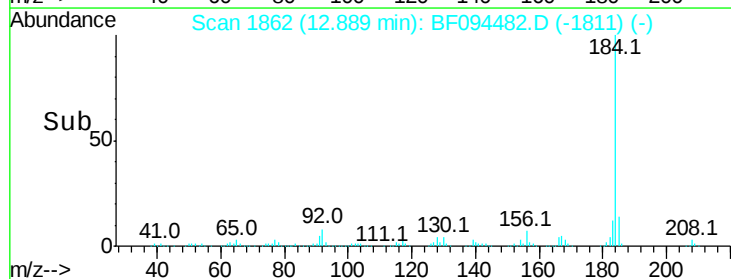
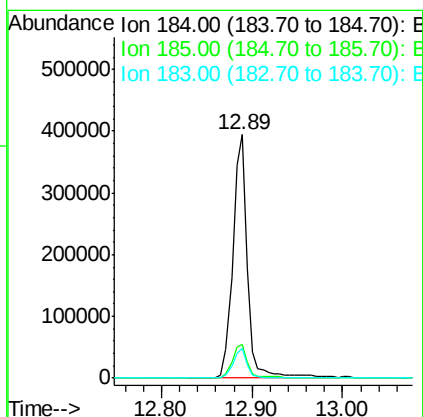
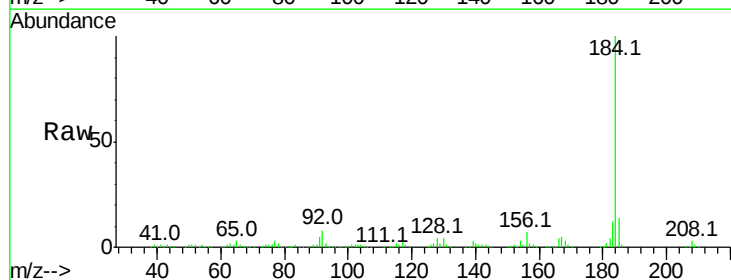
Instrument :
 BNA_F
 ClientSampled :

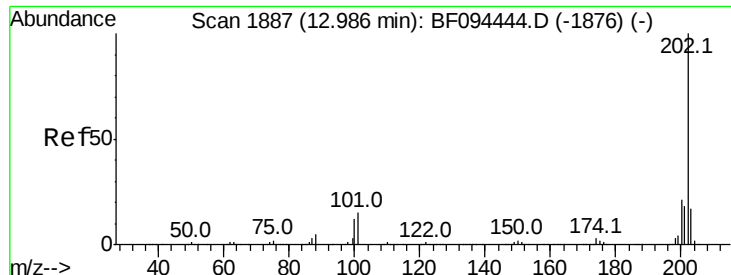
Tot Ion:240 Resp: 356661
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 25.8 20.5 30.7



#76
 Benzidine
 Concen: 30.99 ng
 RT: 12.89 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion:184 Resp: 447565
 Ion Ratio Lower Upper
 184 100
 185 14.1 15.5 23.3#
 183 12.3 9.8 14.6

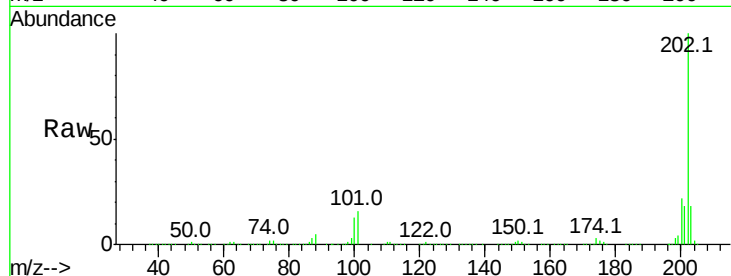




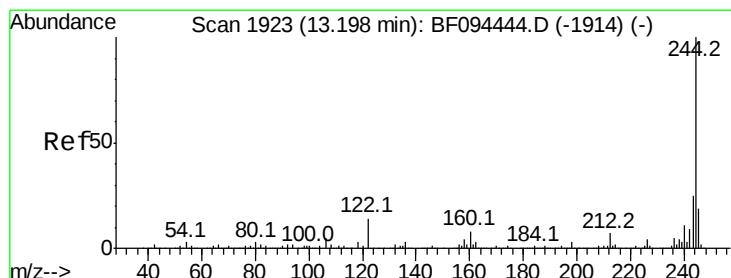
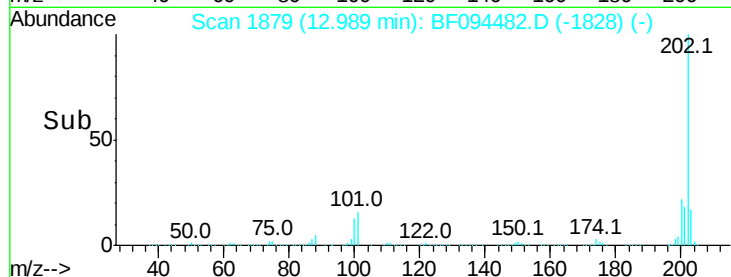
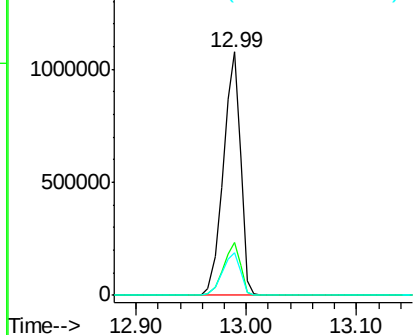
#77
Pvrene
Concen: 47.02 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1171564
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.5 14.4 21.6

