

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094313.D
 Acq On : 10 Apr 2017 16:10
 Operator : SJ/MA
 Sample : PB98147BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:47:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	163351	20.00	ng	-0.02
21) Naphthalene-d8	7.35	136	653302	20.00	ng	-0.02
38) Acenaphthene-d10	9.49	164	297867	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	515835	20.00	ng	-0.01
75) Chrysene-d12	14.56	240	379908	20.00	ng	-0.01
86) Perylene-d12	16.18	264	269514	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.40	112	1151752	119.09	ng	0.02
7) Phenol-d6	5.49	99	1456291	121.72	ng	0.02
23) Nitrobenzene-d5	6.49	82	923657	80.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	323341	137.37	ng	0.00
44) 2-Fluorobiphenyl	8.67	172	1696987	86.90	ng	-0.02
78) Terphenyl-d14	13.29	244	1413704	83.41	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	133837	28.80	ng	98
3) Pyridine	2.70	79	422797	33.39	ng	99
4) n-Nitrosodimethylamine	2.66	42	203802	39.11	ng	91
6) Aniline	5.47	93	406352	24.42	ng	94
8) 2-Chlorophenol	5.62	128	456408	42.93	ng	98
9) Benzaldehyde	5.33	77	154844	19.17	ng	99
10) Phenol	5.50	94	551645	40.52	ng	89
11) bis(2-Chloroethyl)ether	5.55	93	433456	40.74	ng	98
12) 1,3-Dichlorobenzene	5.77	146	476647	39.97	ng	98
13) 1,4-Dichlorobenzene	5.86	146	485746	40.22	ng	98
14) 1,2-Dichlorobenzene	6.03	146	442300	39.77	ng	97
15) Benzyl Alcohol	6.02	79	344757	39.37	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.17	45	568635	34.68	ng	50
17) 2-Methylphenol	6.18	107	371016	40.75	ng	95
18) Hexachloroethane	6.43	117	170351	40.13	ng	# 88
19) n-Nitroso-di-n-propylamine	6.33	70	330398	42.97	ng	96
20) 3+4-Methylphenols	6.36	107	524705	47.59	ng	# 62
22) Acetophenone	6.32	105	639520	43.92	ng	# 86
24) Nitrobenzene	6.52	77	462468	40.96	ng	95
25) Isophorone	6.80	82	839106	41.71	ng	96
26) 2-Nitrophenol	6.89	139	258634	48.04	ng	98
27) 2,4-Dimethylphenol	6.97	122	415602	44.80	ng	98
28) bis(2-Chloroethoxy)methane	7.06	93	547084	41.24	ng	98
29) 2,4-Dichlorophenol	7.20	162	395581	45.60	ng	97
30) 1,2,4-Trichlorobenzene	7.28	180	378458	42.36	ng	99
31) Naphthalene	7.37	128	1273654	40.55	ng	99
32) Benzoic acid	7.16	122	249905	40.46	ng	98
33) 4-Chloroaniline	7.44	127	180254	14.16	ng	95
34) Hexachlorobutadiene	7.52	225	192497	42.01	ng	99
35) Caprolactam	7.89	113	68665	24.82	ng	98
36) 4-Chloro-3-methylphenol	8.09	107	413103	45.58	ng	91
37) 2-Methylnaphthalene	8.22	142	902824	43.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	332752	40.84	ng	99
40) Hexachlorocyclopentadiene	8.41	237	330094	86.57	ng	99

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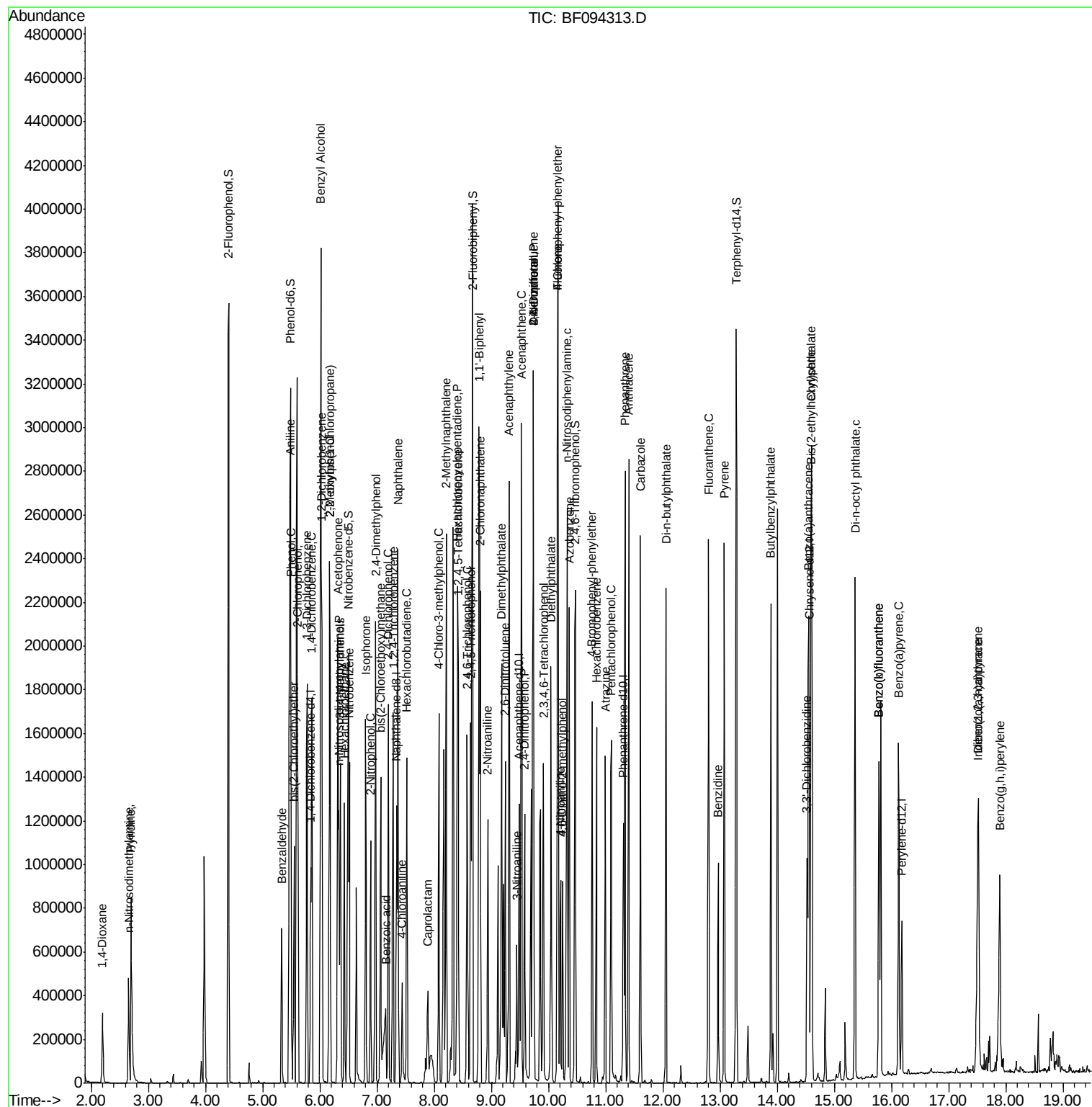
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	269013	46.66	nq	98
43) 2,4,5-Trichlorophenol	8.64	196	271902	43.59	nq	93
45) 1,1'-Biphenyl	8.79	154	1012776	42.15	nq	98
46) 2-Chloronaphthalene	8.81	162	810162	43.08	nq	95
47) 2-Nitroaniline	8.94	65	245734	44.05	nq	89
48) Acenaphthylene	9.32	152	1262948	40.41	nq	99
49) Dimethylphthalate	9.18	163	975830	46.09	nq	99
50) 2,6-Dinitrotoluene	9.25	165	219532	45.23	nq	# 89
51) Acenaphthene	9.53	154	758497	41.59	nq	100
52) 3-Nitroaniline	9.45	138	114878	20.16	nq	94
53) 2,4-Dinitrophenol	9.59	184	200768	77.45	nq	# 72
54) Dibenzofuran	9.74	168	1071207	43.15	nq	98
55) 4-Nitrophenol	9.74	139	724478	162.31	nq	# 32
56) 2,4-Dinitrotoluene	9.74	165	256256	42.03	nq	# 62
57) Fluorene	10.16	166	827579	40.20	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	197515	46.15	nq	99
59) Diethylphthalate	10.05	149	937639	44.80	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	353311	40.28	nq	91
61) 4-Nitroaniline	10.21	138	227201	41.54	nq	94
62) Azobenzene	10.36	77	902141	45.57	nq	97
64) 4,6-Dinitro-2-methylphenol	10.25	198	144363	45.70	nq	# 77
65) n-Nitrosodiphenylamine	10.32	169	787917	44.17	nq	98
66) 4-Bromophenyl-phenylether	10.77	248	229310	45.20	nq	96
67) Hexachlorobenzene	10.84	284	233712	45.51	nq	# 90
68) Atrazine	11.00	200	225409	42.19	nq	96
69) Pentachlorophenol	11.10	266	204129	63.86	nq	98
70) Phenanthrene	11.34	178	1230992	42.90	nq	100
71) Anthracene	11.40	178	1276727	43.21	nq	99
72) Carbazole	11.61	167	1198877	39.57	nq	99
73) Di-n-butylphthalate	12.06	149	1445797	45.89	nq	98
74) Fluoranthene	12.80	202	1259895	42.88	nq	98
76) Benzidine	12.97	184	409703	27.25	nq	# 92
77) Pyrene	13.08	202	1271864	46.13	nq	99
79) Butylbenzylphthalate	13.89	149	605209	51.52	nq	# 84
80) Benzo(a)anthracene	14.55	228	985756	44.50	nq	99
81) 3,3'-Dichlorobenzidine	14.52	252	206632	26.09	nq	# 96
82) Chrysene	14.59	228	859583	41.81	nq	99
83) Bis(2-ethylhexyl)phthalate	14.61	149	809217	50.49	nq	# 99
84) Di-n-octyl phthalate	15.36	149	1304121	48.71	nq	97
85) Indeno(1,2,3-cd)pyrene	17.51	276	739307	41.52	nq	99
87) Benzo(b)fluoranthene	15.78	252	777924	47.09	nq	98
88) Benzo(k)fluoranthene	15.78	252	777924	48.13	nq	95
89) Benzo(a)pyrene	16.13	252	683094	44.90	nq	98
90) Dibenzo(a,h)anthracene	17.53	278	610676	47.40	nq	98
91) Benzo(g,h,i)perylene	17.90	276	632696	48.73	nq	98

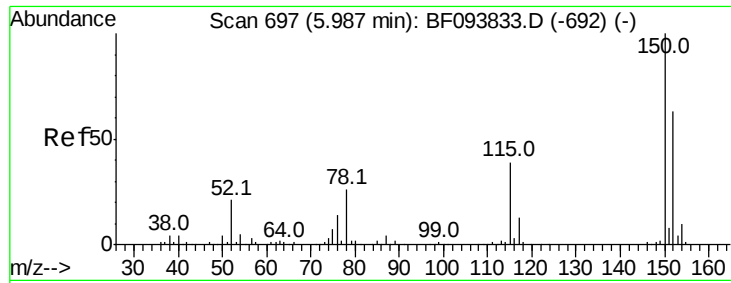
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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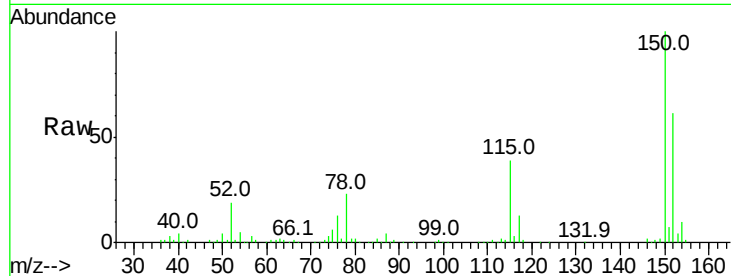


#1

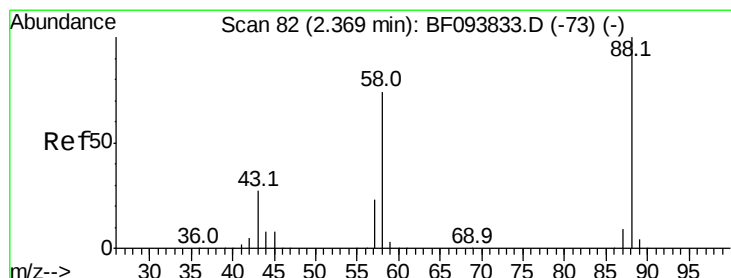
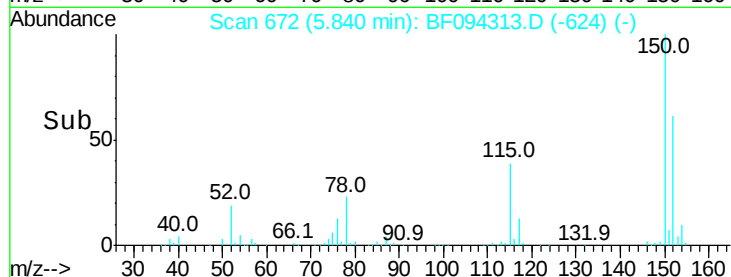
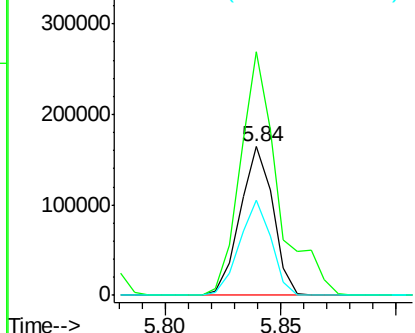
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163351
Ion Ratio Lower Upper
152 100
150 164.0 126.2 189.2
115 64.1 52.2 78.2



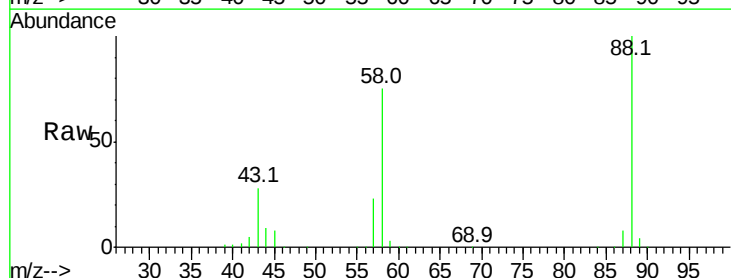
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



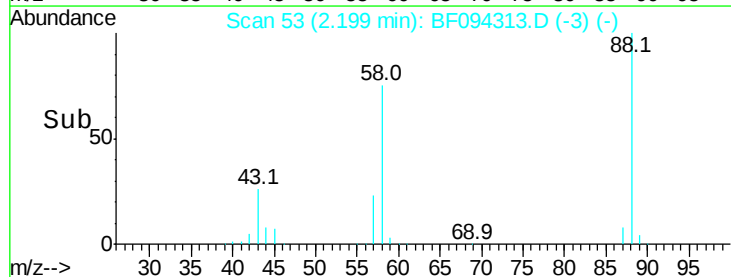
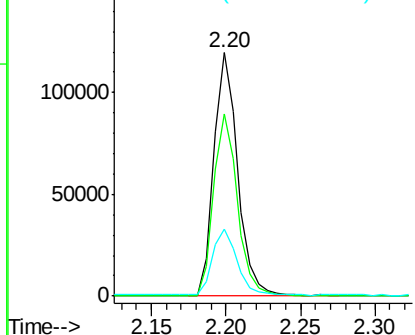
#2

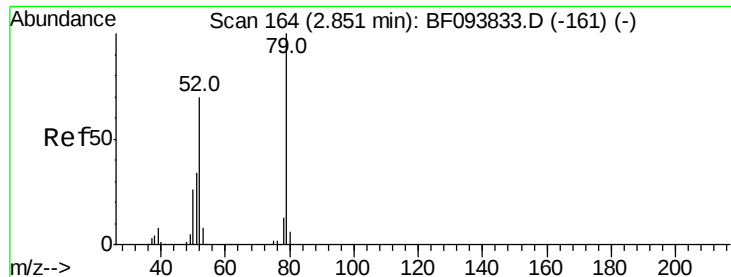
1,4-Dioxane
Concen: 28.80 ng
RT: 2.20 min Scan# 53
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion: 88 Resp: 133837
Ion Ratio Lower Upper
88 100
58 75.1 61.4 92.0
43 28.3 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.39 ng

RT: 2.70 min Scan# 138

Delta R.T. -0.00 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

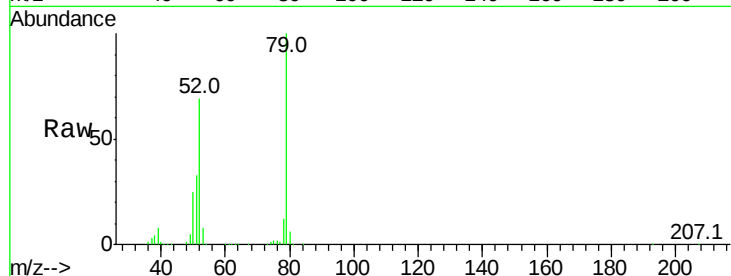
Tot Ion: 79 Resp: 422797

Ion Ratio Lower Upper

79 100

52 69.4 54.8 82.2

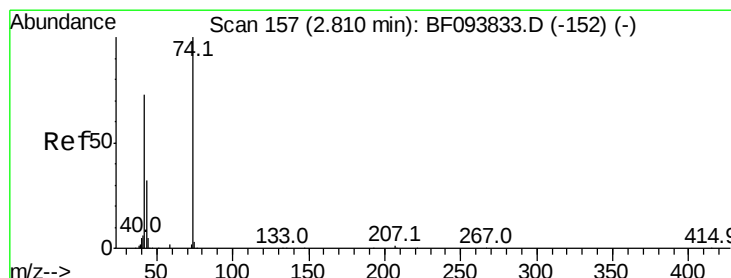
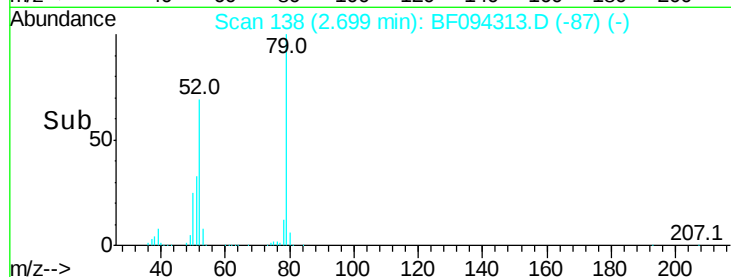
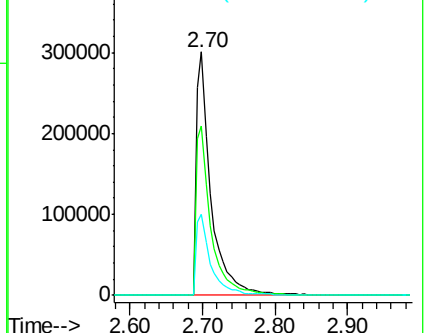
51 33.1 27.0 40.4



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: 39.11 ng

RT: 2.66 min Scan# 131

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

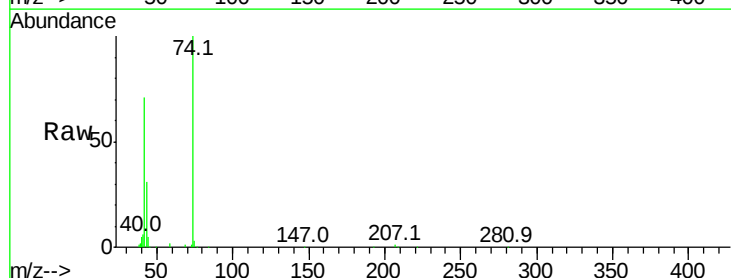
Tgt Ion: 42 Resp: 203802

Ion Ratio Lower Upper

42 100

74 140.8 103.9 155.9

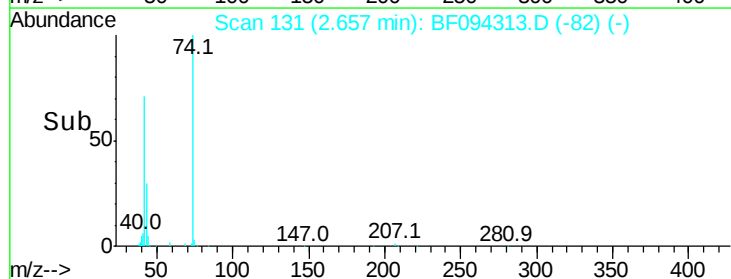
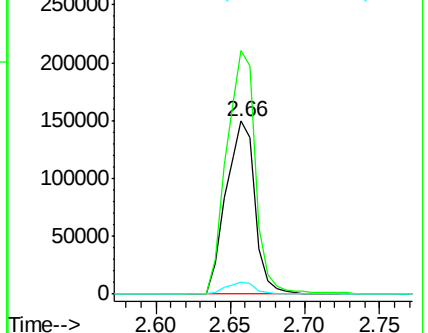
44 7.0 5.7 8.5



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: 119.09 ng

RT: 4.40 min Scan# 428

Delta R.T. 0.02 min

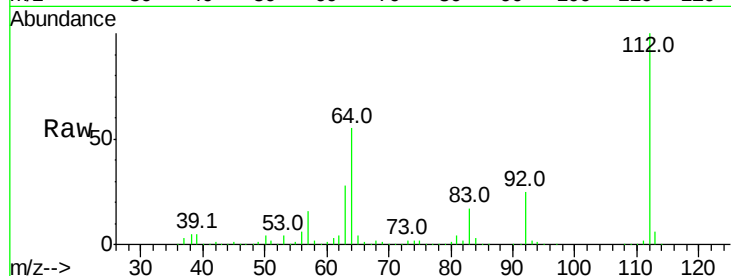
Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 1151752

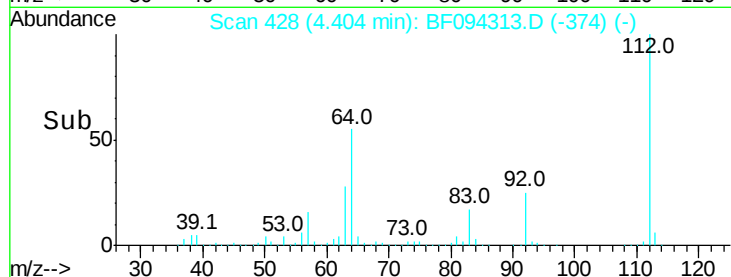
Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	27.9	23.4	35.0



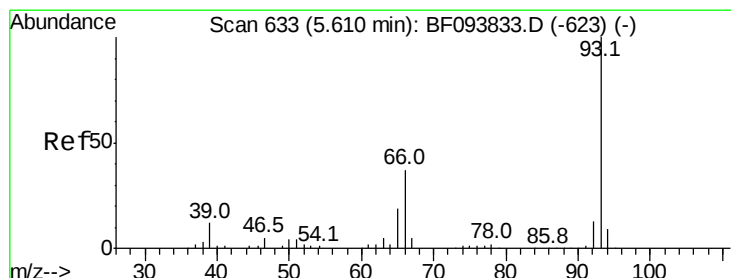
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 24.42 ng

RT: 5.47 min Scan# 609

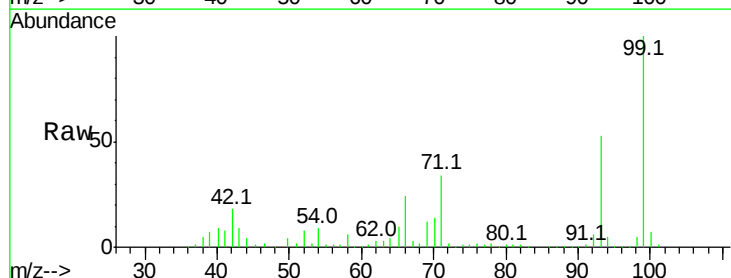
Delta R.T. -0.01 min

Lab File: BF094313.D

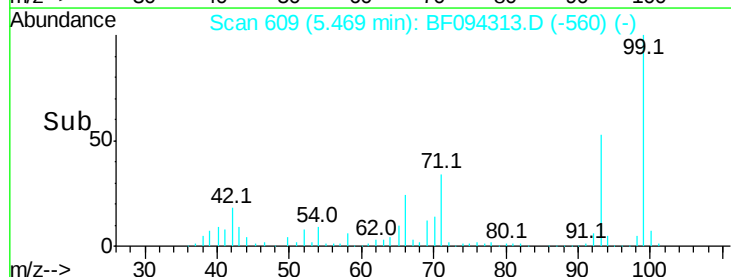
Acq: 10 Apr 2017 16:10

Tgt Ion: 93 Resp: 406352

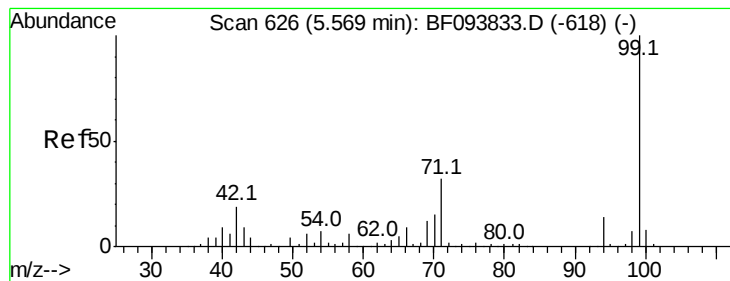
Ion	Ratio	Lower	Upper
93	100		
66	46.3	32.9	49.3
65	20.0	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0



Time-->



#7

Phenol-d6

Concen: 121.72 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampled :

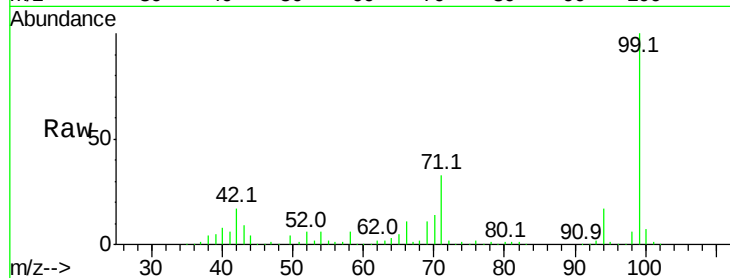
Tot Ion: 99 Resp: 1456291

Ion Ratio Lower Upper

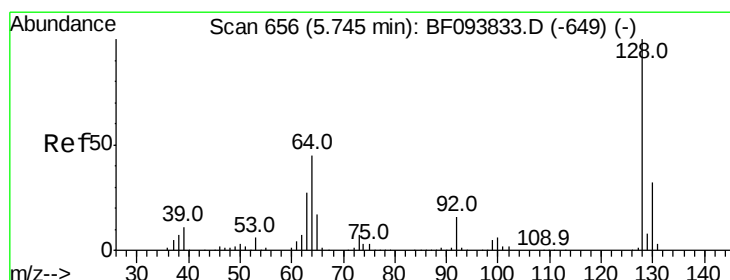
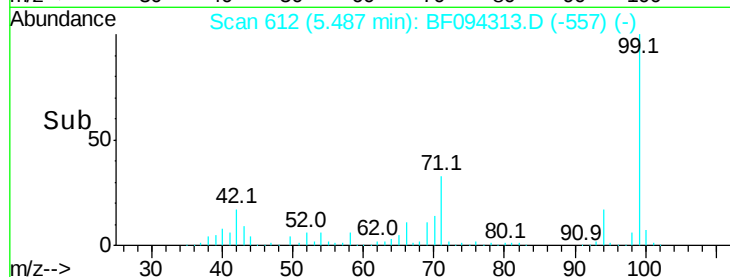
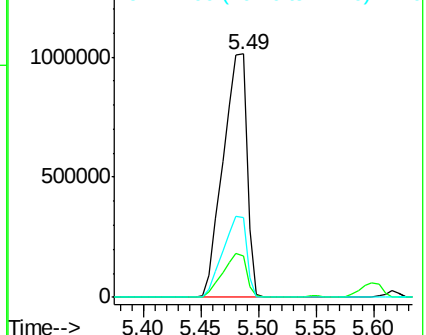
99 100

42 16.9 13.5 20.3

71 32.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.93 ng

RT: 5.62 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

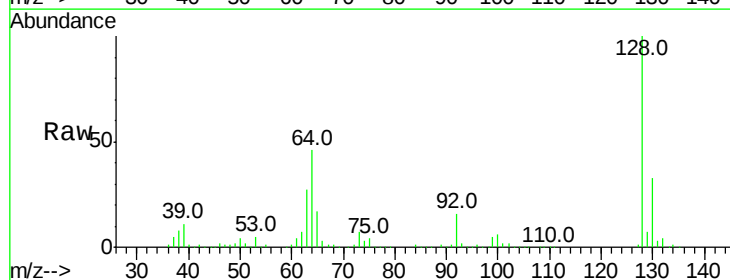
Tgt Ion:128 Resp: 456408

Ion Ratio Lower Upper

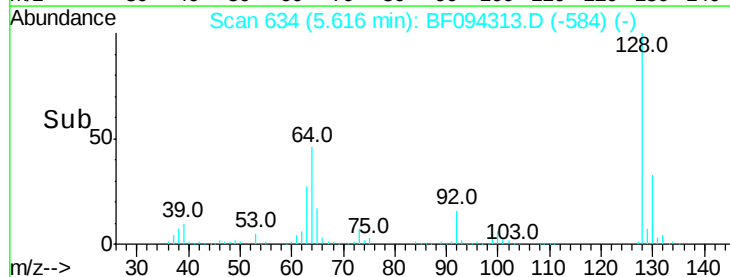
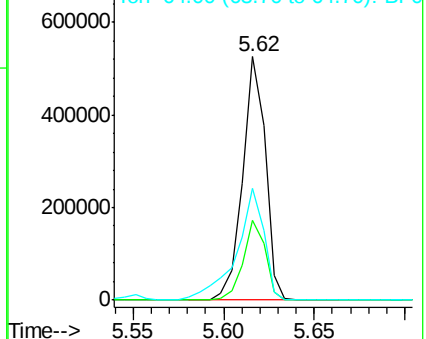
128 100

