

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094668.D
 Acq On : 27 Apr 2017 17:25
 Operator : SJ/MA
 Sample : PB98520BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 02:19:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	113606	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	468162	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	221190	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	397266	20.00	ng	0.00
75) Chrysene-d12	14.48	240	313337	20.00	ng	0.00
86) Perylene-d12	16.10	264	223577	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	855362	124.91	ng	0.03
7) Phenol-d6	5.41	99	1032842	127.94	ng	0.01
23) Nitrobenzene-d5	6.42	82	648157	85.49	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	233084	134.72	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1235957	82.21	ng	0.00
78) Terphenyl-d14	13.20	244	1109065	94.61	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	103435	25.97	ng	99
3) Pyridine	2.70	79	294635	33.85	ng	97
4) n-Nitrosodimethylamine	2.64	42	136397	37.87	ng	88
6) Aniline	5.41	93	325927	30.38	ng	# 45
8) 2-Chlorophenol	5.55	128	327782	42.07	ng	97
9) Benzaldehyde	5.28	77	82149	13.38	ng	96
10) Phenol	5.42	94	396625	39.99	ng	100
11) bis(2-Chloroethyl)ether	5.49	93	293165	40.47	ng	96
12) 1,3-Dichlorobenzene	5.71	146	347133	40.21	ng	98
13) 1,4-Dichlorobenzene	5.80	146	351665	40.49	ng	96
14) 1,2-Dichlorobenzene	5.97	146	328033	41.00	ng	95
15) Benzyl Alcohol	5.95	79	251016	41.92	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	393198	41.40	ng	86
17) 2-Methylphenol	6.10	107	259355	42.26	ng	95
18) Hexachloroethane	6.35	117	120273	40.39	ng	# 87
19) n-Nitroso-di-n-propylamine	6.27	70	223010	41.69	ng	95
20) 3+4-Methylphenols	6.28	107	366931	44.00	ng	# 63
22) Acetophenone	6.25	105	454939	39.97	ng	# 85
24) Nitrobenzene	6.45	77	322706	40.42	ng	95
25) Isophorone	6.74	82	589733	41.96	ng	# 94
26) 2-Nitrophenol	6.82	139	184221	42.95	ng	96
27) 2,4-Dimethylphenol	6.90	122	292947	42.04	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	382888	42.12	ng	99
29) 2,4-Dichlorophenol	7.12	162	281234	43.39	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	273280	40.78	ng	98
31) Naphthalene	7.30	128	920657	40.91	ng	99
32) Benzoic acid	7.08	122	144848	39.31	ng	95
33) 4-Chloroaniline	7.37	127	104361	11.15	ng	# 93
34) Hexachlorobutadiene	7.45	225	137704	41.22	ng	98
35) Caprolactam	7.84	113	46733	22.95	ng	91
36) 4-Chloro-3-methylphenol	8.00	107	301290	44.36	ng	89
37) 2-Methylnaphthalene	8.13	142	649596	42.19	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	253122	40.19	ng	99
40) Hexachlorocyclopentadiene	8.32	237	216416	84.94	ng	98

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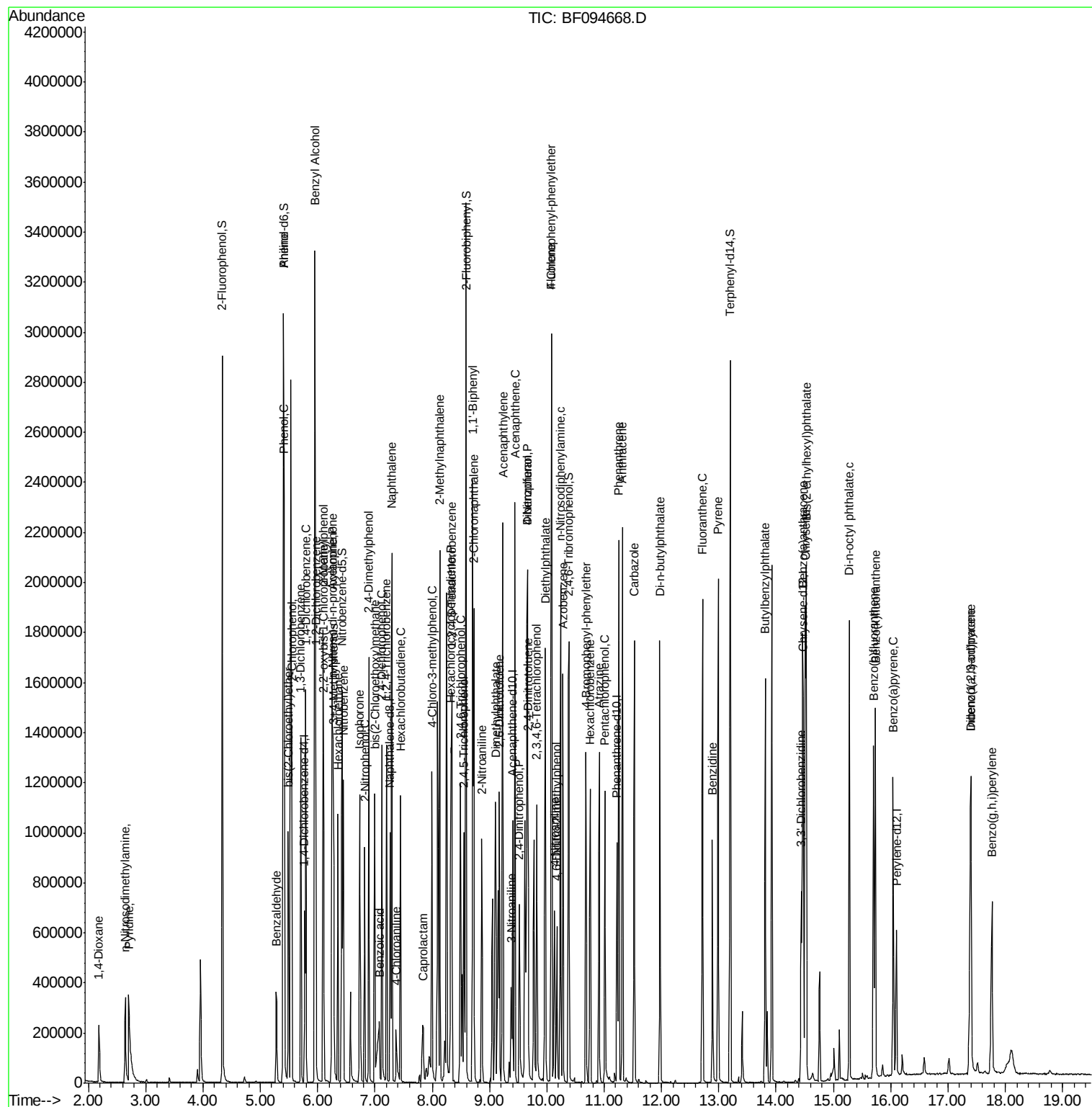
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	187897	42.48	nq	96
43) 2,4,5-Trichlorophenol	8.55	196	200094	44.05	nq	# 91
45) 1,1'-Biphenyl	8.71	154	747573	41.37	nq	98
46) 2-Chloronaphthalene	8.72	162	592354	41.22	nq	95
47) 2-Nitroaniline	8.87	65	168149	40.68	nq	# 84
48) Acenaphthylene	9.23	152	937181	41.84	nq	99
49) Dimethylphthalate	9.11	163	734351	44.55	nq	99
50) 2,6-Dinitrotoluene	9.17	165	162289	43.86	nq	92
51) Acenaphthene	9.44	154	564264	42.06	nq	99
52) 3-Nitroaniline	9.38	138	76987	17.98	nq	85
53) 2,4-Dinitrophenol	9.52	184	128211	65.02	nq	# 65
54) Dibenzofuran	9.66	168	835441	42.84	nq	99
55) 4-Nitrophenol	9.66	139	538586	178.09	nq	# 32
56) 2,4-Dinitrotoluene	9.67	165	215160	47.39	nq	# 88
57) Fluorene	10.08	166	639216	42.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	145059	44.55	nq	# 95
59) Diethylphthalate	9.97	149	684946	44.04	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	278199	44.02	nq	94
61) 4-Nitroaniline	10.14	138	149136	34.27	nq	95
62) Azobenzene	10.28	77	662809	43.89	nq	92
64) 4,6-Dinitro-2-methylphenol	10.18	198	95583	36.72	nq	# 69
65) n-Nitrosodiphenylamine	10.24	169	595432	43.10	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	174423	44.22	nq	97
67) Hexachlorobenzene	10.76	284	174409	43.87	nq	95
68) Atrazine	10.91	200	183592	44.42	nq	96
69) Pentachlorophenol	11.01	266	147381	93.37	nq	99
70) Phenanthrene	11.25	178	939292	41.99	nq	99
71) Anthracene	11.32	178	987438	42.67	nq	99
72) Carbazole	11.53	167	906785	41.75	nq	98
73) Di-n-butylphthalate	11.97	149	1110097	46.42	nq	99
74) Fluoranthene	12.72	202	969989	41.84	nq	98
76) Benzidine	12.89	184	405943	32.00	nq	# 93
77) Pyrene	12.99	202	976601	44.61	nq	99
79) Butylbenzylphthalate	13.81	149	471127	49.11	nq	91
80) Benzo(a)anthracene	14.47	228	774935	42.55	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	166452	25.82	nq	# 97
82) Chrysene	14.51	228	698989	42.00	nq	98
83) Bis(2-ethylhexyl)phthalate	14.52	149	649238	50.40	nq	# 99
84) Di-n-octyl phthalate	15.28	149	1057010	48.92	nq	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	576777	36.42	nq	99
87) Benzo(b)fluoranthene	15.70	252	596287	43.60	nq	99
88) Benzo(k)fluoranthene	15.73	252	594720	45.95	nq	# 96
89) Benzo(a)pyrene	16.05	252	547838	43.06	nq	99
90) Dibenzo(a,h)anthracene	17.40	278	479953	45.43	nq	98
91) Benzo(g,h,i)perylene	17.77	276	486489	45.23	nq	99

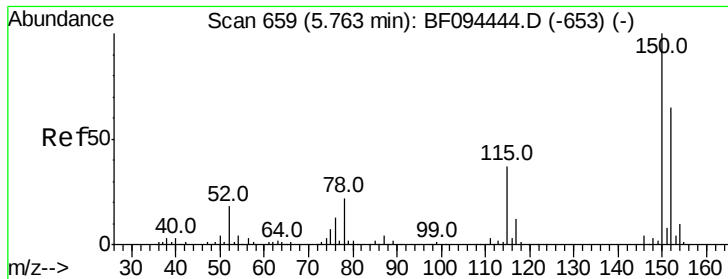
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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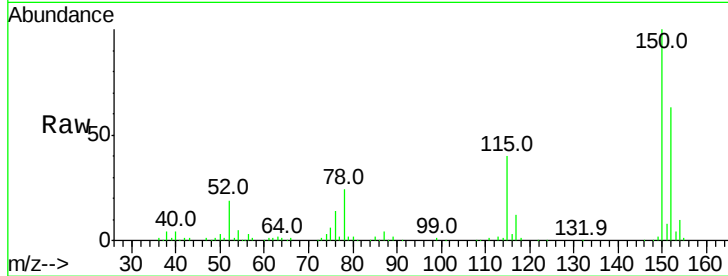


#1

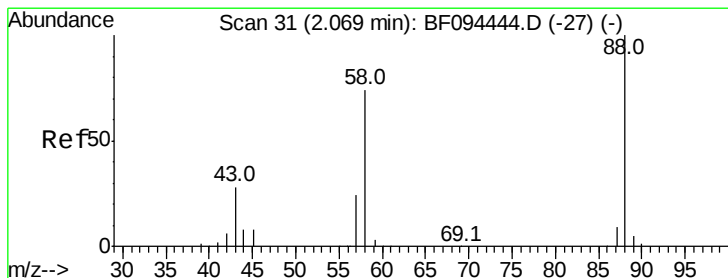
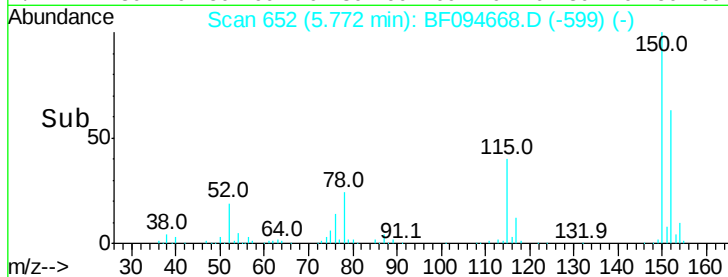
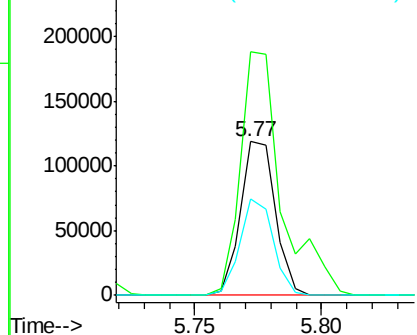
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113606
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 62.9 52.2 78.2



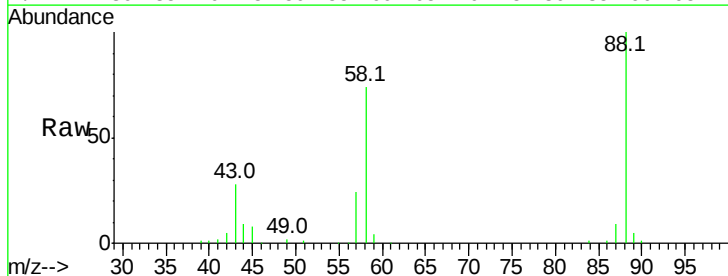
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



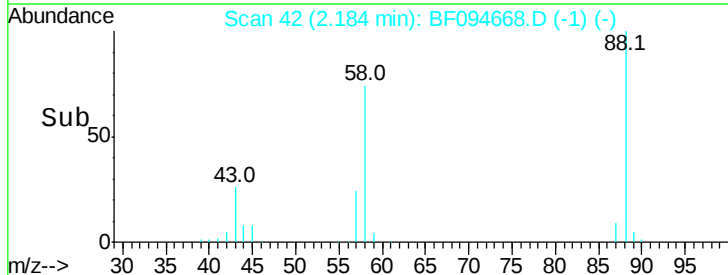
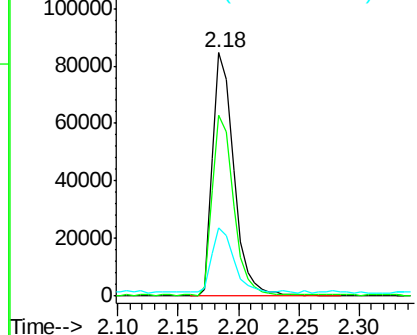
#2

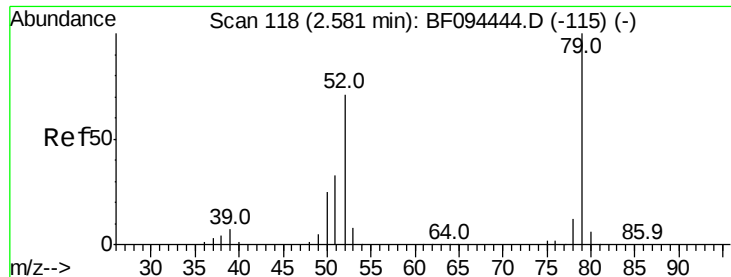
1,4-Dioxane
Concen: 25.97 ng
RT: 2.18 min Scan# 42
Delta R.T. 0.11 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Tgt Ion: 88 Resp: 103435
Ion Ratio Lower Upper
88 100
58 75.8 61.4 92.0
43 27.9 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: 33.85 ng

RT: 2.70 min Scan# 130

Delta R.T. 0.12 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :
BNA_F
ClientSampleId :

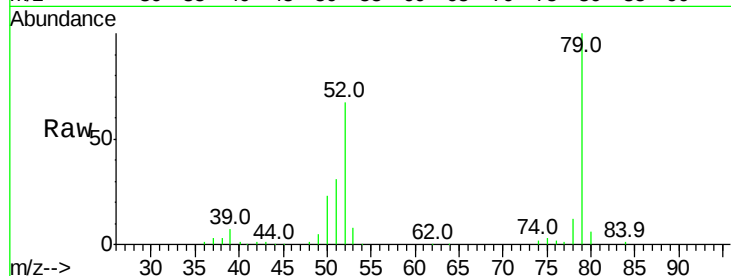
Tot Ion: 79 Resp: 294635

Ion Ratio Lower Upper

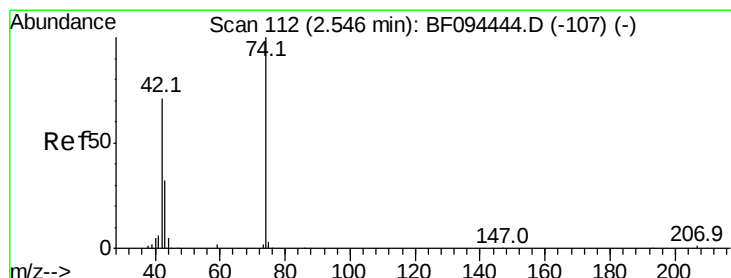
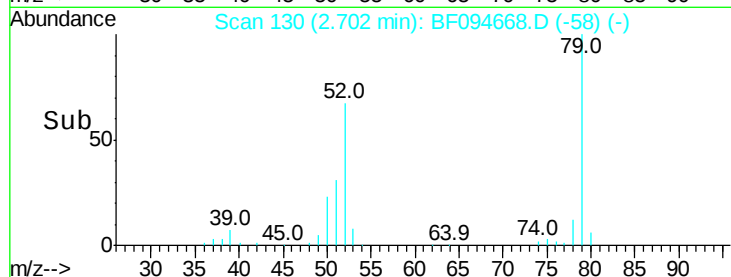
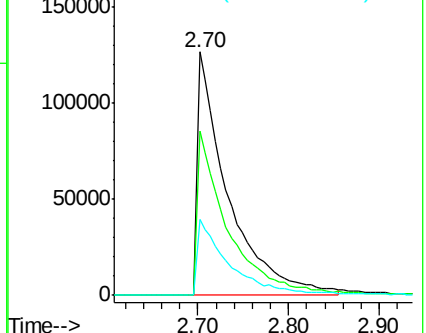
79 100

52 67.2 54.8 82.2

51 31.0 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: 37.87 ng

RT: 2.64 min Scan# 120

Delta R.T. 0.10 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

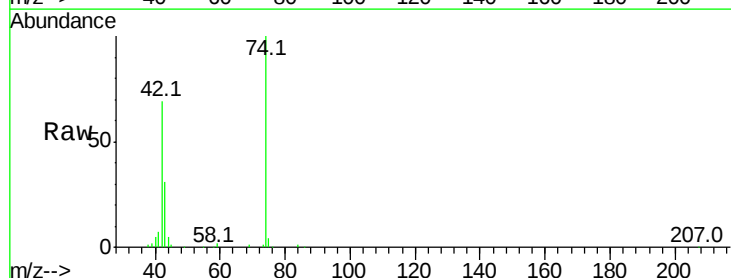
Tgt Ion: 42 Resp: 136397

Ion Ratio Lower Upper

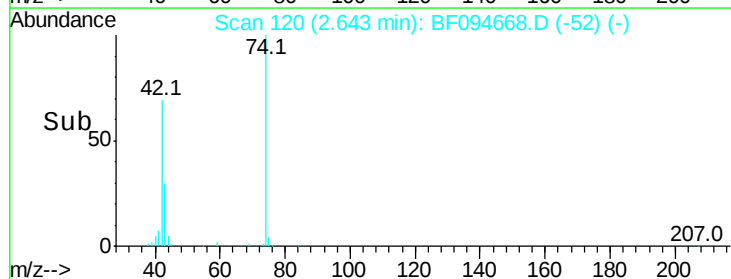
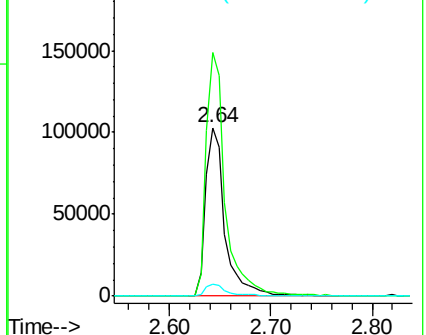
42 100