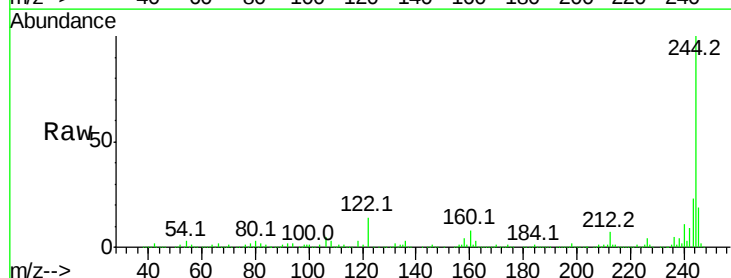


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

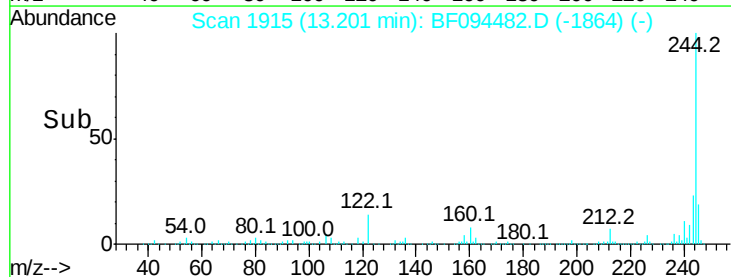
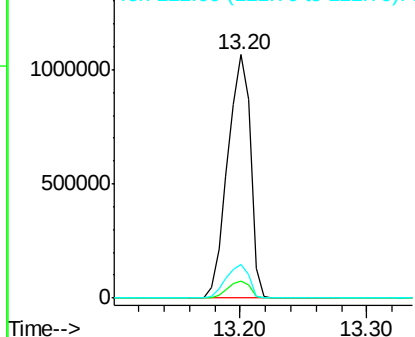


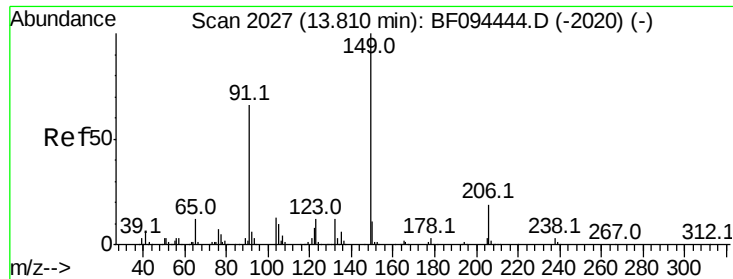
#78
Terphenyl-d14
Concen: 98.83 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion:244 Resp: 1318718
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.1 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

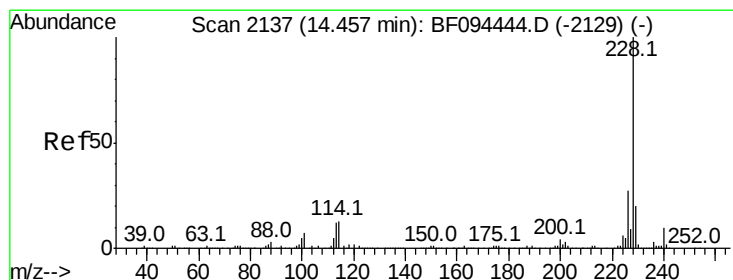
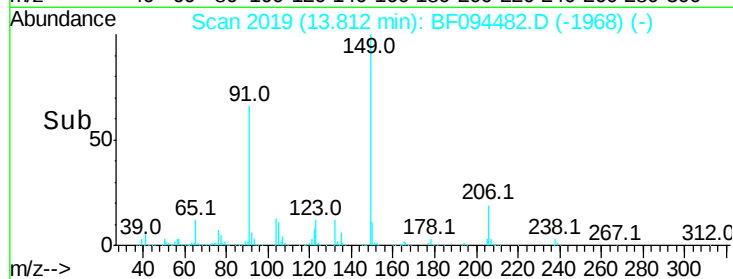
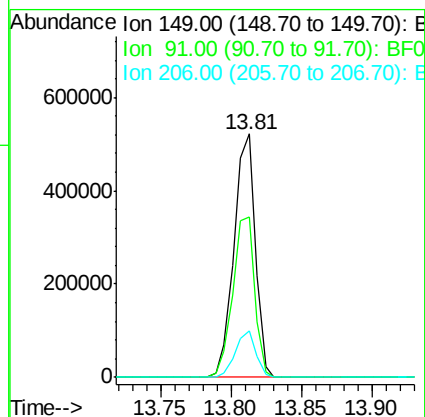
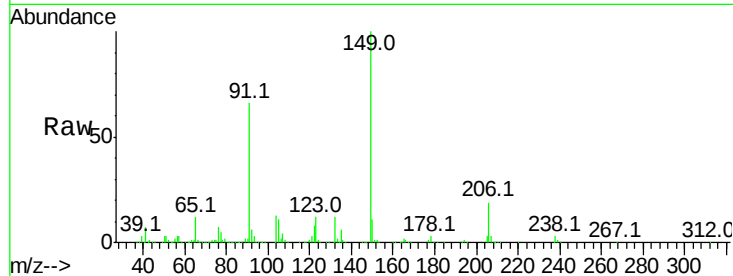