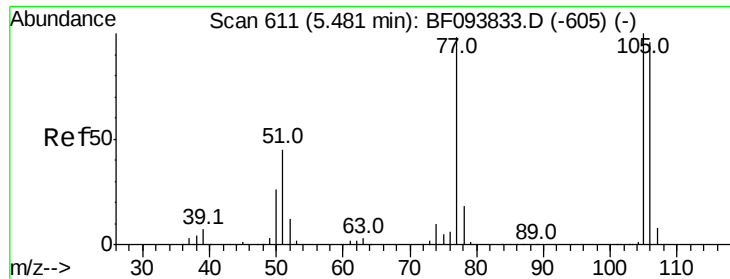
130 32.9 12.9 52.9

64 46.1 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.17 ng

RT: 5.33 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

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ClientSampleId :

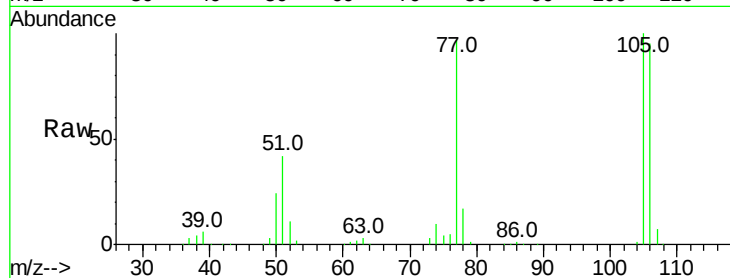
Tot Ion: 77 Resp: 154844

Ion Ratio Lower Upper

77 100

105 103.6 83.8 123.8

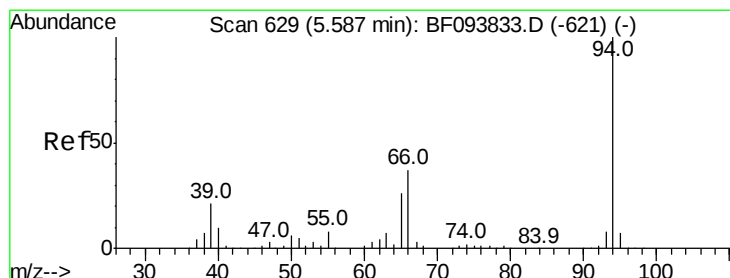
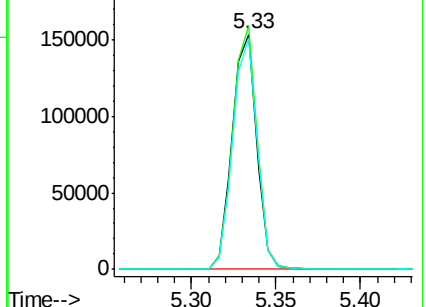
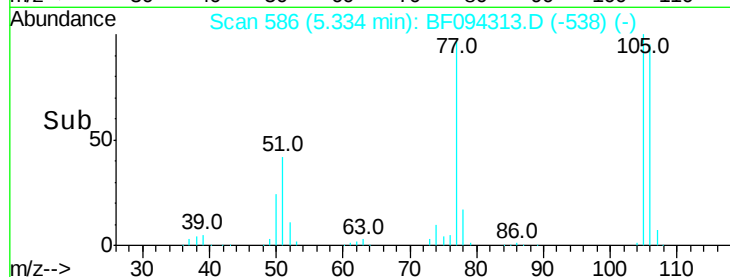
106 98.3 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.52 ng

RT: 5.50 min Scan# 614

Delta R.T. 0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

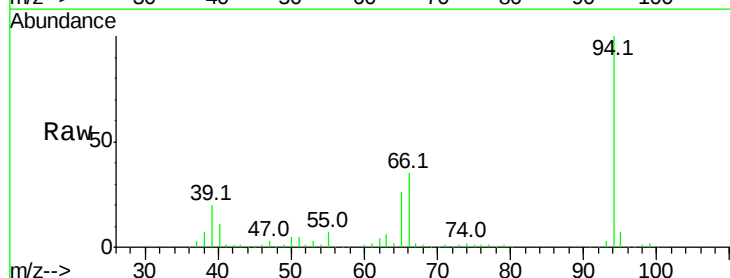
Tgt Ion: 94 Resp: 551645

Ion Ratio Lower Upper

94 100

65 25.5 9.9 49.9

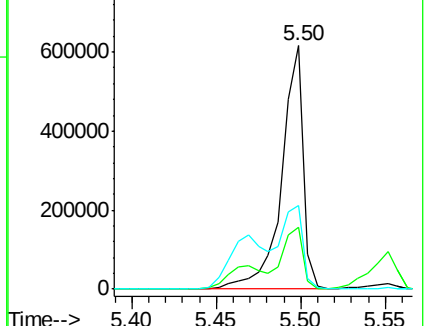
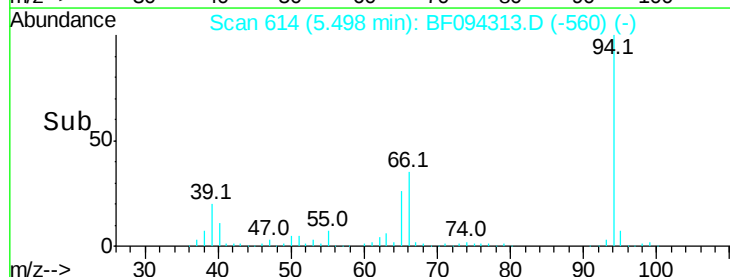
66 34.6 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

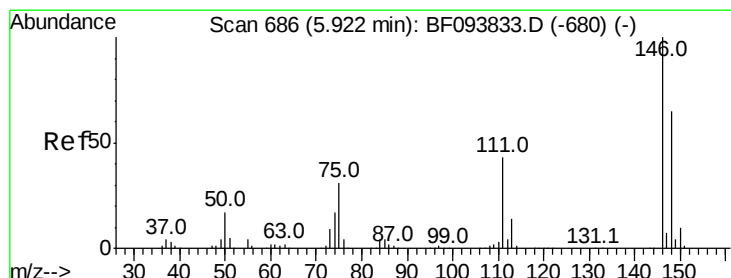
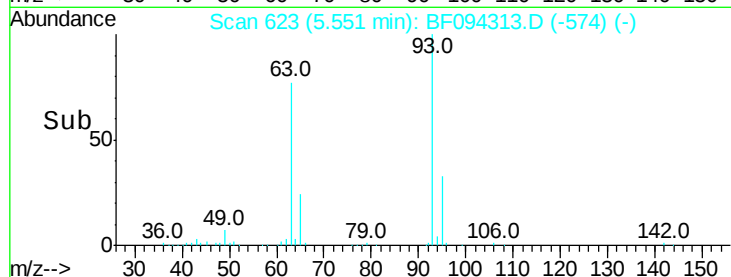
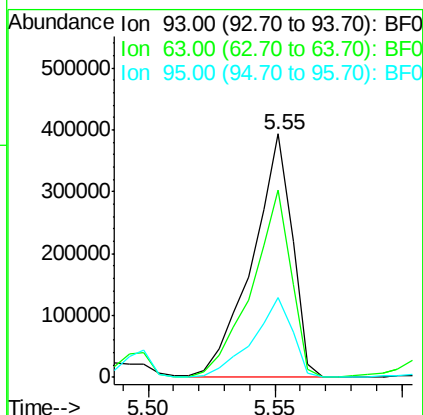
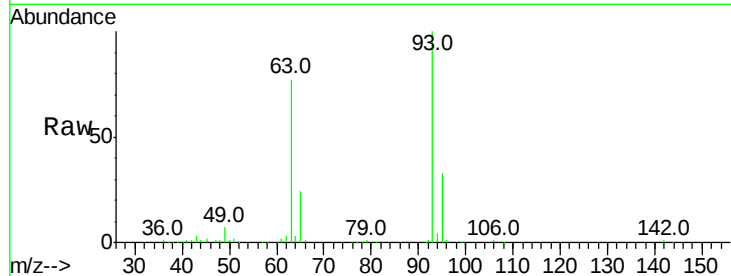




#11
bis(2-Chloroethyl)ether
Concen: 40.74 ng
RT: 5.55 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

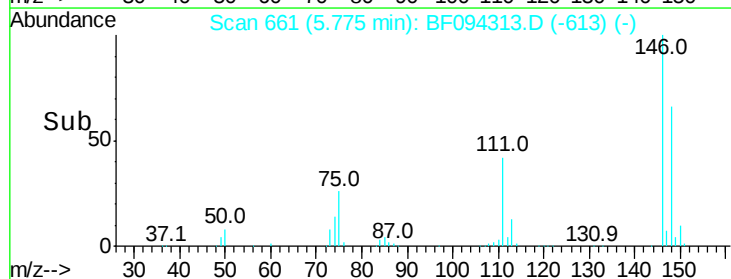
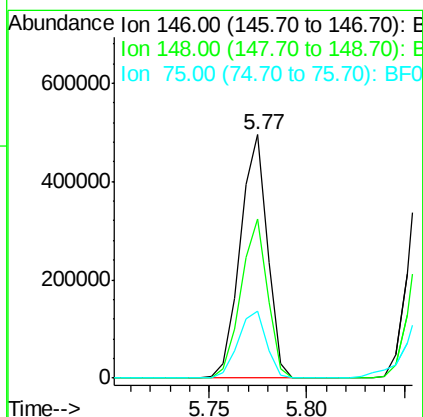
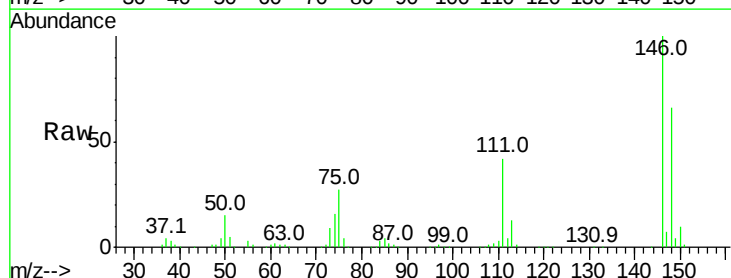
Instrument :
BNA_F
ClientSampleId :

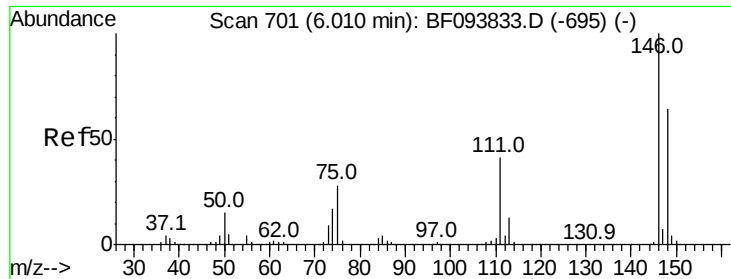
Tot Ion: 93 Resp: 433456
Ion Ratio Lower Upper
93 100
63 77.1 59.2 99.2
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.97 ng
RT: 5.77 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion: 146 Resp: 476647
Ion Ratio Lower Upper
146 100
148 65.6 51.8 77.6
75 27.5 23.1 34.7

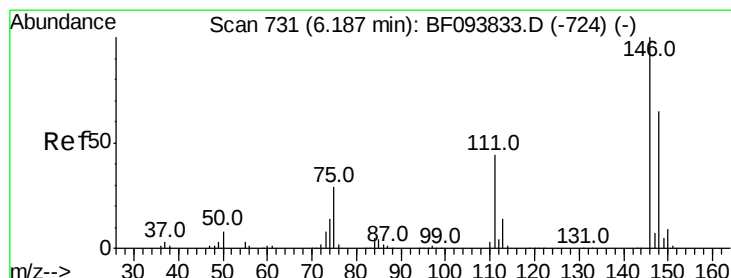
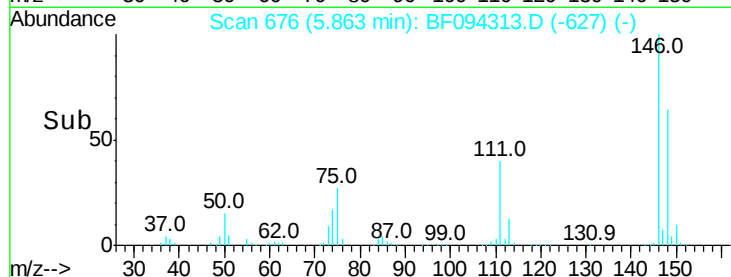
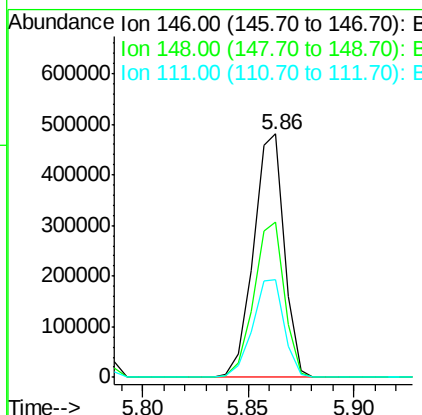
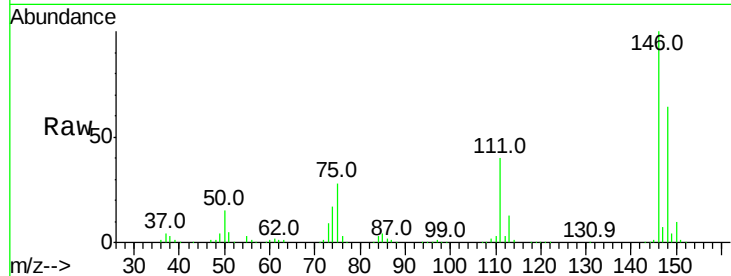




#13
 1,4-Dichlorobenzene
 Concen: 40.22 ng
 RT: 5.86 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

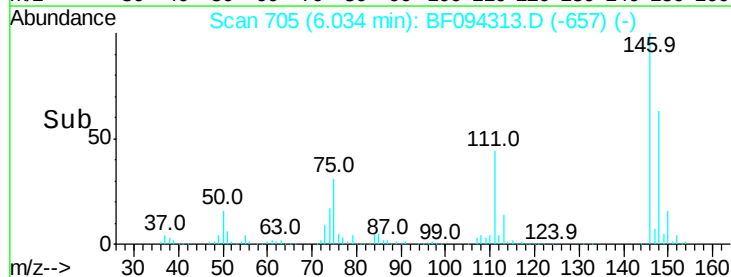
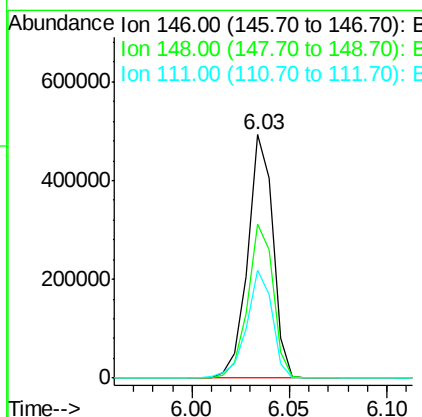
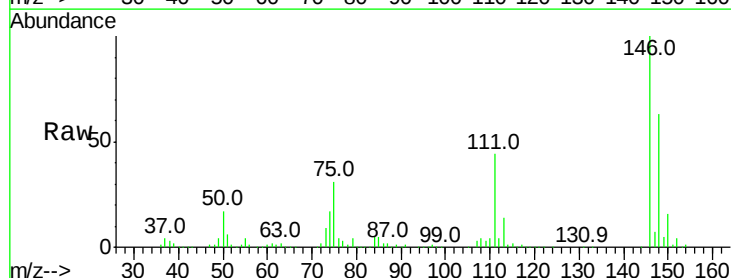
Instrument :
 BNA_F
 ClientSampleId :

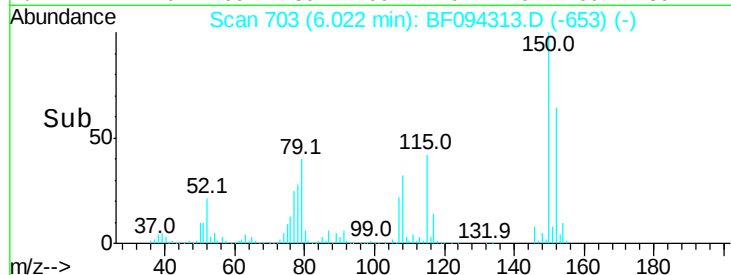
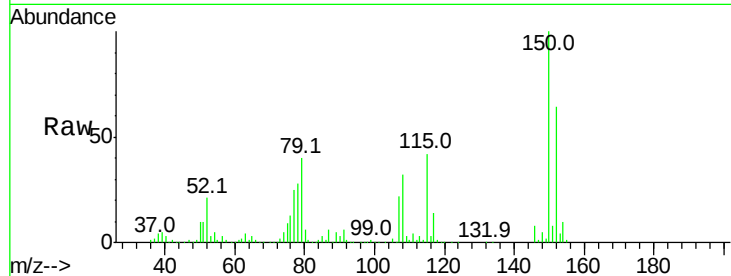
Tot Ion:146 Resp: 485746
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.2
 111 39.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 39.77 ng
 RT: 6.03 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion:146 Resp: 442300
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 111 44.1 38.2 57.4





#15

Benzyl Alcohol

Concen: 39.37 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampled :

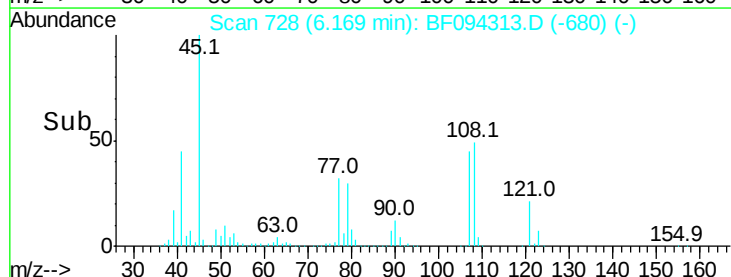
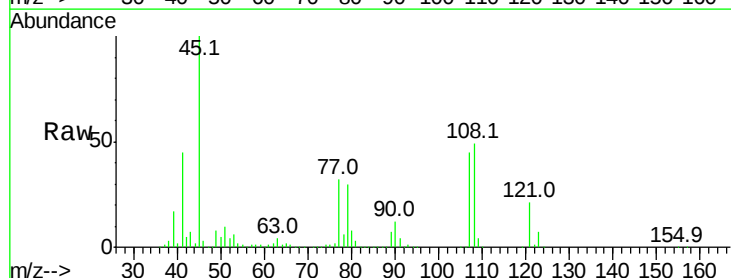
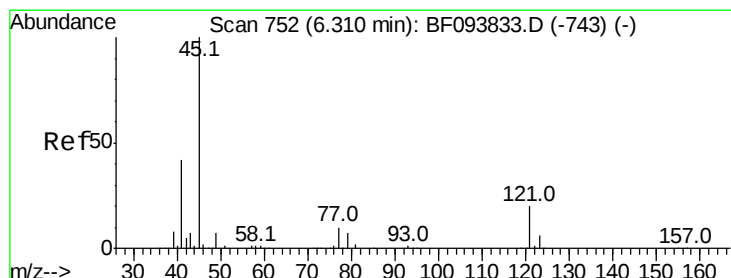
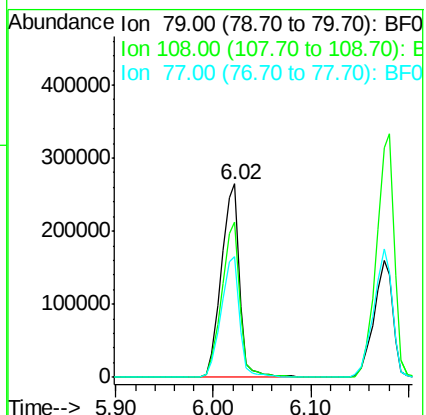
Tot Ion: 79 Resp: 344757

Ion Ratio Lower Upper

79 100

108 80.2 63.4 95.0

77 62.6 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.68 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

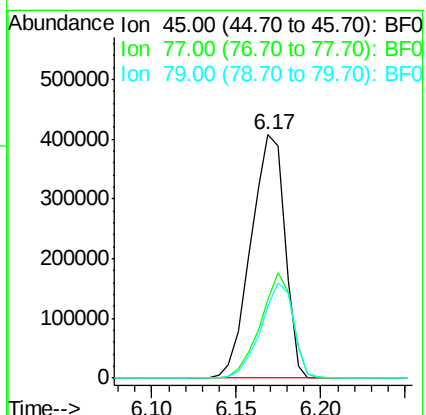
Tgt Ion: 45 Resp: 568635

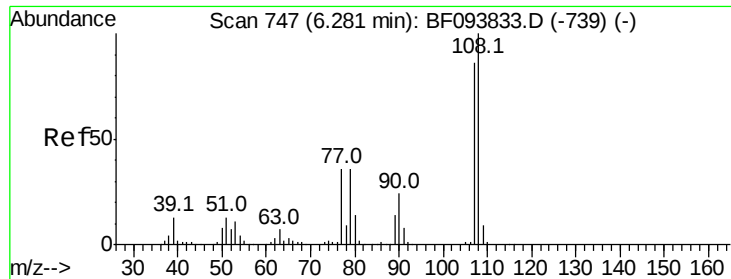
Ion Ratio Lower Upper

45 100

77 32.3 0.0 33.2

79 29.5 0.0 30.0

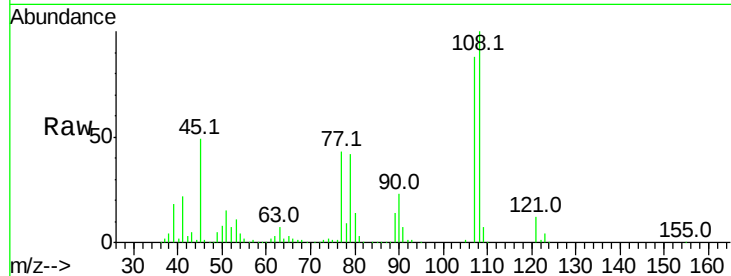




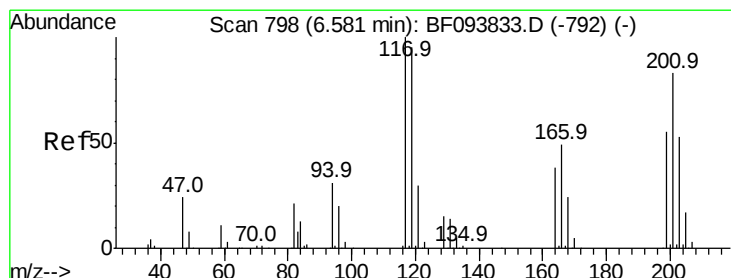
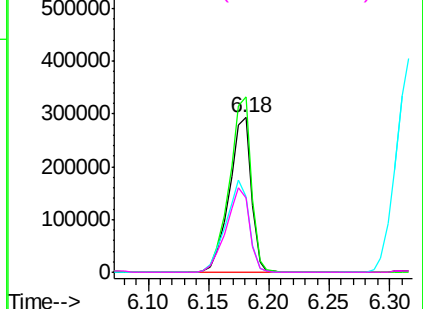
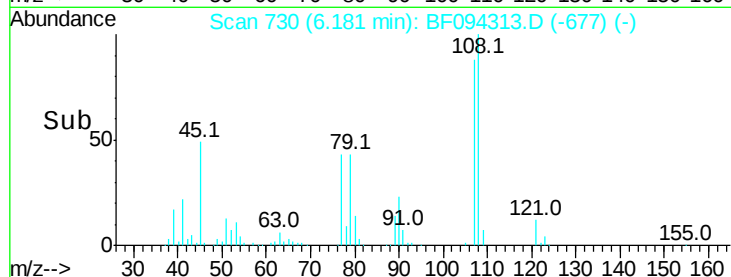
#17
2-Methylphenol
Concen: 40.75 ng
RT: 6.18 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 371016
Ion Ratio Lower Upper
107 100
108 113.6 93.4 140.0
77 49.0 35.8 53.6
79 48.2 34.8 52.2

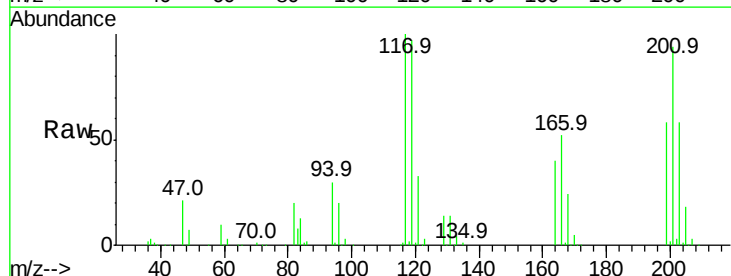


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

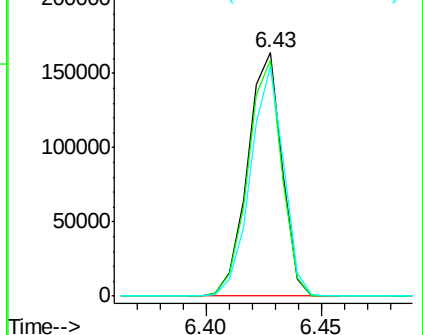
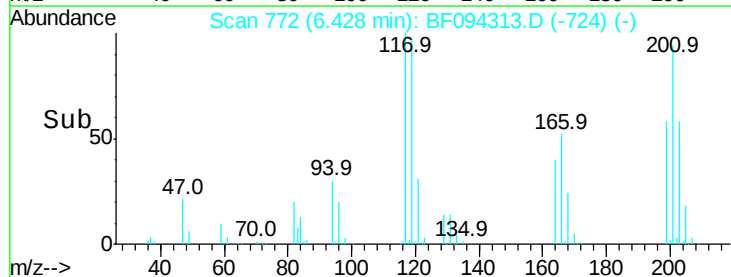


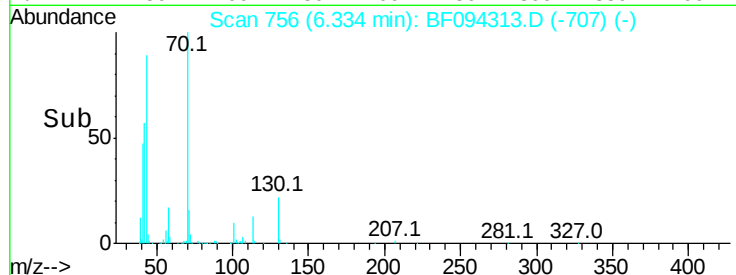
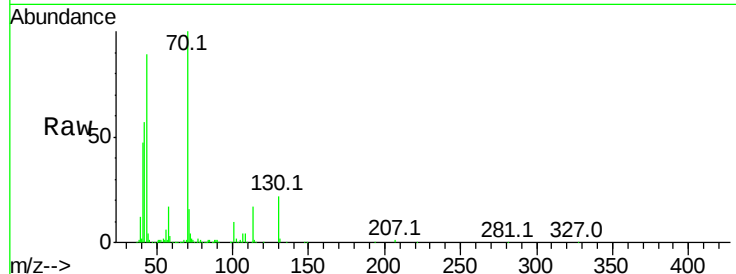
#18
Hexachloroethane
Concen: 40.13 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion:117 Resp: 170351
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0
201 94.3 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

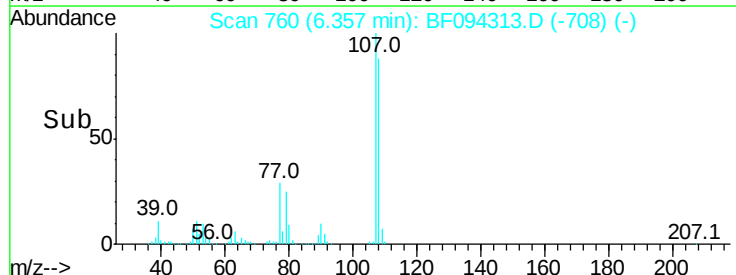
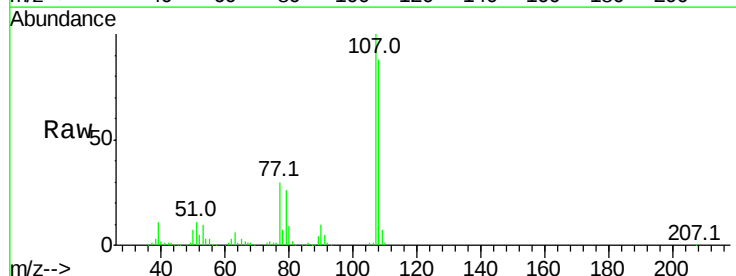
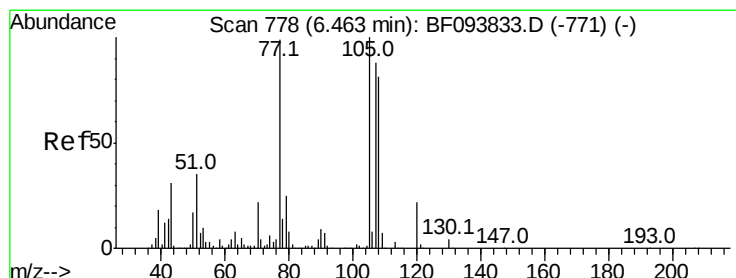
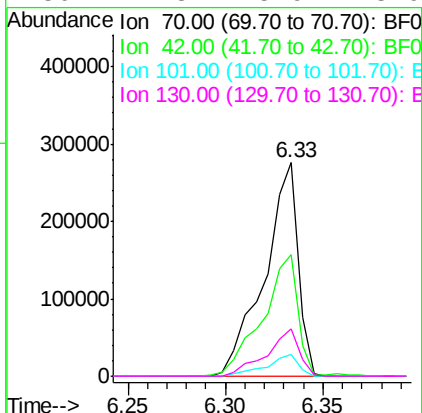




#19
n-Nitroso-di-n-propylamine
Concen: 42.97 ng
RT: 6.33 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

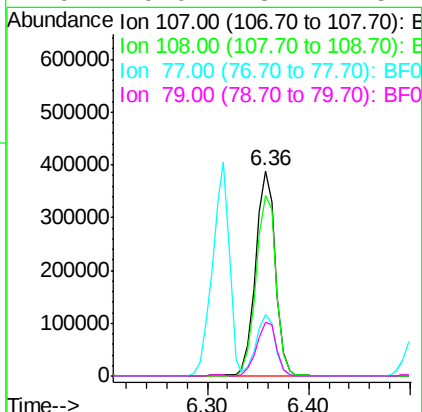
Instrument :
BNA_F
ClientSampleId :