74 144.8 103.9 155.9

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: 124.91 ng

RT: 4.34 min Scan# 408

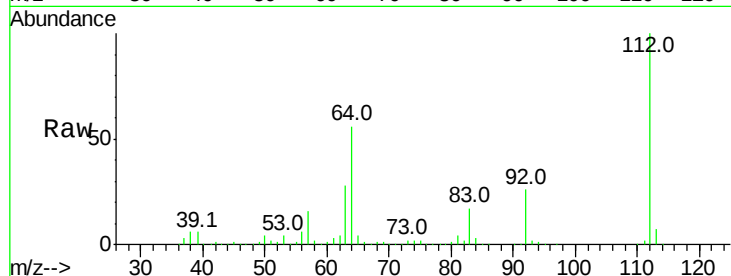
Delta R.T. 0.03 min

Lab File: BF094668.D

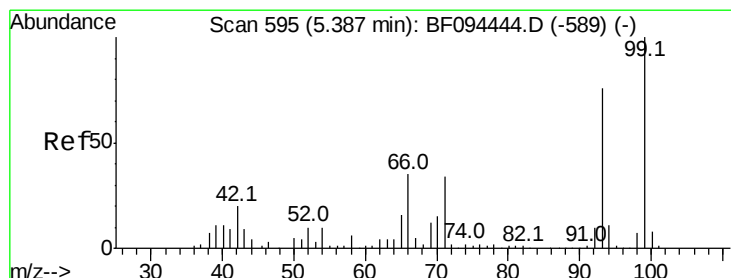
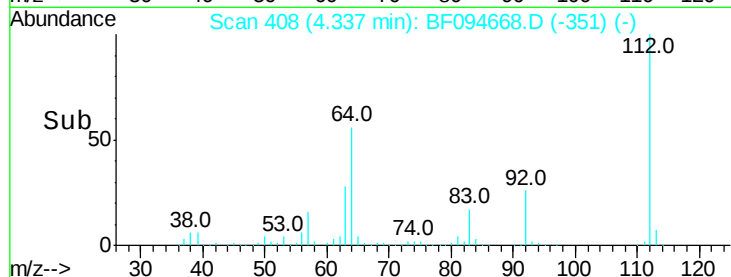
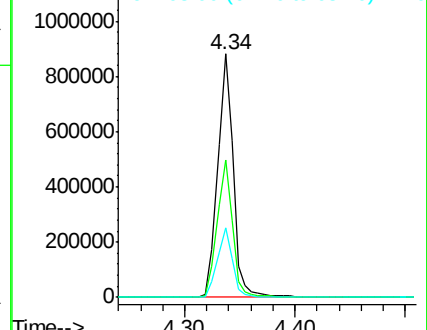
Acq: 27 Apr 2017 17:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	855362
Ion	Ratio	Lower	Upper
112	100		
64	56.2	46.0	69.0
63	28.4	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 30.38 ng

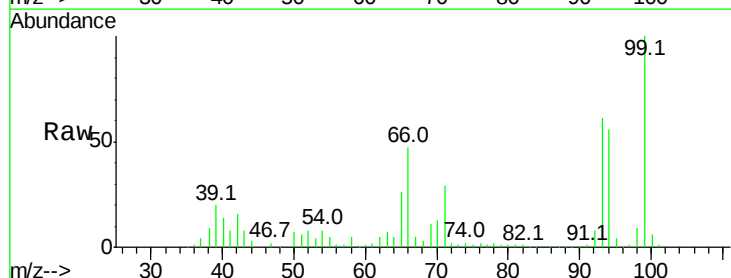
RT: 5.41 min Scan# 591

Delta R.T. 0.03 min

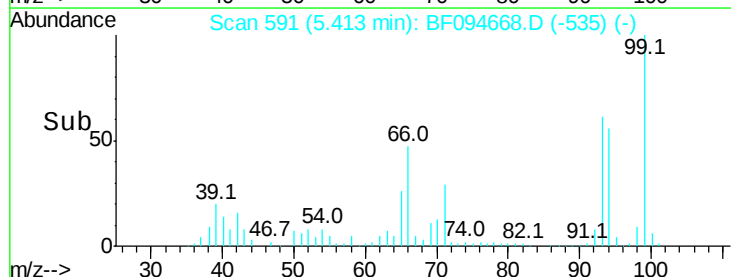
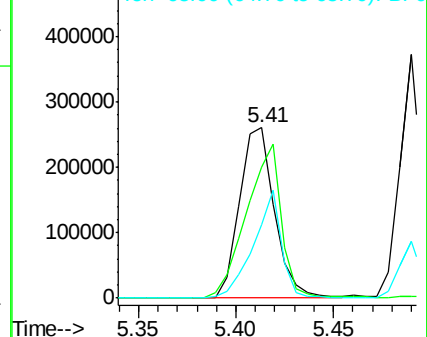
Lab File: BF094668.D

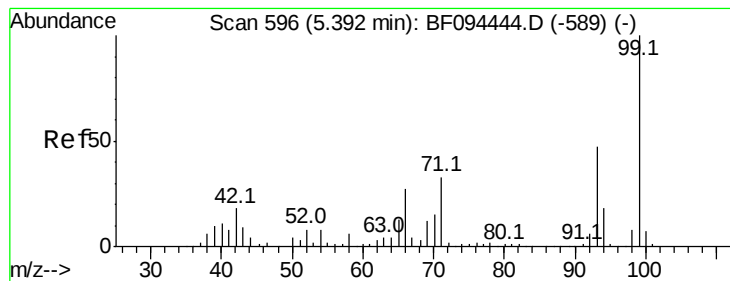
Acq: 27 Apr 2017 17:25

Tgt Ion:	93	Resp:	325927
Ion	Ratio	Lower	Upper
93	100		
66	76.7	32.9	49.3#
65	43.3	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 127.94 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampled :

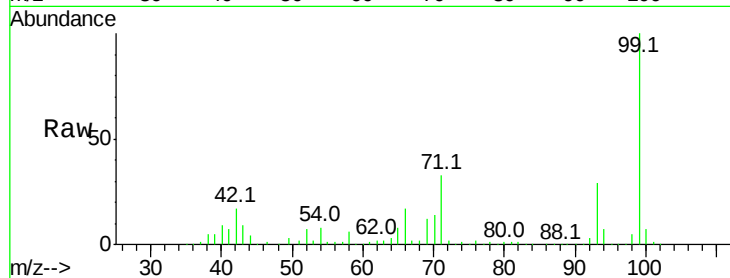
Tot Ion: 99 Resp: 1032842

Ion Ratio Lower Upper

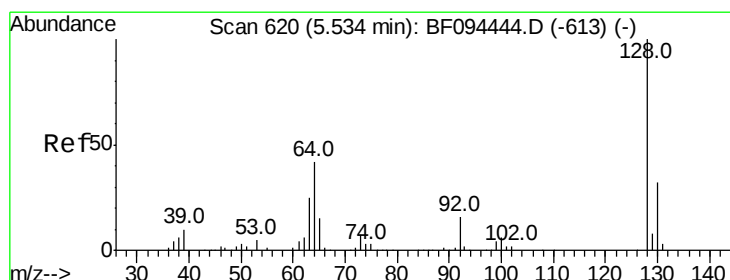
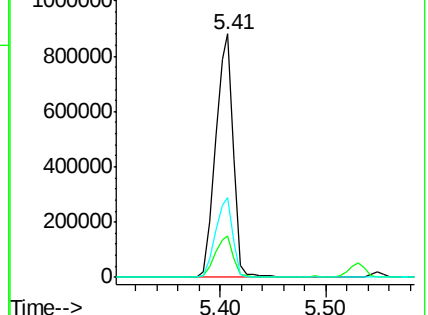
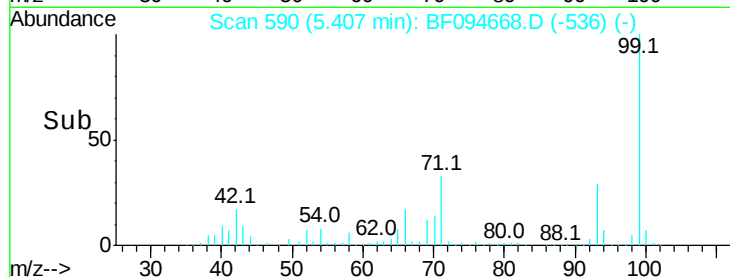
99 100

42 17.2 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: 42.07 ng

RT: 5.55 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

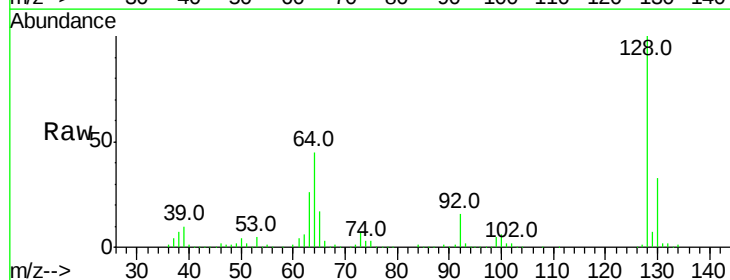
Tgt Ion:128 Resp: 327782

Ion Ratio Lower Upper

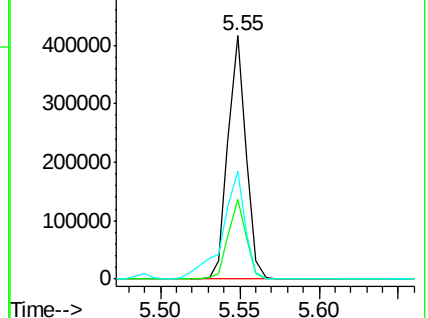
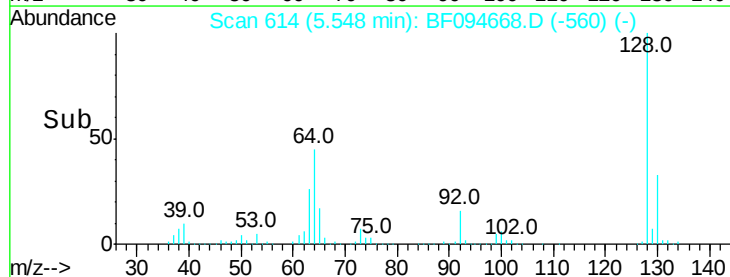
128 100

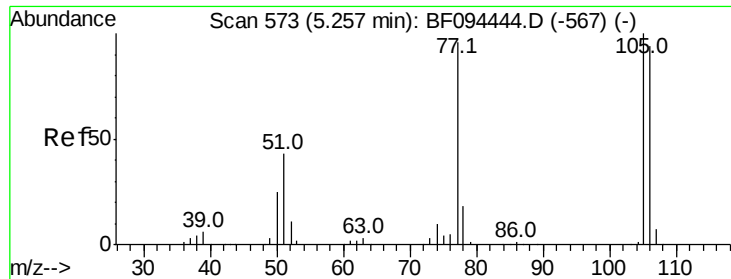
130 32.9 12.9 52.9

64 44.5 28.4 68.4



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





#9

Benzaldehyde

Concen: 13.38 ng

RT: 5.28 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampled :

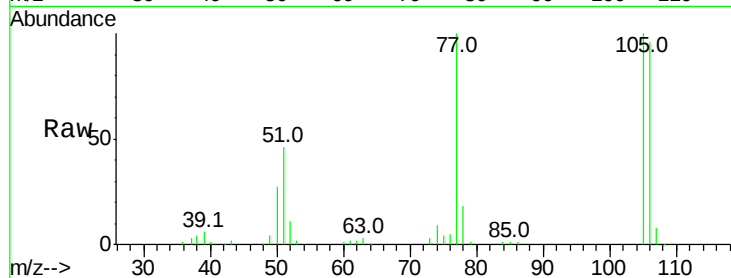
Tot Ion: 77 Resp: 82149

Ion Ratio Lower Upper

77 100

105 99.8 83.8 123.8

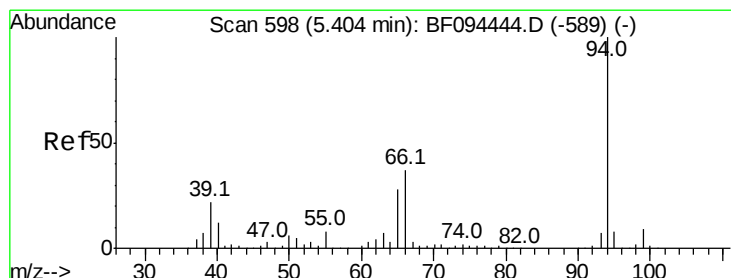
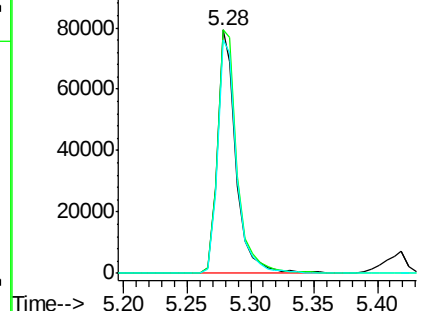
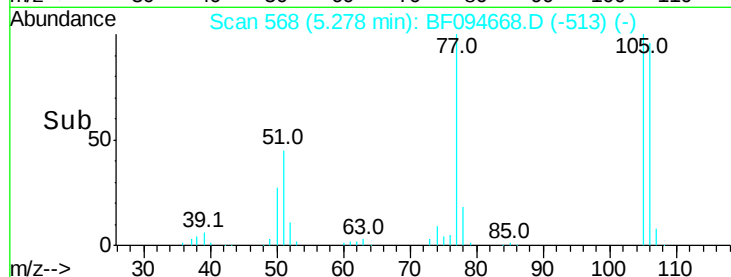
106 95.9 79.1 119.1



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: 39.99 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

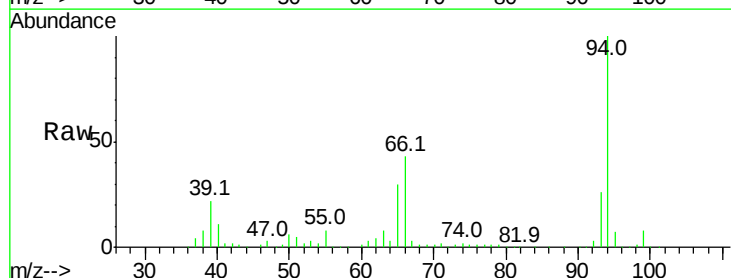
Tgt Ion: 94 Resp: 396625

Ion Ratio Lower Upper

94 100

65 30.1 9.9 49.9

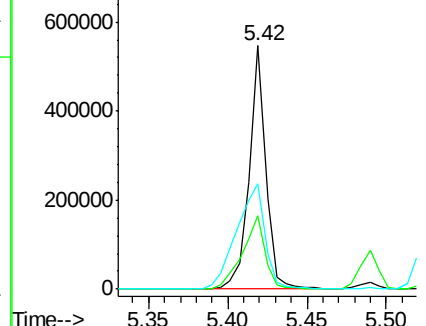
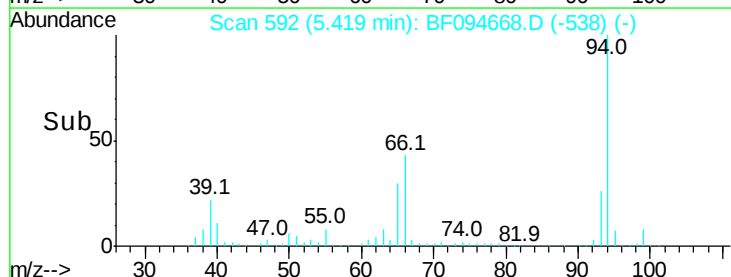
66 43.3 23.1 63.1



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: 40.47 ng

RT: 5.49 min Scan# 604

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampleId :

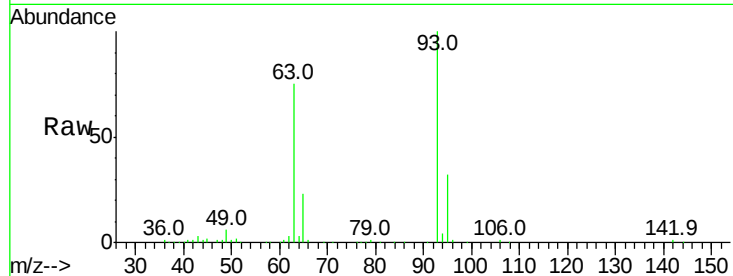
Tot Ion: 93 Resp: 293165

Ion Ratio Lower Upper

93 100

63 74.8 59.2 99.2

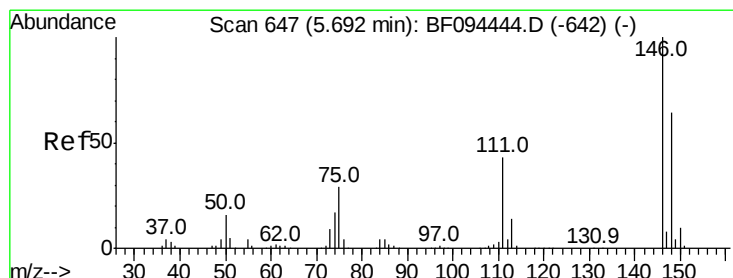
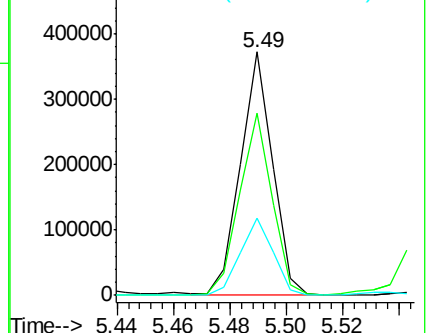
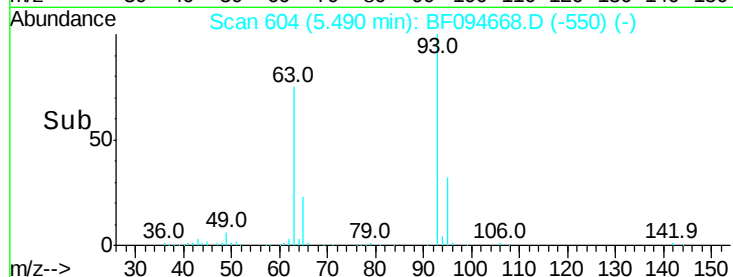
95 31.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.21 ng

RT: 5.71 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

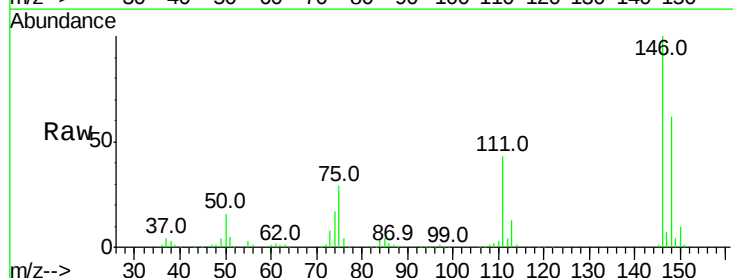
Tgt Ion: 146 Resp: 347133

Ion Ratio Lower Upper

146 100

148 62.4 51.8 77.6

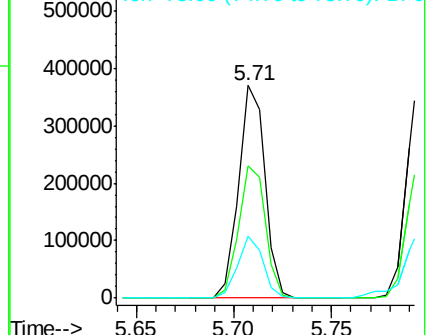
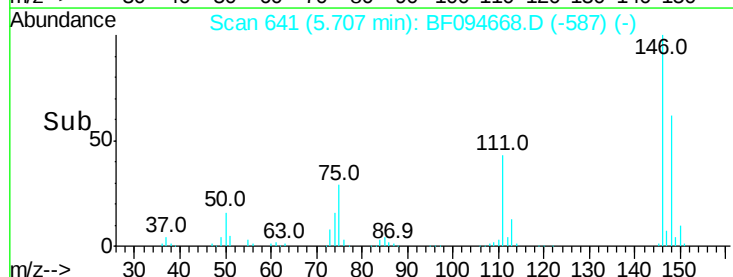
75 28.9 23.1 34.7