#79
 Butylbenzylphthalate
 Concen: 50.24 ng
 RT: 13.81 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

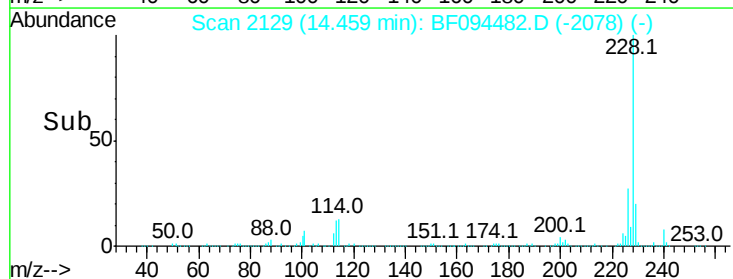
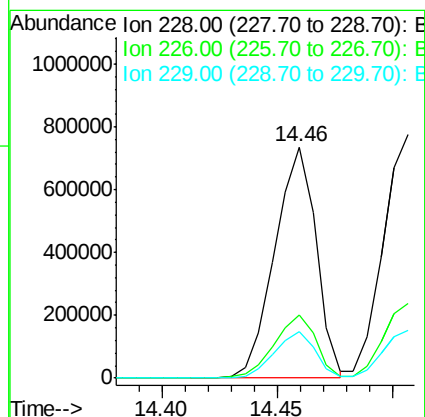
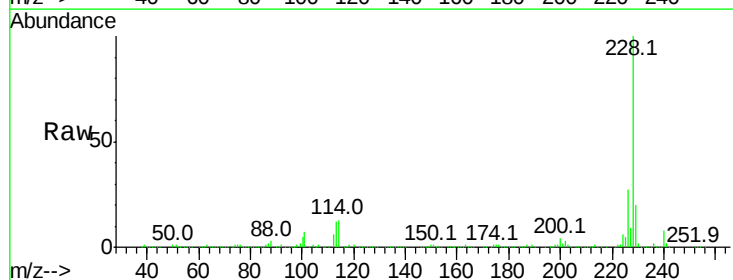
Instrument :
 BNA_F
 ClientSampleId :

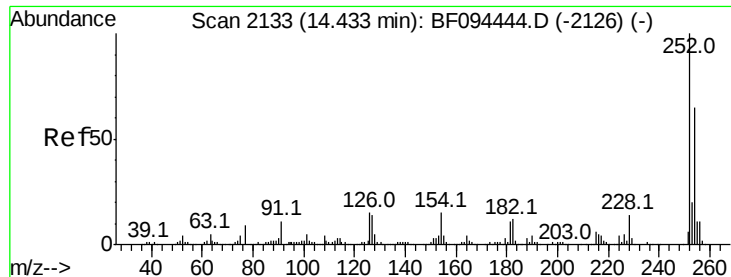
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.9	45.0	67.4
206	19.0	17.0	25.6



#80
 Benzo(a)anthracene
 Concen: 44.04 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.9	16.3	24.5

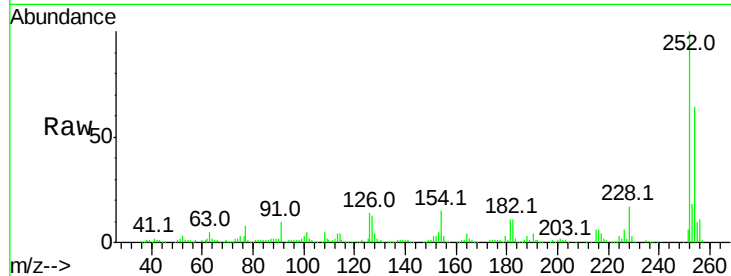




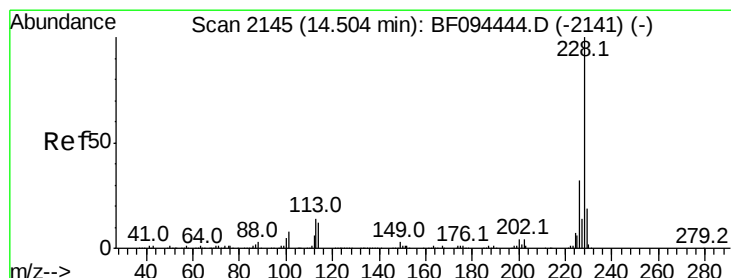
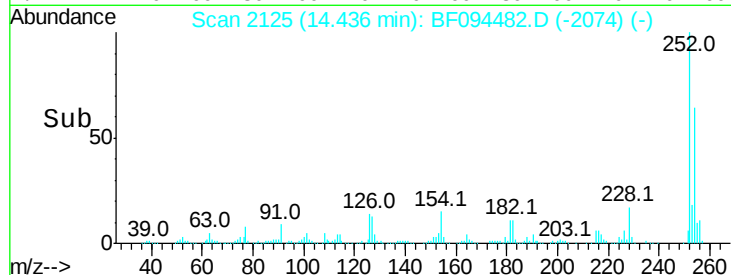
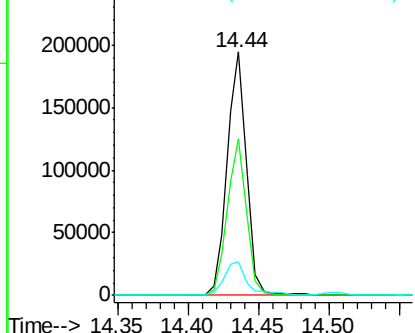
#81
 3,3'-Dichlorobenzidine
 Concen: 25.14 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 184464
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.5 77.3
 126 13.6 15.8 23.8#