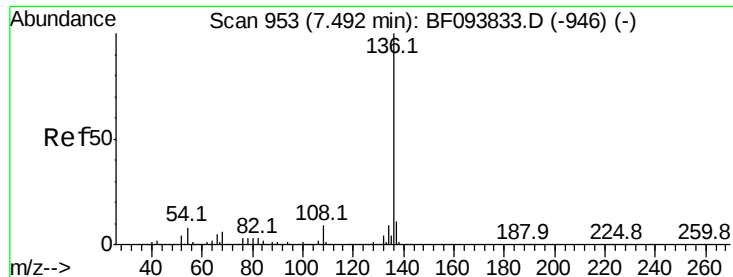
Tot Ion:	70	Resp:	330398
Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.2	70.8
101	10.4	7.2	10.8
130	22.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 47.59 ng
RT: 6.36 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion:	107	Resp:	524705
Ion	Ratio	Lower	Upper
107	100		
108	88.1	71.0	111.0
77	29.9	90.5	130.5#
79	26.0	8.4	48.4

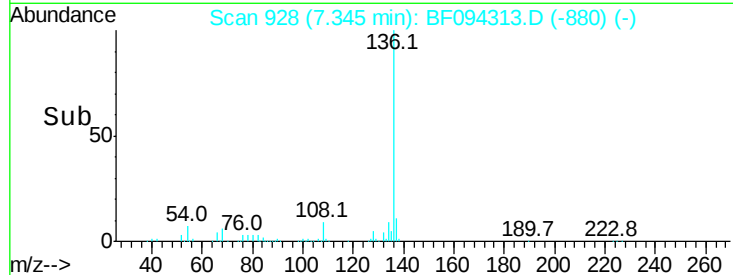
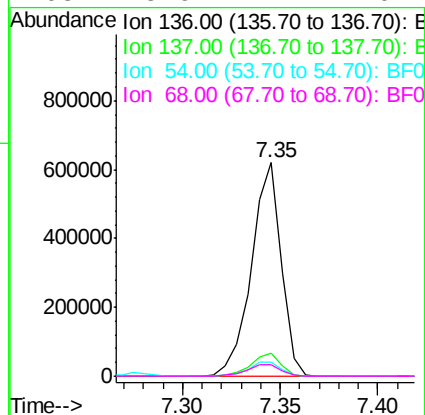
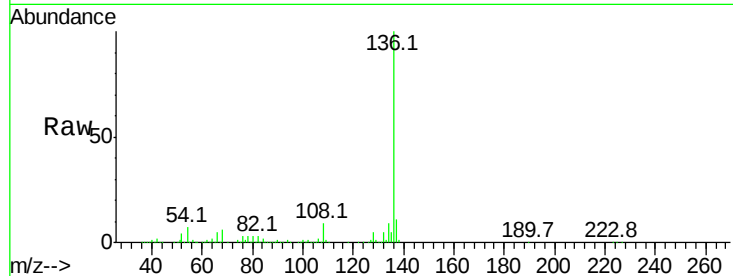




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.35 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

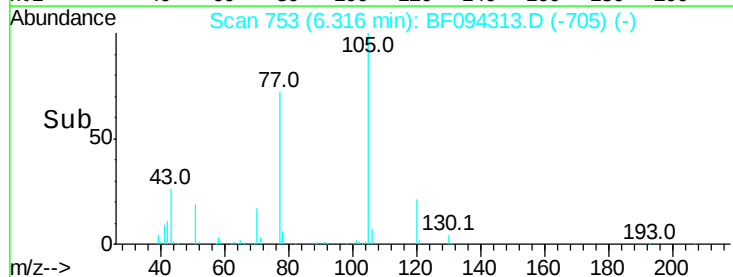
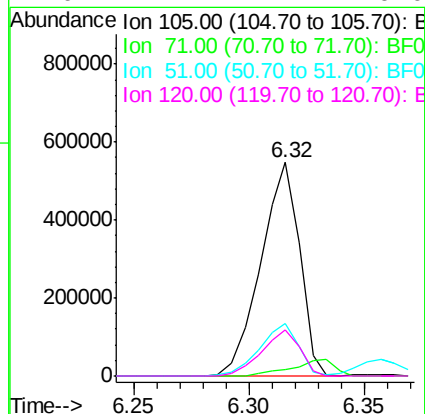
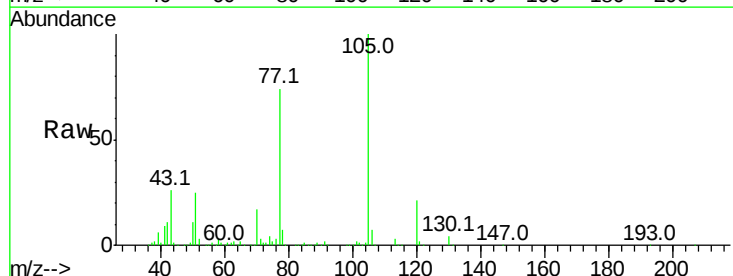
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 653302
Ion Ratio	Lower Upper
136 100	
137 11.0	8.5 12.7
54 6.8	4.9 7.3
68 5.6	4.1 6.1



#22
Acetophenone
Concen: 43.92 ng
RT: 6.32 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion:105	Resp: 639520
Ion Ratio	Lower Upper
105 100	
71 2.9	2.8 4.2
51 24.7	30.7 46.1#
120 21.4	17.4 26.0

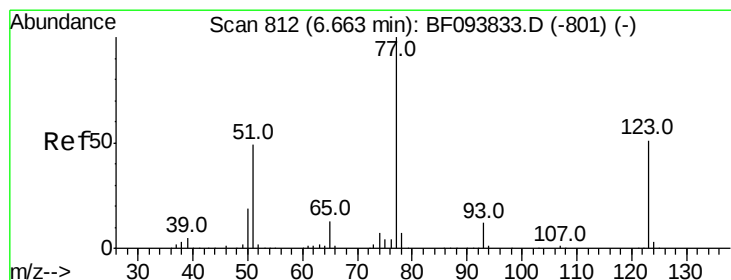
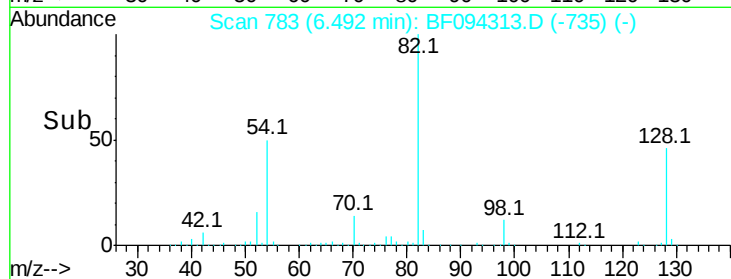
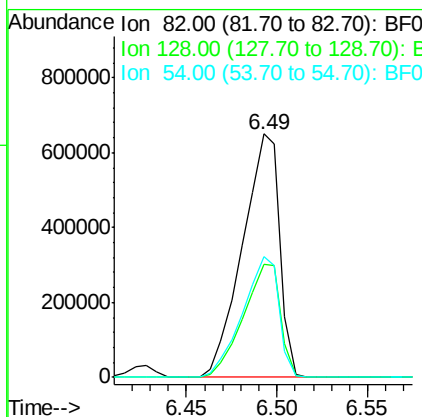
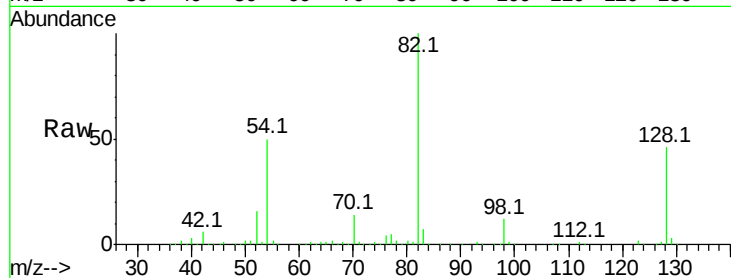




#23
 Nitrobenzene-d5
 Concen: 80.69 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

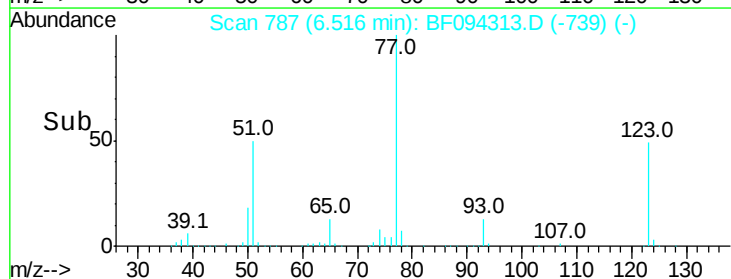
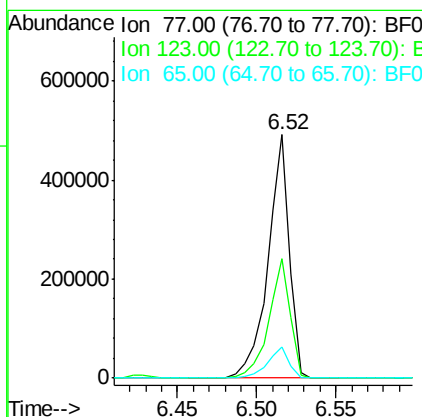
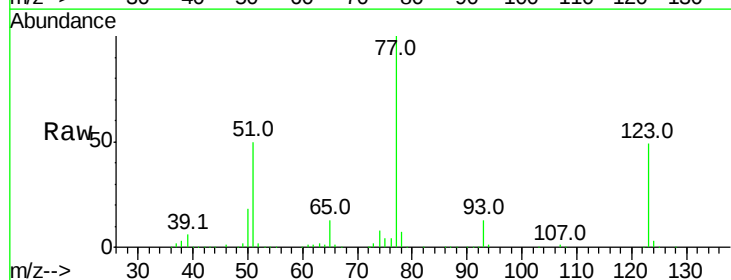
Instrument :
 BNA_F
 ClientSampled :

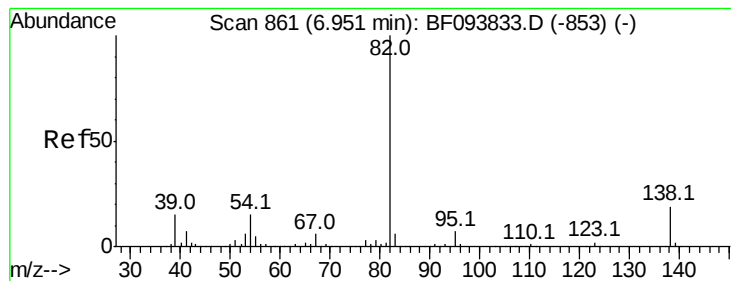
Tot Ion	82	Resp	923657
Ion Ratio	100	Lower	Upper
128	46.3	34.0	51.0
54	49.8	42.2	63.2



#24
 Nitrobenzene
 Concen: 40.96 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	77	Resp	462468
Ion Ratio	100	Lower	Upper
123	49.3	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 41.71 ng

RT: 6.80 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

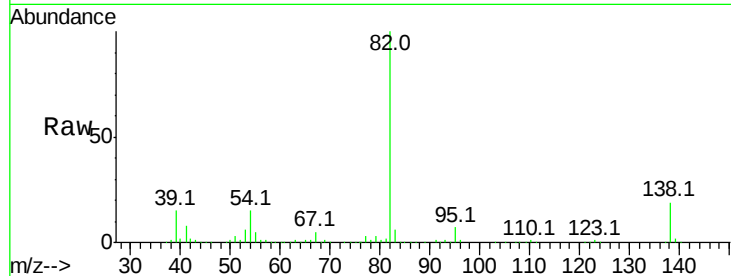
Tot Ion: 82 Resp: 839106

Ion Ratio Lower Upper

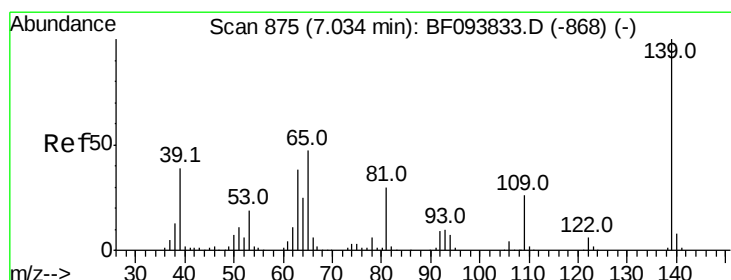
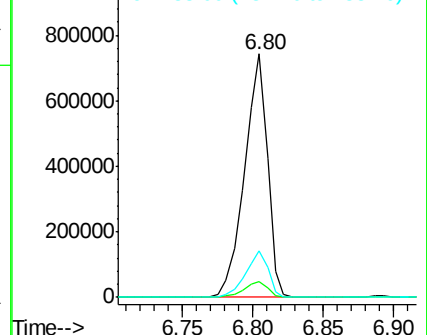
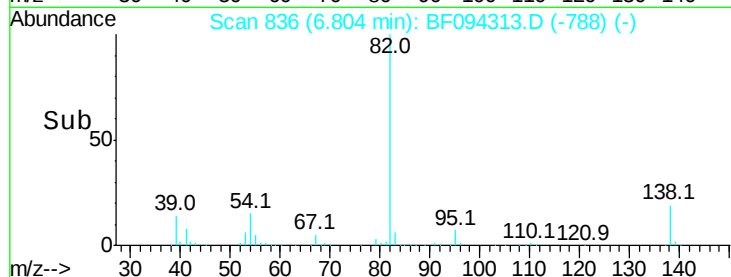
82 100

95 6.7 5.3 7.9

138 19.0 13.1 19.7



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



#26

2-Nitrophenol

Concen: 48.04 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

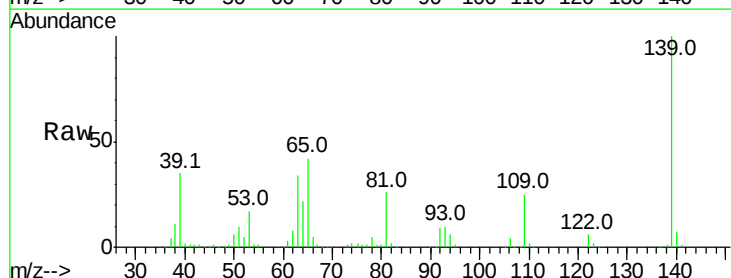
Tgt Ion:139 Resp: 258634

Ion Ratio Lower Upper

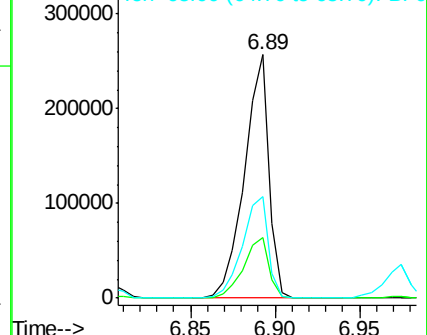
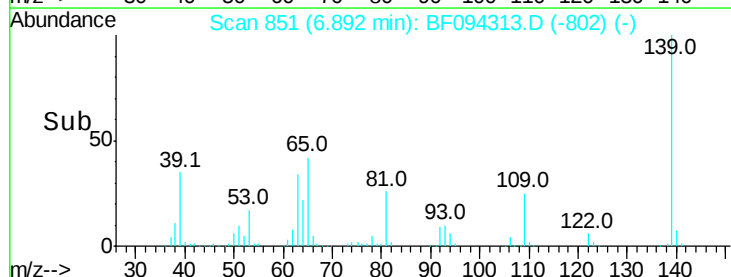
139 100

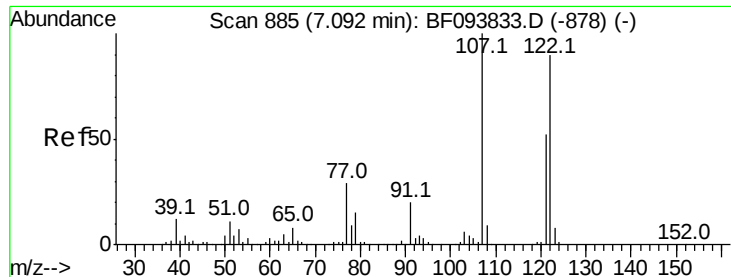
109 24.8 21.0 31.6

65 41.7 33.0 49.6



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

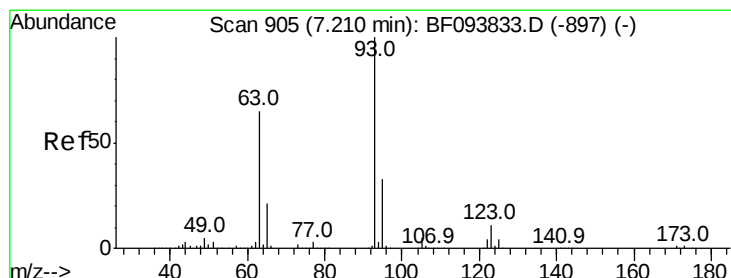
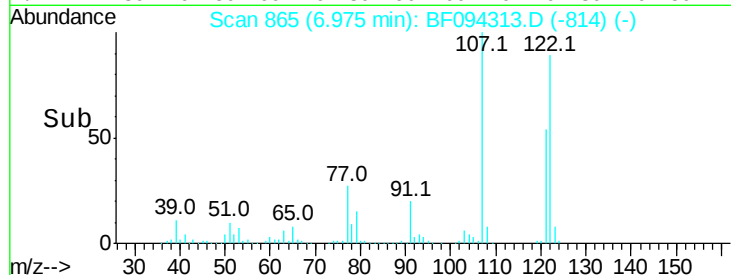
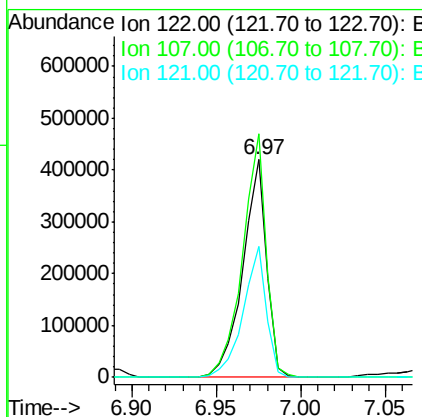
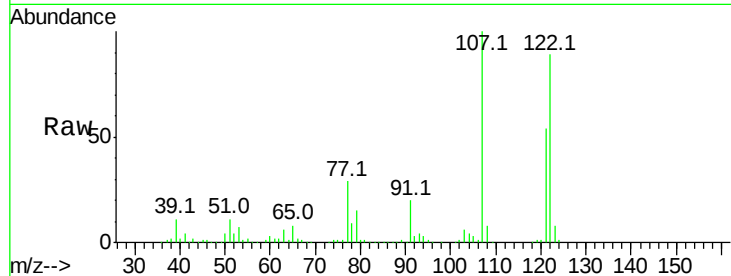




#27
 2,4-Dimethylphenol
 Concen: 44.80 ng
 RT: 6.97 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

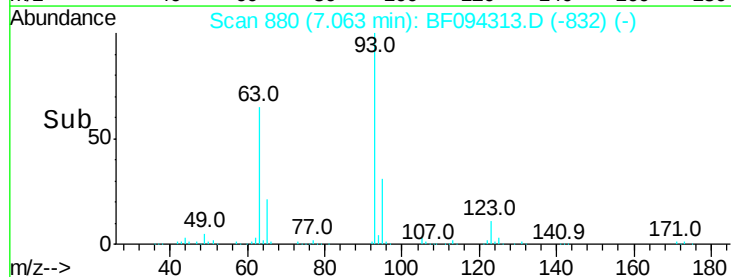
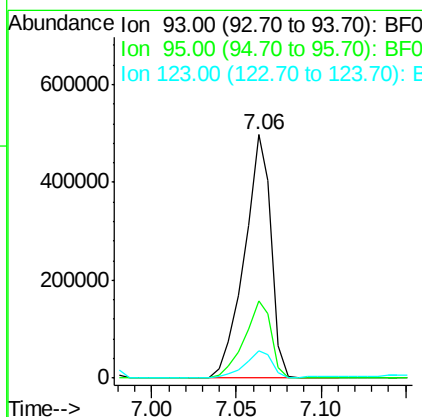
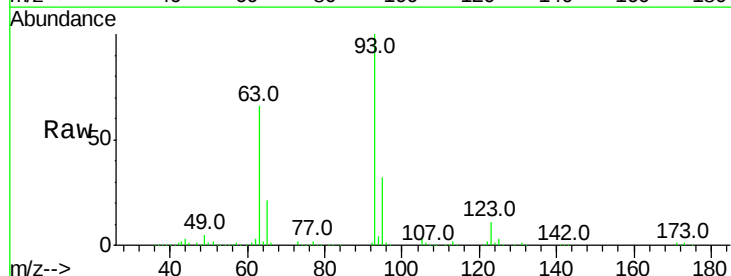
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 415602
 Ion Ratio Lower Upper
 122 100
 107 111.9 89.2 133.8
 121 60.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.24 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion: 93 Resp: 547084
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.5 39.7
 123 11.0 9.0 13.4

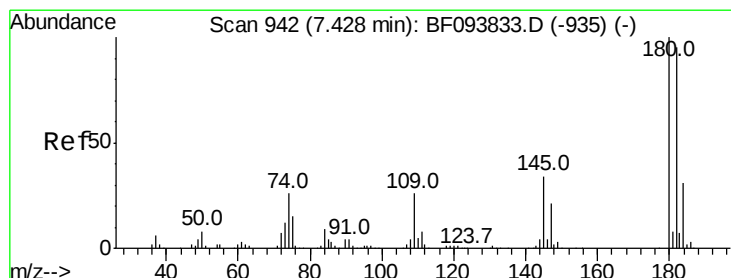
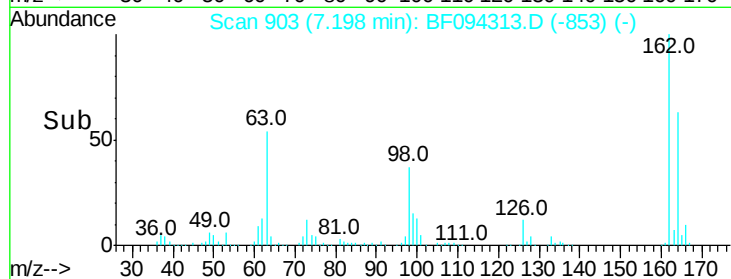
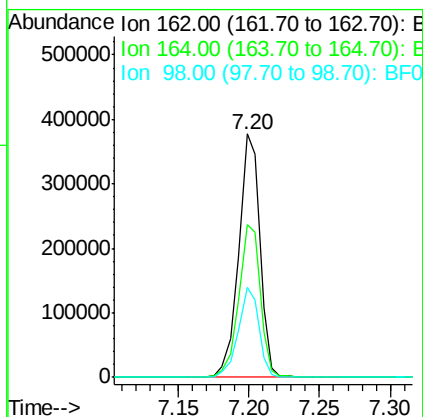
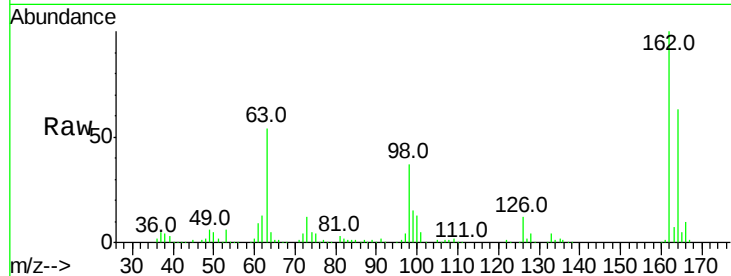




#29
 2,4-Dichlorophenol
 Concen: 45.60 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

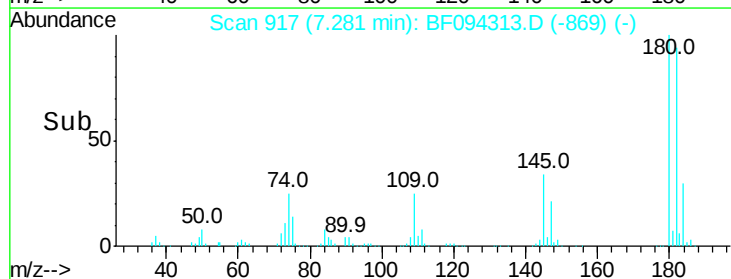
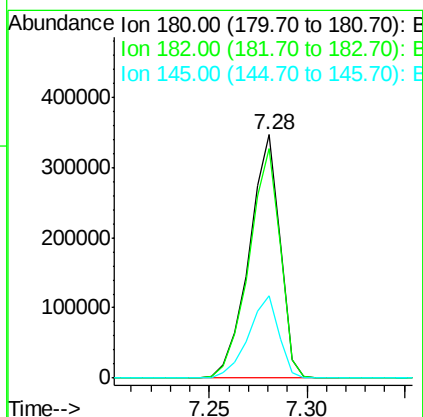
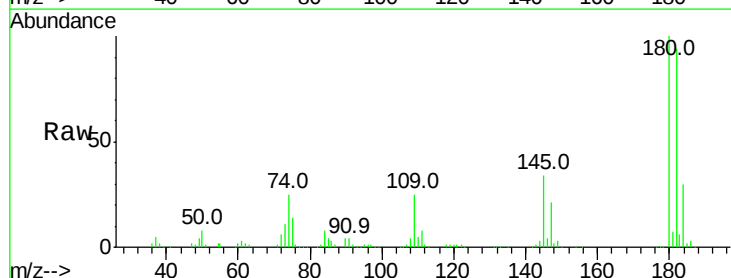
Instrument :
 BNA_F
 ClientSampled :

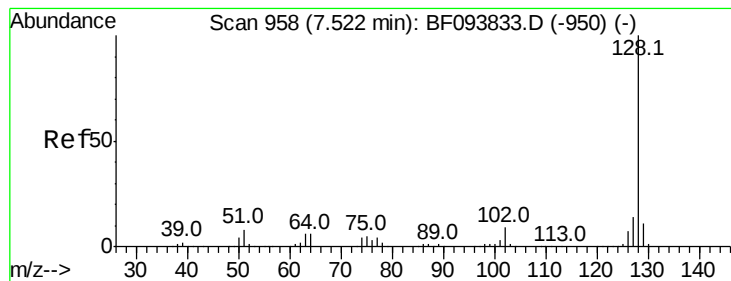
Tot Ion:162	Resp:	395581
Ion Ratio	Lower	Upper
162	100	
164	62.7	44.6 84.6
98	36.8	14.8 54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 42.36 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion:180	Resp:	378458
Ion Ratio	Lower	Upper
180	100	
182	94.2	75.8 113.6
145	33.8	25.3 37.9





#31

Naphthalene

Concen: 40.55 ng

RT: 7.37 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

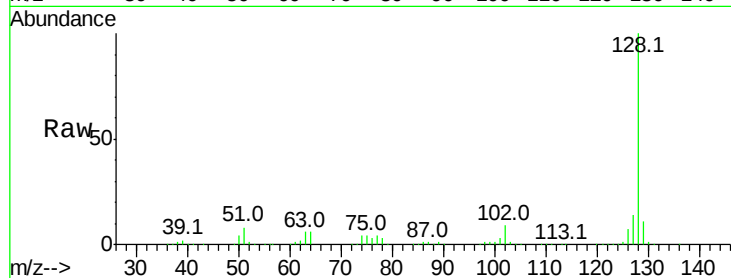
Tot Ion:128 Resp: 1273654

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

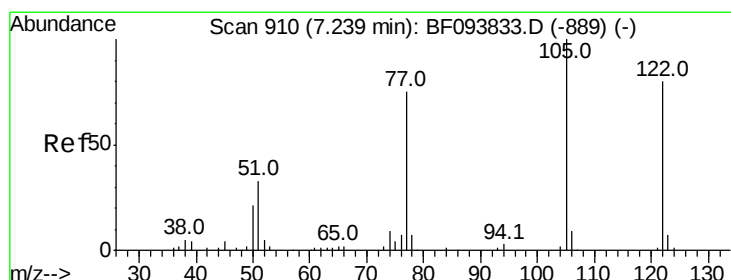
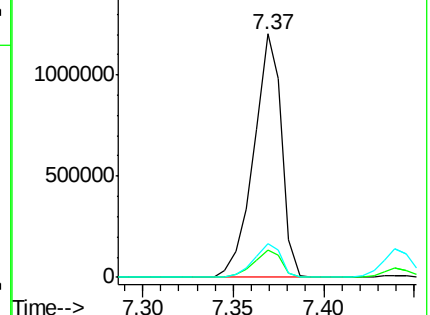
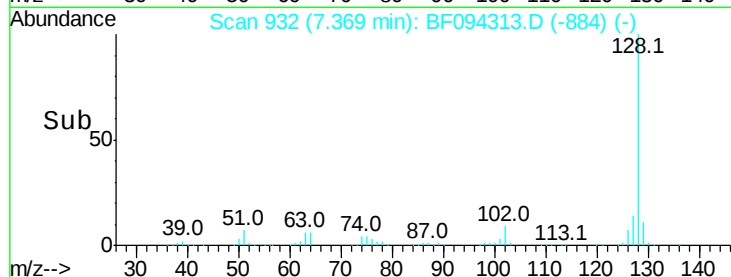
127 13.8 10.8 16.2



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: 40.46 ng

RT: 7.16 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

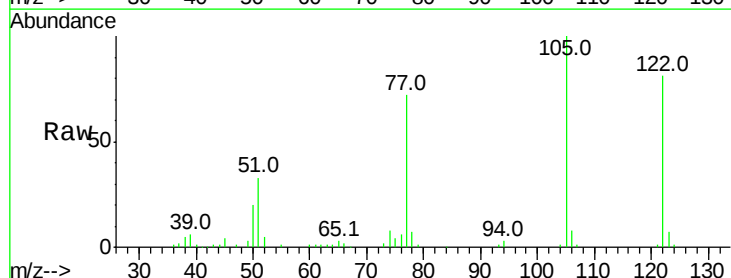
Tgt Ion:122 Resp: 249905

Ion Ratio Lower Upper

122 100

105 123.5 103.3 143.3

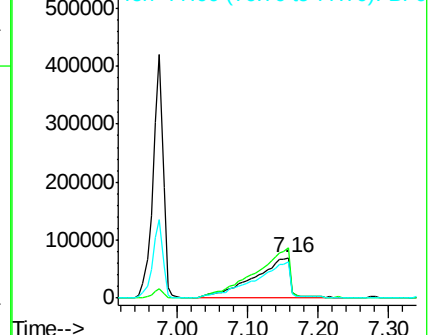
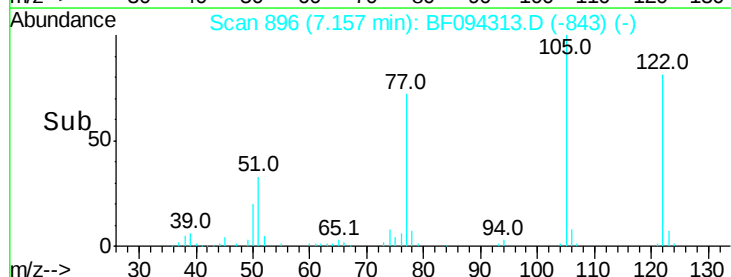
77 89.3 73.7 113.7