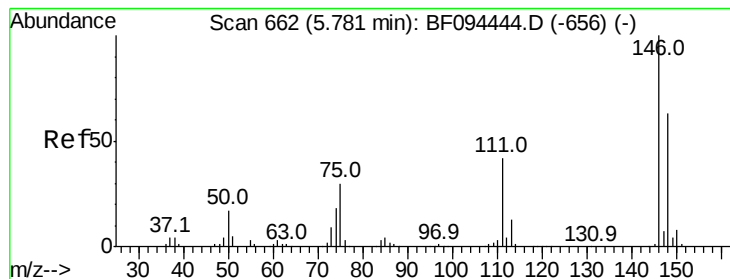


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.49 ng

RT: 5.80 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampled :

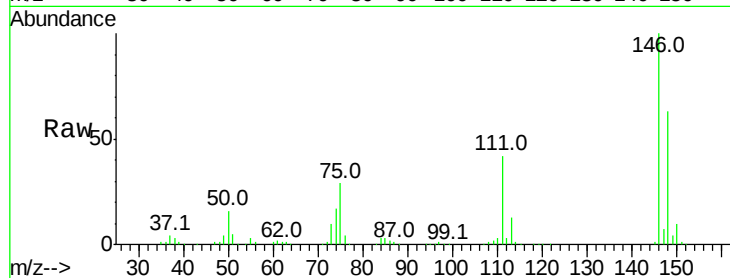
Tot Ion:146 Resp: 351665

Ion Ratio Lower Upper

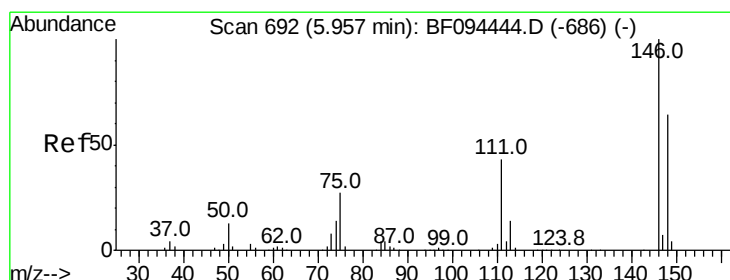
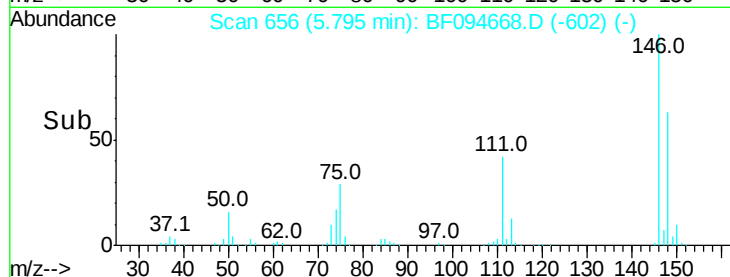
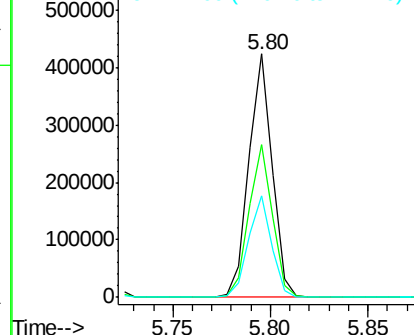
146 100

148 62.5 52.2 78.2

111 41.7 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 41.00 ng

RT: 5.97 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

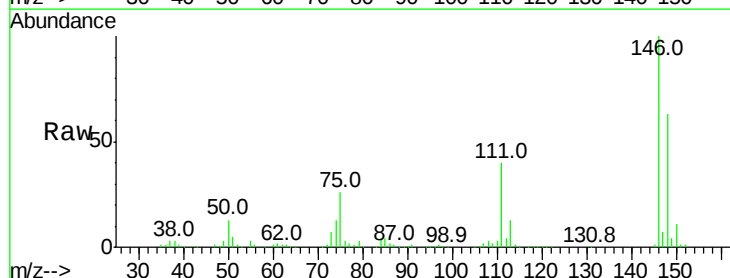
Tgt Ion:146 Resp: 328033

Ion Ratio Lower Upper

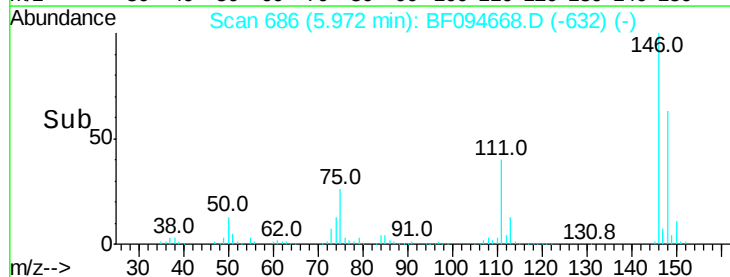
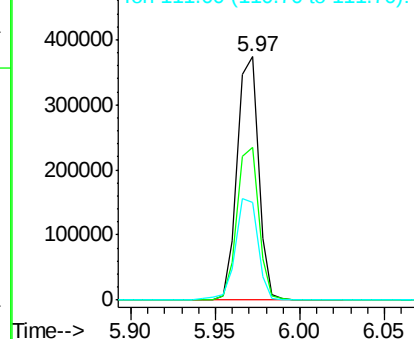
146 100

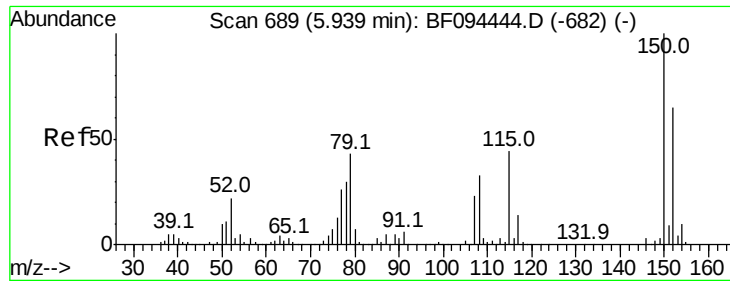
148 62.9 50.4 75.6

111 40.1 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 41.92 ng

RT: 5.95 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :
BNA_F
ClientSampleId :

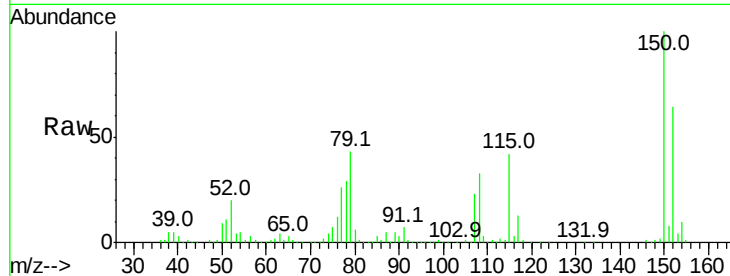
Tot Ion: 79 Resp: 251016

Ion Ratio Lower Upper

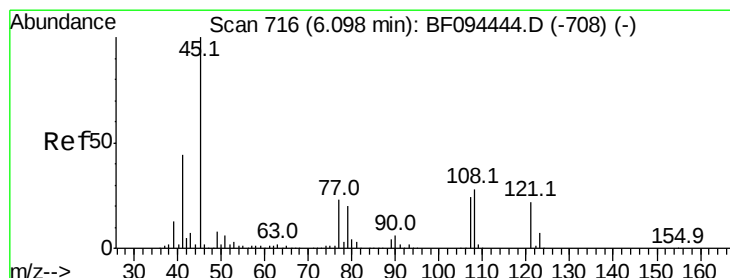
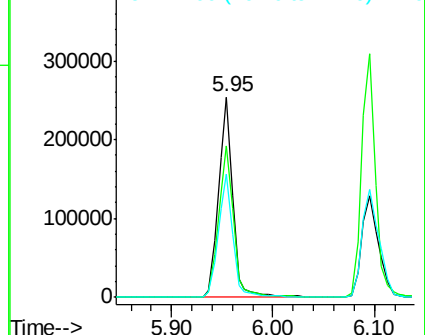
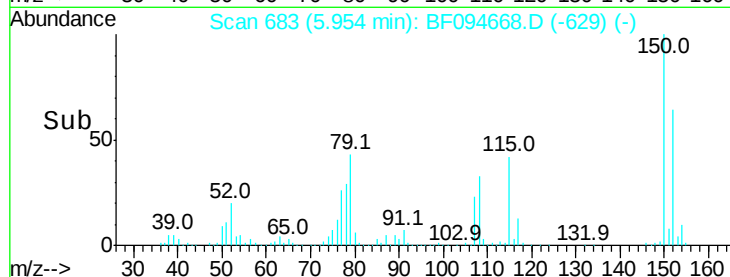
79 100

108 76.0 63.4 95.0

77 61.4 49.2 73.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.40 ng

RT: 6.11 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

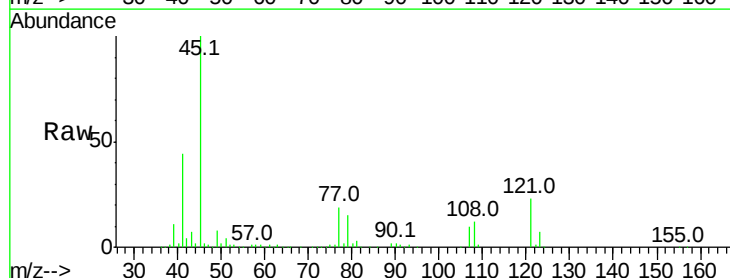
Tgt Ion: 45 Resp: 393198

Ion Ratio Lower Upper

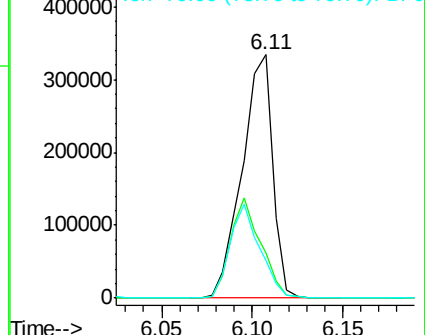
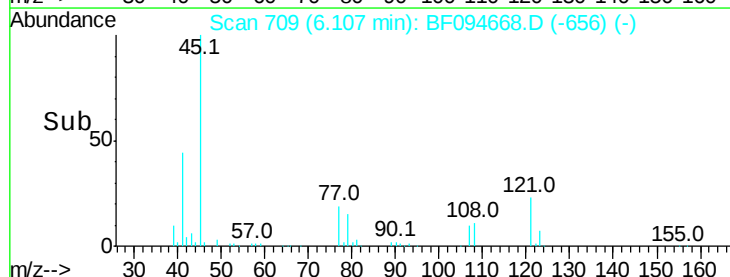
45 100

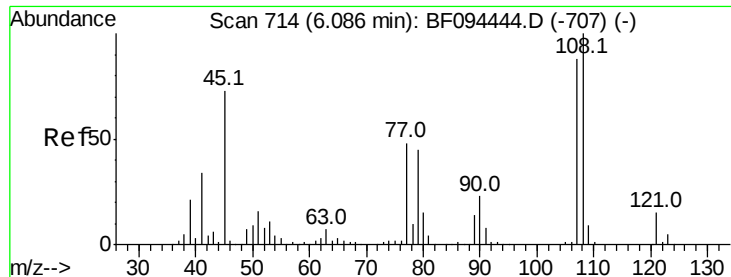
77 18.8 0.0 33.2

79 15.3 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

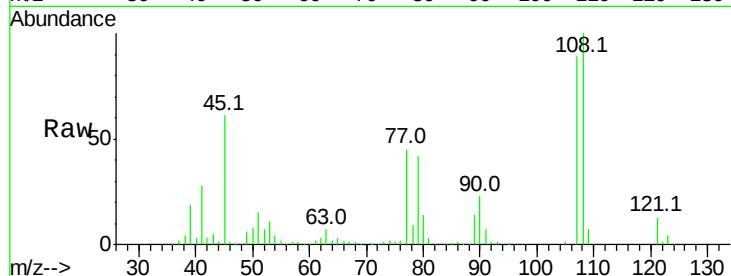




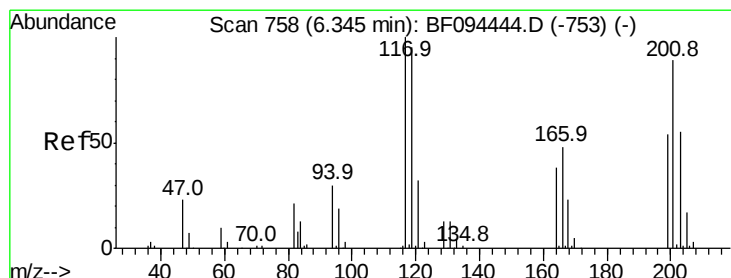
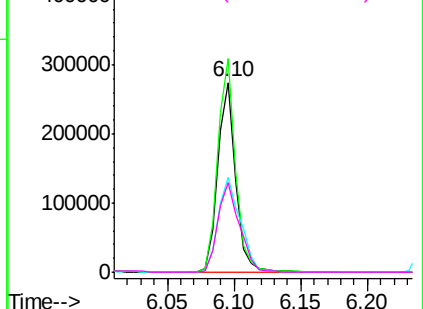
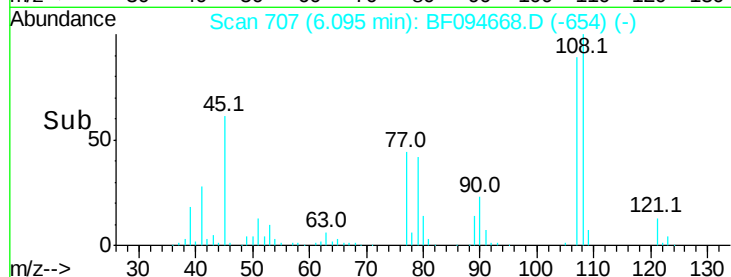
#17
2-Methylphenol
Concen: 42.26 ng
RT: 6.10 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	93.4	140.0
77	50.1	35.8	53.6
79	47.0	34.8	52.2

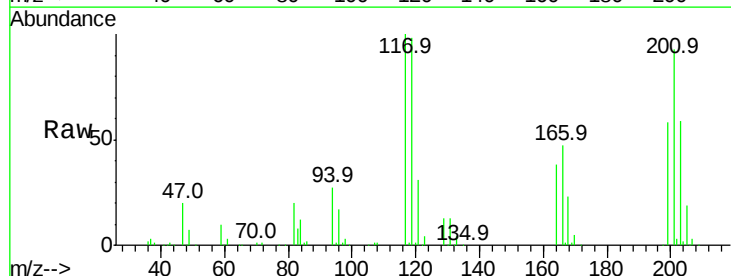


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

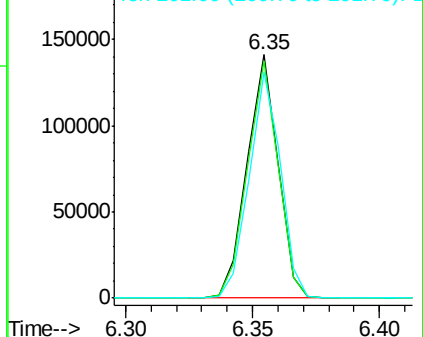
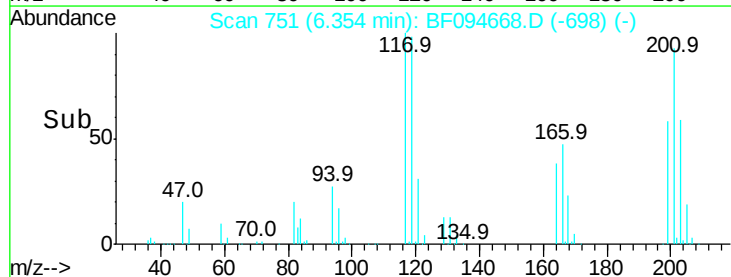


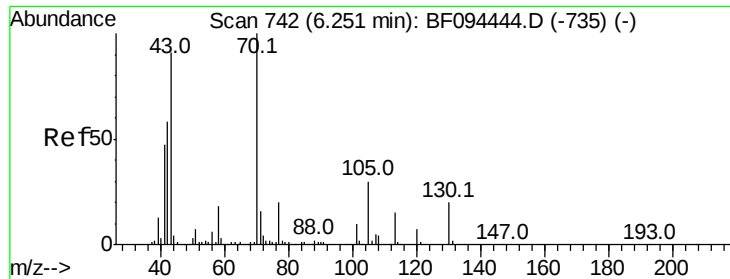
#18
Hexachloroethane
Concen: 40.39 ng
RT: 6.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.4	116.0
201	92.5	94.6	141.8#



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

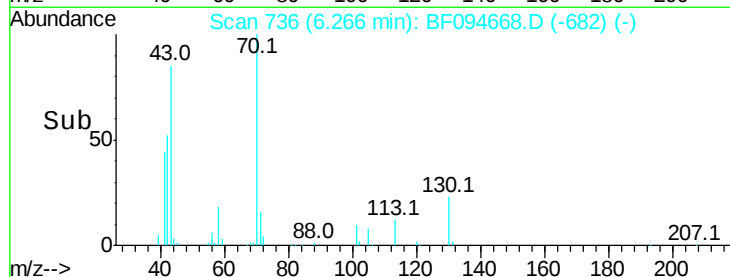
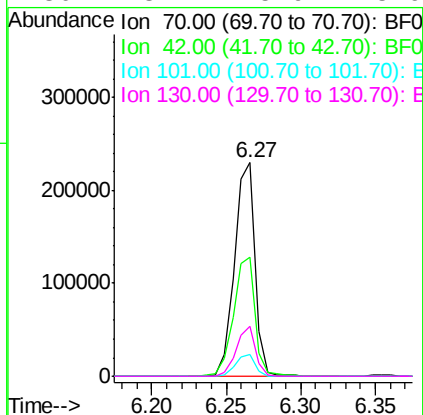
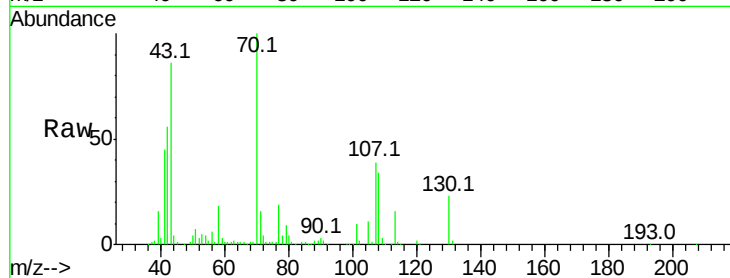




#19
n-Nitroso-di-n-propylamine
Concen: 41.69 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