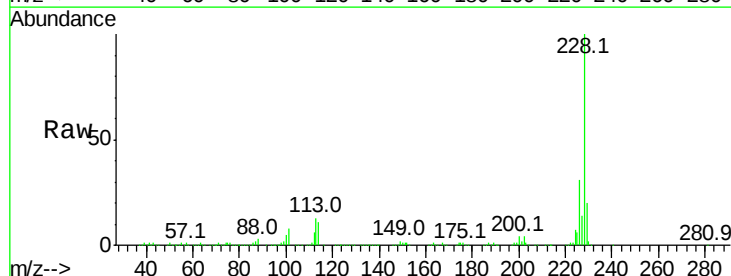


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

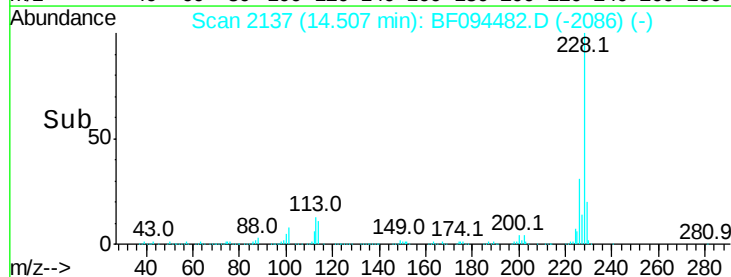
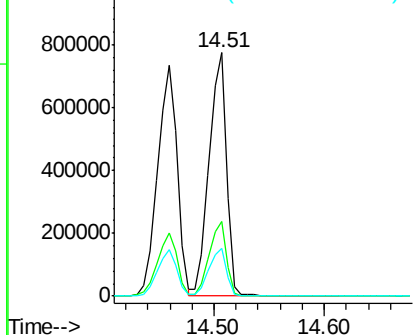


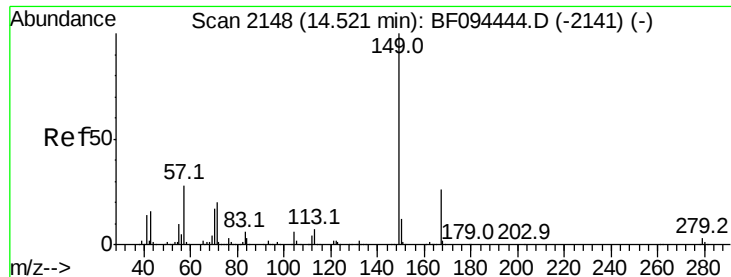
#82
 Chrysene
 Concen: 43.75 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion:228 Resp: 828916
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 19.6 15.8 23.6



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

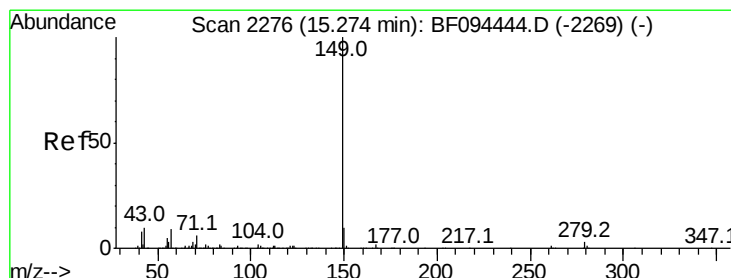
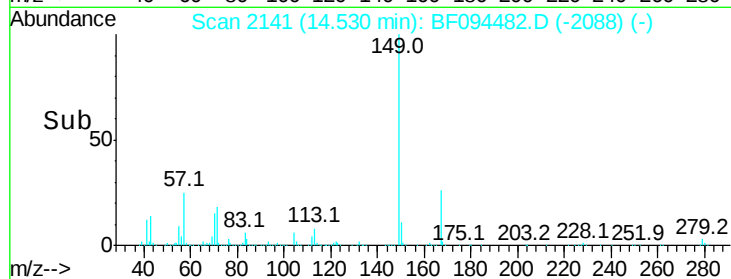
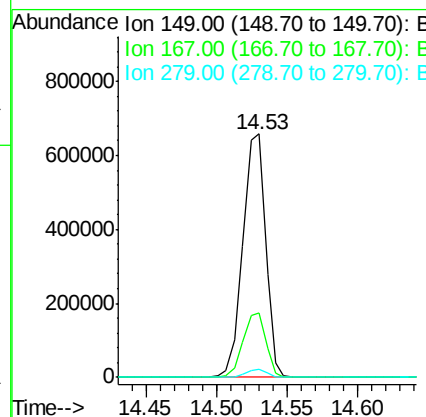
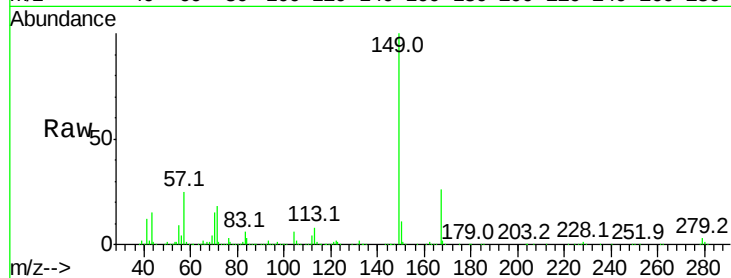