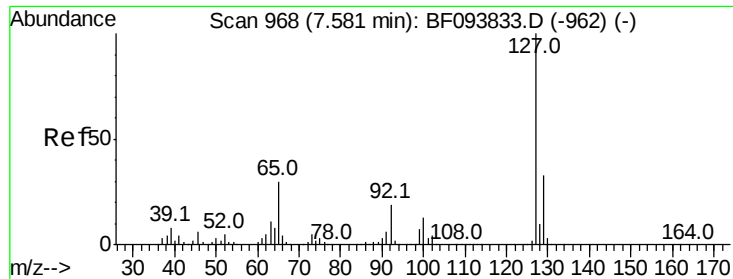


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

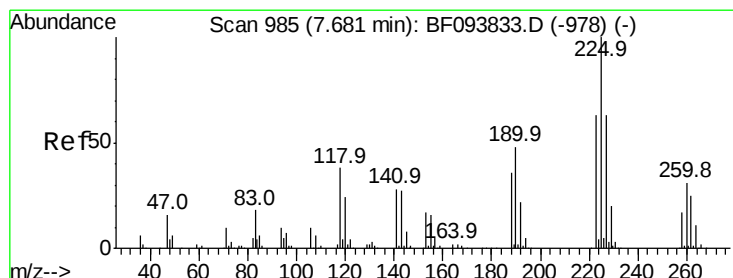
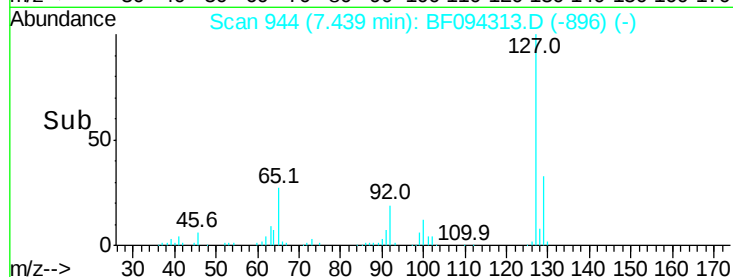
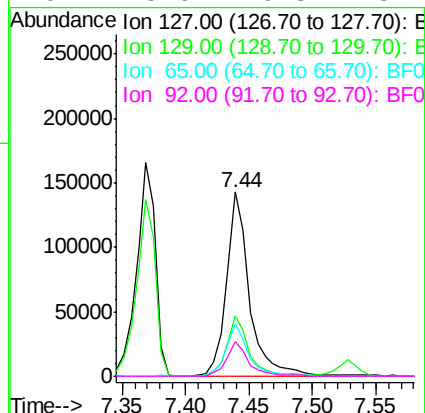
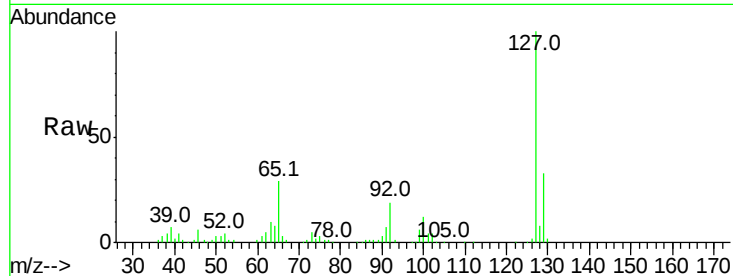




#33
4-Chloroaniline
Concen: 14.16 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

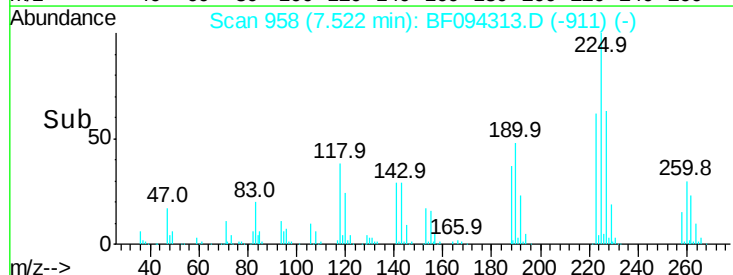
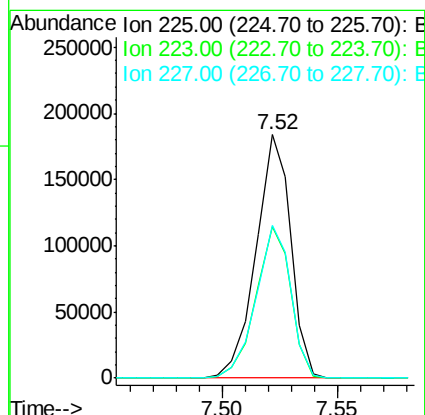
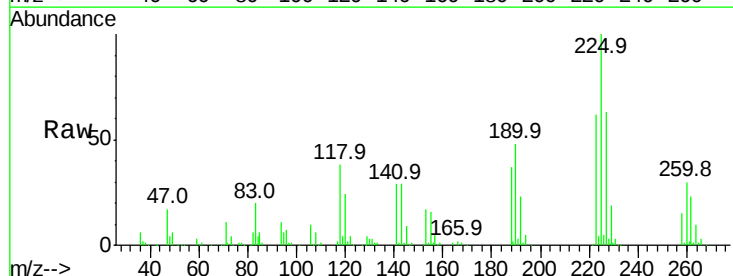
Instrument :
BNA_F
ClientSampleId :

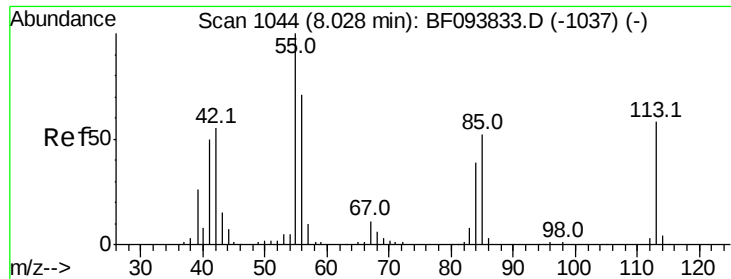
Tot Ion:	127	Resp:	180254
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	28.6	27.8	41.8
92	18.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.01 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion:	225	Resp:	192497
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.8	73.2
227	62.9	51.1	76.7

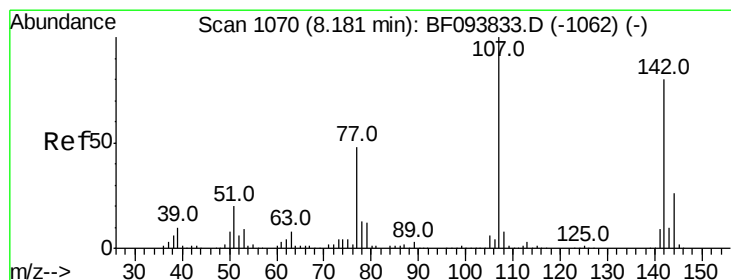
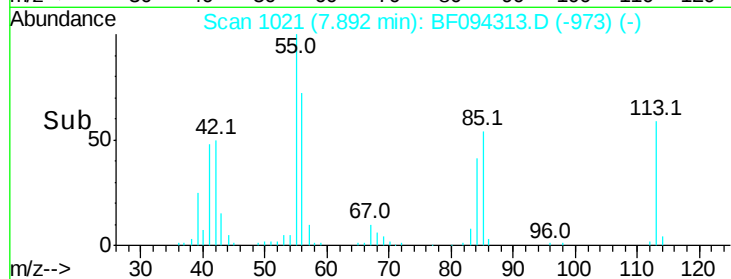
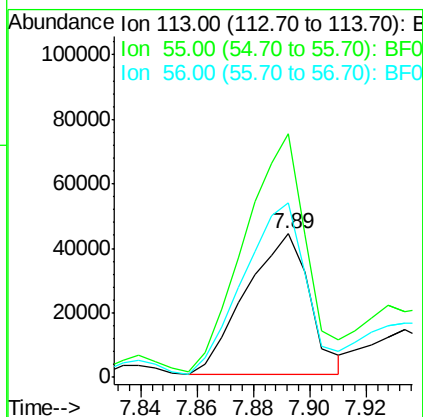
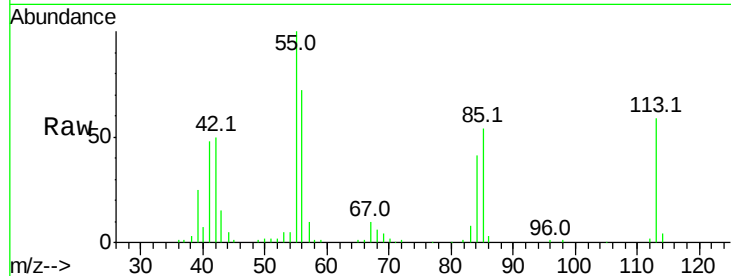




#35
Caprolactam
Concen: 24.82 ng
RT: 7.89 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

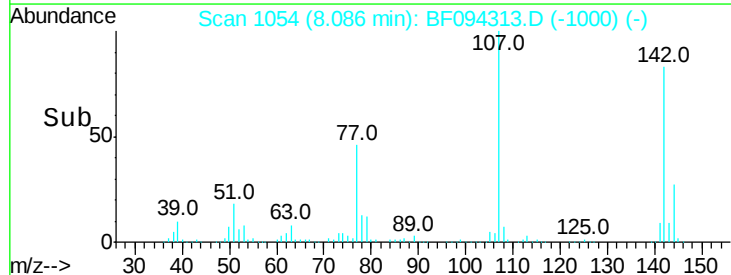
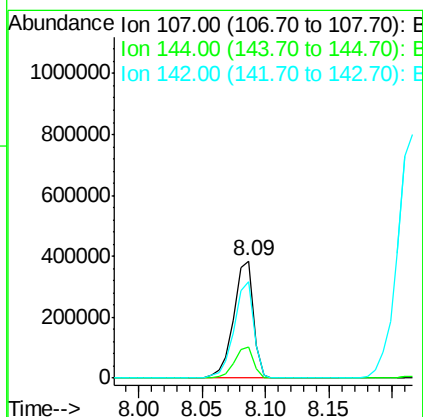
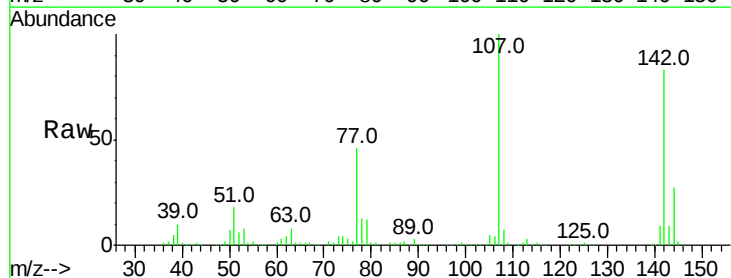
Instrument :
BNA_F
ClientSampleId :

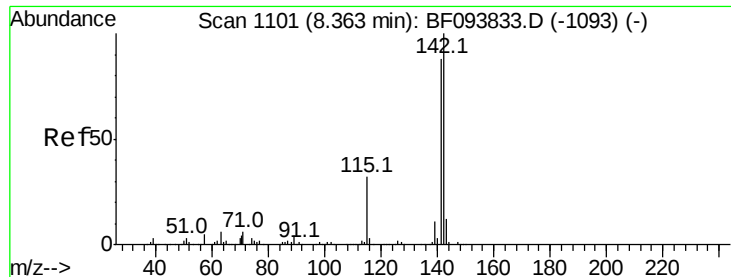
Tot Ion:113 Resp: 68665
Ion Ratio Lower Upper
113 100
55 170.0 150.2 190.2
56 121.6 107.8 147.8



#36
4-Chloro-3-methylphenol
Concen: 45.58 ng
RT: 8.09 min Scan# 1054
Delta R.T. 0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion:107 Resp: 413103
Ion Ratio Lower Upper
107 100
144 26.8 24.2 36.4
142 82.8 73.4 110.0





#37

2-Methylnaphthalene

Concen: 43.11 ng

RT: 8.22 min Scan# 1076

Delta R.T. -0.01 min

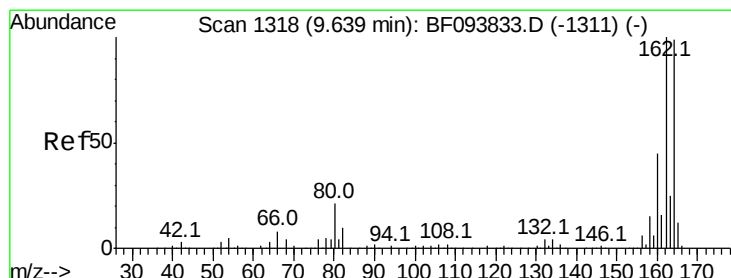
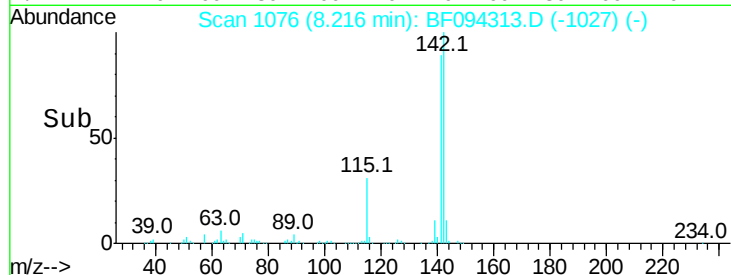
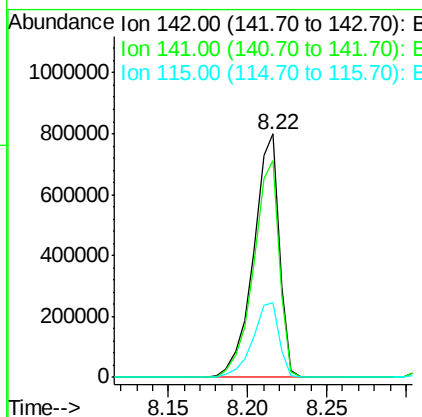
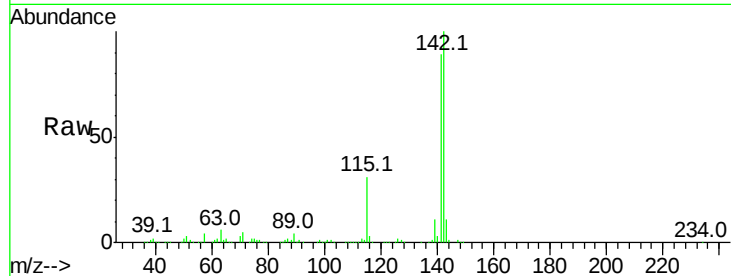
Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 902824

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	30.7	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.49 min Scan# 1292

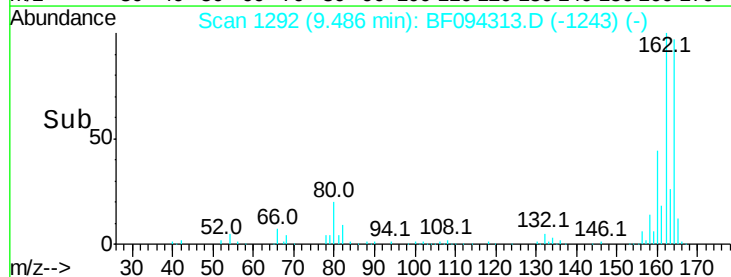
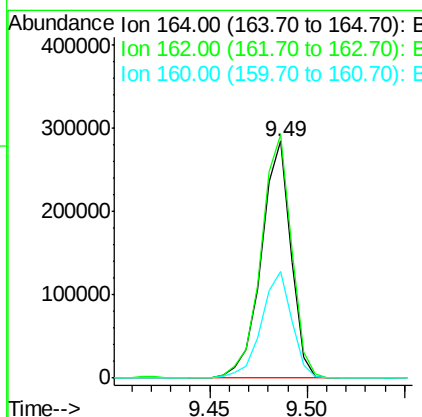
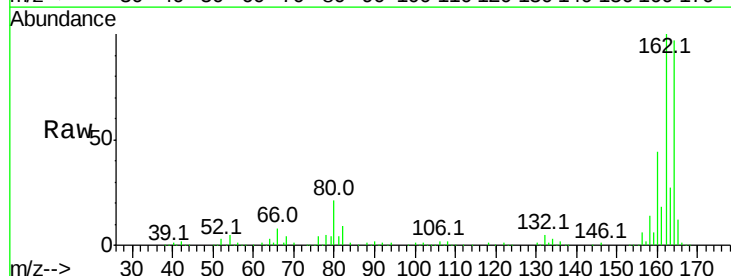
Delta R.T. -0.01 min

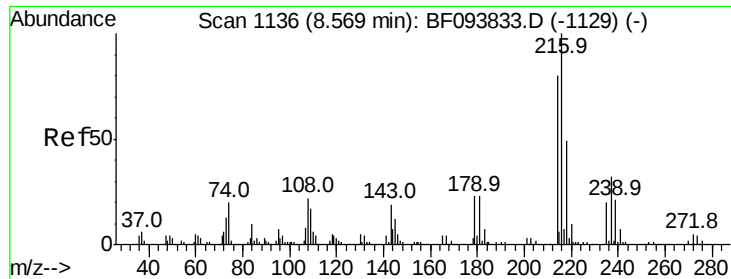
Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Tgt Ion:164 Resp: 297867

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	45.1	36.2	54.2

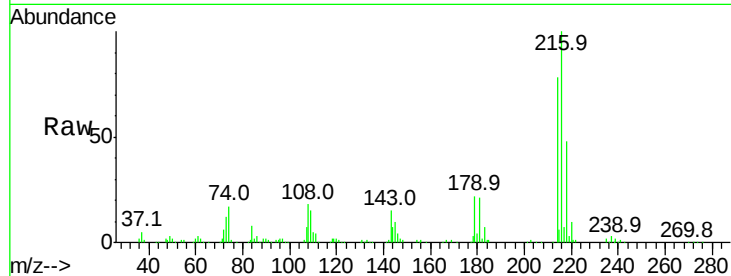




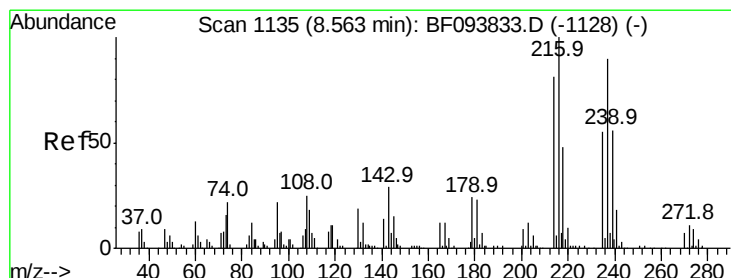
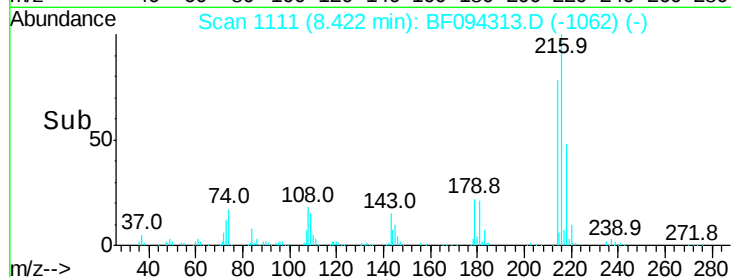
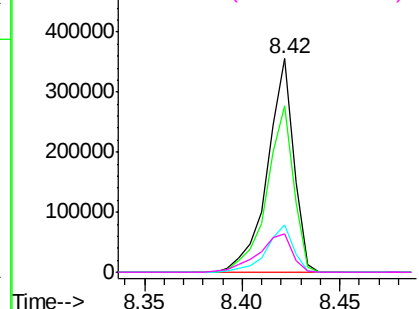
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.84 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	332752
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	22.1	17.9	26.9
108	22.8	16.5	24.7

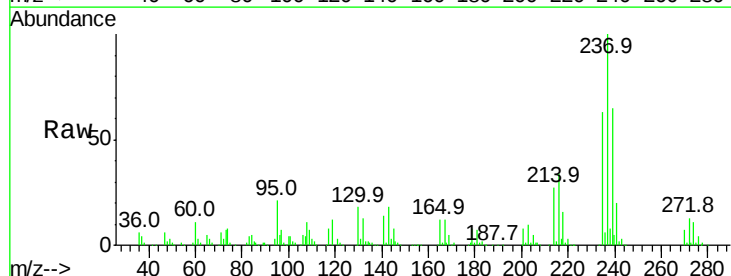


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

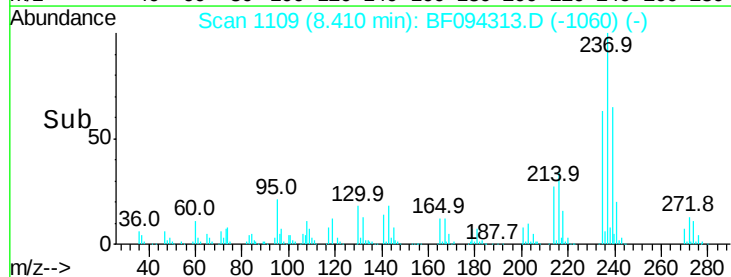
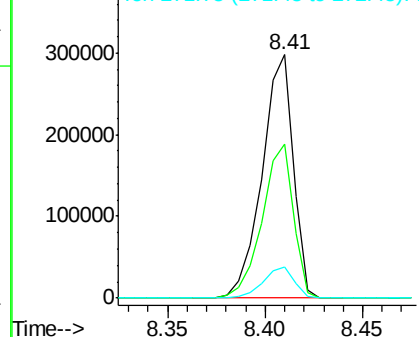


#40
 Hexachlorocyclopentadiene
 Concen: 86.57 ng
 RT: 8.41 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion:	237	Resp:	330094
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.6	82.6
272	12.9	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

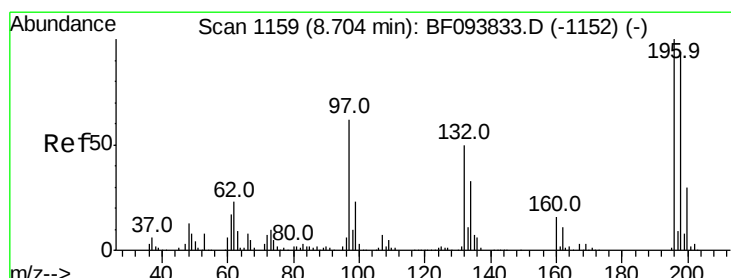
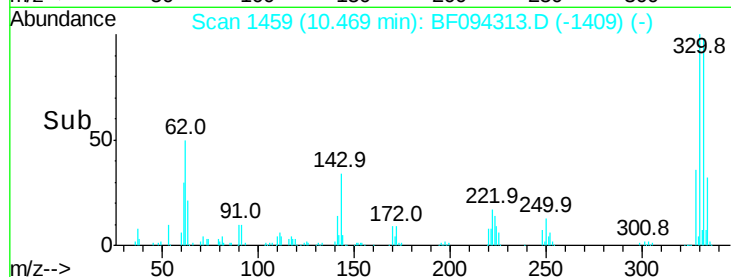
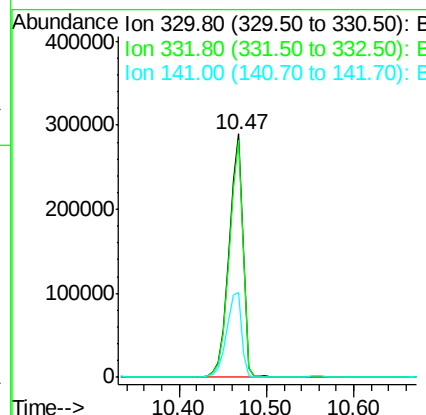
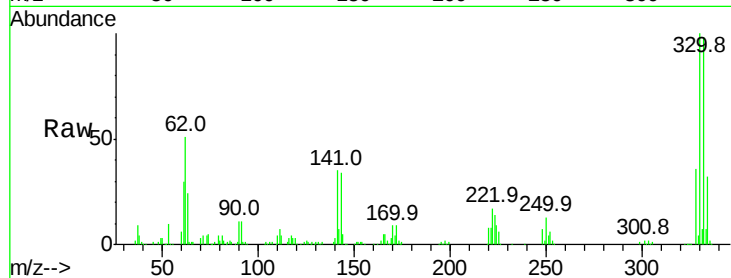




#41
 2,4,6-Tribromophenol
 Concen: 137.37 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

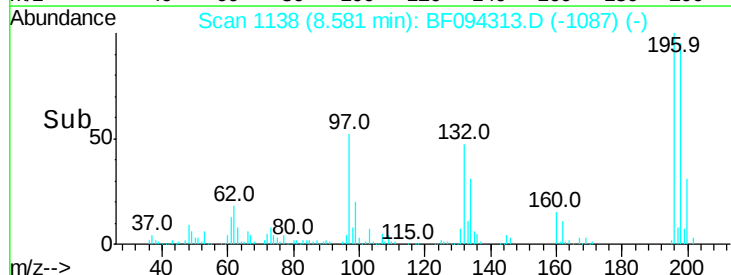
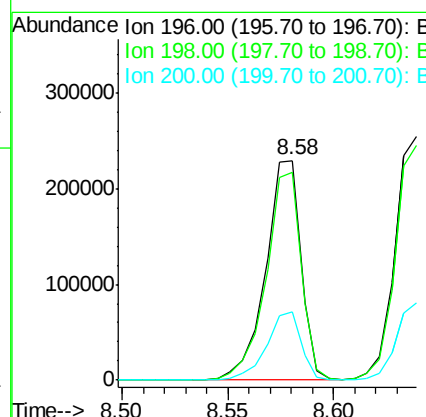
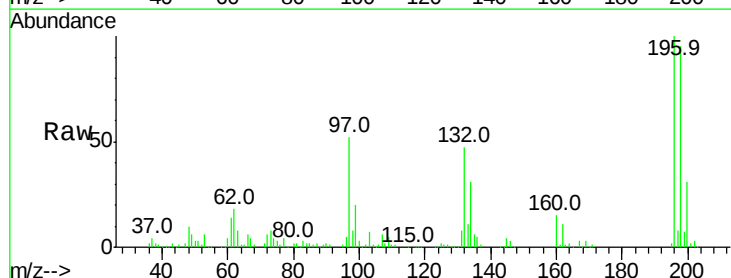
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	38.1	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 46.66 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.2	111.4
200	30.9	24.0	36.0

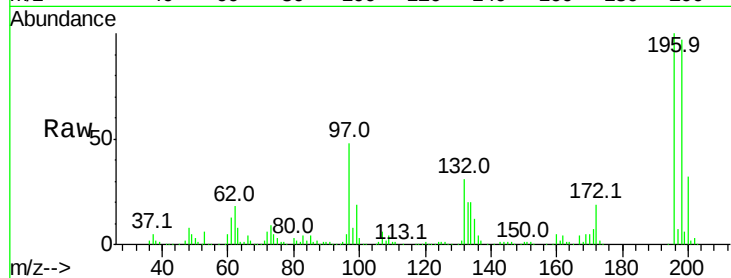




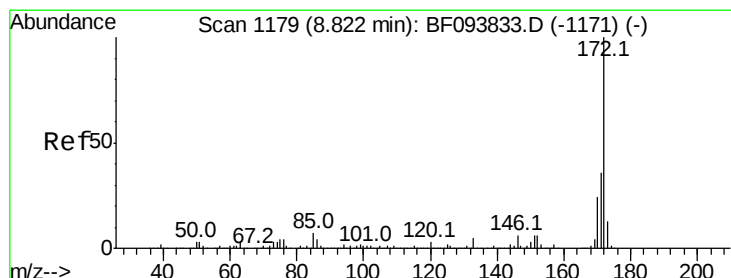
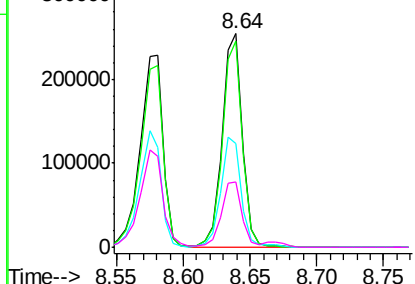
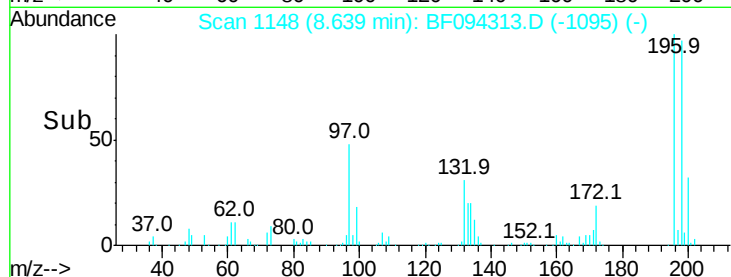
#43
 2,4,5-Trichlorophenol
 Concen: 43.59 ng
 RT: 8.64 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 271902
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.7 113.5
 97 48.5 47.7 71.5
 132 30.7 28.0 42.0