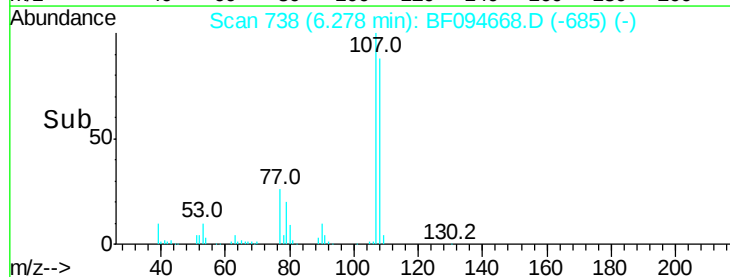
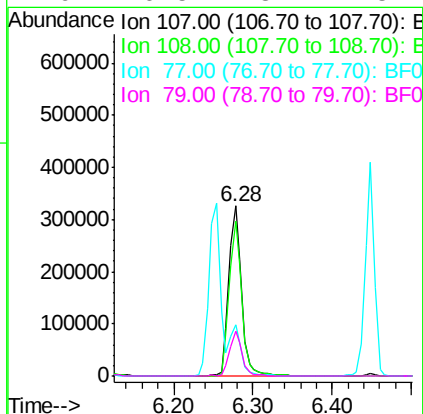
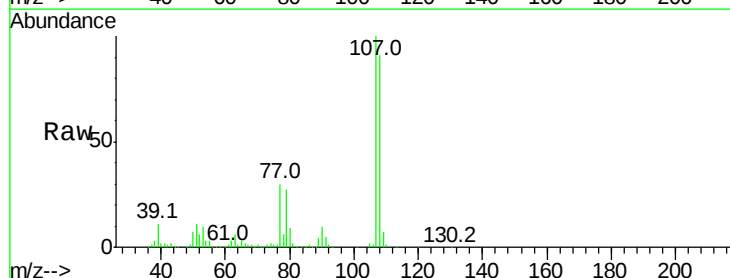
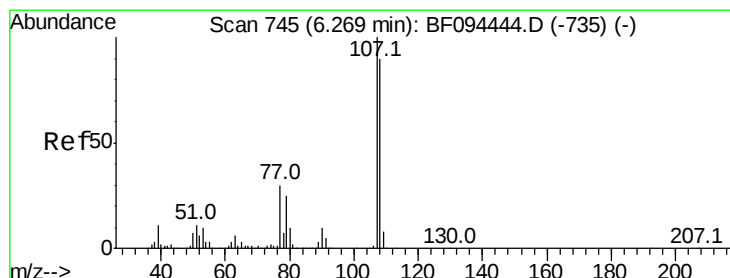
Instrument :
BNA_F
ClientSampleId :

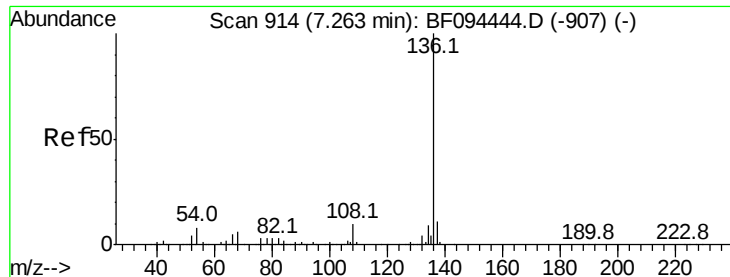
Tot Ion: 70 Resp: 223010
Ion Ratio Lower Upper
70 100
42 55.5 47.2 70.8
101 10.2 7.2 10.8
130 23.4 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.00 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Tgt Ion:107 Resp: 366931
Ion Ratio Lower Upper
107 100
108 91.1 71.0 111.0
77 29.9 90.5 130.5#
79 26.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

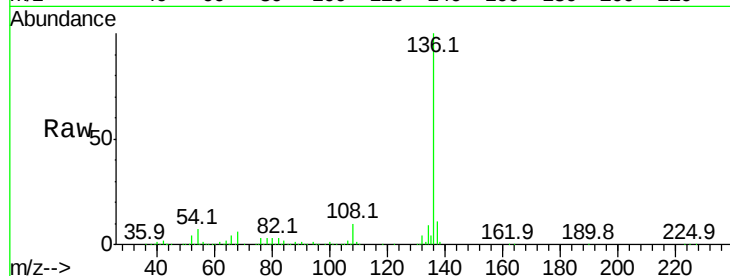
Delta R.T. 0.00 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	468162
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.5 12.7
54	7.5	4.9 7.3#
68	5.8	4.1 6.1

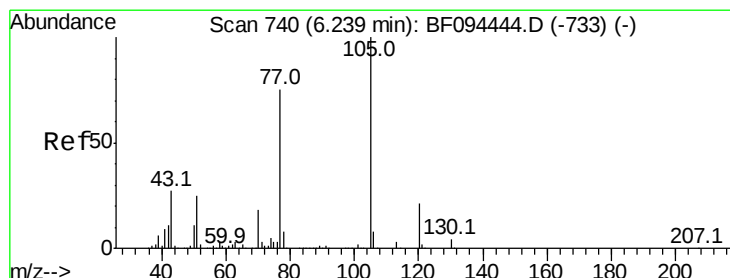
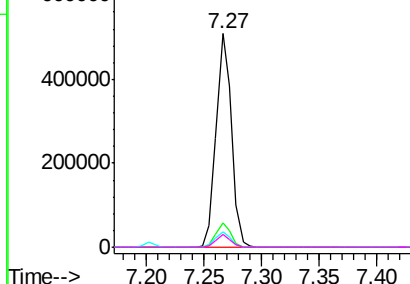
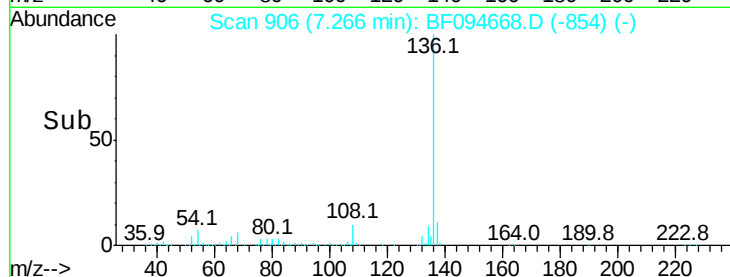


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.97 ng

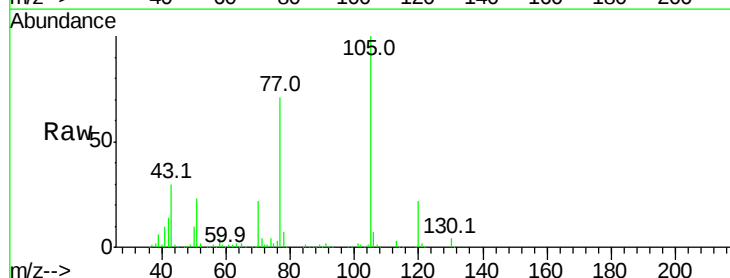
RT: 6.25 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Tgt Ion:105	Resp:	454939
Ion Ratio	Lower	Upper
105	100	
71	3.5	2.8 4.2
51	23.4	30.7 46.1#
120	21.7	17.4 26.0

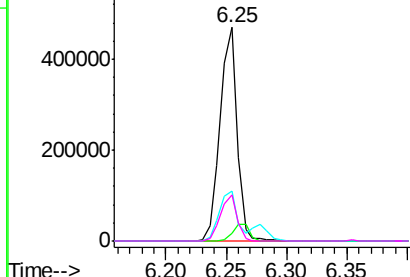
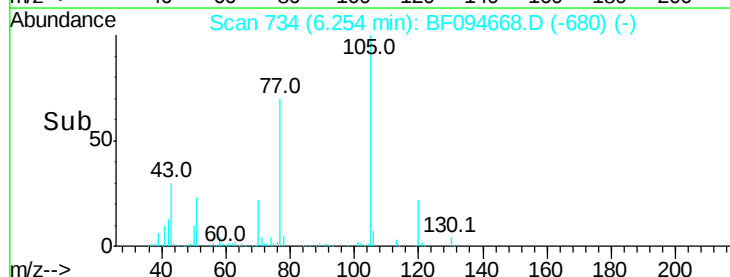


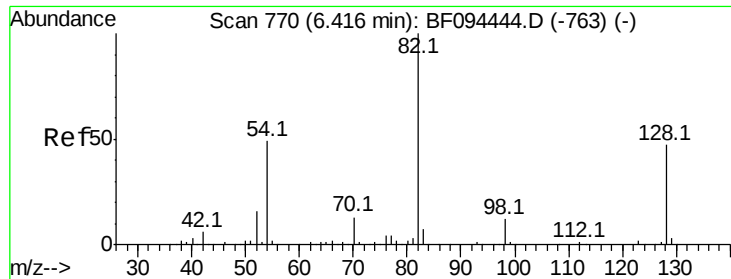
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

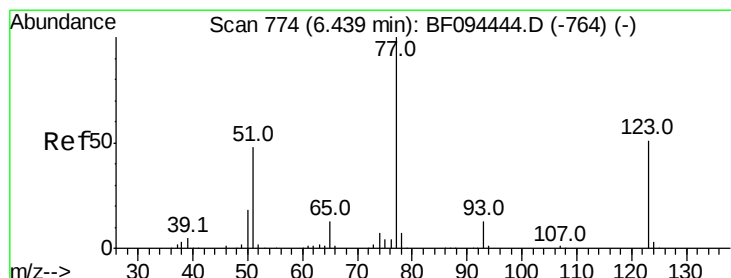
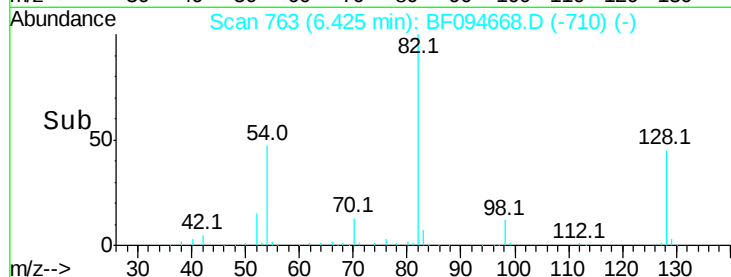
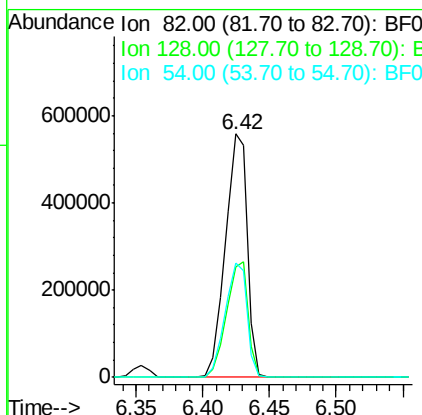
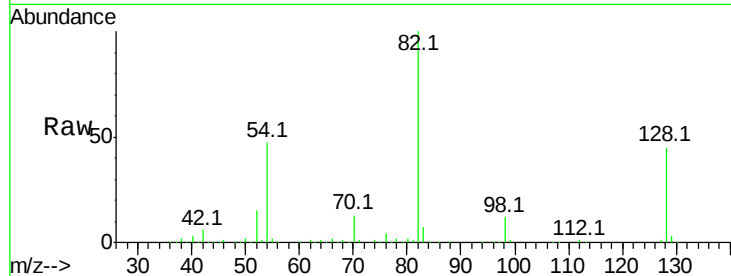




#23
 Nitrobenzene-d5
 Concen: 85.49 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

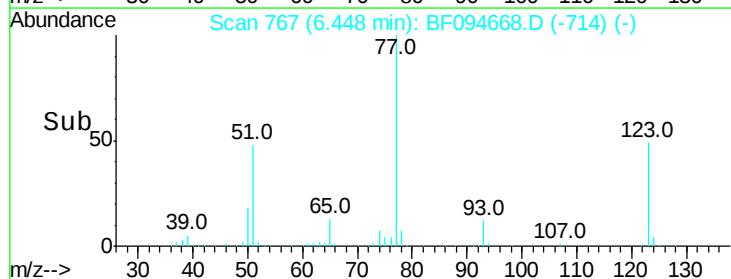
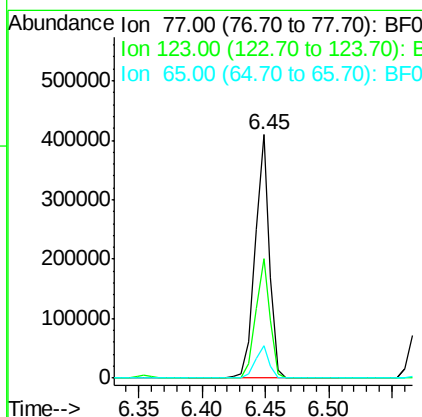
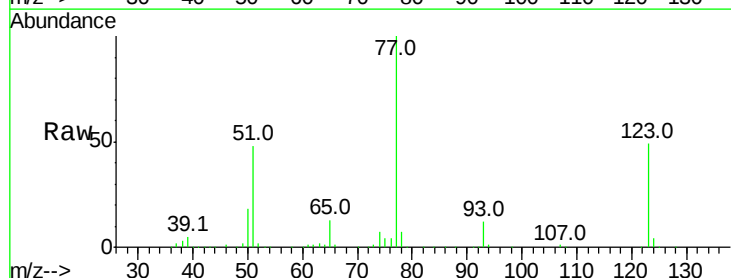
Instrument :
 BNA_F
 ClientSampleId :

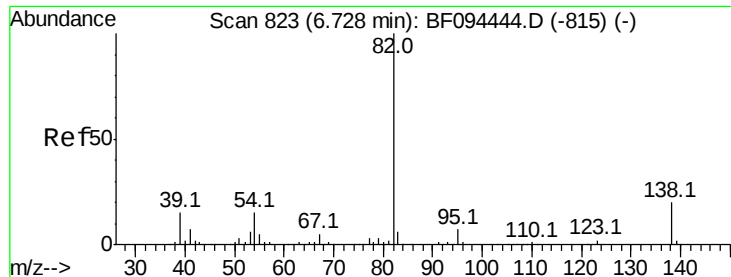
Tot Ion	82	Resp	648157
Ion Ratio	100	Lower	Upper
128	45.3	34.0	51.0
54	47.0	42.2	63.2



#24
 Nitrobenzene
 Concen: 40.42 ng
 RT: 6.45 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Tgt Ion	77	Resp	322706
Ion Ratio	100	Lower	Upper
123	48.9	35.8	53.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 41.96 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampleId :

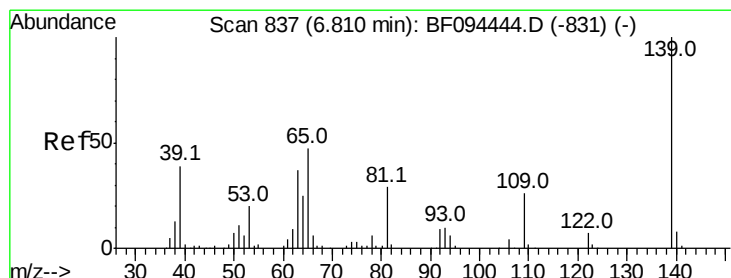
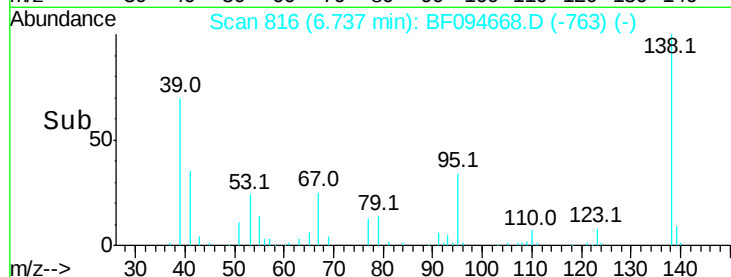
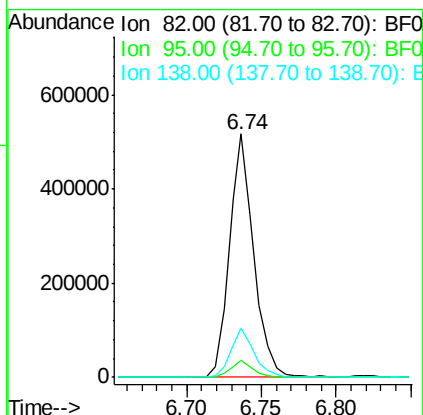
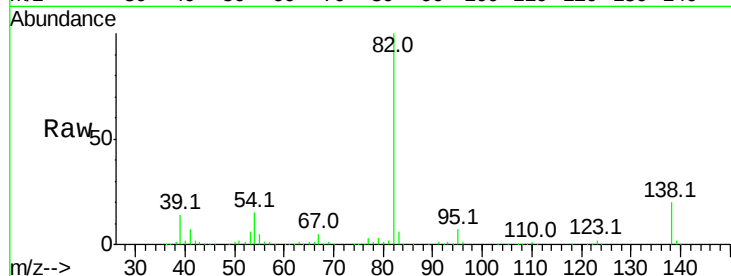
Tot Ion: 82 Resp: 589733

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 20.1 13.1 19.7#



#26

2-Nitrophenol

Concen: 42.95 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

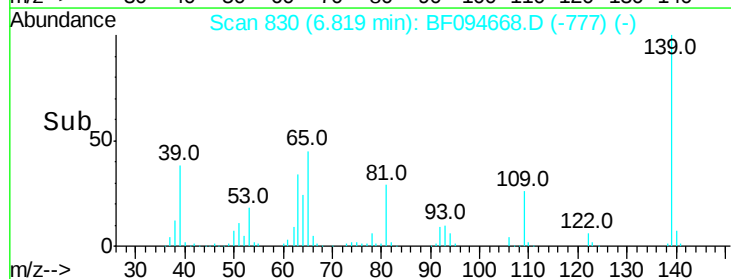
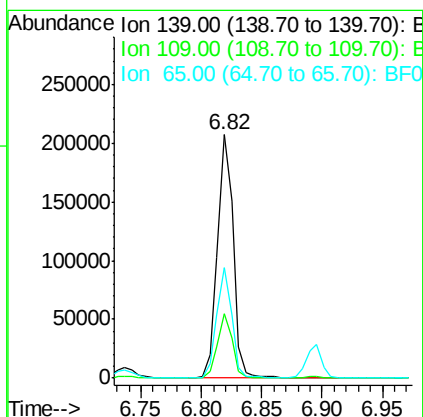
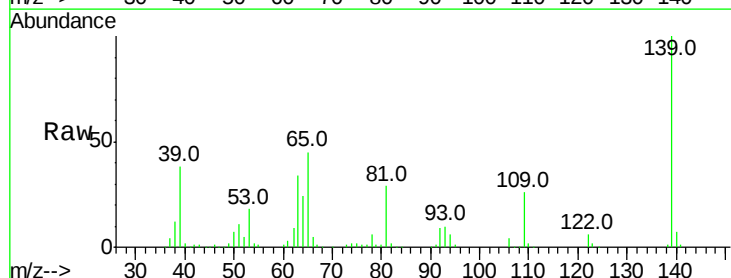
Tgt Ion:139 Resp: 184221

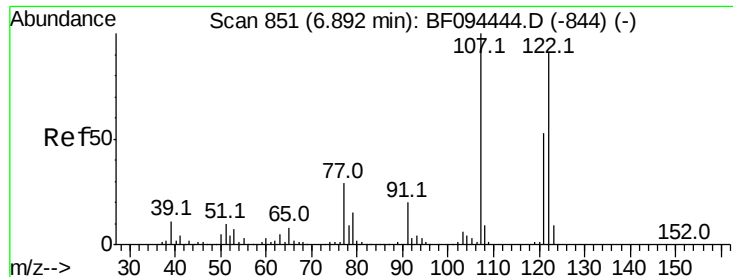
Ion Ratio Lower Upper

139 100

109 26.2 21.0 31.6

65 45.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 42.04 ng

RT: 6.90 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampled :