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.71 ng
 RT: 14.53 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

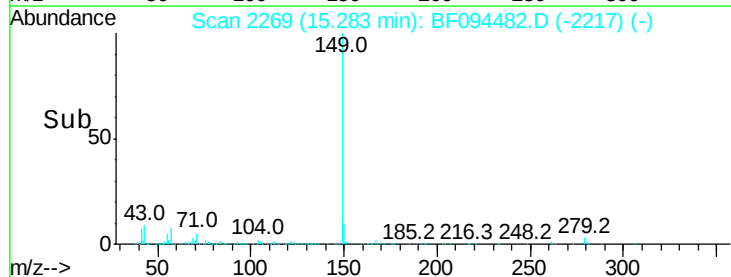
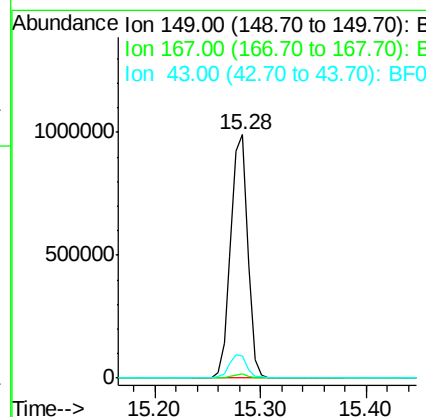
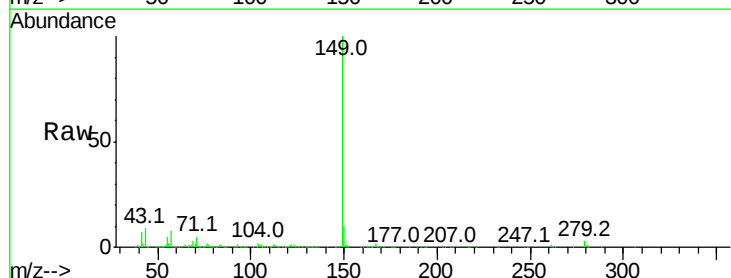
Instrument :
 BNA_F
 ClientSampleId :

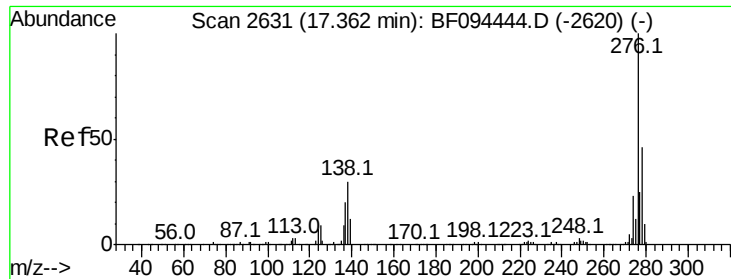
Tot Ion:149 Resp: 743568
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 3.4 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 45.02 ng
 RT: 15.28 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion:149 Resp: 1107251
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.5 8.5 12.7

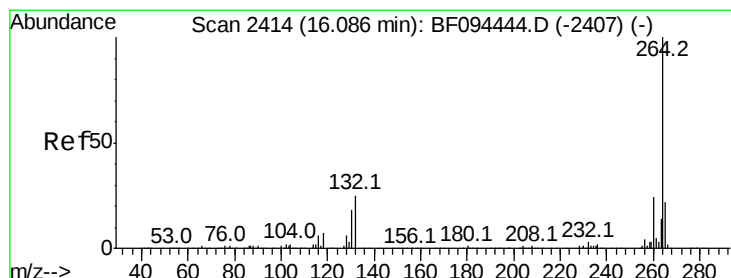
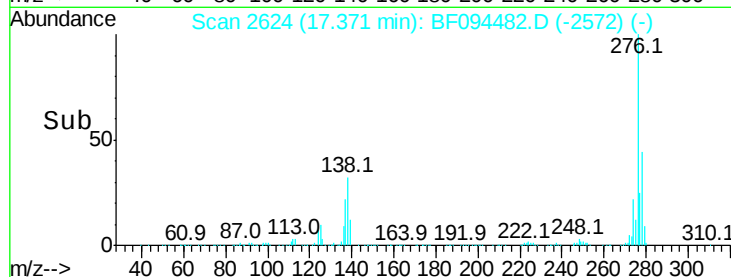
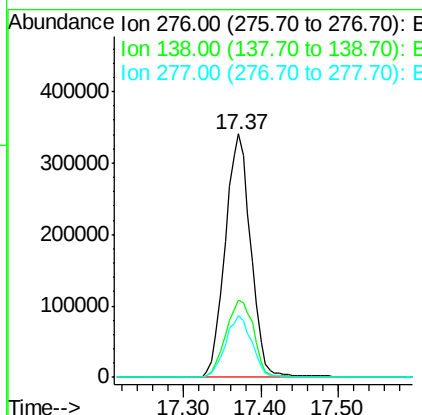
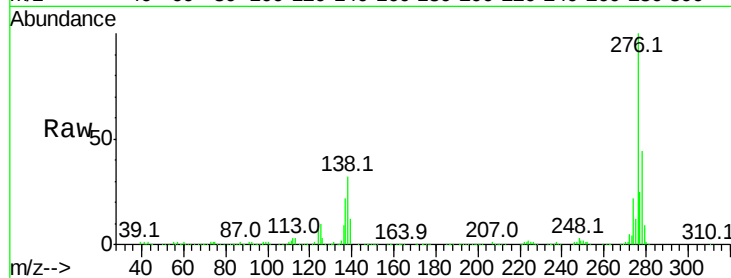