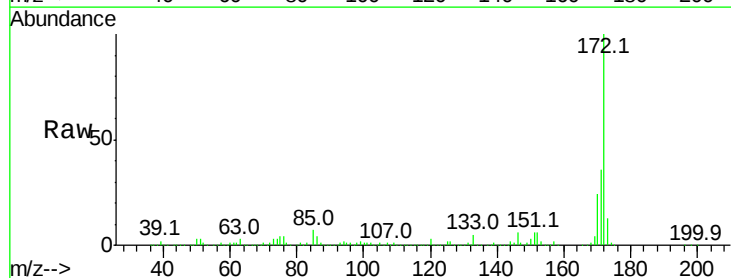


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

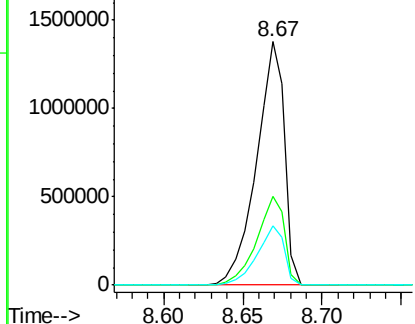
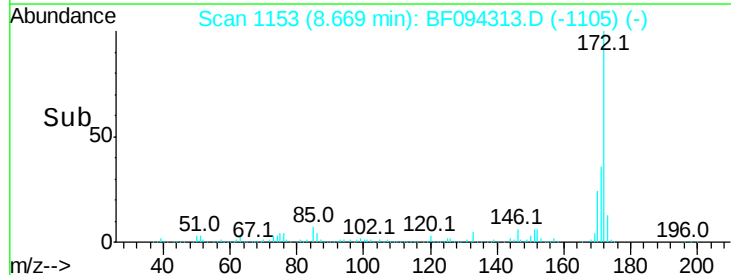


#44
 2-Fluorobiphenyl
 Concen: 86.90 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion:172 Resp: 1696987
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.2 19.8 29.8



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

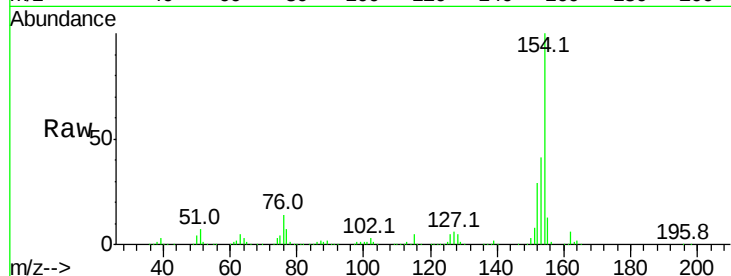




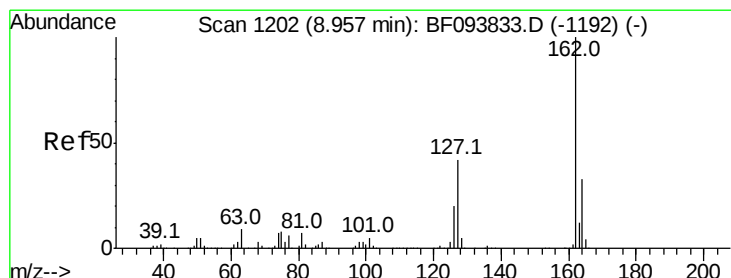
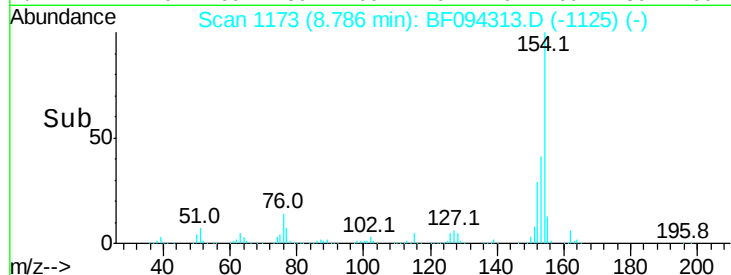
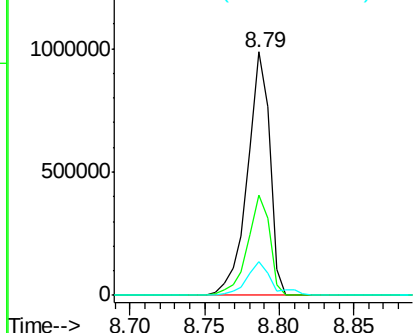
#45
 1,1'-Biphenyl
 Concen: 42.15 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1012776
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.2 61.2
 76 13.7 0.0 29.9

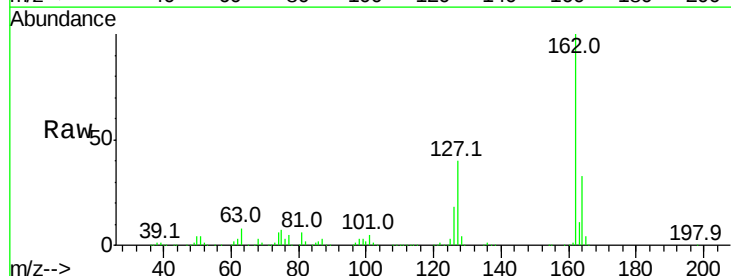


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

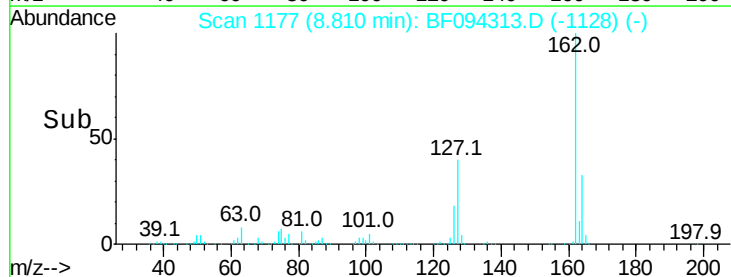
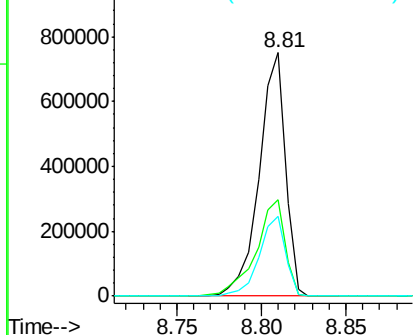


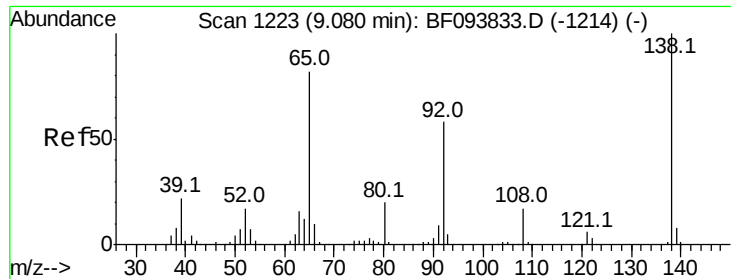
#46
 2-Chloronaphthalene
 Concen: 43.08 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion:162 Resp: 810162
 Ion Ratio Lower Upper
 162 100
 127 39.8 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

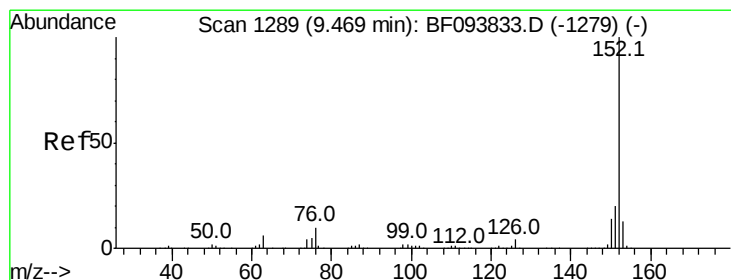
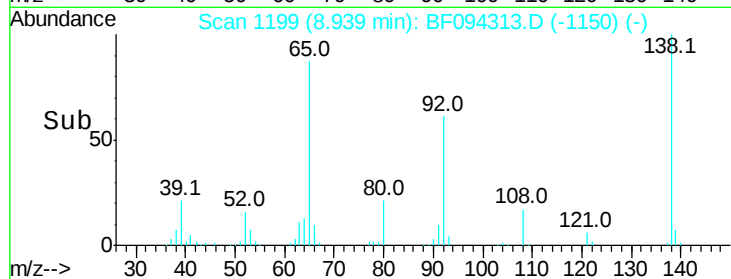
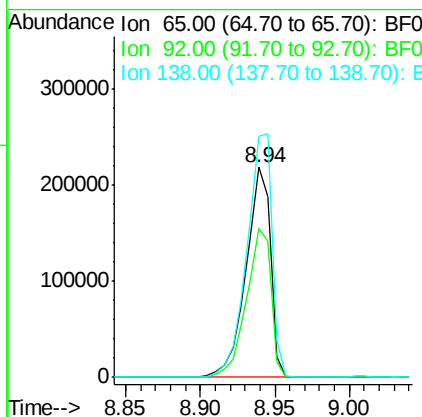
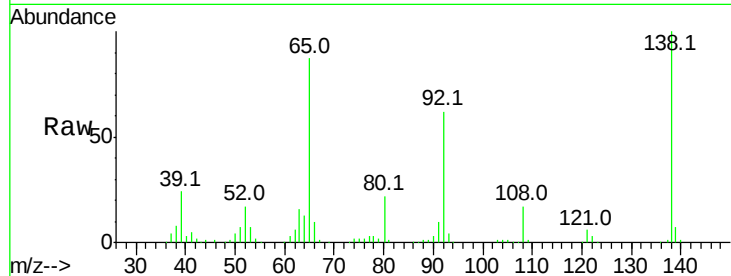




#47
 2-Nitroaniline
 Concen: 44.05 ng
 RT: 8.94 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

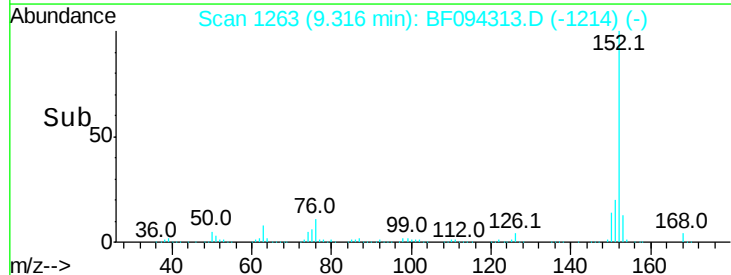
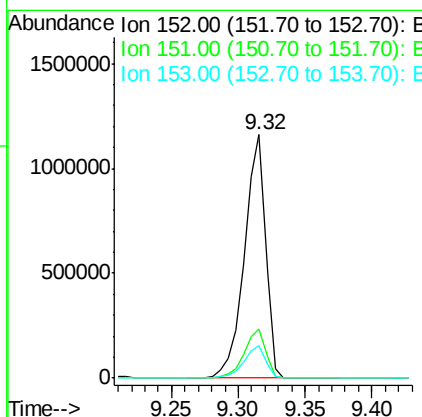
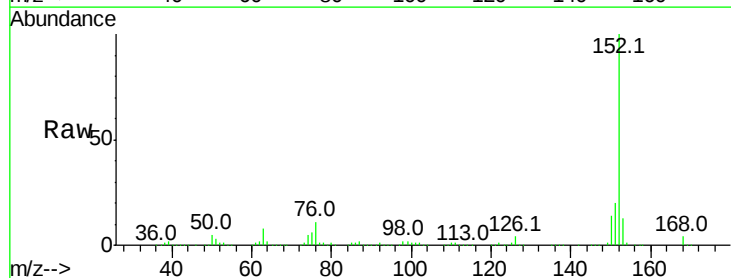
Instrument :
 BNA_F
 ClientSampleId :

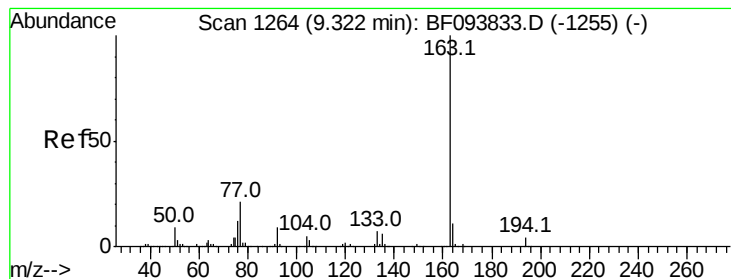
Tot Ion: 65 Resp: 245734
 Ion Ratio Lower Upper
 65 100
 92 70.8 53.9 80.9
 138 114.6 78.8 118.2



#48
 Acenaphthylene
 Concen: 40.41 ng
 RT: 9.32 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion:152 Resp: 1262948
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 46.09 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampled :

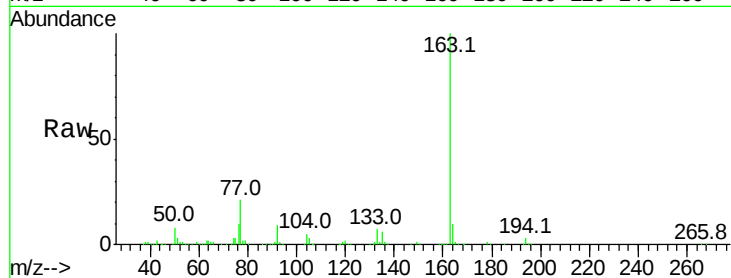
Tot Ion:163 Resp: 975830

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

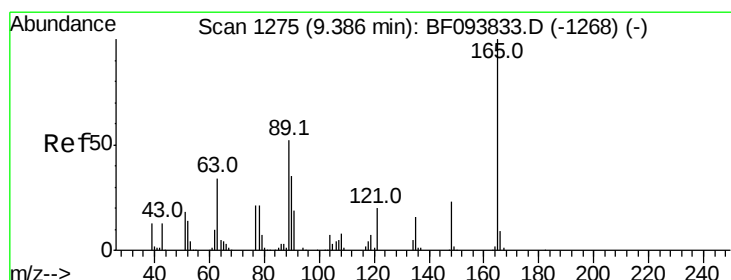
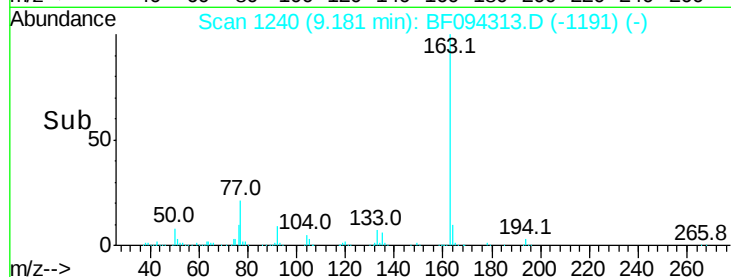
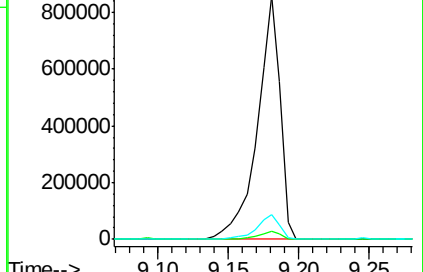
164 10.1 8.4 12.6



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: 45.23 ng

RT: 9.25 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

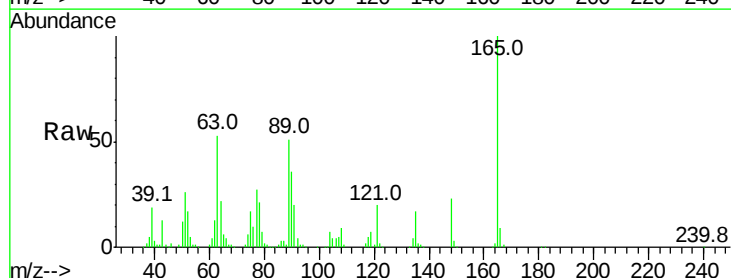
Tgt Ion:165 Resp: 219532

Ion Ratio Lower Upper

165 100

63 52.6 34.3 51.5#

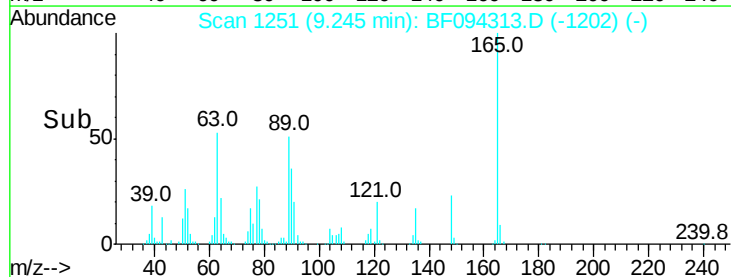
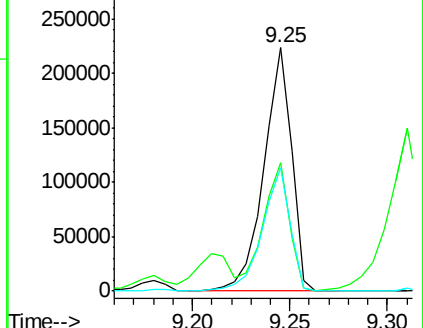
89 50.9 37.1 55.7

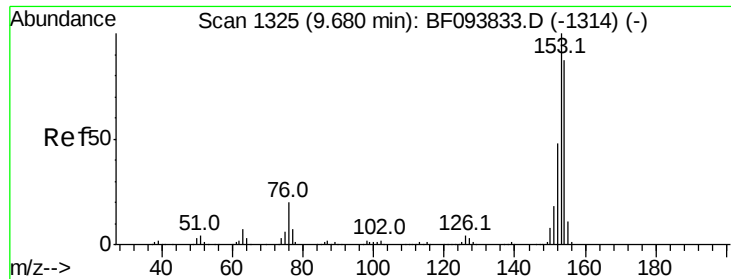


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.59 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

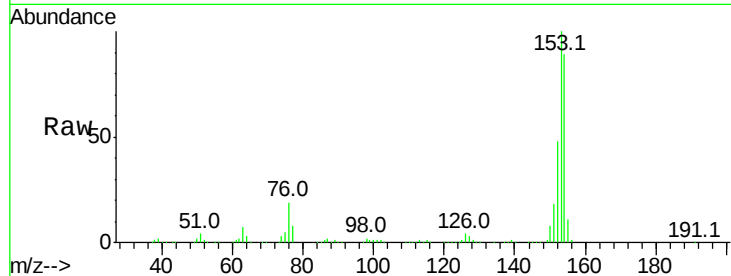
Tot Ion:154 Resp: 758497

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

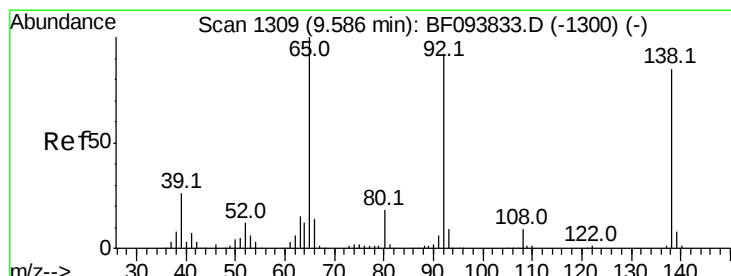
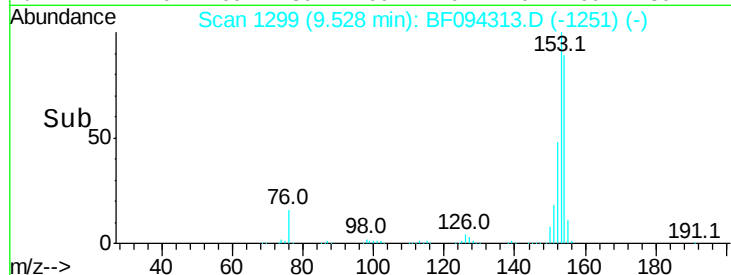
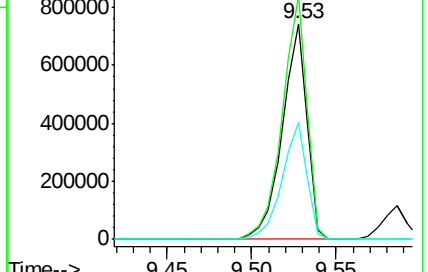
152 54.1 43.6 65.4



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: 20.16 ng

RT: 9.45 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

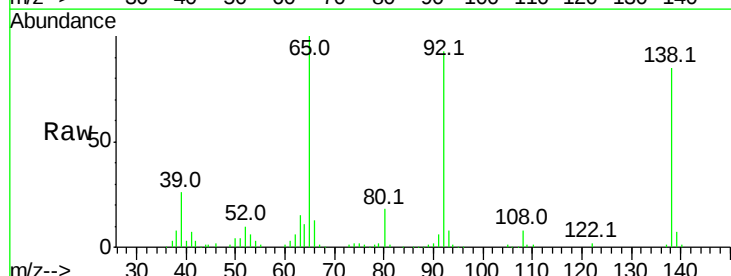
Tgt Ion:138 Resp: 114878

Ion Ratio Lower Upper

138 100

108 9.9 9.1 13.7

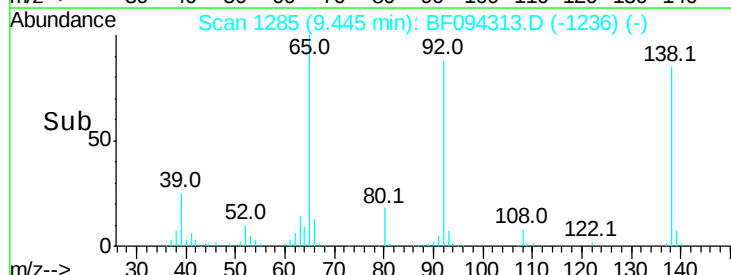
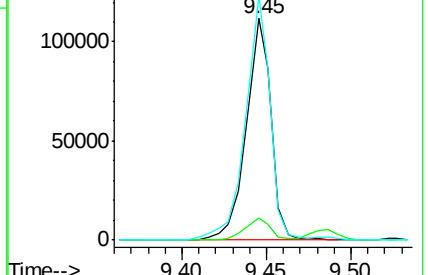
92 110.0 93.8 140.6



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

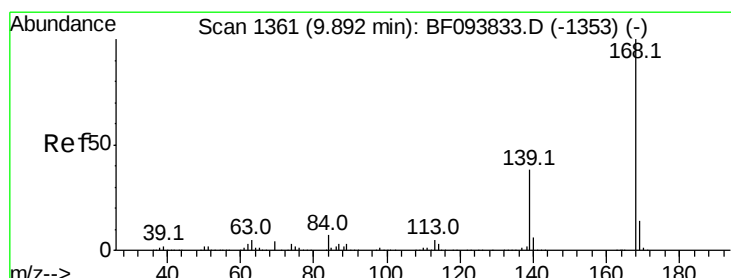
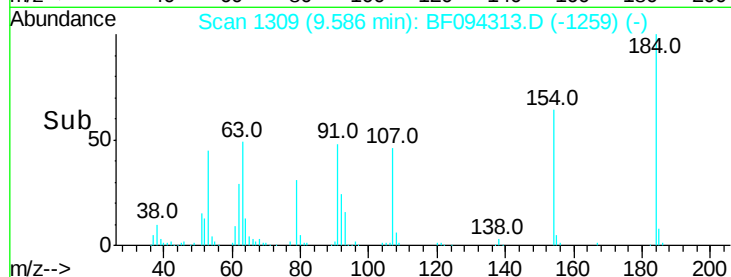
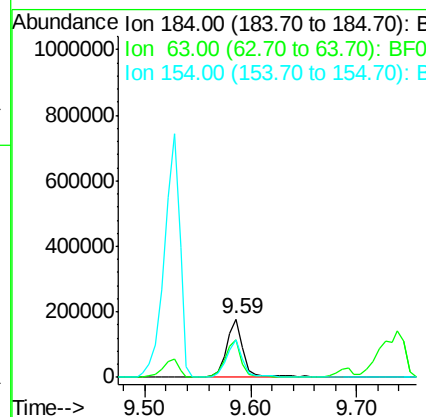
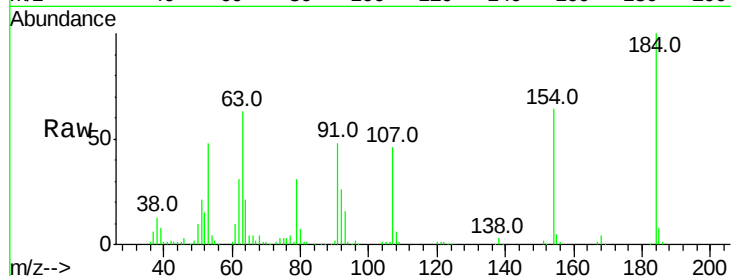




#53
2,4-Dinitrophenol
Concen: 77.45 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

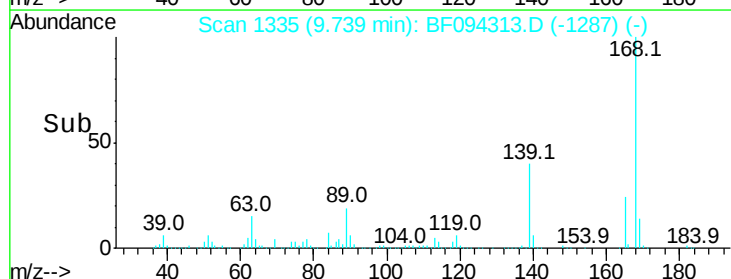
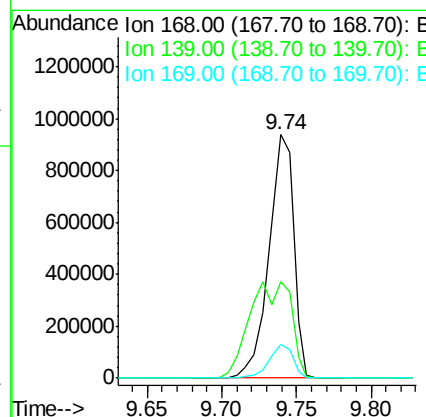
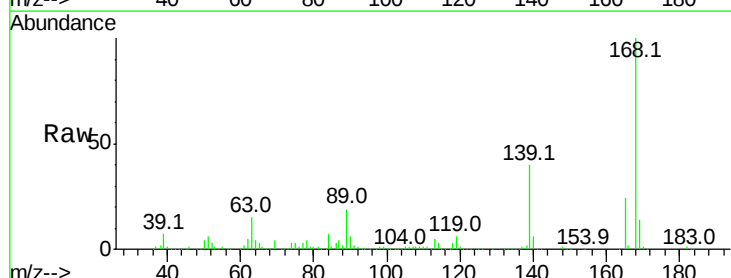
Instrument :
BNA_F
ClientSampled :

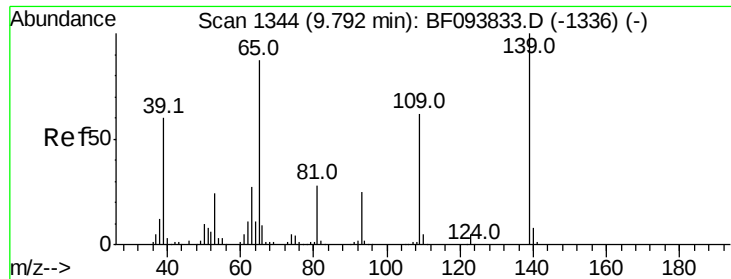
Tot Ion:184 Resp: 200768
Ion Ratio Lower Upper
184 100
63 63.1 62.7 94.1
154 64.4 81.1 121.7#



#54
Dibenzofuran
Concen: 43.15 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion:168 Resp: 1071207
Ion Ratio Lower Upper
168 100
139 39.8 30.6 45.8
169 13.7 10.8 16.2





#55

4-Nitrophenol

Concen: 162.31 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.05 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampled :

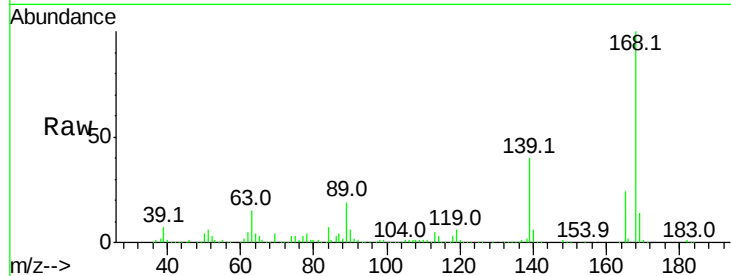
Tot Ion:139 Resp: 724478

Ion Ratio Lower Upper

139 100

109 2.8 34.1 74.1#

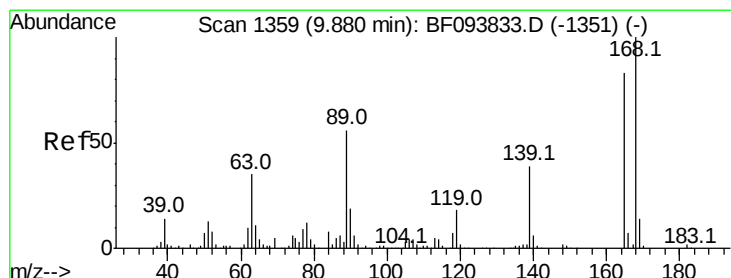
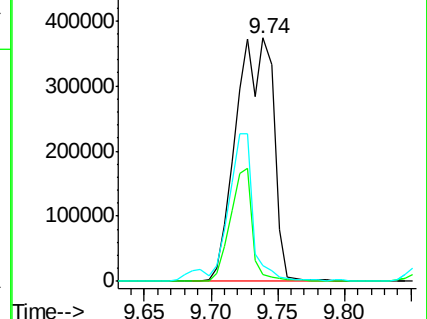
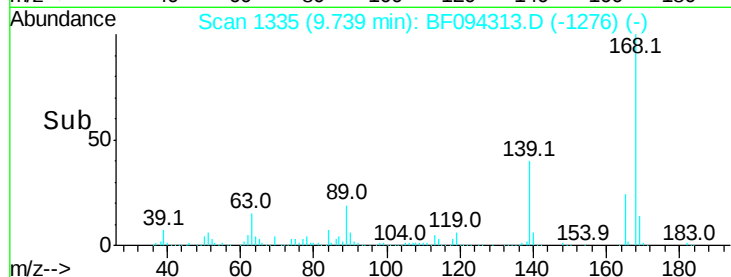
65 6.6 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.03 ng

RT: 9.74 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Tgt Ion:165 Resp: 256256