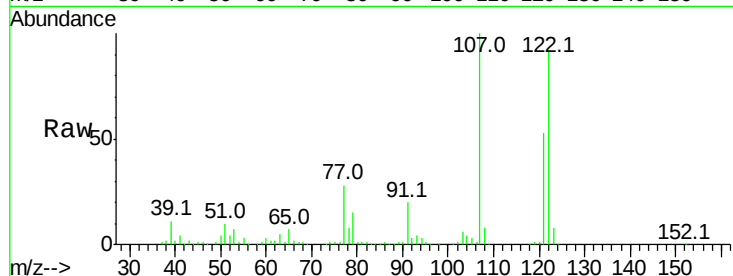
Tot Ion:122 Resp: 292947

Ion Ratio Lower Upper

122 100

107 109.2 89.2 133.8

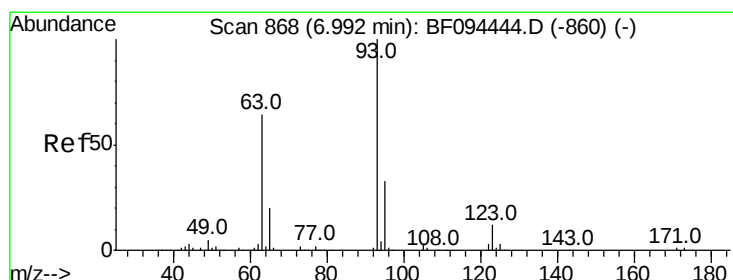
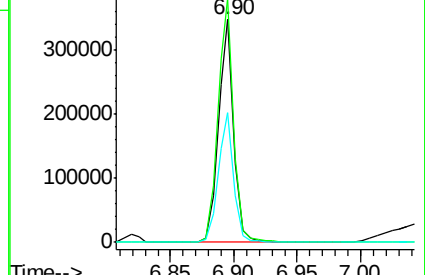
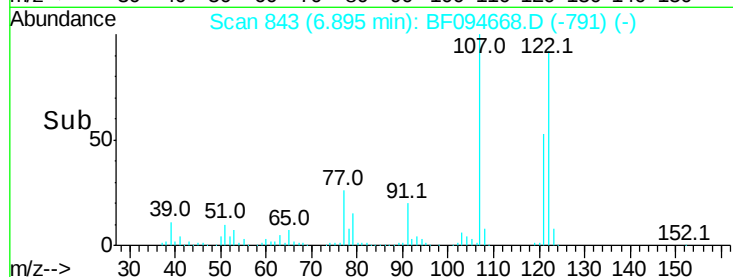
121 58.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.12 ng

RT: 7.00 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

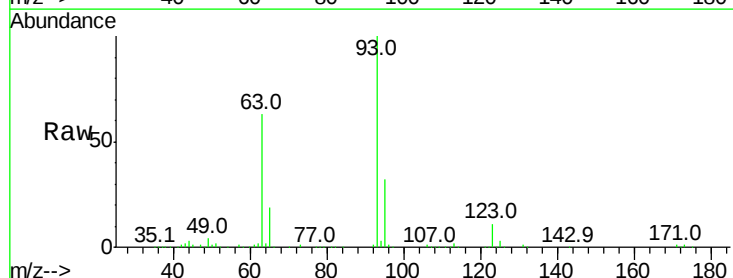
Tgt Ion: 93 Resp: 382888

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

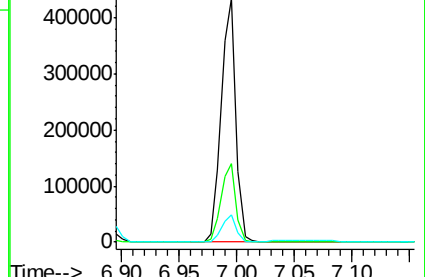
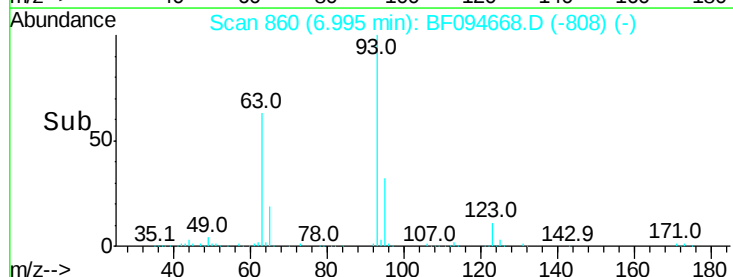
123 11.1 9.0 13.4

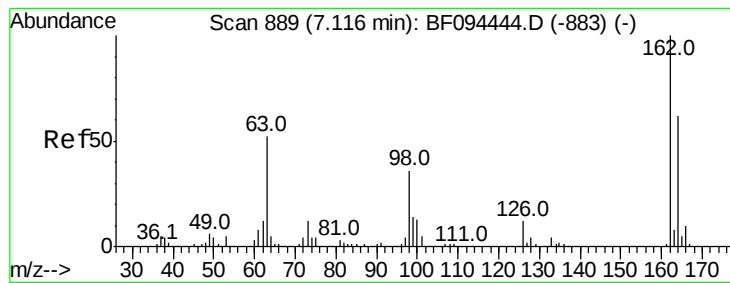


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.39 ng

RT: 7.12 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampled :

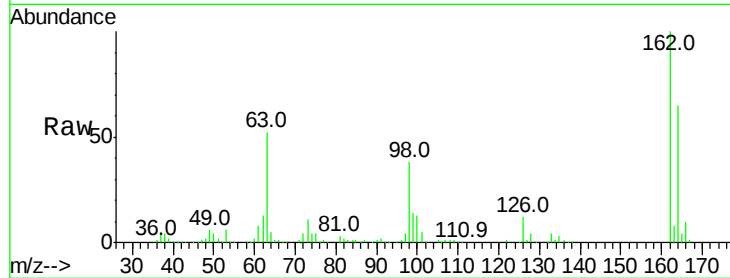
Tot Ion:162 Resp: 281234

Ion Ratio Lower Upper

162 100

164 64.7 44.6 84.6

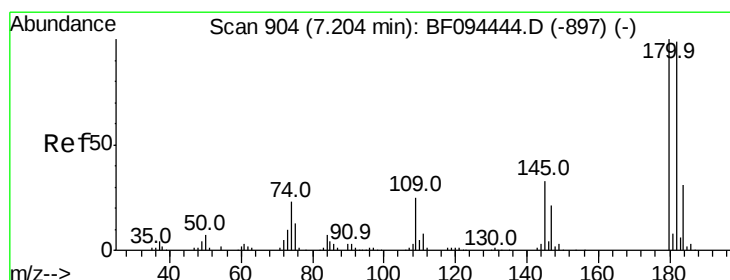
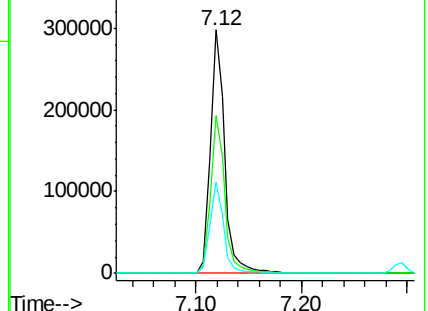
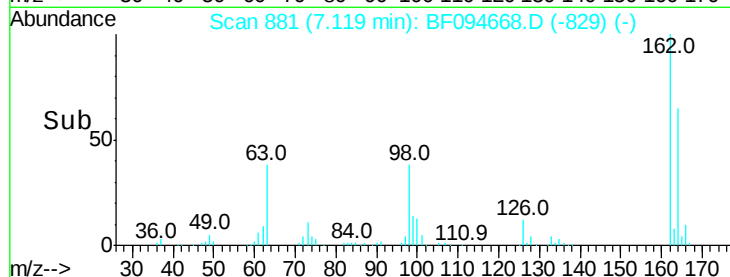
98 37.7 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.78 ng

RT: 7.20 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

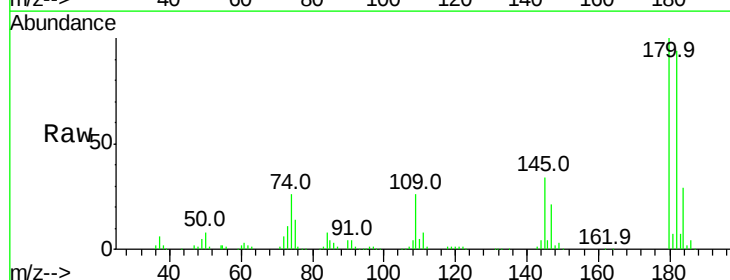
Tgt Ion:180 Resp: 273280

Ion Ratio Lower Upper

180 100

182 93.5 75.8 113.6

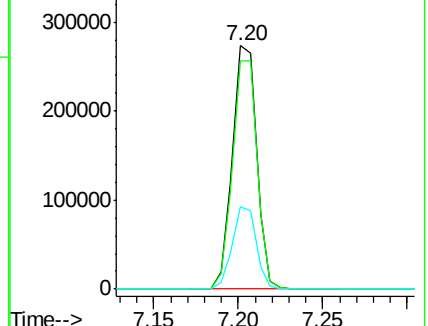
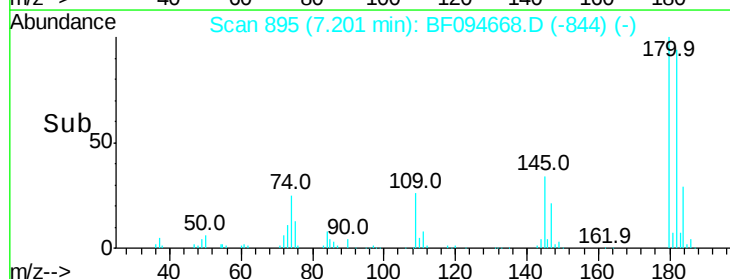
145 33.6 25.3 37.9

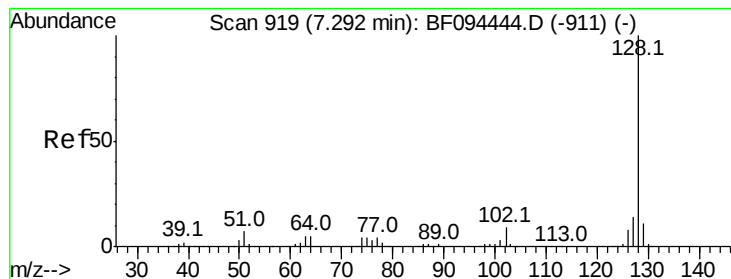


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.91 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampleId :

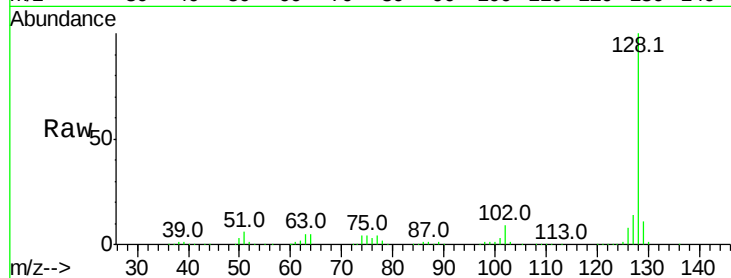
Tot Ion:128 Resp: 920657

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

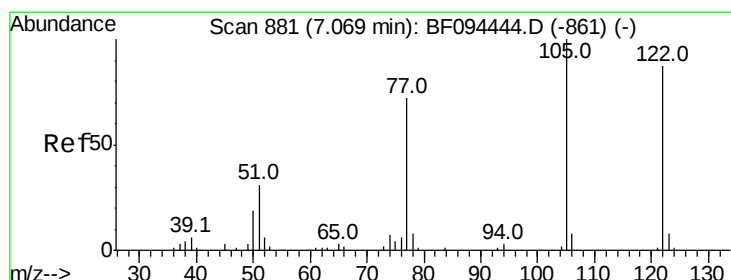
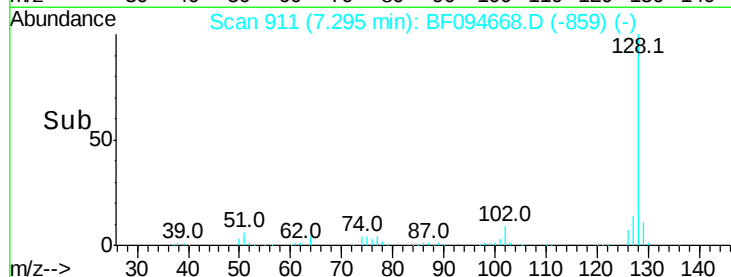
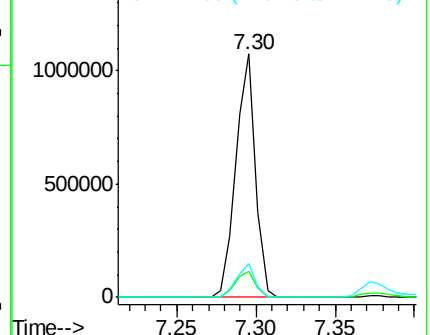
127 13.7 10.8 16.2



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: 39.31 ng

RT: 7.08 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

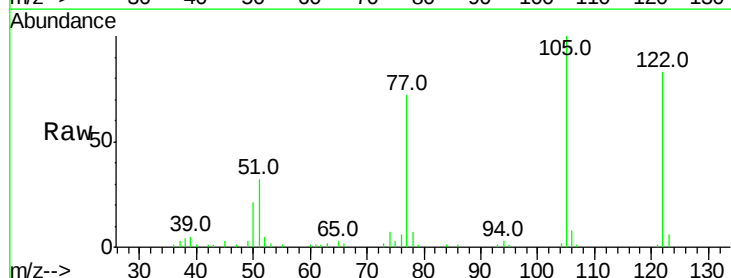
Tgt Ion:122 Resp: 144848

Ion Ratio Lower Upper

122 100

105 120.7 103.3 143.3

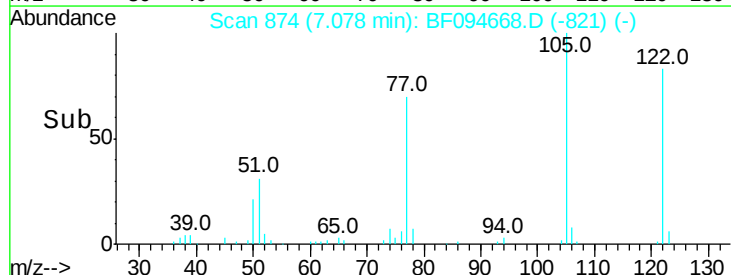
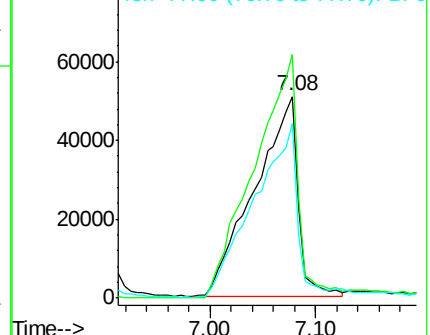
77 86.5 73.7 113.7

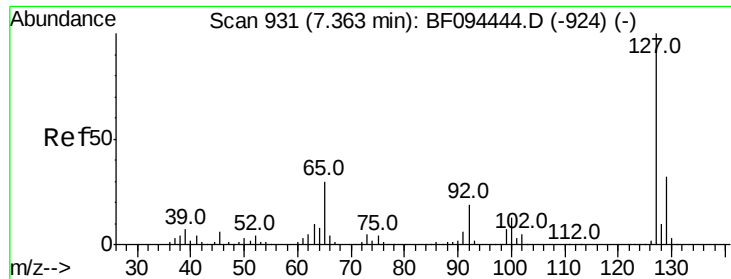


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

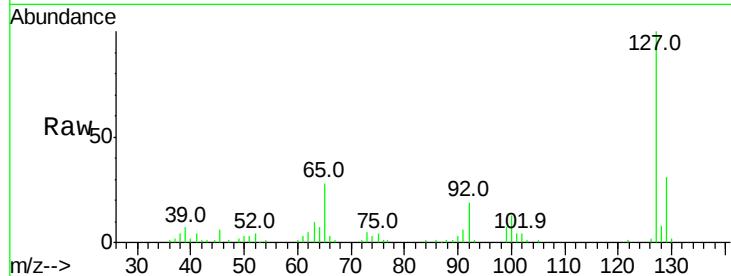




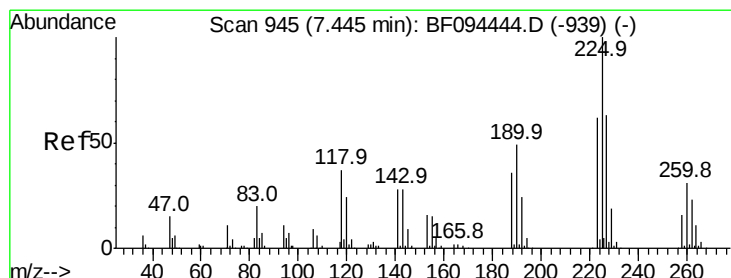
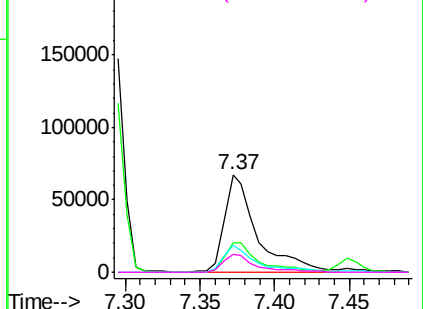
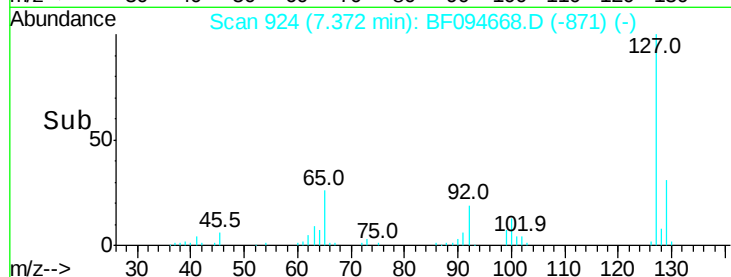
#33
4-Chloroaniline
Concen: 11.15 ng
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	104361
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.2	39.2
65	27.7	27.8	41.8#
92	18.7	16.8	25.2

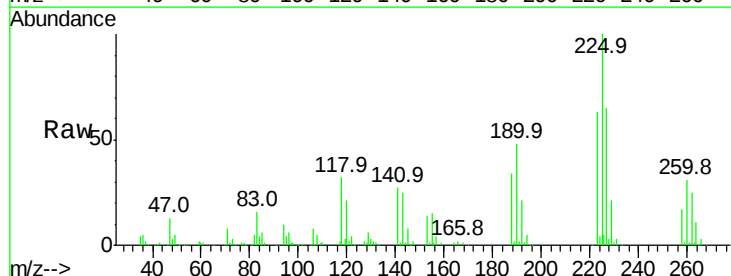


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

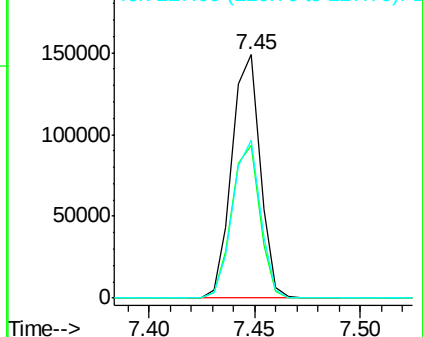
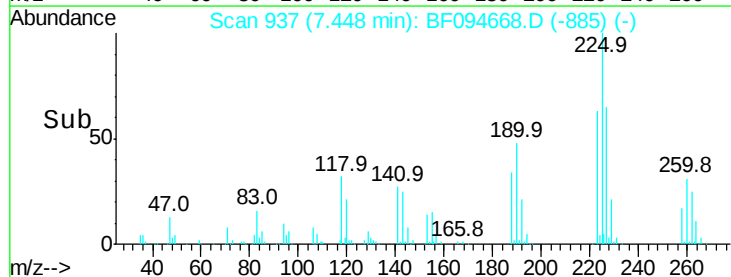