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.82 ng
RT: 17.37 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

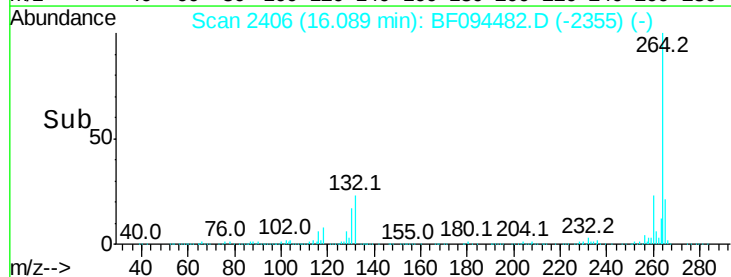
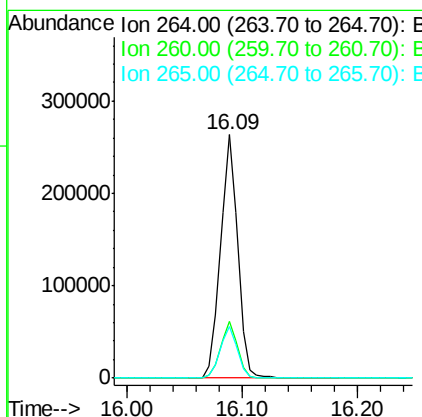
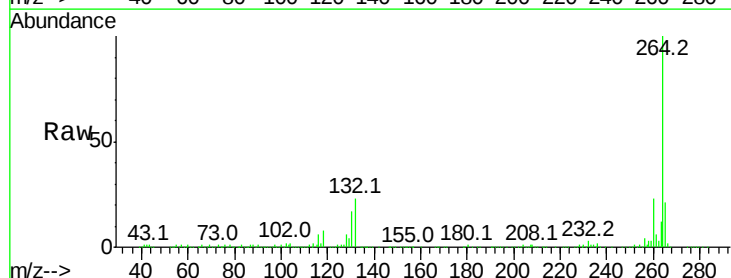
Instrument :
BNA_F
ClientSampleId :

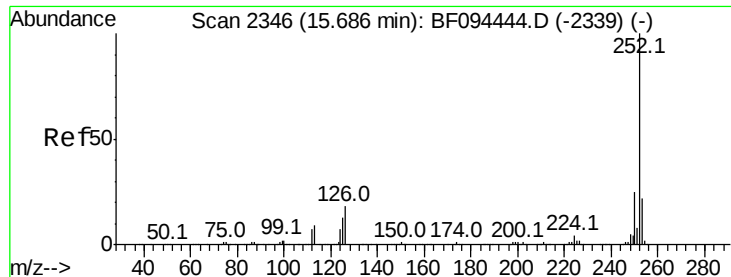
Tot Ion:276 Resp: 789922
Ion Ratio Lower Upper
276 100
138 35.0 27.8 41.6
277 26.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion:264 Resp: 273969
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 21.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 43.92 ng

RT: 15.69 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampleId :