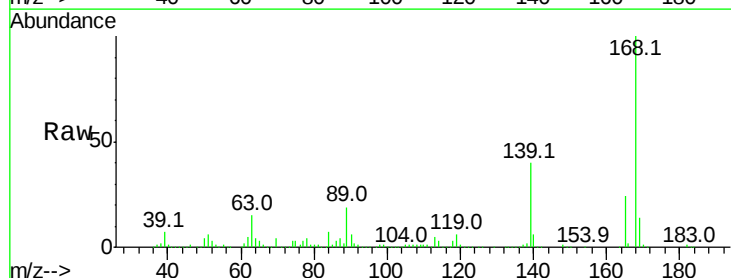
Ion Ratio Lower Upper

165 100

63 62.5 25.4 38.0#

89 79.9 46.4 69.6#

182 2.6 1.8 2.6#

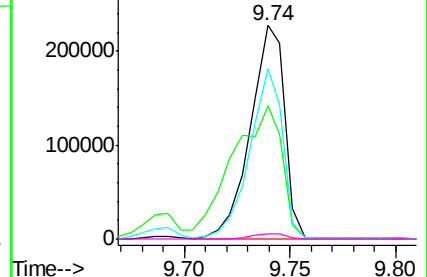
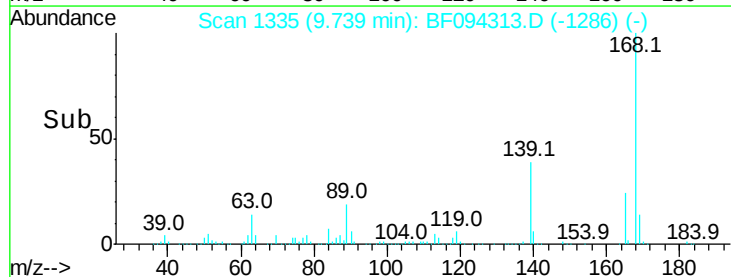


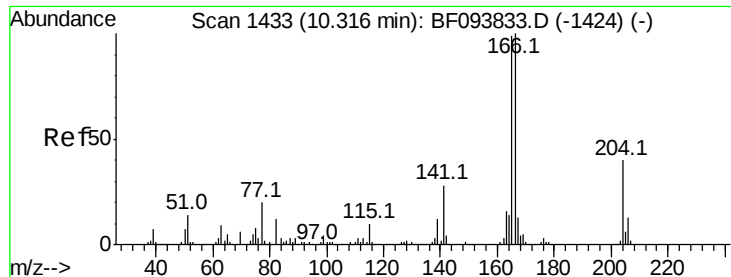
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

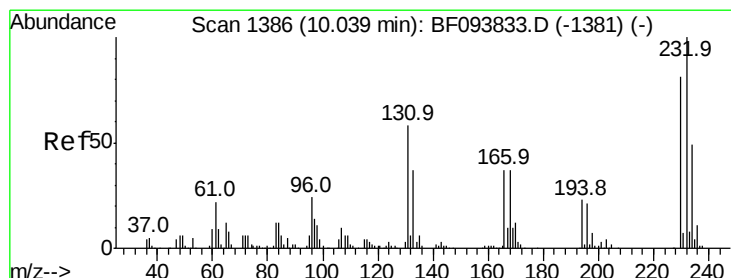
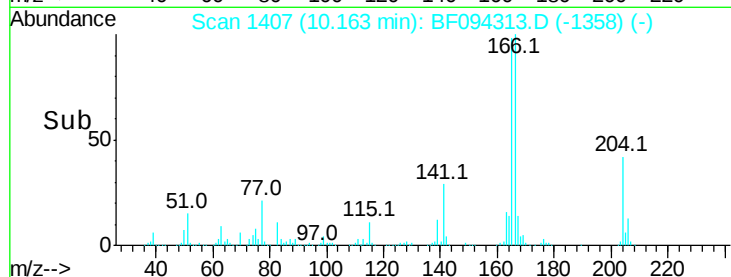
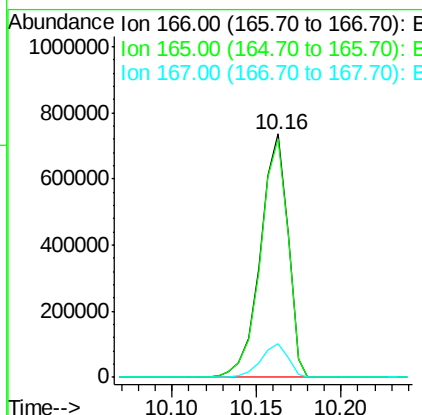
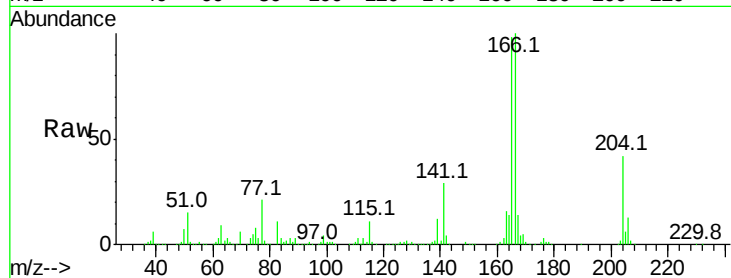




#57
 Fluorene
 Concen: 40.20 ng
 RT: 10.16 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

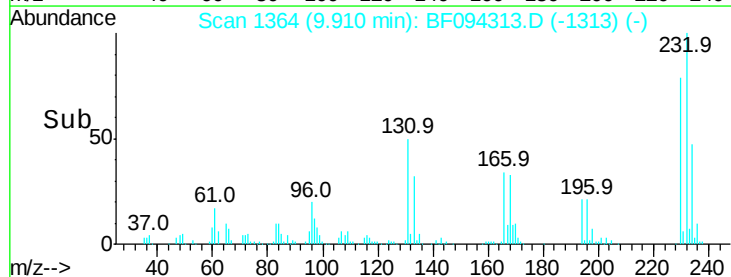
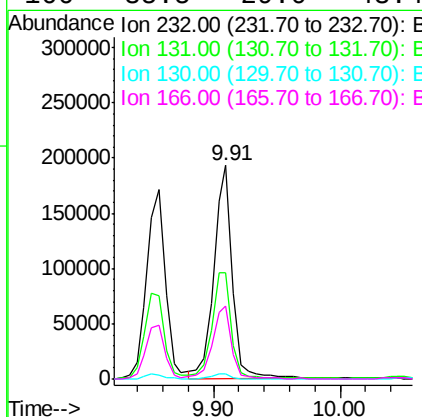
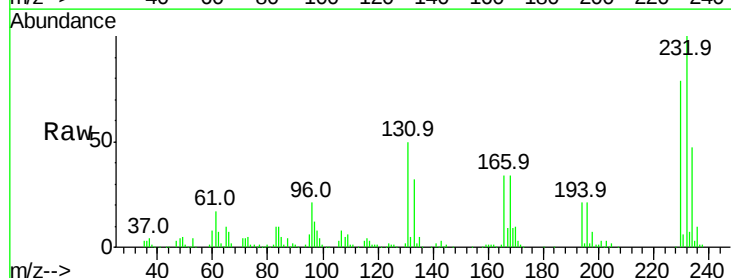
Instrument :
 BNA_F
 ClientSampled :

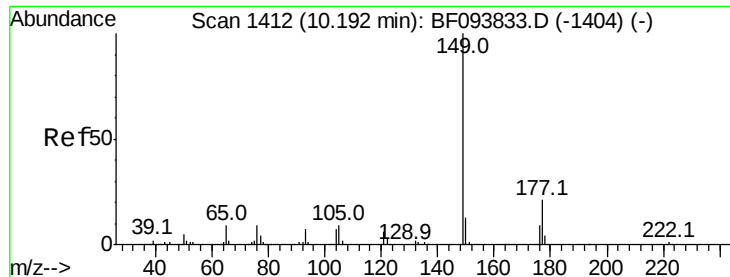
Tot Ion:166 Resp: 827579
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.8 118.2
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.15 ng
 RT: 9.91 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion:232 Resp: 197515
 Ion Ratio Lower Upper
 232 100
 131 55.6 44.8 67.2
 130 2.4 2.3 3.5
 166 35.5 29.0 43.4

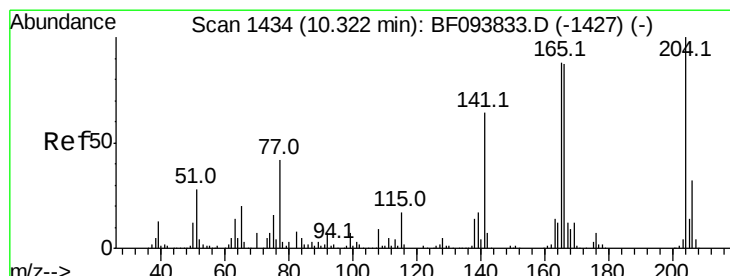
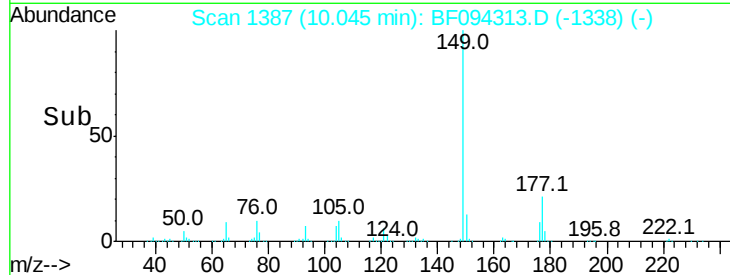
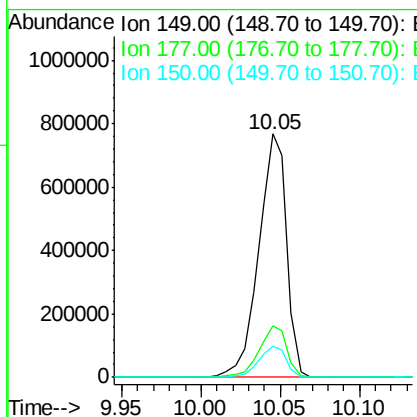
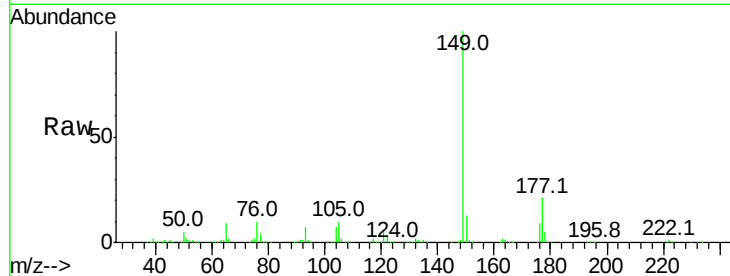




#59
 Diethylphthalate
 Concen: 44.80 ng
 RT: 10.05 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

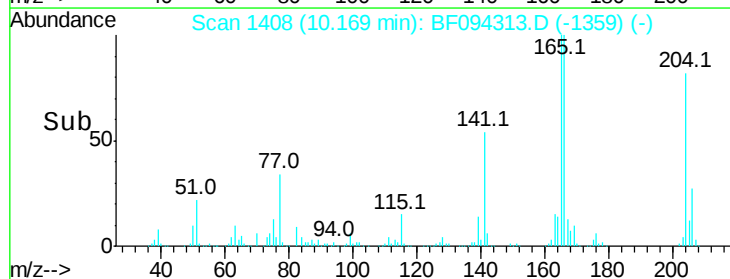
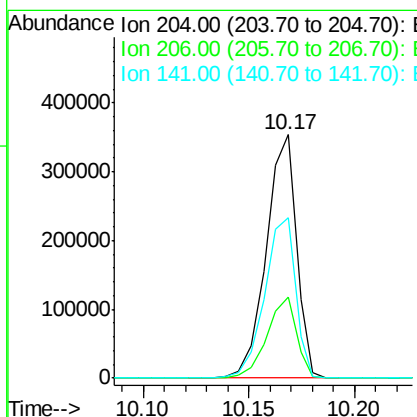
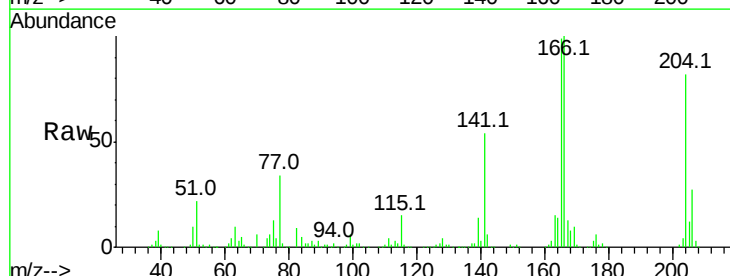
Instrument :
 BNA_F
 ClientSampleId :

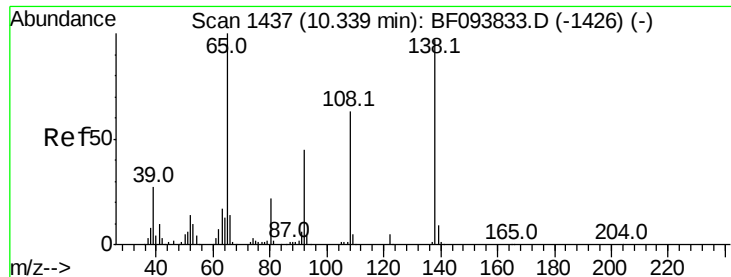
Tot Ion:	149	Resp:	937639
Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.6	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 40.28 ng
 RT: 10.17 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion:	204	Resp:	353311
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	65.6	60.8	91.2

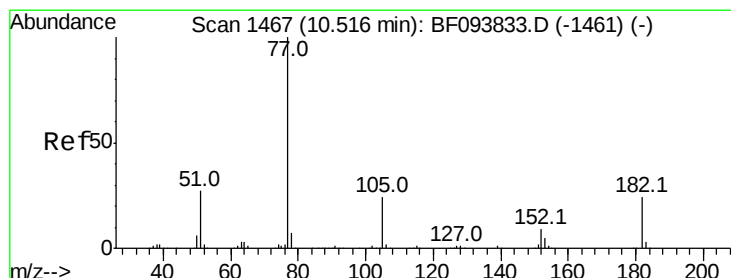
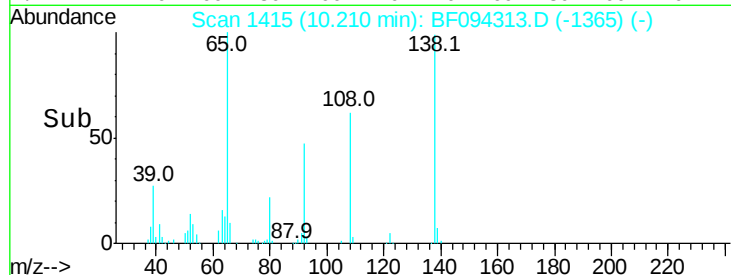
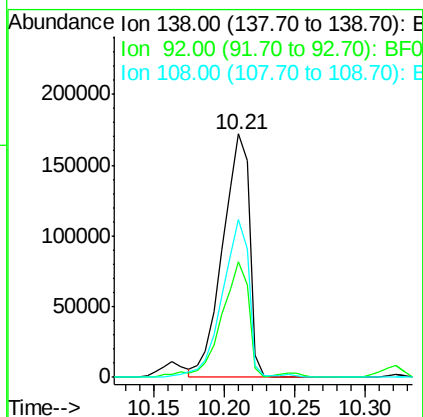
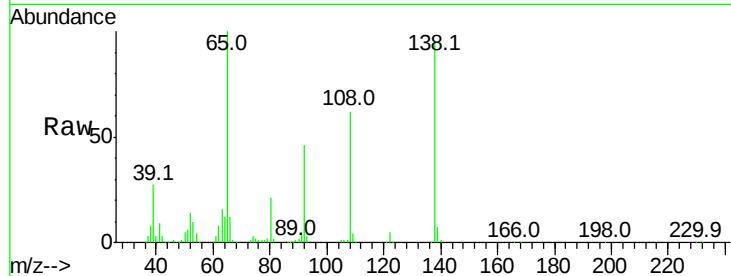




#61
4-Nitroaniline
Concen: 41.54 ng
RT: 10.21 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

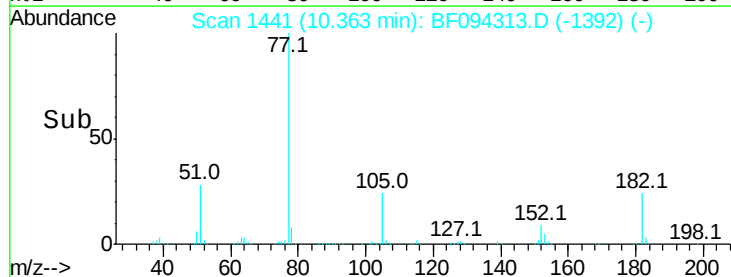
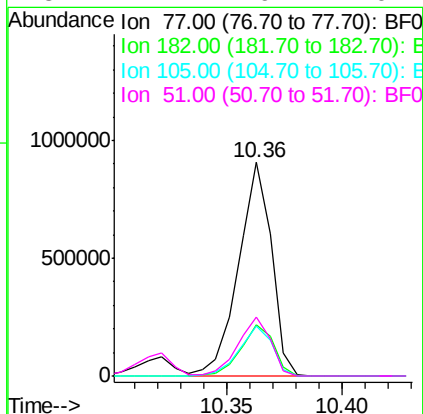
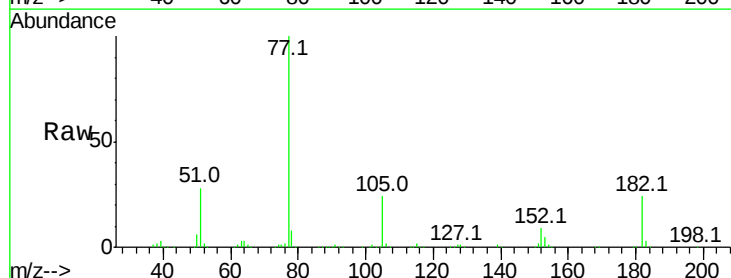
Instrument :
BNA_F
ClientSampleId :

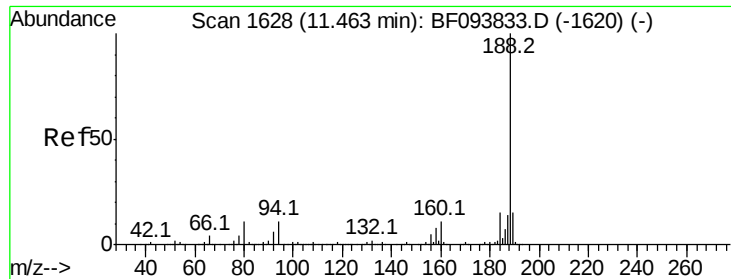
Tot Ion:138 Resp: 227201
Ion Ratio Lower Upper
138 100
92 47.6 21.8 61.8
108 64.7 42.3 82.3



#62
Azobenzene
Concen: 45.57 ng
RT: 10.36 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion: 77 Resp: 902141
Ion Ratio Lower Upper
77 100
182 23.8 0.1 40.1
105 23.6 3.6 43.6
51 27.7 9.4 49.4

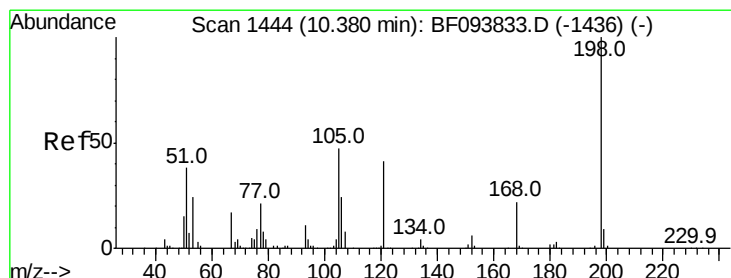
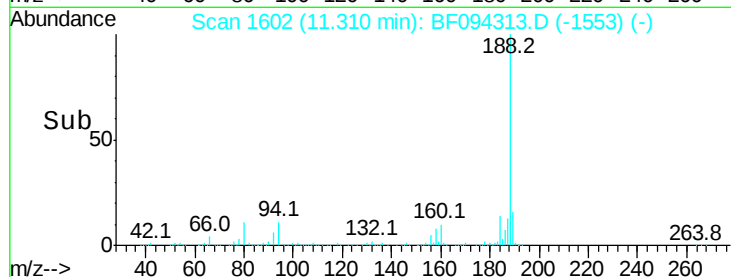
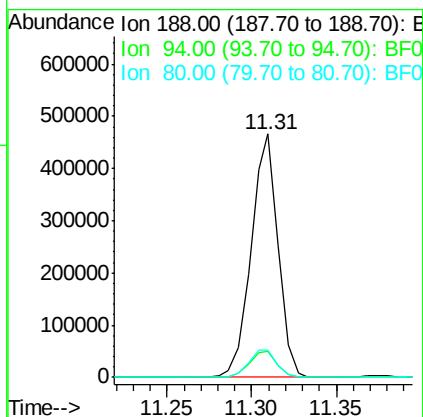
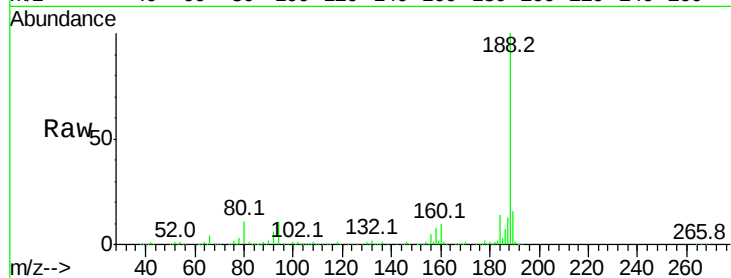




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

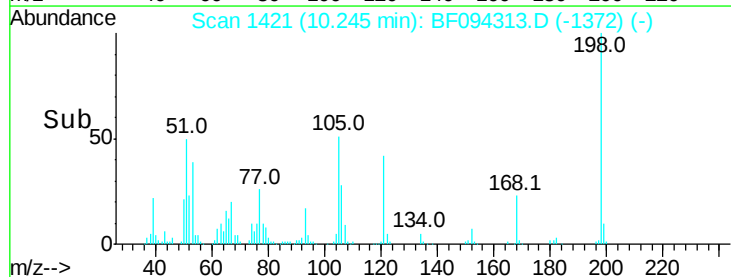
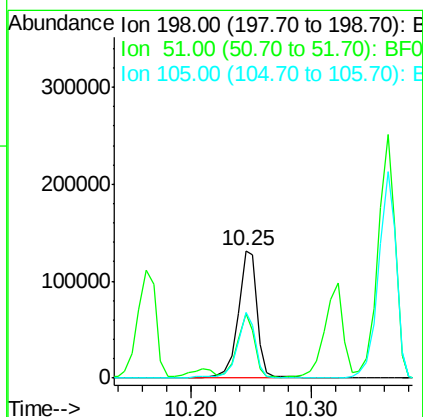
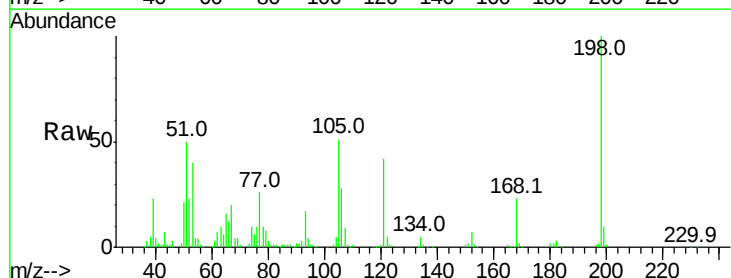
Instrument :
BNA_F
ClientSampleId :

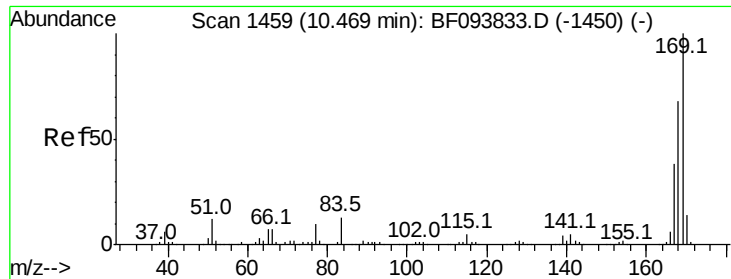
Tot Ion:188 Resp: 515835
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.0 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 45.70 ng
RT: 10.25 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion:198 Resp: 144363
Ion Ratio Lower Upper
198 100
51 50.3 53.2 93.2#
105 51.3 45.8 85.8

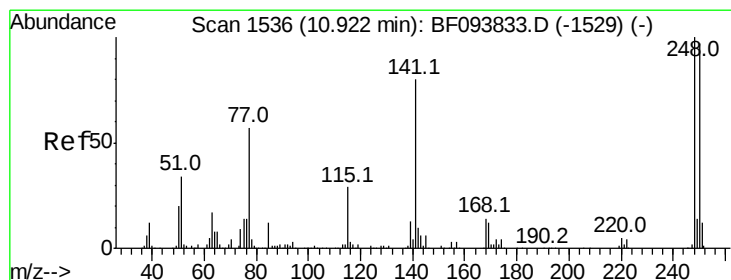
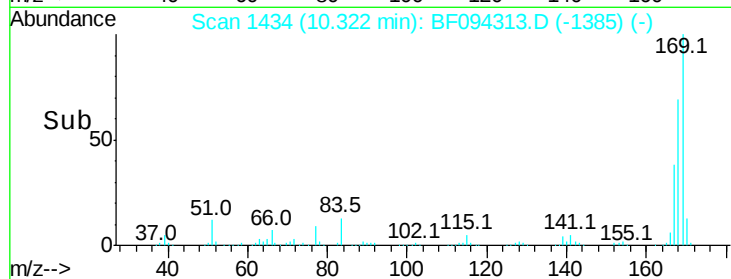
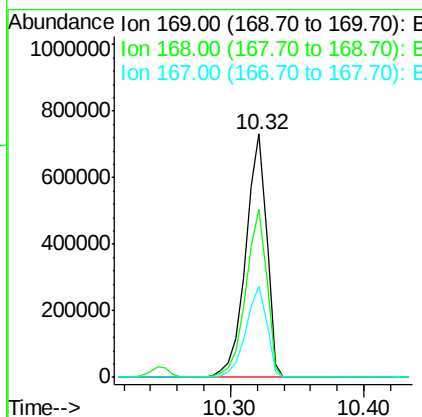
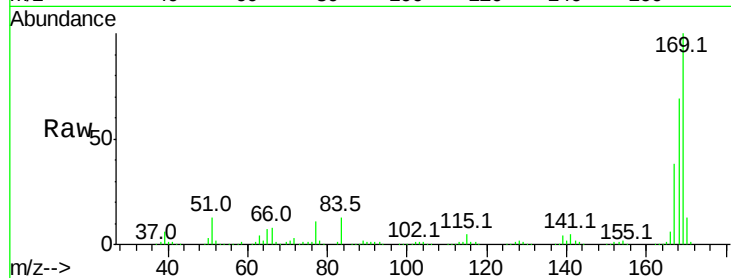




#65
 n-Nitrosodiphenylamine
 Concen: 44.17 ng
 RT: 10.32 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

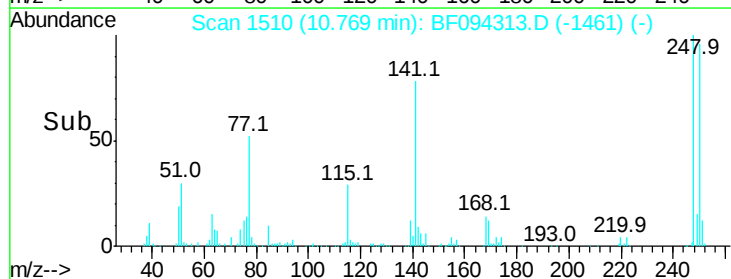
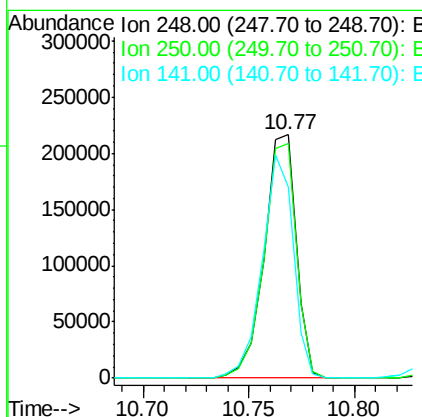
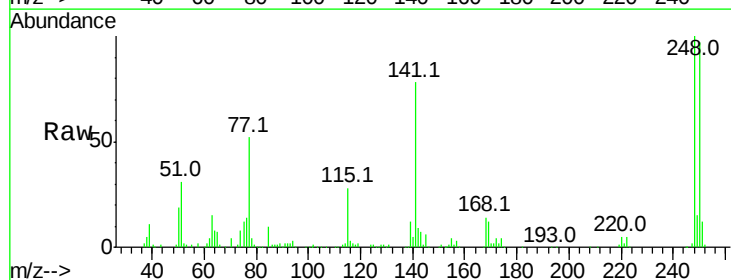
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.9	53.2	79.8
167	37.5	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 45.20 ng
 RT: 10.77 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.8	115.2
141	78.4	68.6	103.0





#67

Hexachlorobenzene

Concen: 45.51 ng

RT: 10.84 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

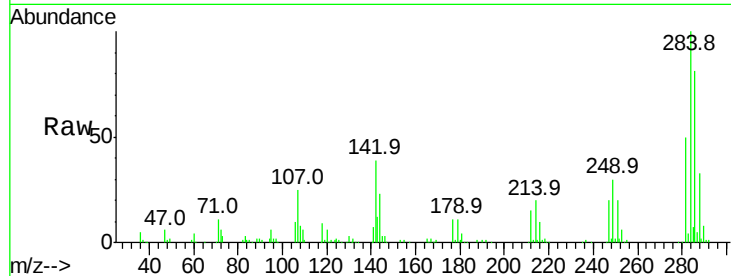
Tot Ion:284 Resp: 233712

Ion Ratio Lower Upper

284 100

142 39.4 22.8 34.2#

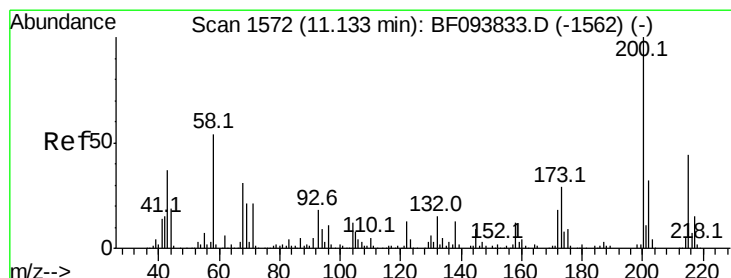
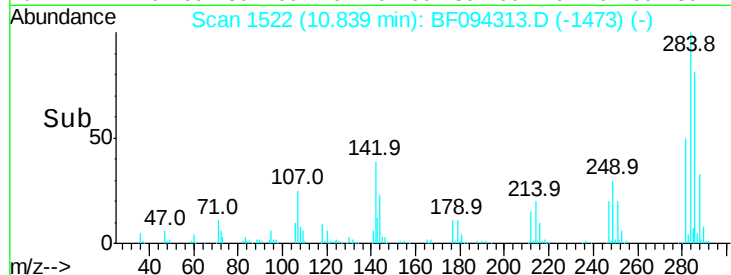
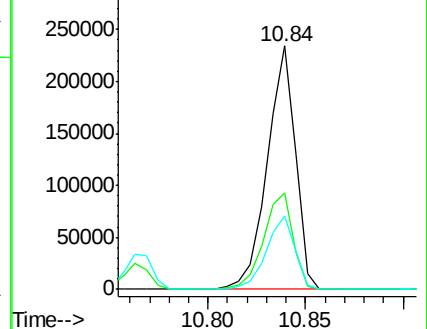
249 29.9 24.0 36.0