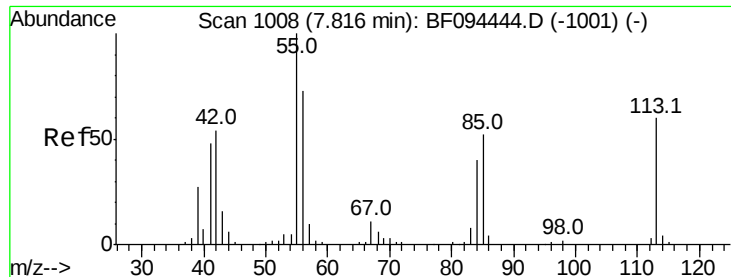
#34
Hexachlorobutadiene
Concen: 41.22 ng
RT: 7.45 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Tgt Ion:	225	Resp:	137704
Ion	Ratio	Lower	Upper
225	100		
223	62.7	48.8	73.2
227	65.0	51.1	76.7



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

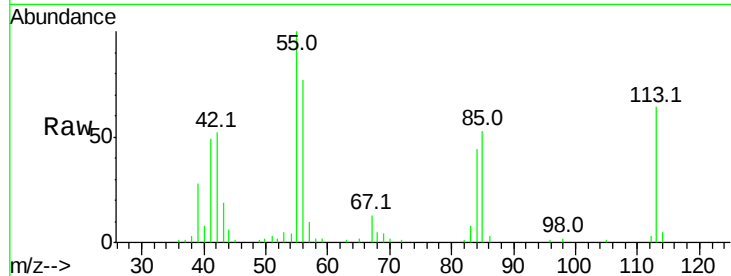




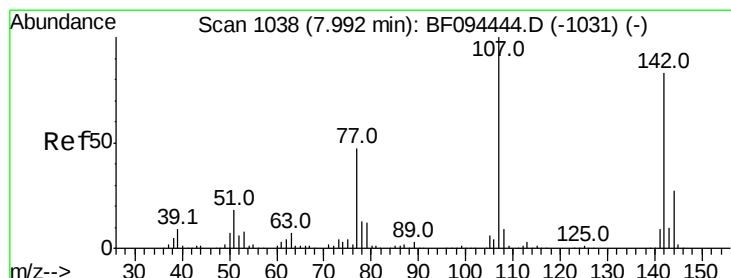
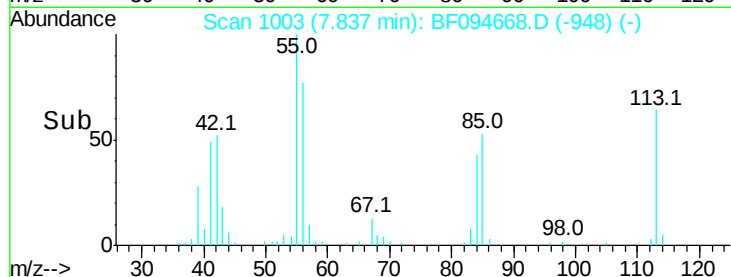
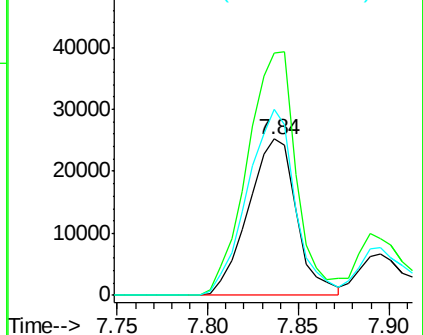
#35
 Caprolactam
 Concen: 22.95 ng
 RT: 7.84 min Scan# 1003
 Delta R.T. 0.02 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 46733
 Ion Ratio Lower Upper
 113 100
 55 155.4 150.2 190.2
 56 119.5 107.8 147.8

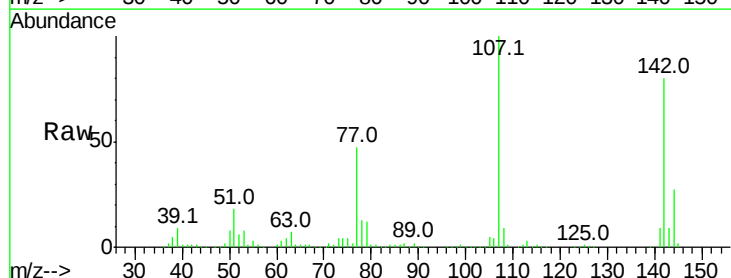


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

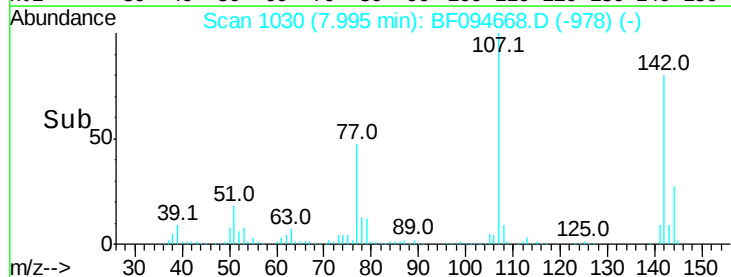
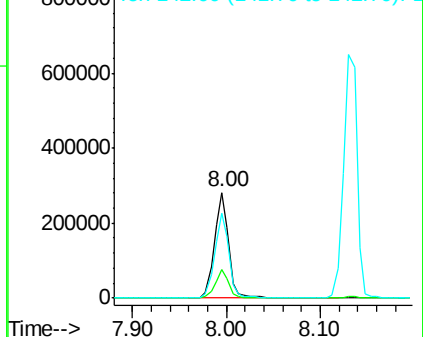


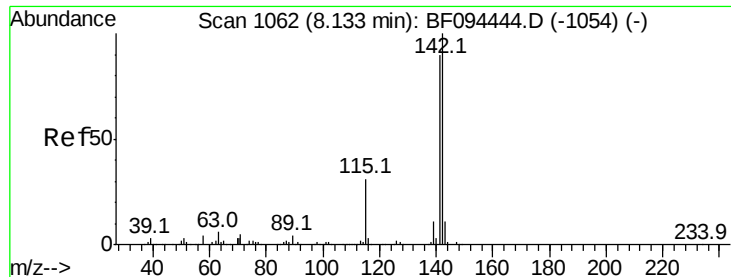
#36
 4-Chloro-3-methylphenol
 Concen: 44.36 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Tgt Ion:107 Resp: 301290
 Ion Ratio Lower Upper
 107 100
 144 27.1 24.2 36.4
 142 80.1 73.4 110.0



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

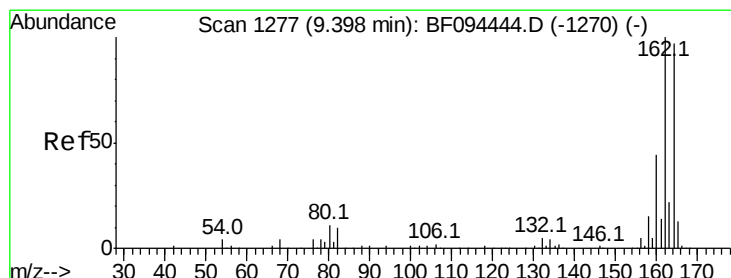
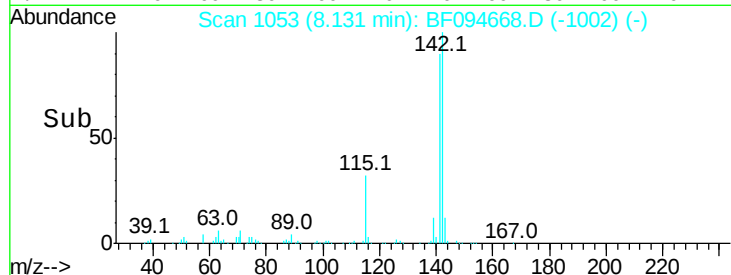
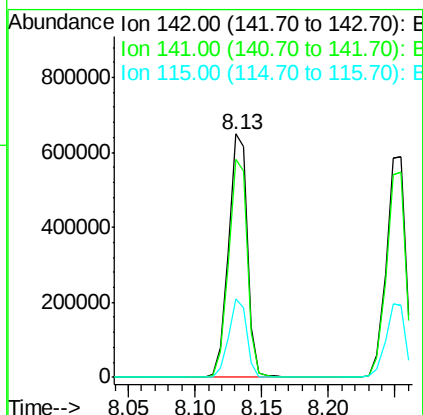
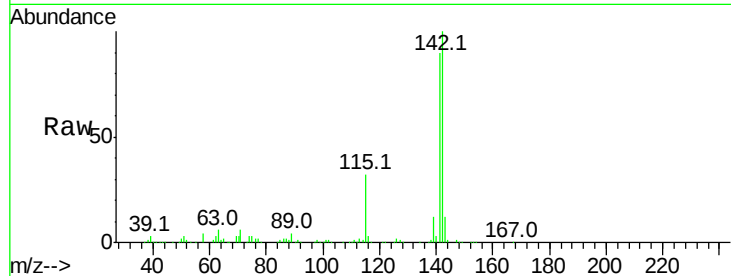




#37
 2-Methylnaphthalene
 Concen: 42.19 ng
 RT: 8.13 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

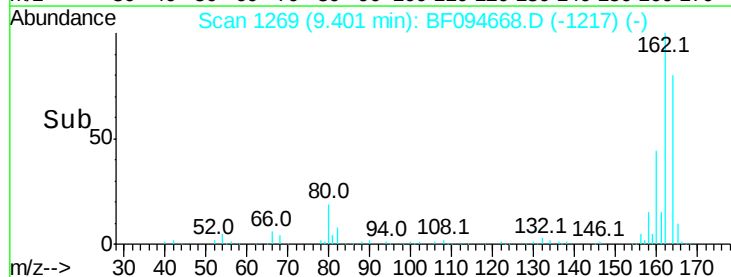
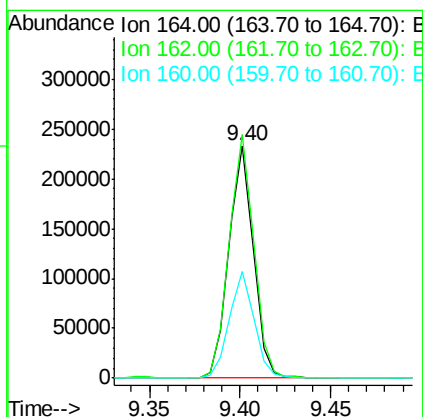
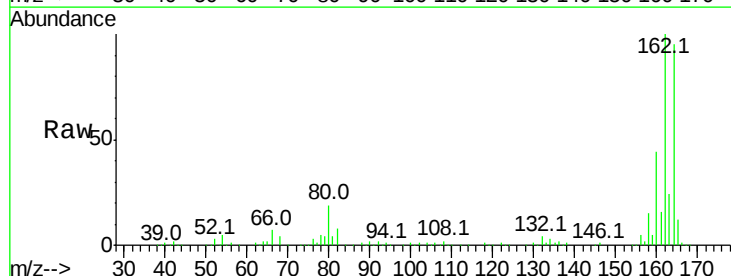
Instrument :
 BNA_F
 ClientSampleId :

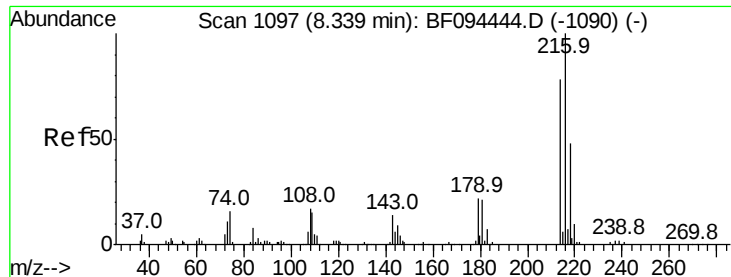
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	32.0	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	46.2	36.2	54.2

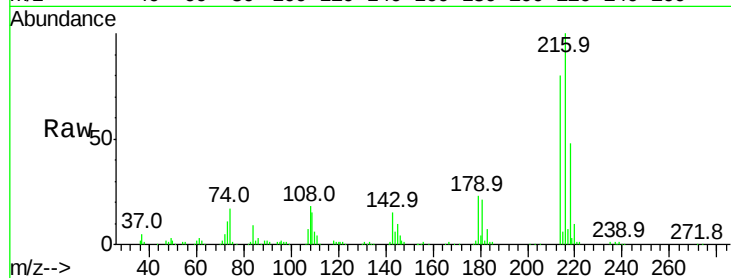




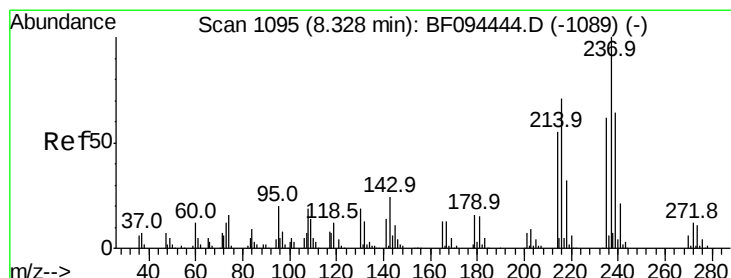
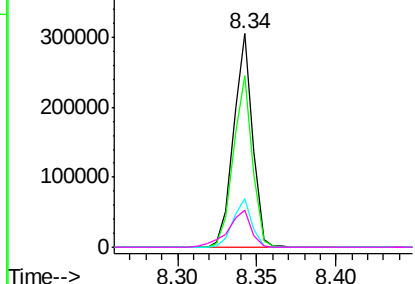
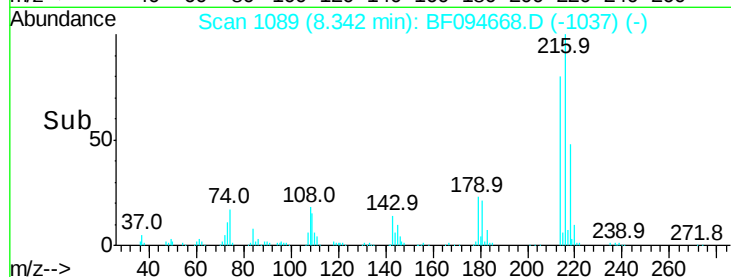
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.19 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	253122
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.2
179	22.3	17.9	26.9
108	20.9	16.5	24.7

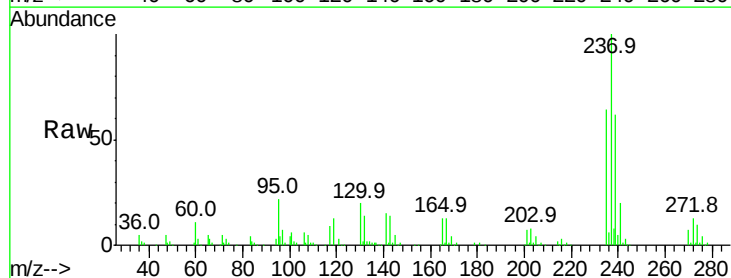


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

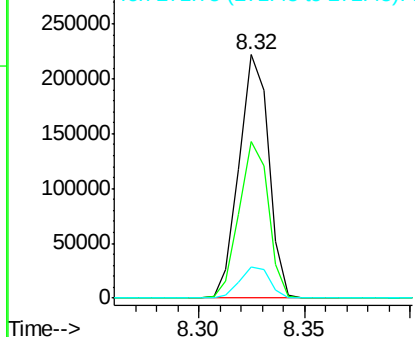
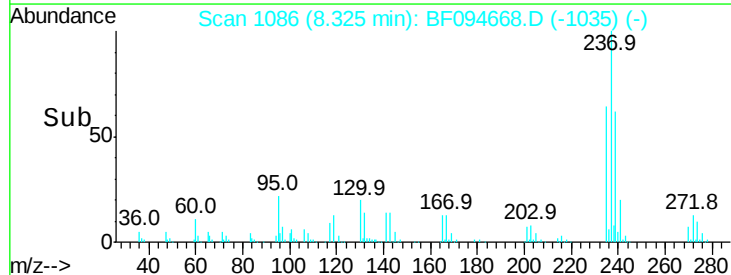


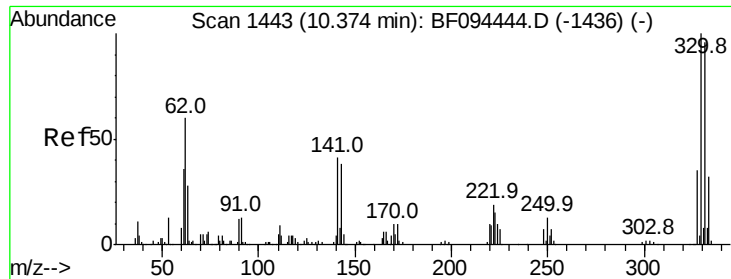
#40
 Hexachlorocyclopentadiene
 Concen: 84.94 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Tgt Ion:	237	Resp:	216416
Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.6	82.6
272	13.0	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

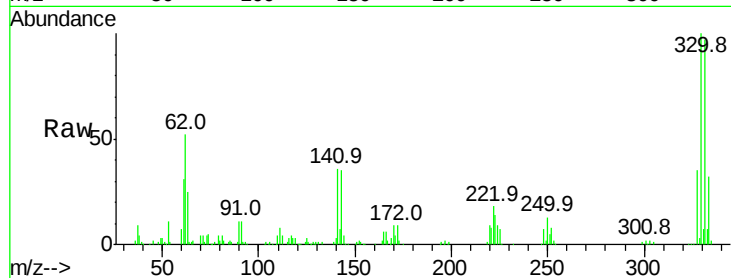




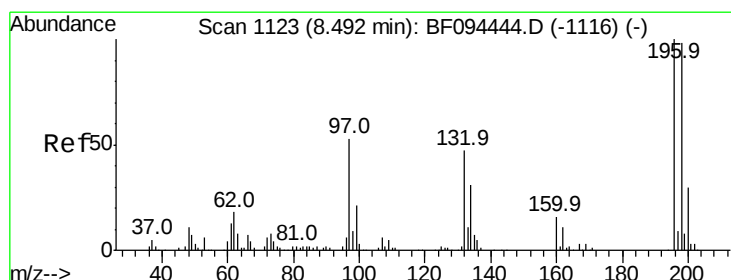
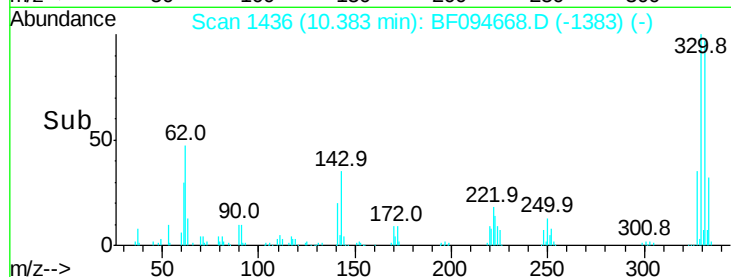
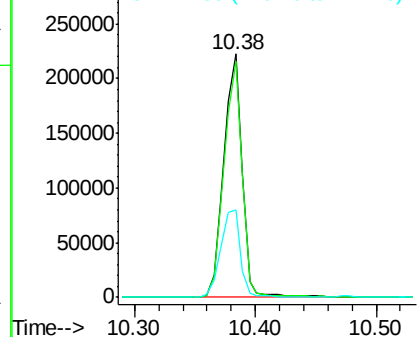
#41
 2,4,6-Tribromophenol
 Concen: 134.72 ng
 RT: 10.38 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 233084
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.6 31.4 47.2