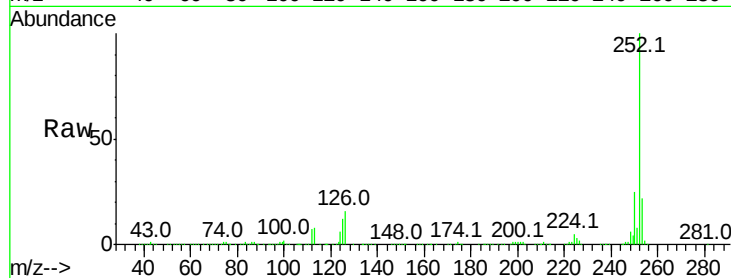
Tot Ion:252 Resp: 736011

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

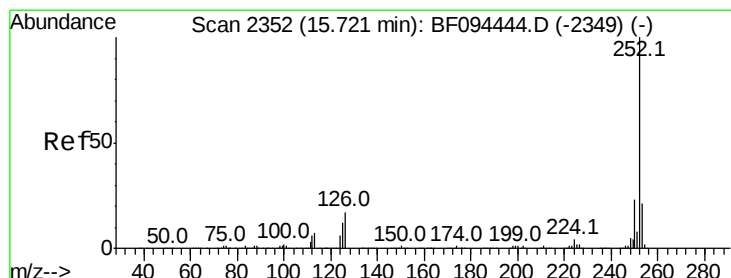
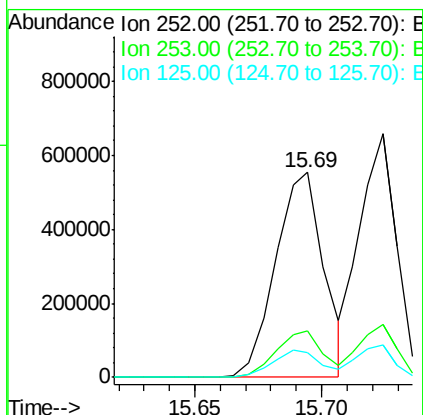
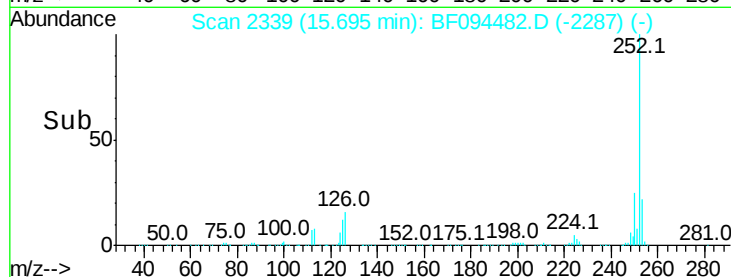
125 12.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.05 ng

RT: 15.72 min Scan# 2344

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

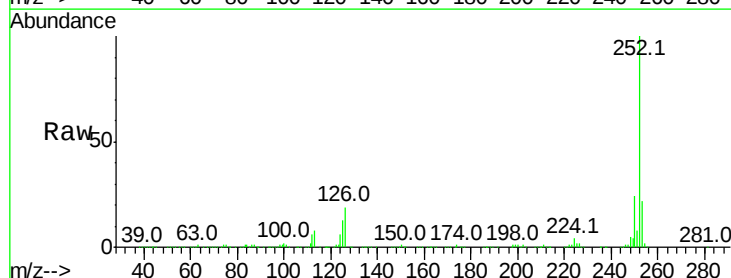
Tgt Ion:252 Resp: 682738

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

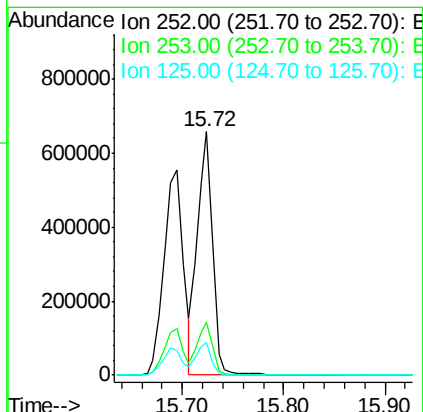
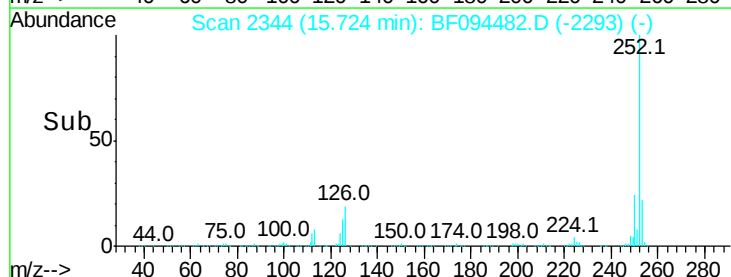
125 13.2 13.1 19.7

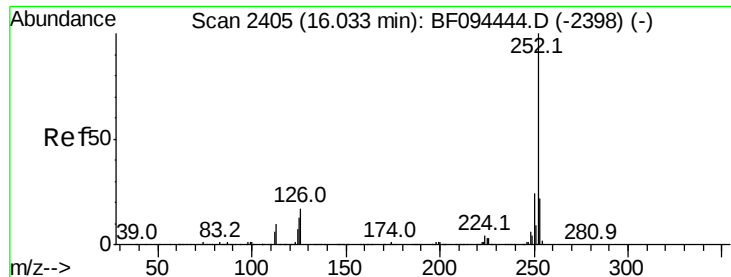


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.58 ng

RT: 16.04 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampleId :