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: 42.19 ng

RT: 11.00 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

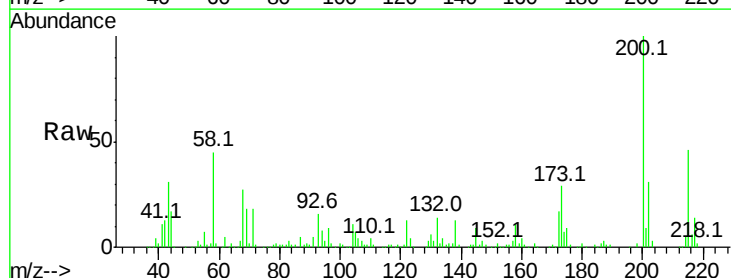
Tgt Ion:200 Resp: 225409

Ion Ratio Lower Upper

200 100

173 29.4 6.3 46.3

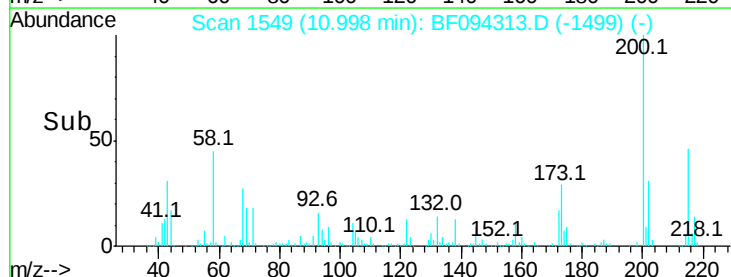
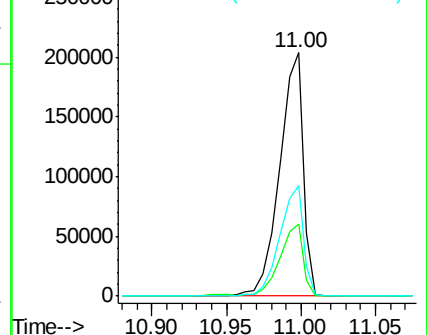
215 45.5 27.2 67.2



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

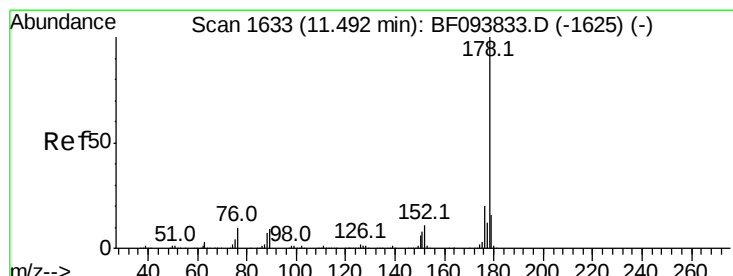
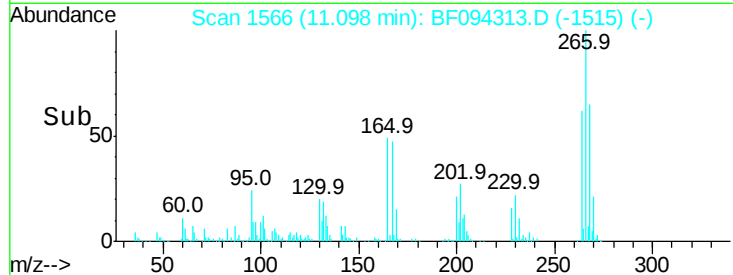
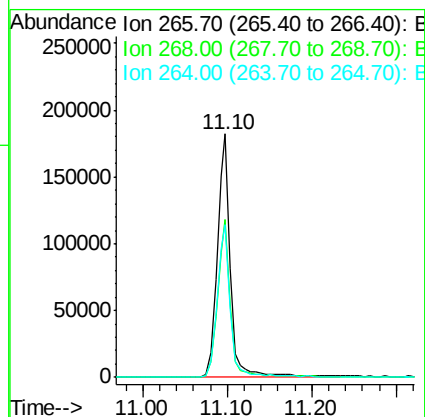
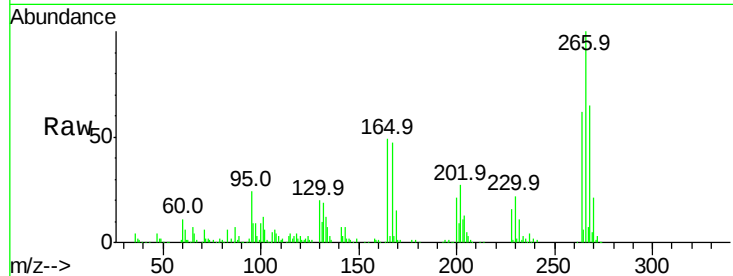




#69
 Pentachlorophenol
 Concen: 63.86 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

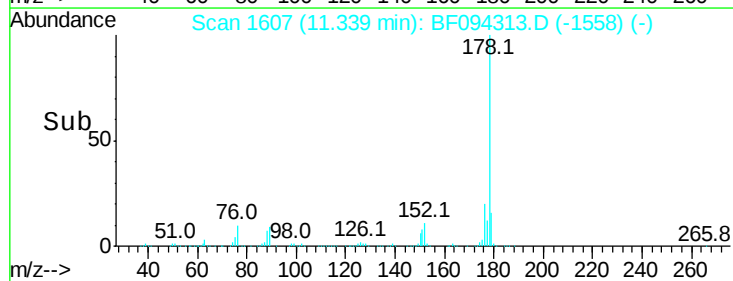
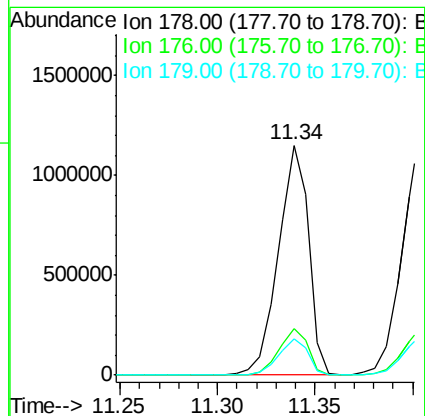
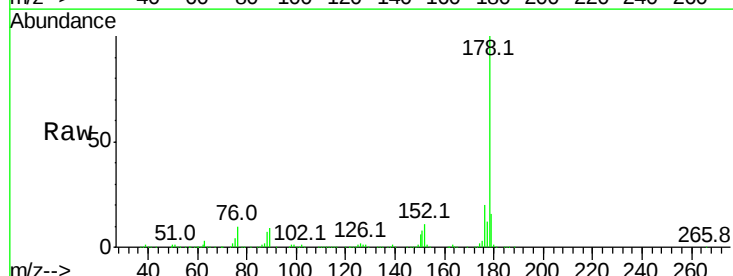
Instrument :
 BNA_F
 ClientSampled :

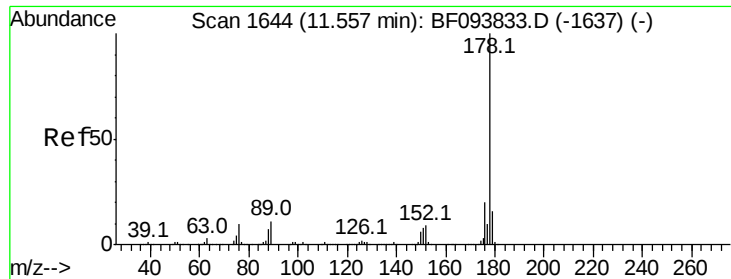
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	62.5	51.7	77.5



#70
 Phenanthrene
 Concen: 42.90 ng
 RT: 11.34 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.8	12.6	19.0

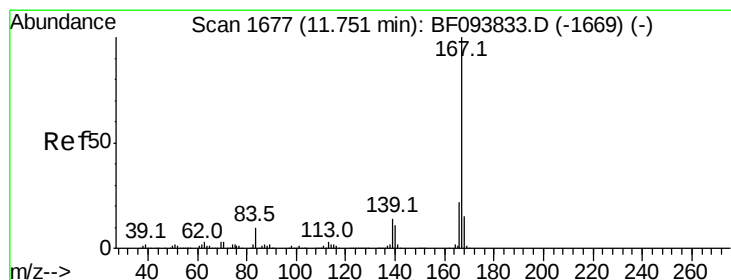
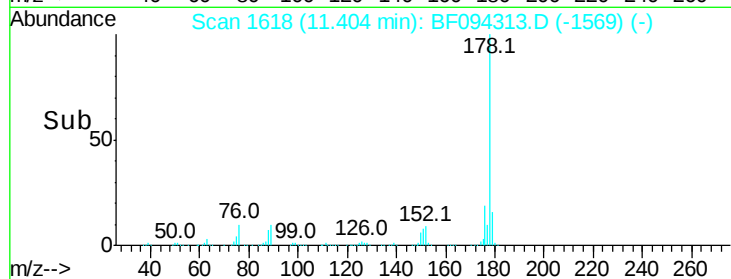
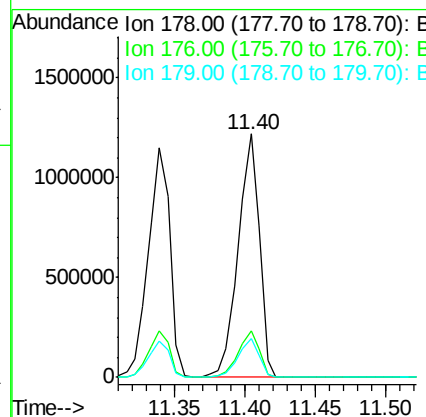
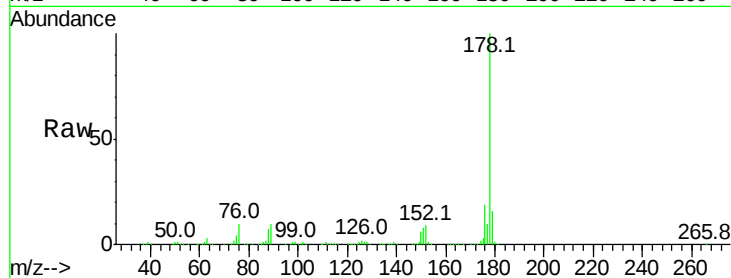




#71
 Anthracene
 Concen: 43.21 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

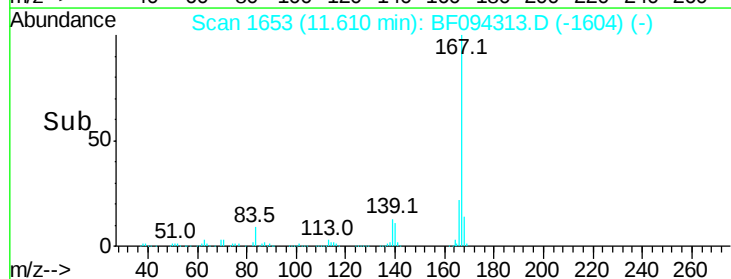
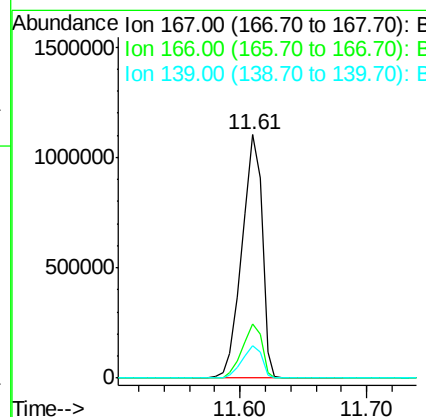
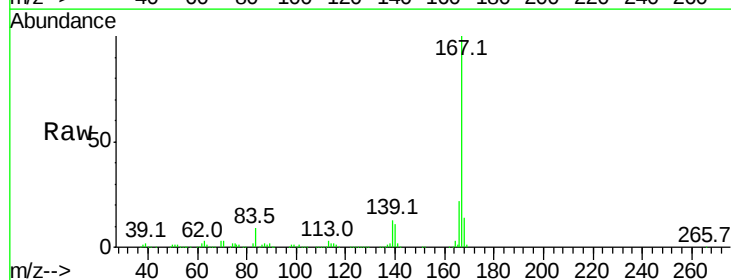
Instrument :
 BNA_F
 ClientSampleId :

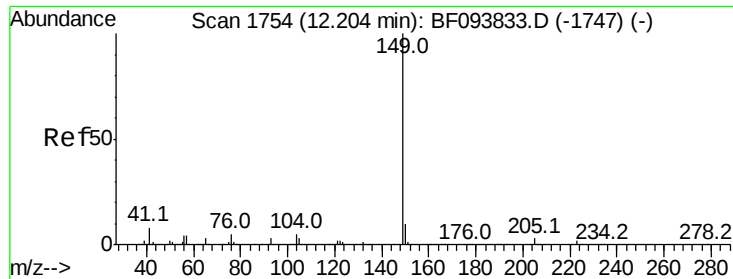
Tot Ion:178 Resp: 1276727
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 39.57 ng
 RT: 11.61 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion:167 Resp: 1198877
 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: 45.89 ng

RT: 12.06 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

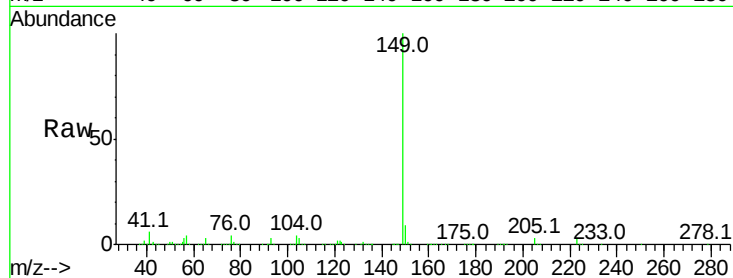
Tot Ion:149 Resp: 1445797

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

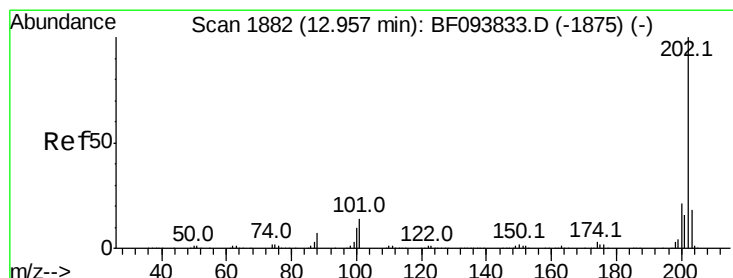
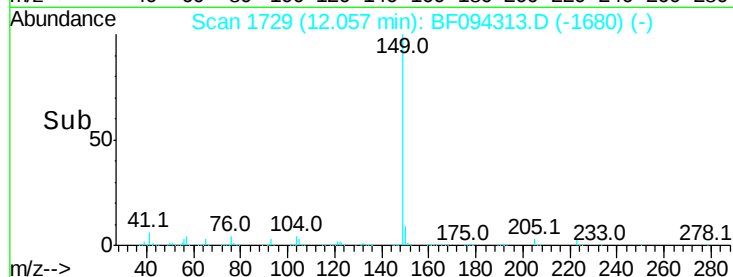
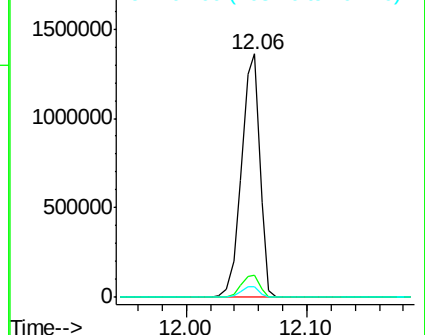
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.88 ng

RT: 12.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

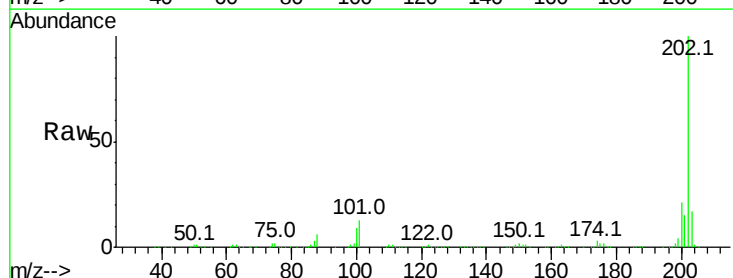
Tgt Ion:202 Resp: 1259895

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

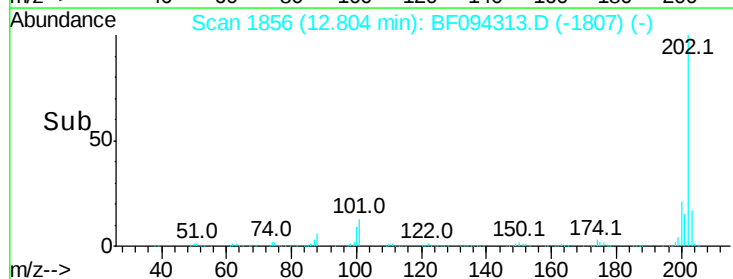
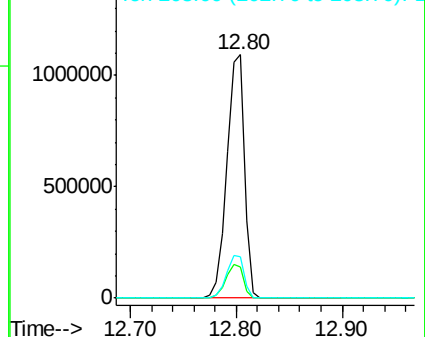
203 17.1 0.0 38.1

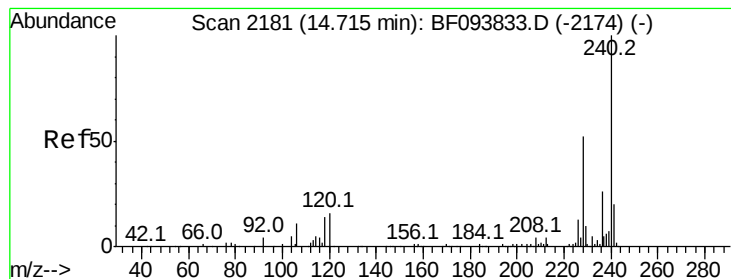


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

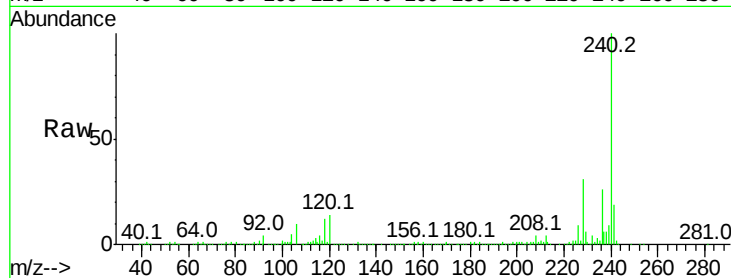
Tot Ion:240 Resp: 379908

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

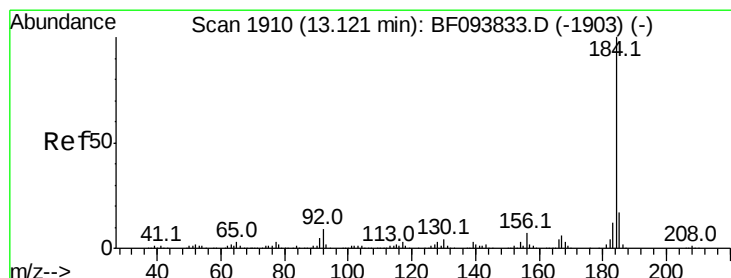
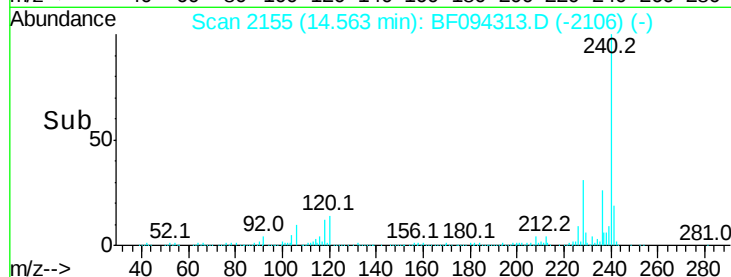
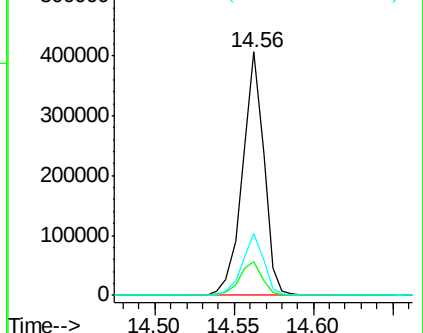
236 25.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.25 ng

RT: 12.97 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

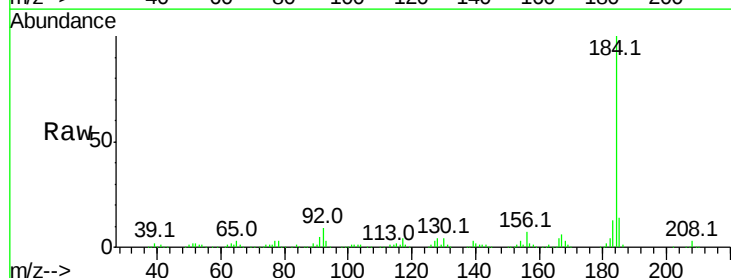
Tgt Ion:184 Resp: 409703

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

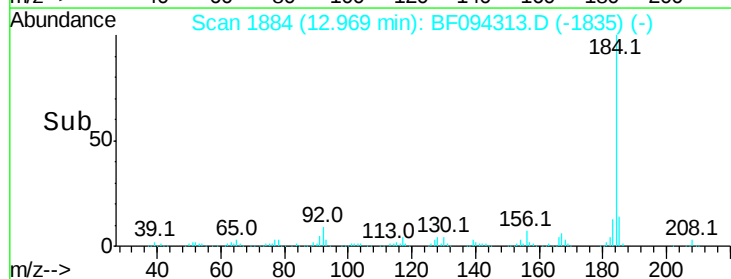
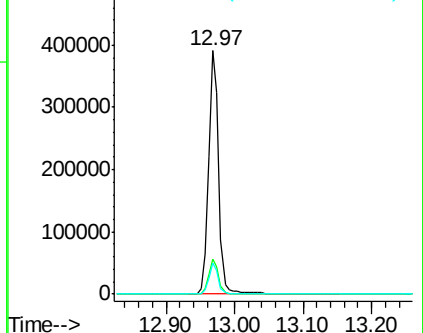
183 12.7 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

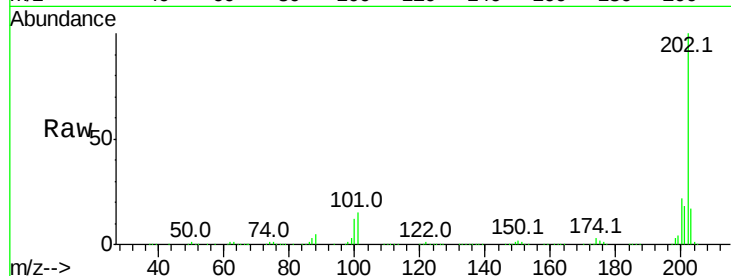




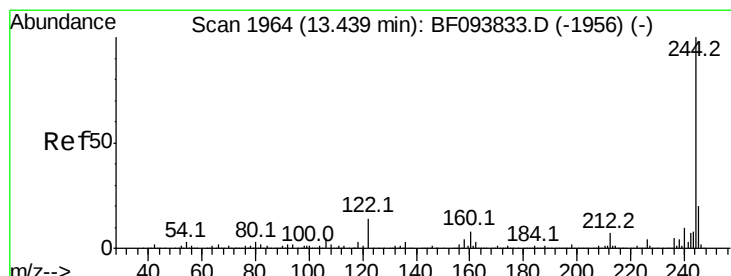
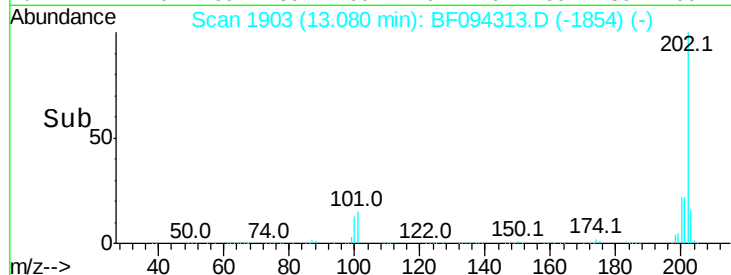
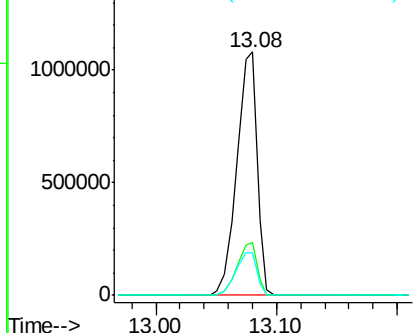
#77
Pvrene
Concen: 46.13 ng
RT: 13.08 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1271864
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.5 14.4 21.6

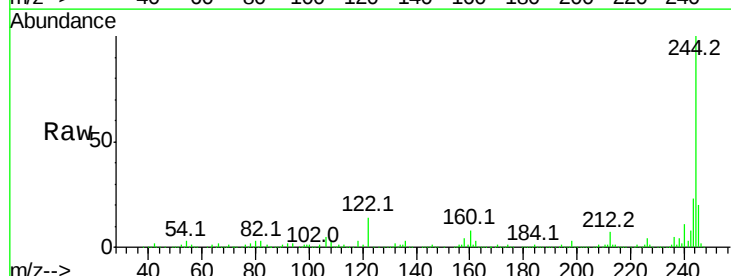


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

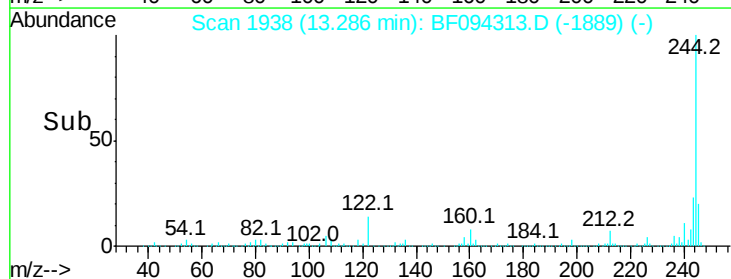
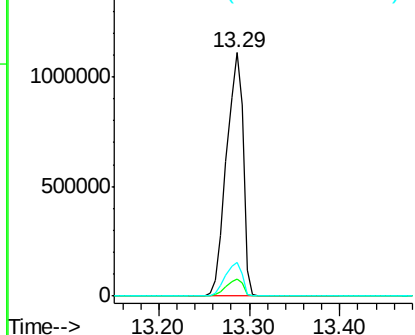


#78
Terphenyl-d14
Concen: 83.41 ng
RT: 13.29 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion:244 Resp: 1413704
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.7 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

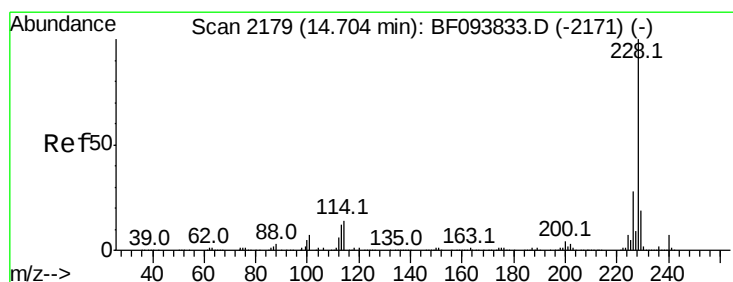
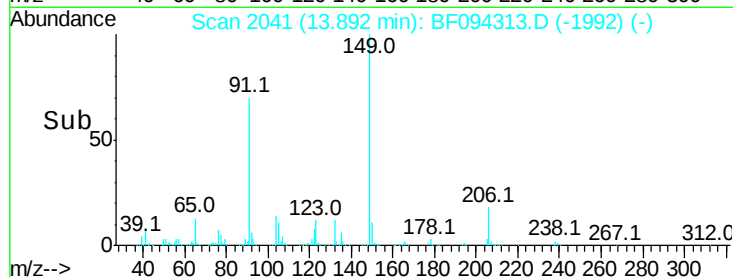
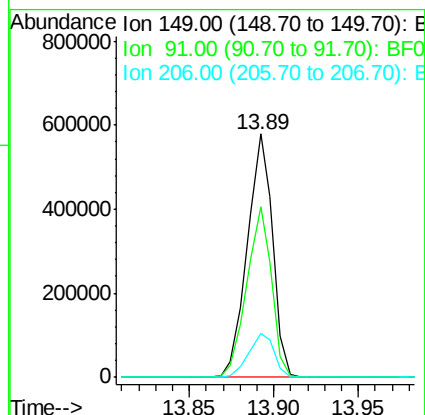
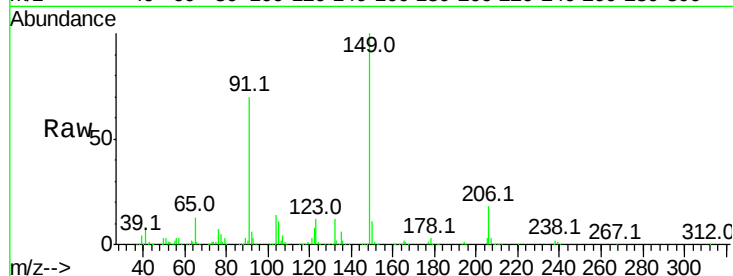