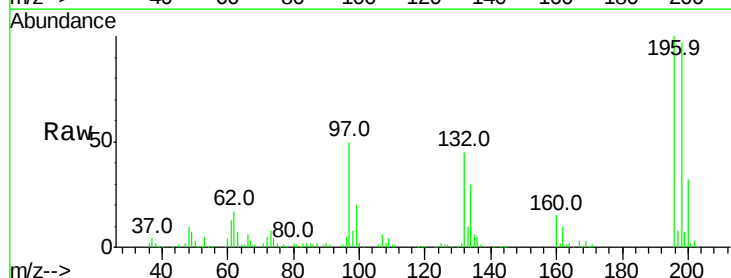


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

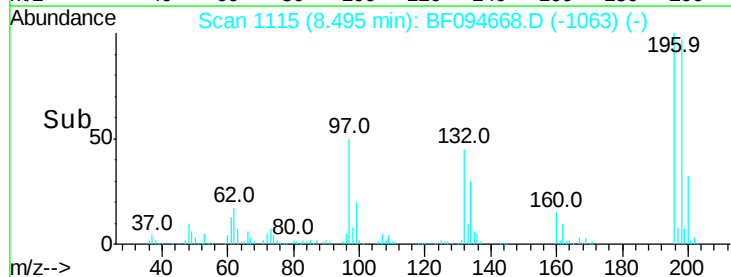
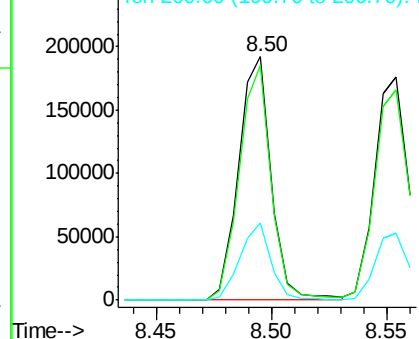


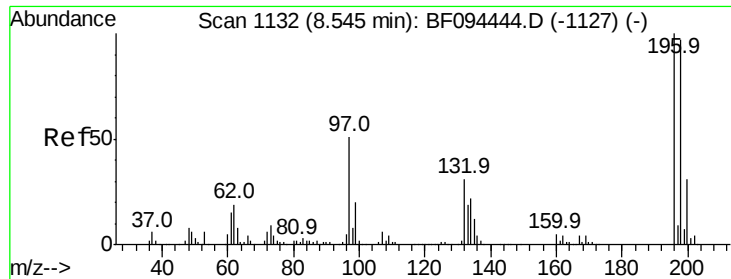
#42
 2,4,6-Trichlorophenol
 Concen: 42.48 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Tgt Ion:196 Resp: 187897
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.2 111.4
 200 31.5 24.0 36.0



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

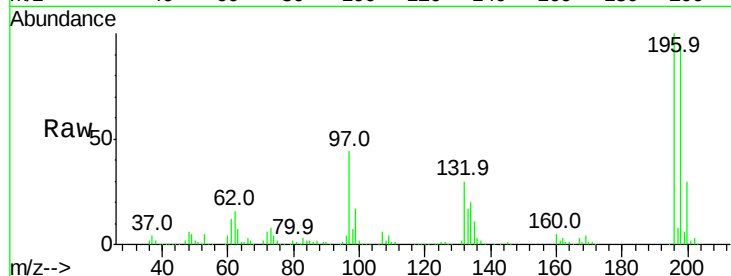




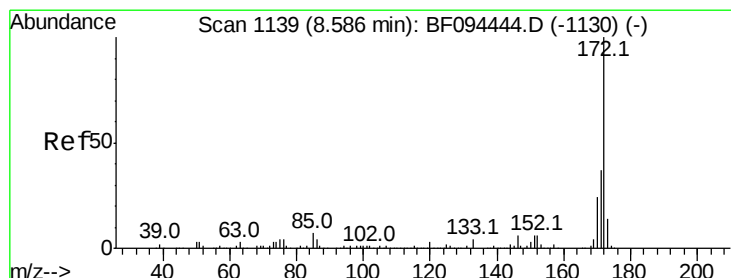
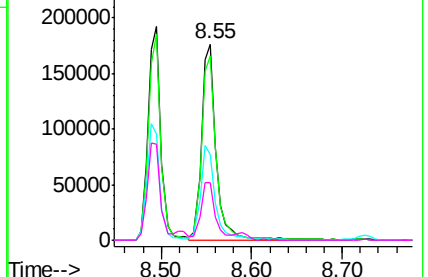
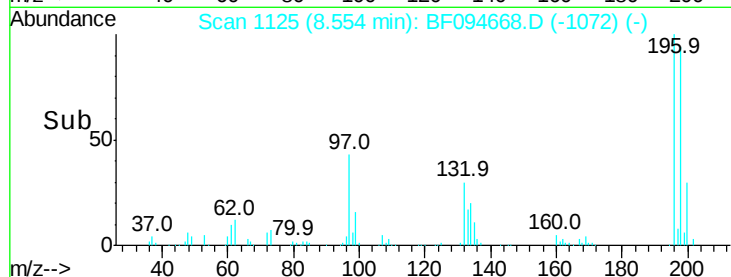
#43
2,4,5-Trichlorophenol
Concen: 44.05 ng
RT: 8.55 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.7	113.5
97	43.7	47.7	71.5#
132	29.6	28.0	42.0

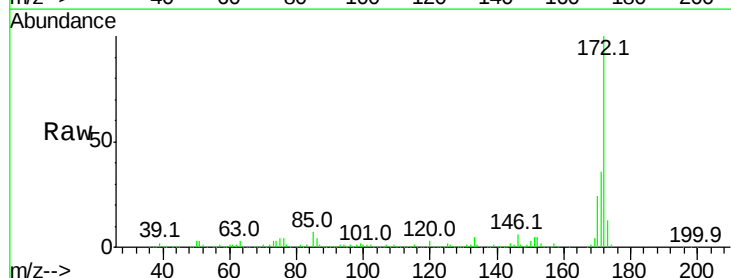


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

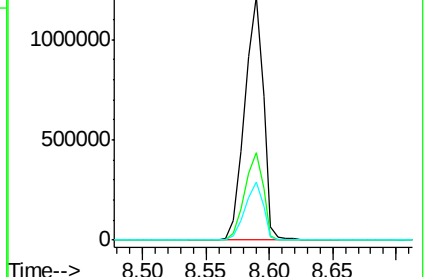
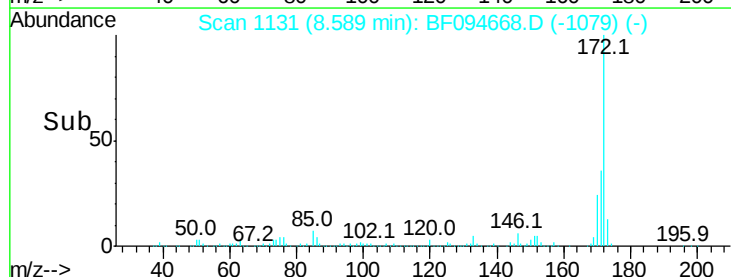


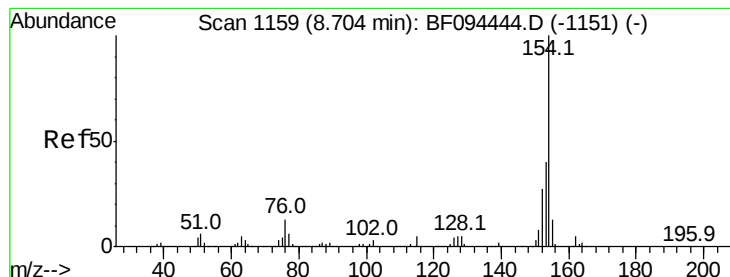
#44
2-Fluorobiphenyl
Concen: 82.21 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	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

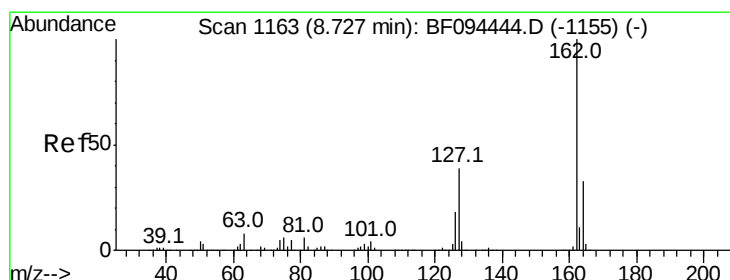
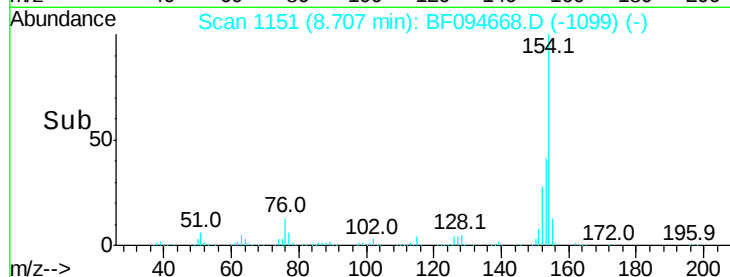
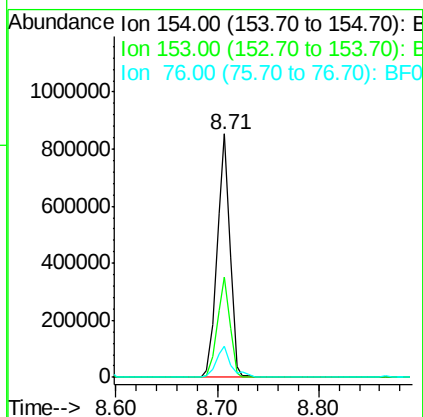
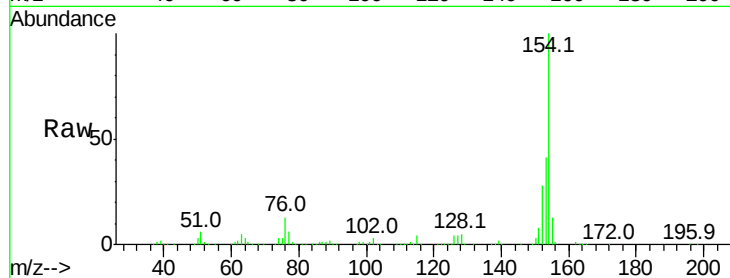




#45
 1,1'-Biphenyl
 Concen: 41.37 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

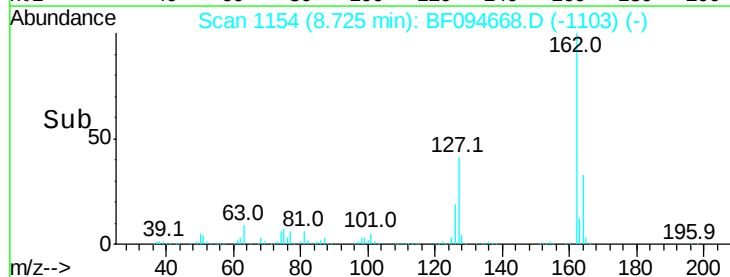
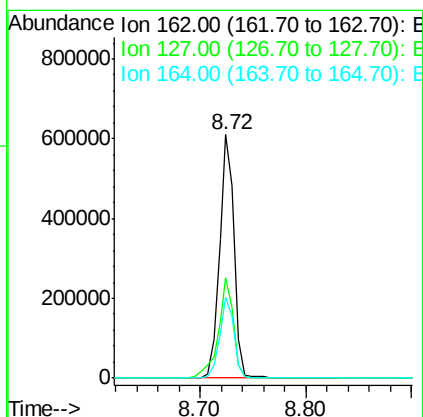
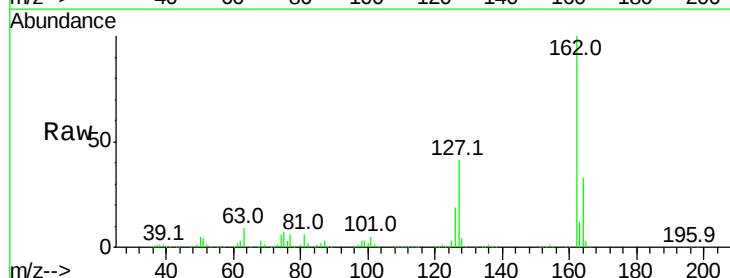
Instrument :
 BNA_F
 ClientSampleId :

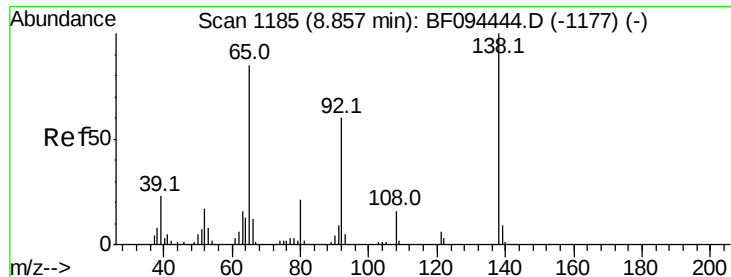
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	13.0	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 41.22 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	28.3	42.5
164	33.3	27.0	40.4

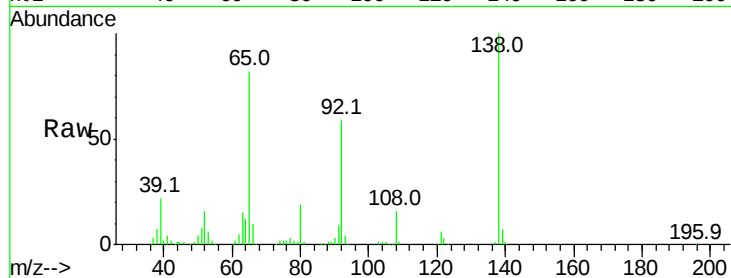




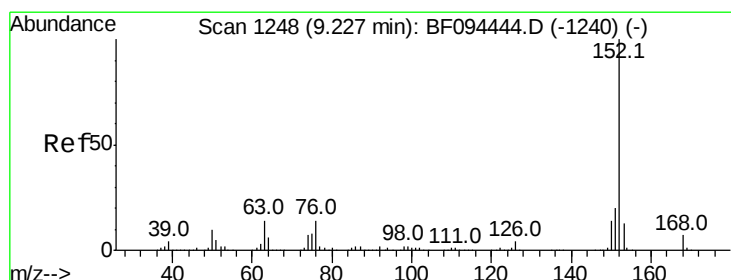
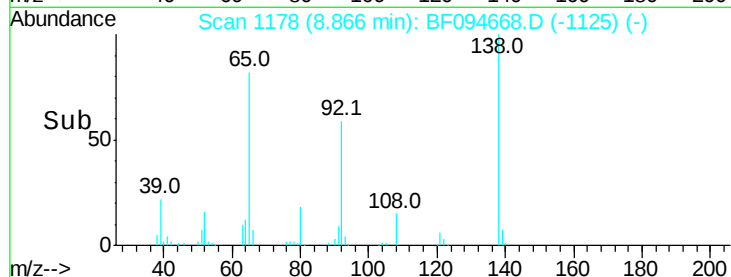
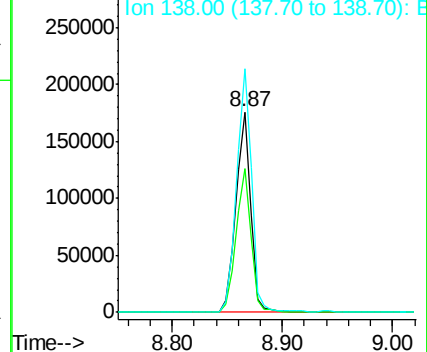
#47
2-Nitroaniline
Concen: 40.68 ng
RT: 8.87 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 168149
Ion Ratio Lower Upper
65 100
92 71.6 53.9 80.9
138 121.7 78.8 118.2#

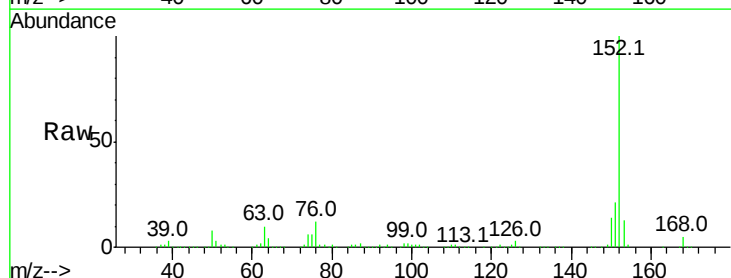


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

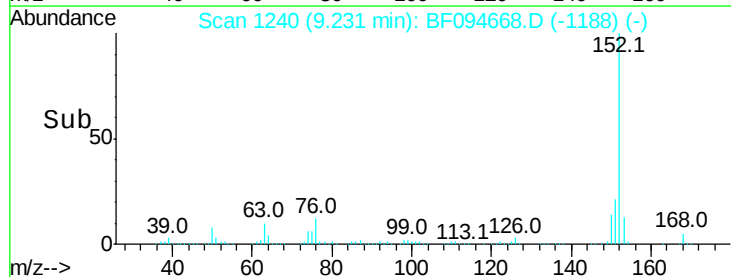
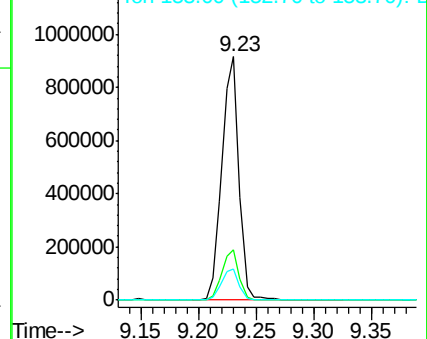


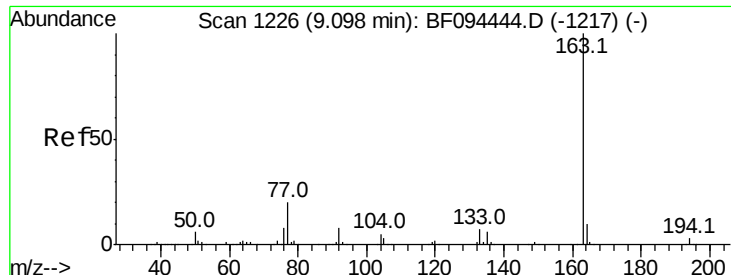
#48
Acenaphthylene
Concen: 41.84 ng
RT: 9.23 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Tgt Ion: 152 Resp: 937181
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

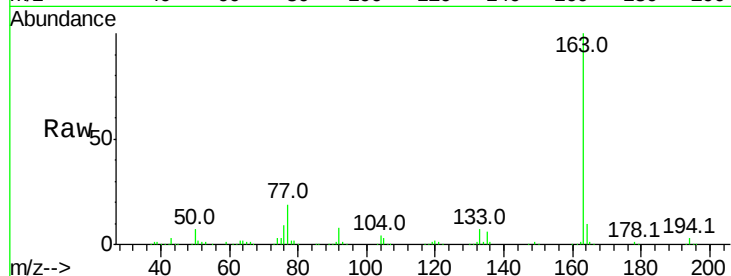




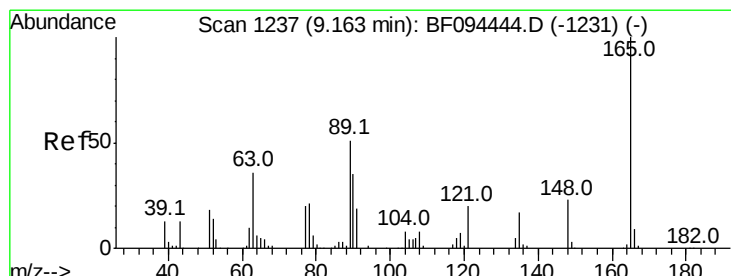
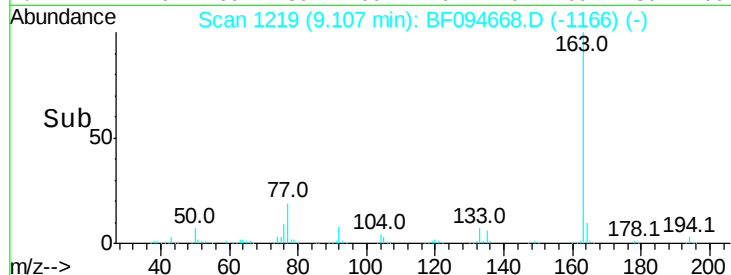
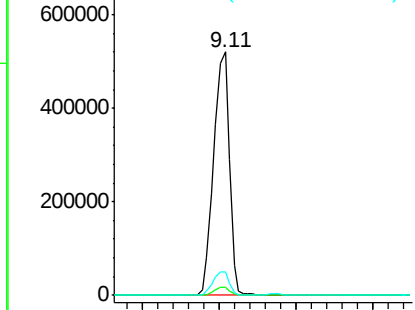
#49
Dimethylphthalate
Concen: 44.55 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 734351
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 8.4 12.6