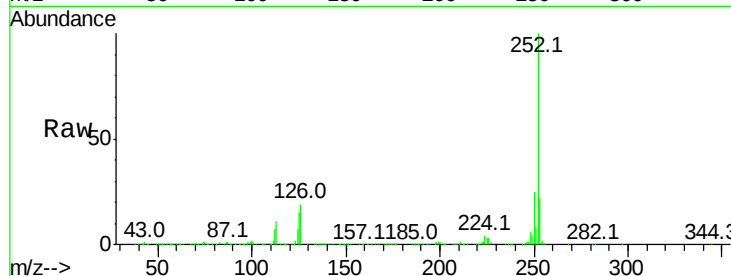
Tot Ion:252 Resp: 679448

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

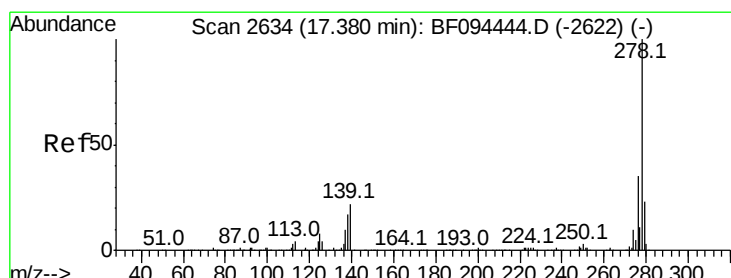
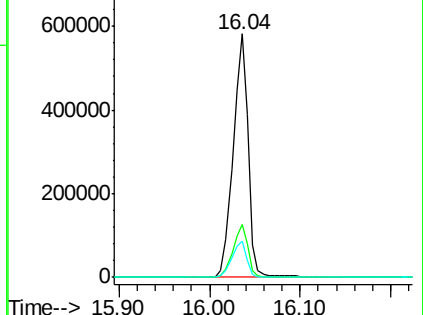
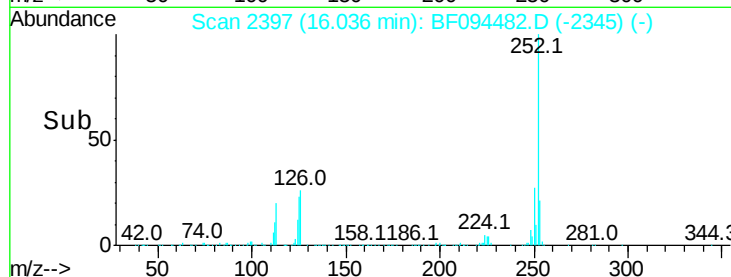
125 14.7 11.0 16.4



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: 50.72 ng

RT: 17.39 min Scan# 2627

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

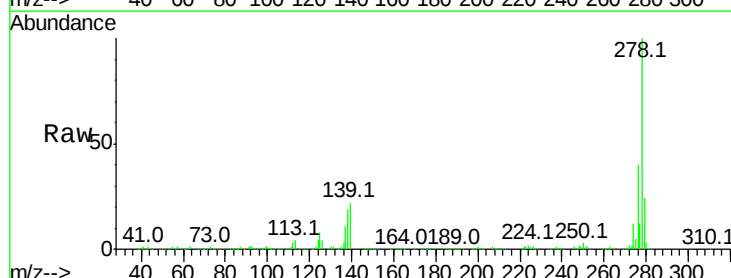
Tgt Ion:278 Resp: 656630

Ion Ratio Lower Upper

278 100

139 21.9 16.6 24.8

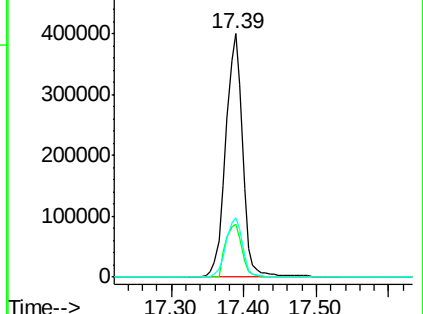
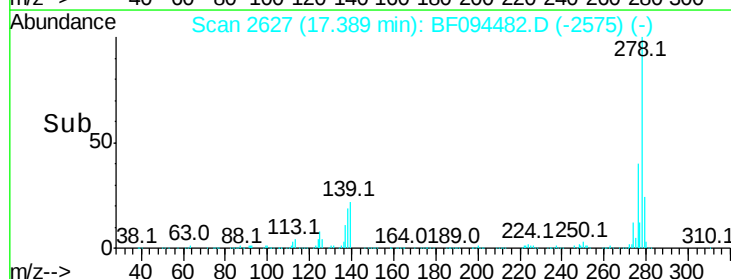
279 24.4 19.3 28.9

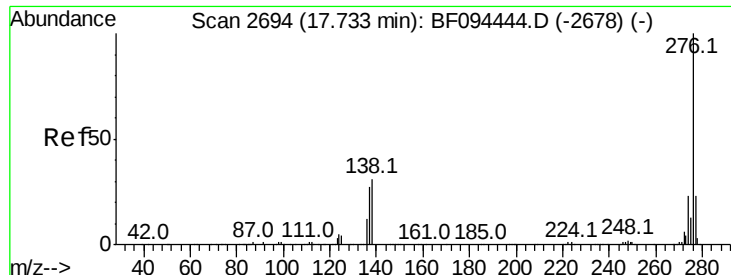


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.49 ng

RT: 17.75 min Scan# 2688

Delta R.T. 0.01 min

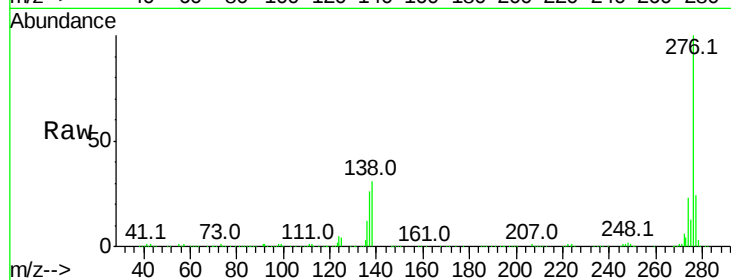
Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 678667

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 30.9 25.4 38.0