#79
Butylbenzylphthalate
Concen: 51.52 ng
RT: 13.89 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

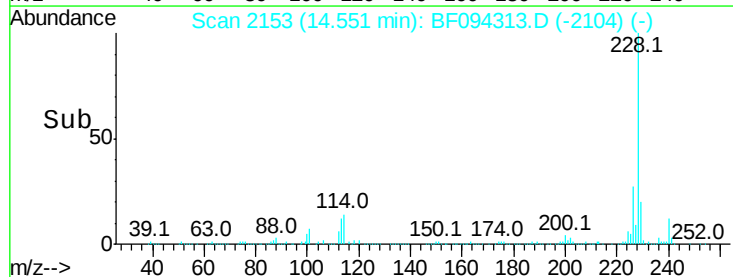
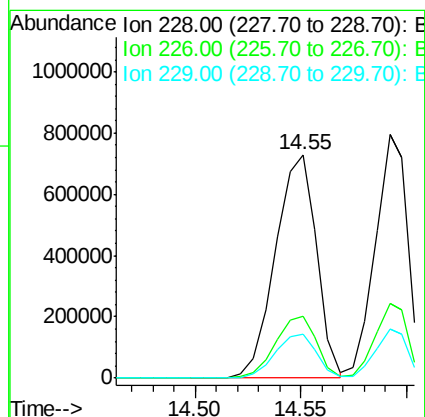
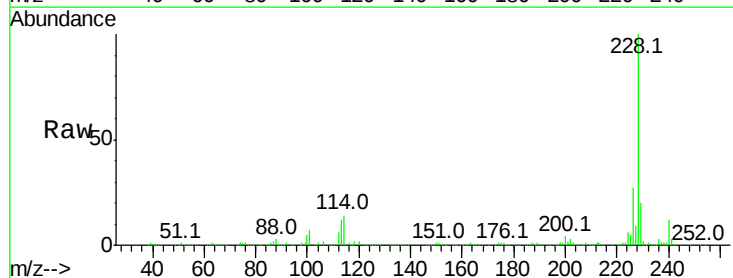
Instrument :
BNA_F
ClientSampleId :

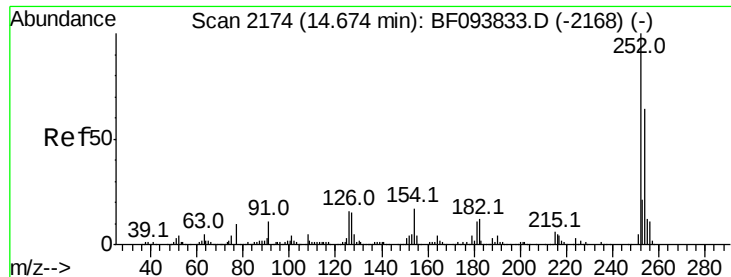
Tot Ion:149 Resp: 605209
Ion Ratio Lower Upper
149 100
91 70.0 45.0 67.4#
206 18.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 44.50 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion:228 Resp: 985756
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.8 16.3 24.5

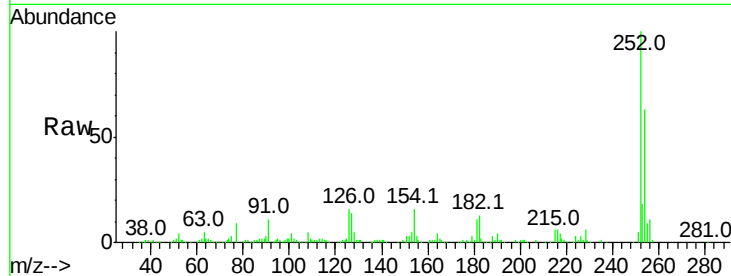




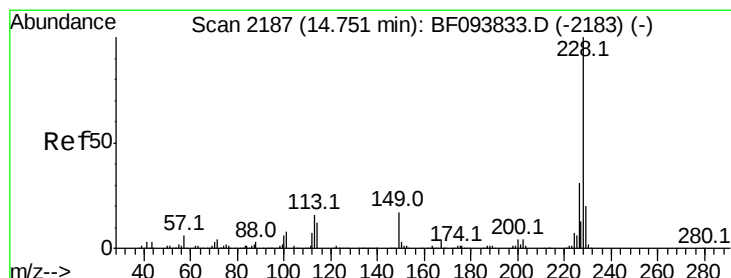
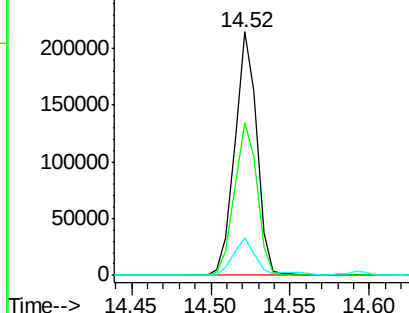
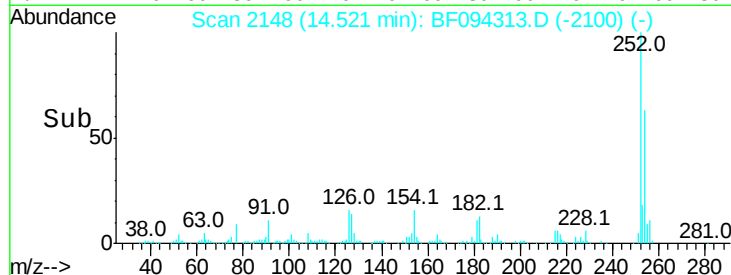
#81
 3,3'-Dichlorobenzidine
 Concen: 26.09 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.5	77.3
126	15.6	15.8	23.8

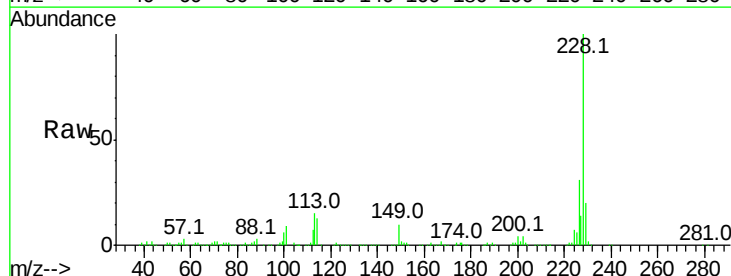


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

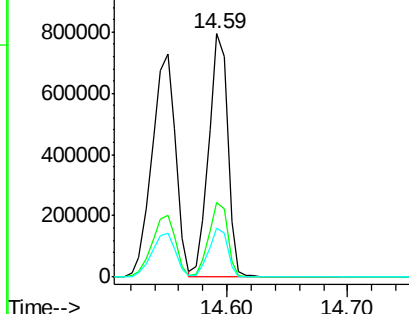
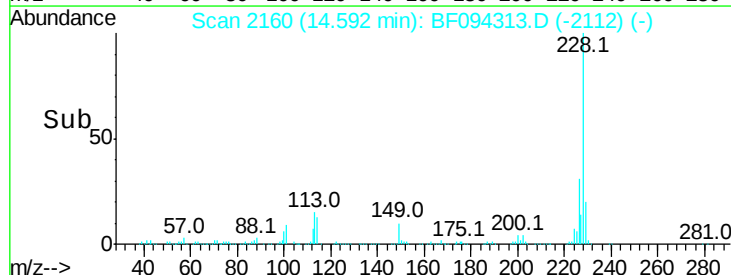


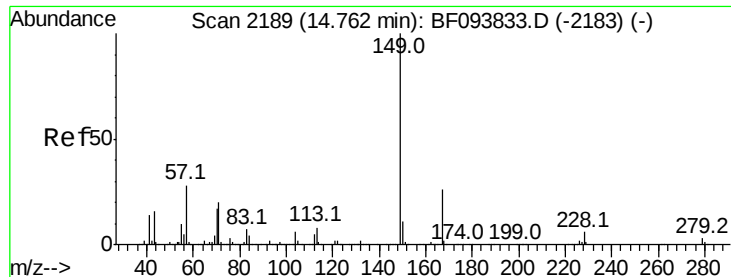
#82
 Chrysene
 Concen: 41.81 ng
 RT: 14.59 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.0	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

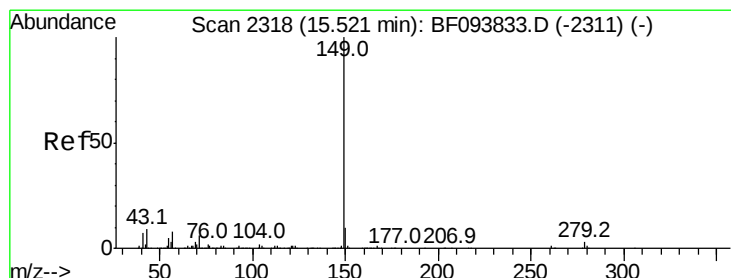
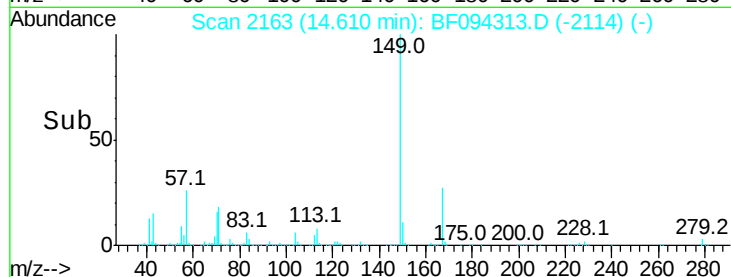
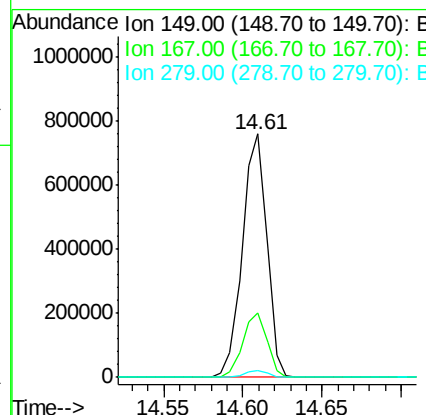
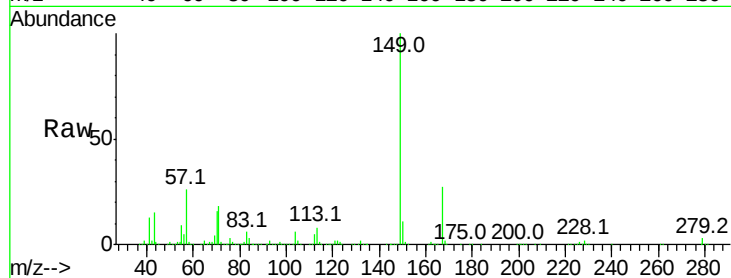




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.49 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

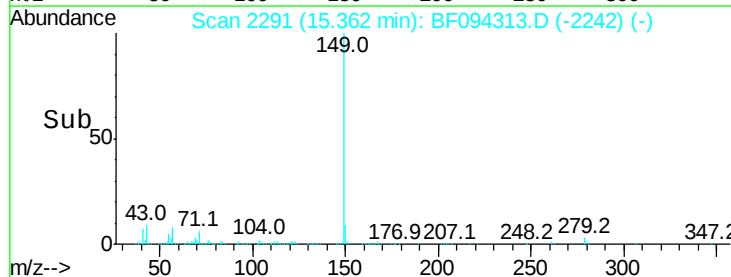
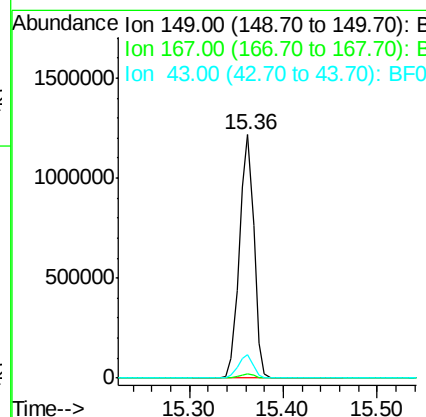
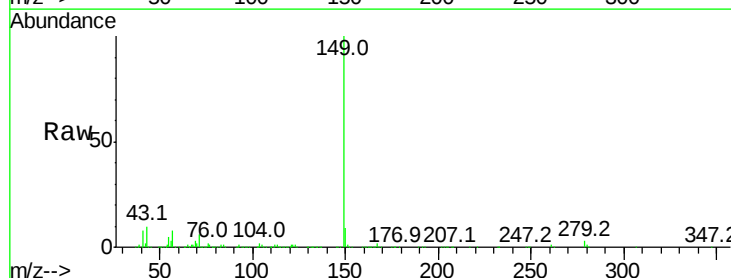
Instrument :
 BNA_F
 ClientSampleId :

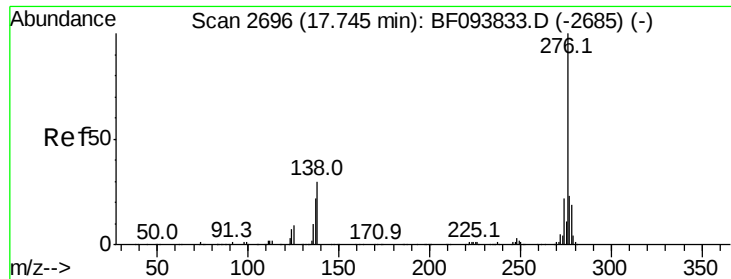
Tot Ion:149 Resp: 809217
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 48.71 ng
 RT: 15.36 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion:149 Resp: 1304121
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.5 8.5 12.7

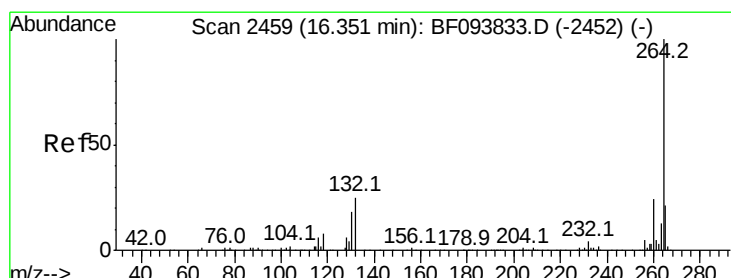
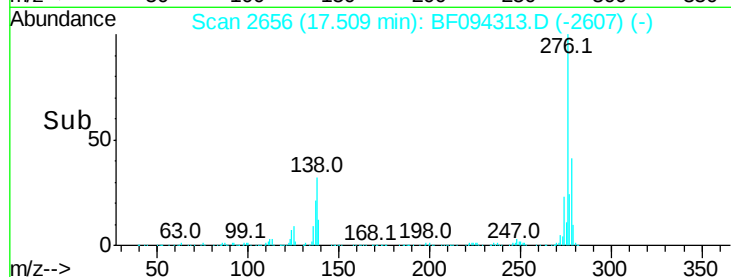
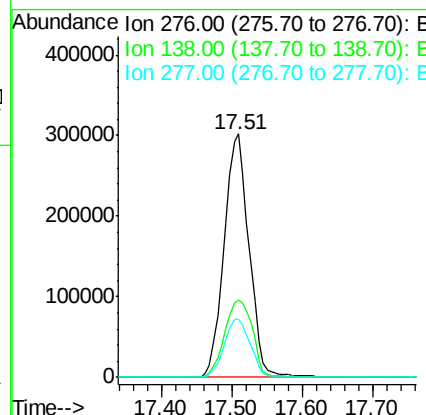
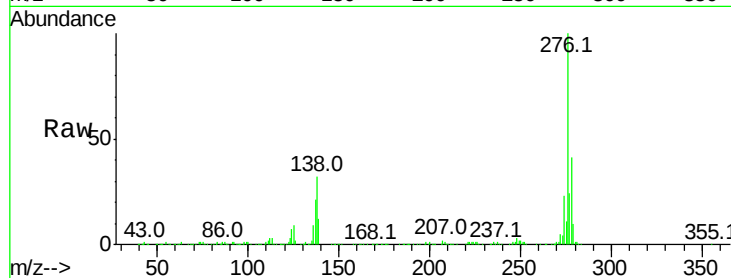




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.52 ng
 RT: 17.51 min Scan# 2656
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

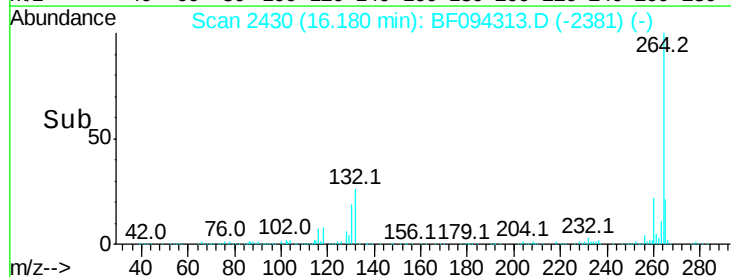
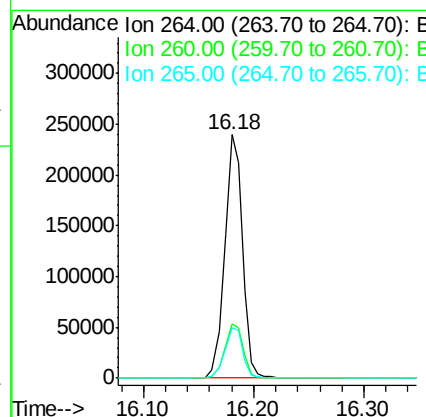
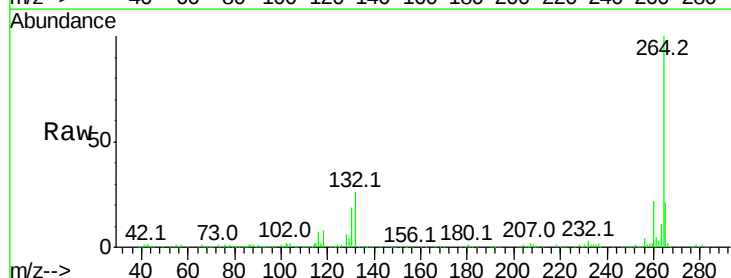
Instrument :
 BNA_F
 ClientSampleId :

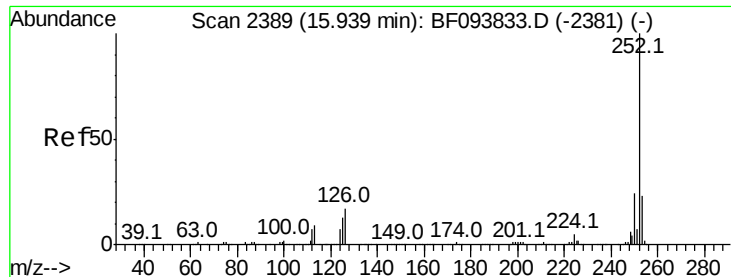
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.5	27.8	41.6
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.09 ng

RT: 15.78 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

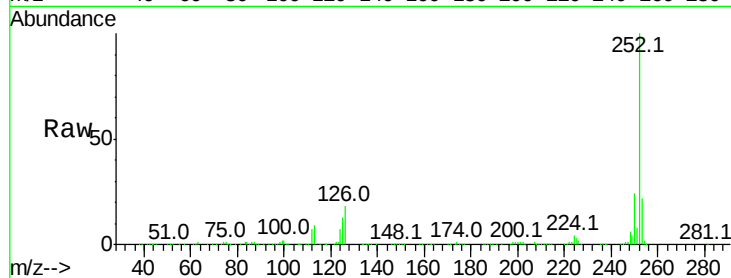
Tot Ion:252 Resp: 777924

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

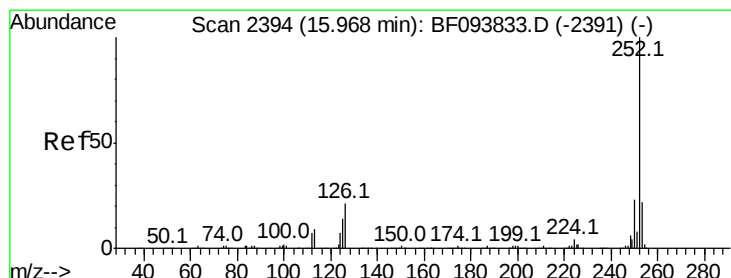
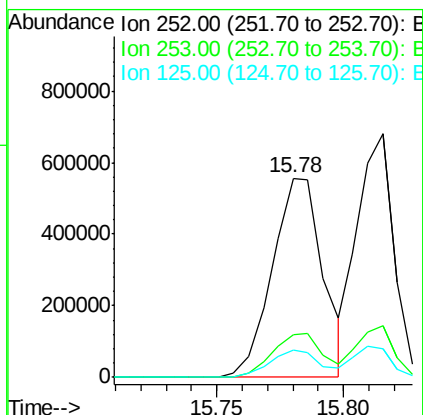
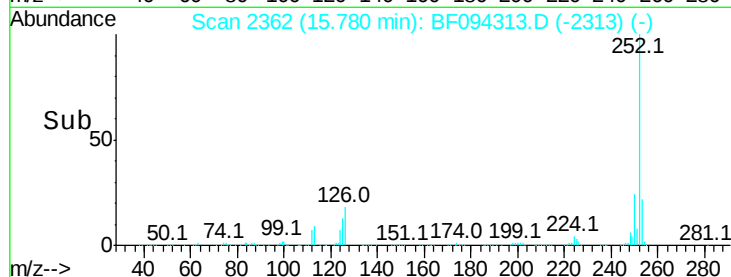
125 13.5 9.8 14.8



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: 48.13 ng

RT: 15.78 min Scan# 2362

Delta R.T. -0.05 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

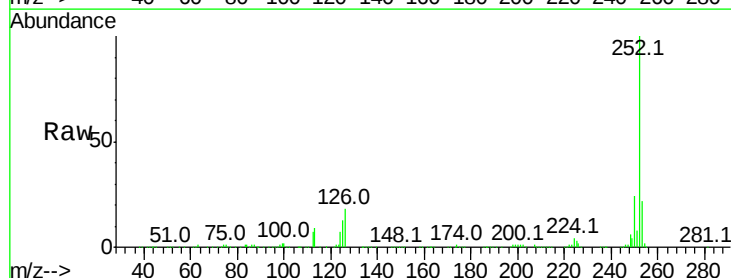
Tgt Ion:252 Resp: 777924

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

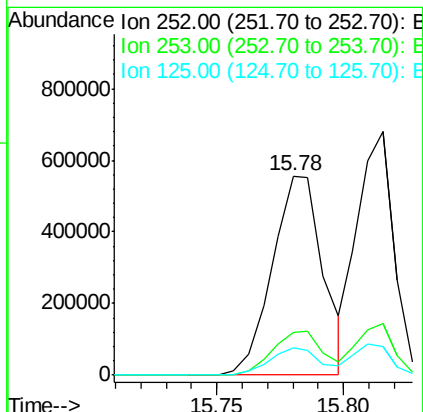
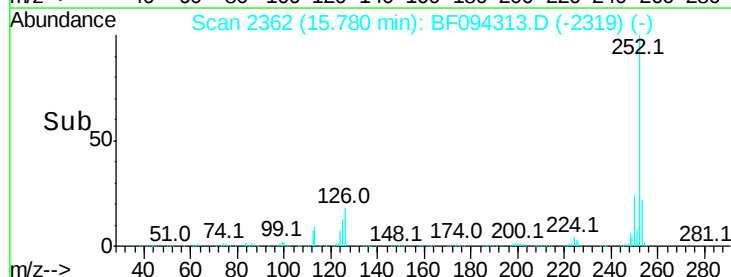
125 13.5 13.1 19.7

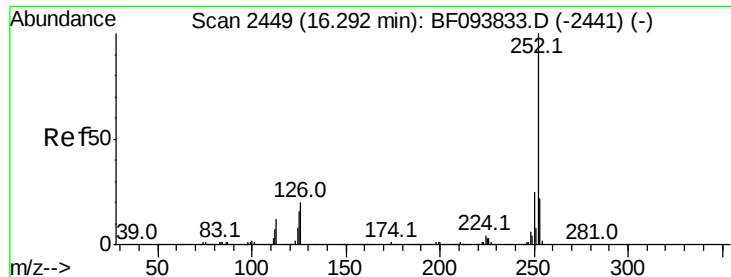


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

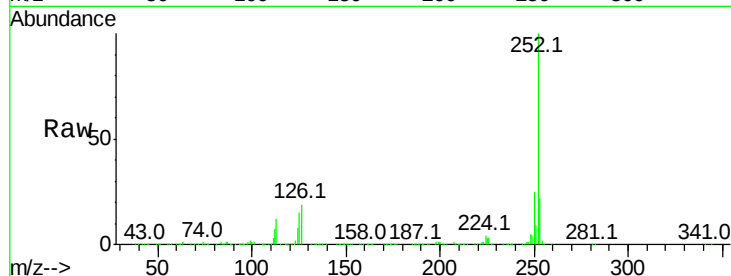




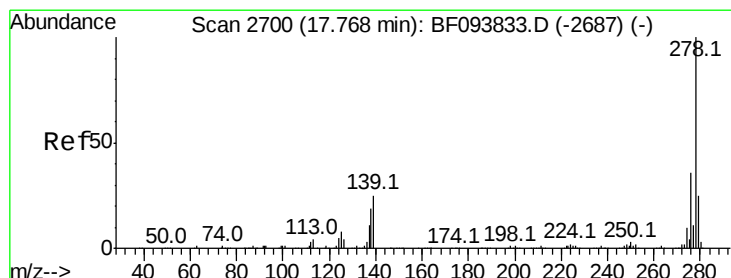
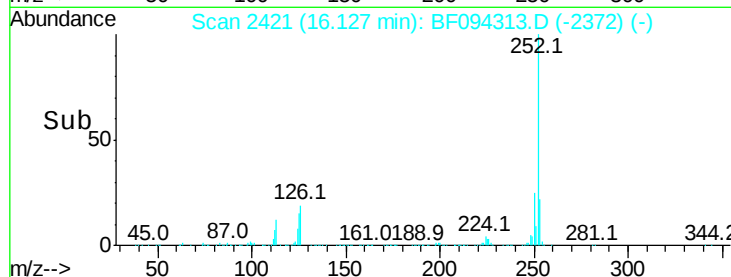
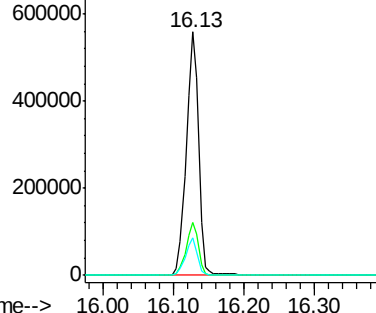
#89
Benzo(a)pyrene
Concen: 44.90 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.4	11.0	16.4

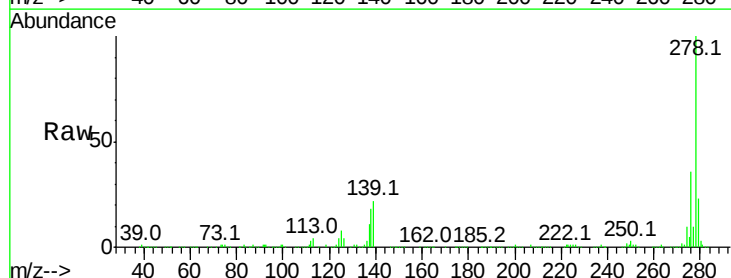


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

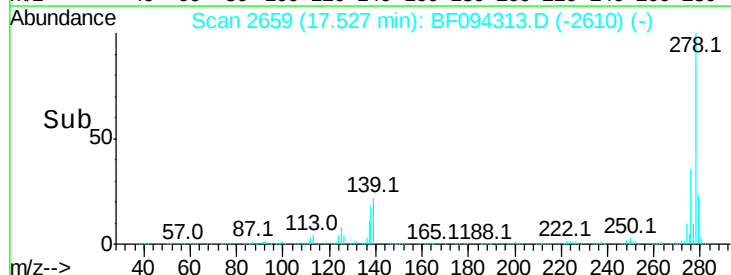
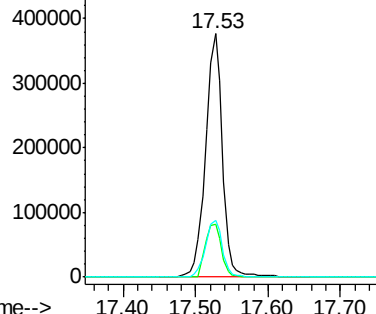


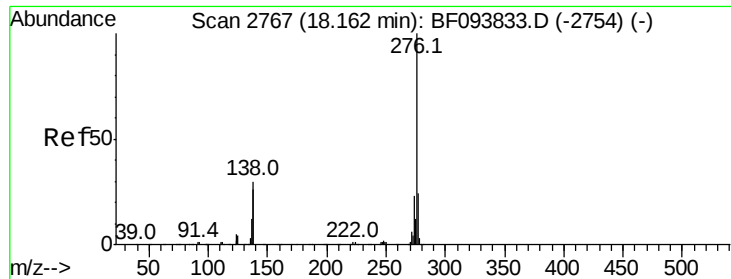
#90
Dibenzo(a,h)anthracene
Concen: 47.40 ng
RT: 17.53 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.6	24.8
279	23.1	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

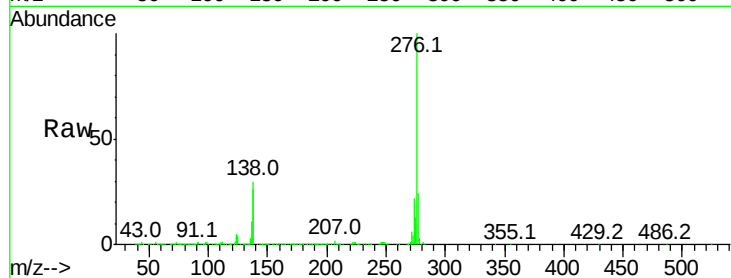




#91
 Benzo(a,h,i)perylene
 Concen: 48.73 ng
 RT: 17.90 min Scan# 2722
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	30.3	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