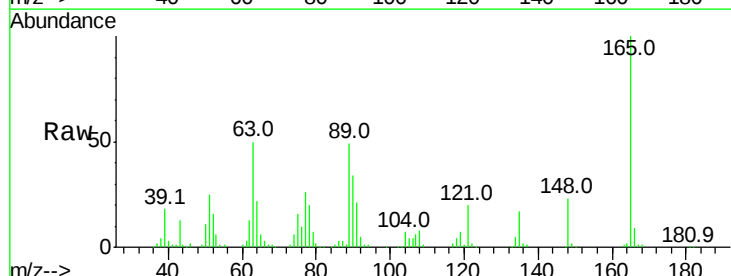


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

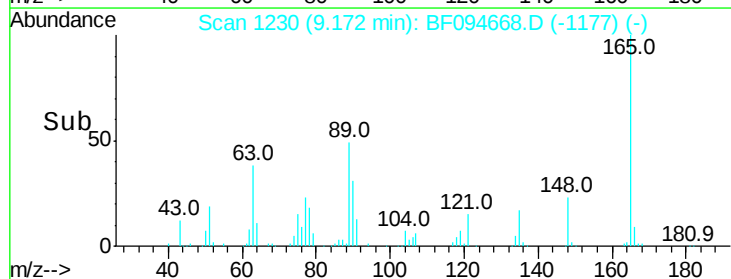
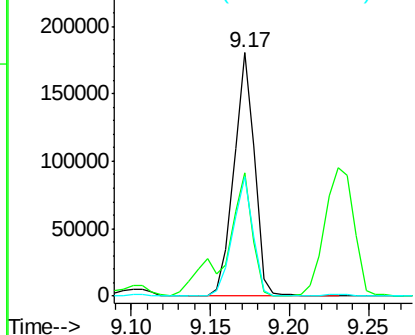


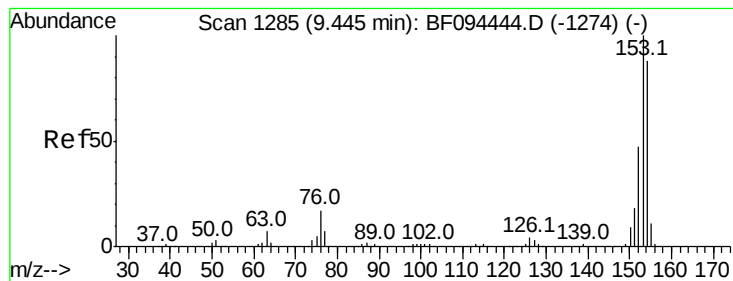
#50
2,6-Dinitrotoluene
Concen: 43.86 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Tgt Ion:165 Resp: 162289
Ion Ratio Lower Upper
165 100
63 50.5 34.3 51.5
89 49.2 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: 42.06 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampleId :

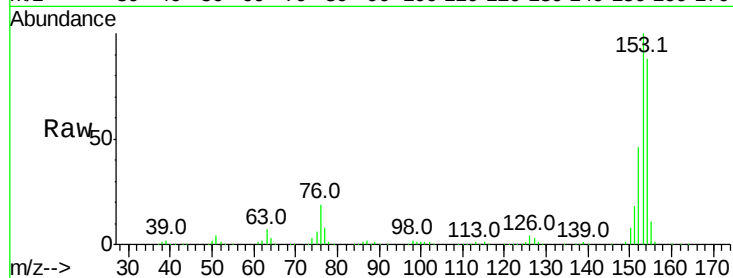
Tot Ion:154 Resp: 564264

Ion Ratio Lower Upper

154 100

153 113.4 90.5 135.7

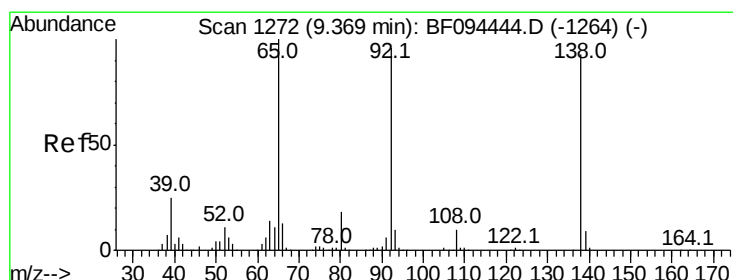
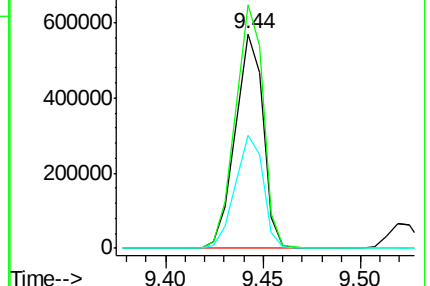
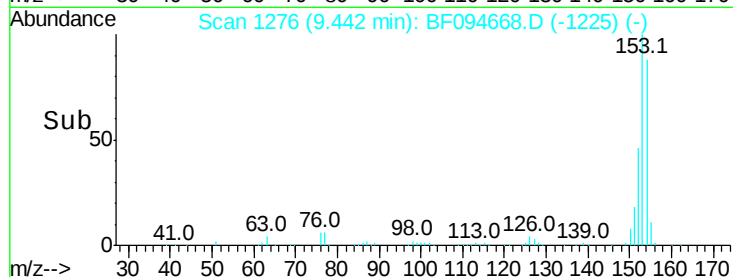
152 52.7 43.6 65.4



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: 17.98 ng

RT: 9.38 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

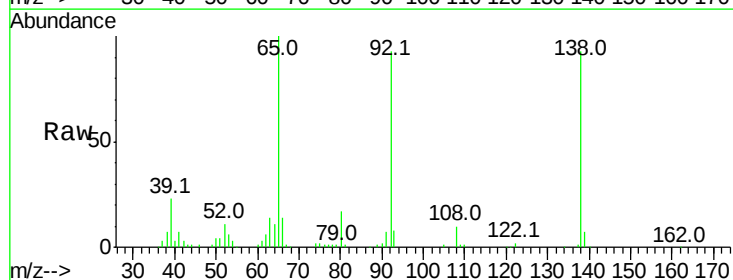
Tgt Ion:138 Resp: 76987

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

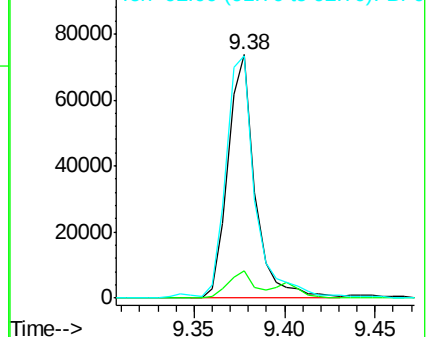
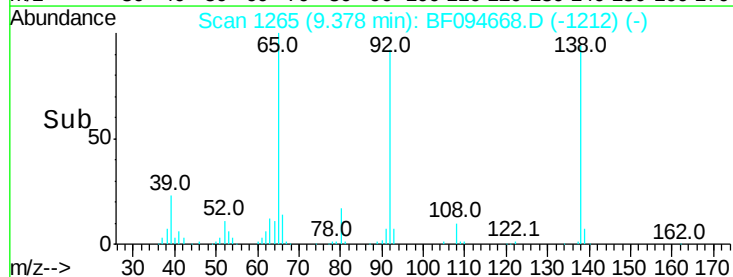
92 99.5 93.8 140.6

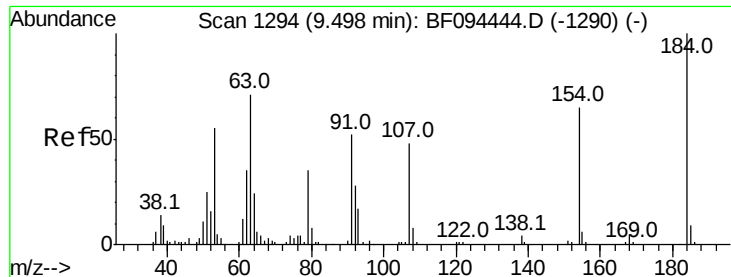


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

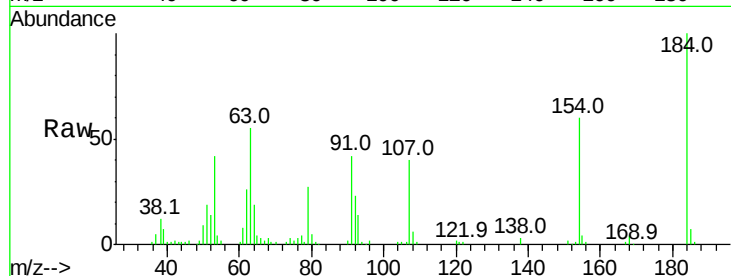




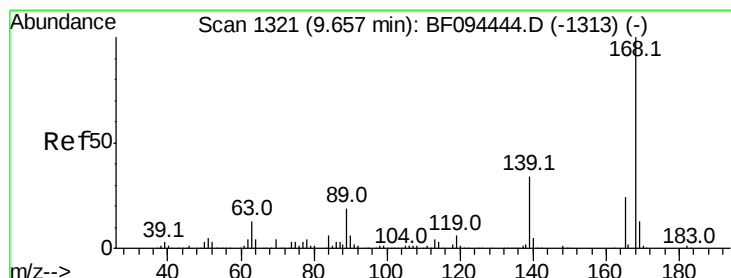
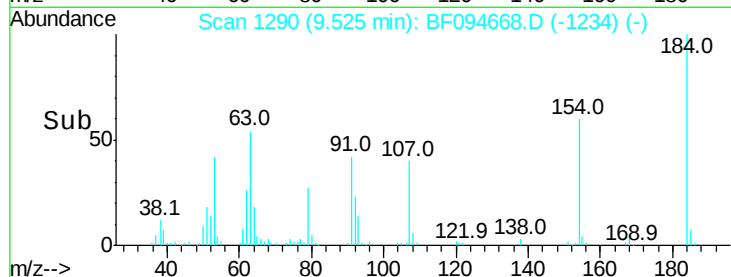
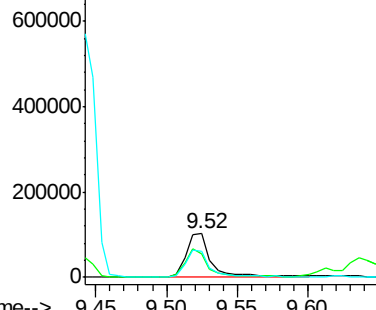
#53
 2,4-Dinitrophenol
 Concen: 65.02 ng
 RT: 9.52 min Scan# 1290
 Delta R.T. 0.03 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 128211
 Ion Ratio Lower Upper
 184 100
 63 54.7 62.7 94.1#
 154 60.4 81.1 121.7#

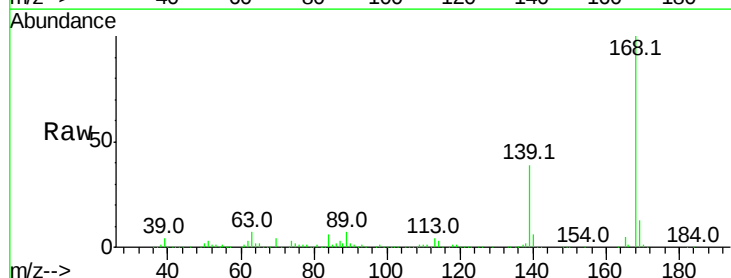


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

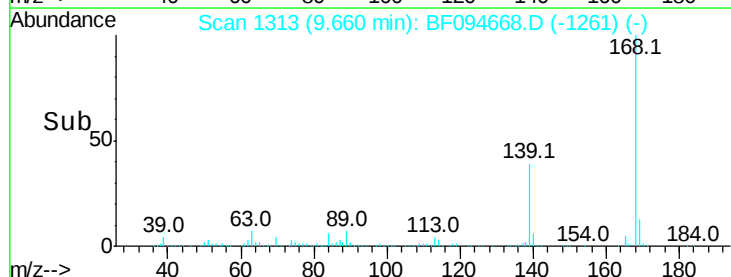
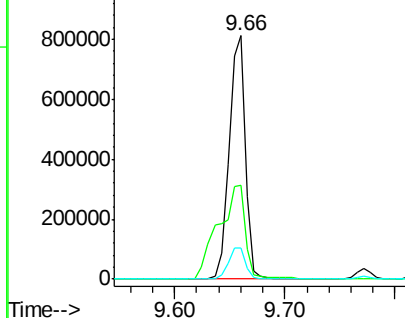


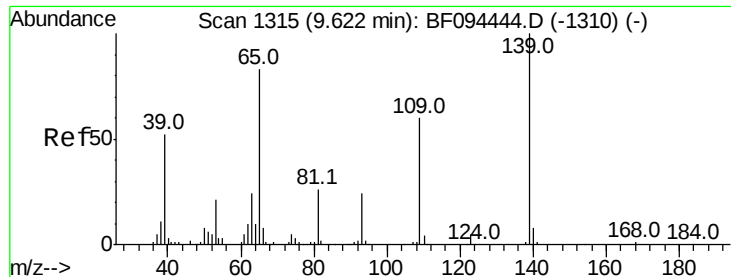
#54
 Dibenzofuran
 Concen: 42.84 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Tgt Ion:168 Resp: 835441
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.6 45.8
 169 13.0 10.8 16.2



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





#55

4-Nitrophenol

Concen: 178.09 ng

RT: 9.66 min Scan# 1313

Delta R.T. 0.04 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampleId :

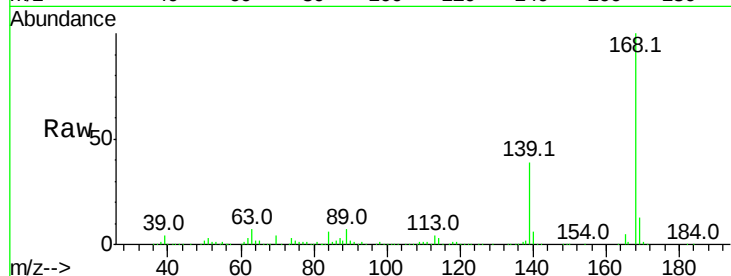
Tot Ion:139 Resp: 538586

Ion Ratio Lower Upper

139 100

109 3.6 34.1 74.1#

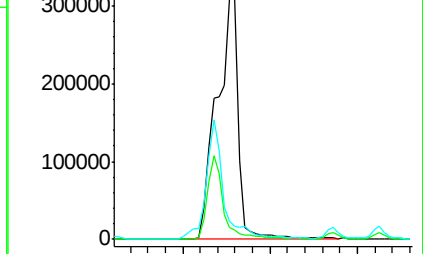
65 5.3 31.4 71.4#



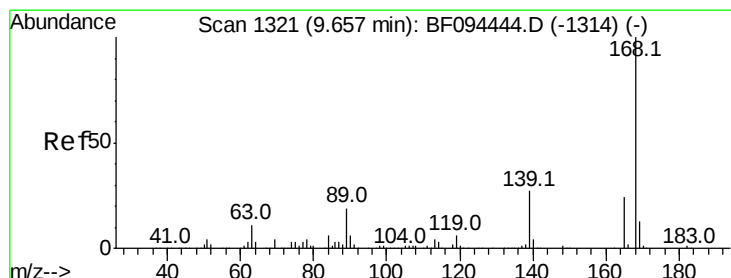
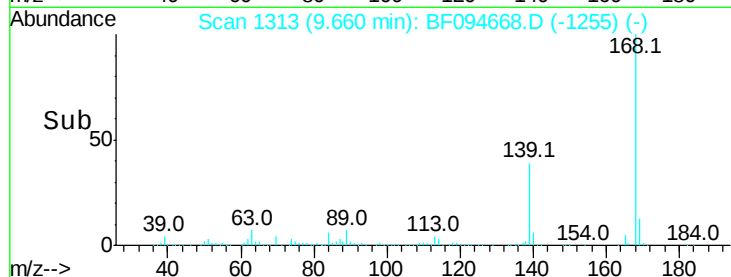
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



Time-->



#56

2,4-Dinitrotoluene

Concen: 47.39 ng

RT: 9.67 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Tgt Ion:165 Resp: 215160

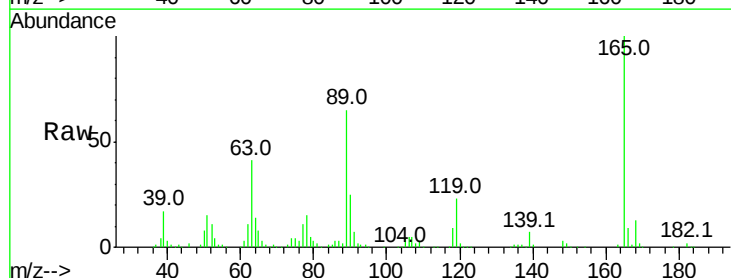
Ion Ratio Lower Upper

165 100

63 40.7 25.4 38.0#

89 65.1 46.4 69.6

182 2.3 1.8 2.6

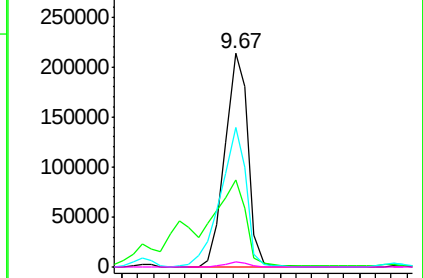


Abundance Ion 165.00 (164.70 to 165.70): E

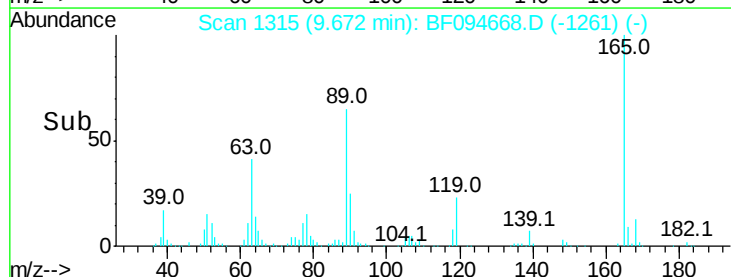
Ion 63.00 (62.70 to 63.70): BF0

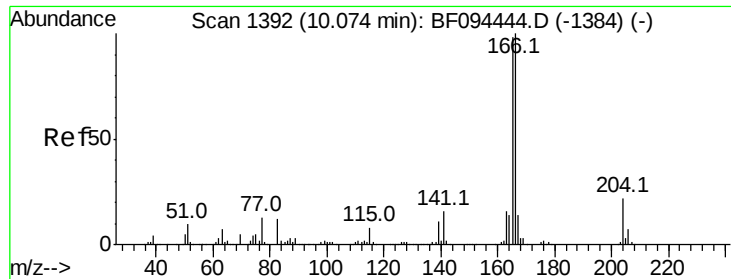
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->





#57

Fluorene

Concen: 42.09 ng

RT: 10.08 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampleId :

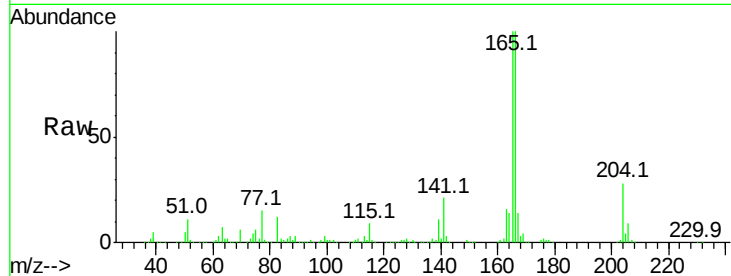
Tot Ion:166 Resp: 639216

Ion Ratio Lower Upper

166 100

165 99.8 78.8 118.2

167 14.1 10.6 16.0

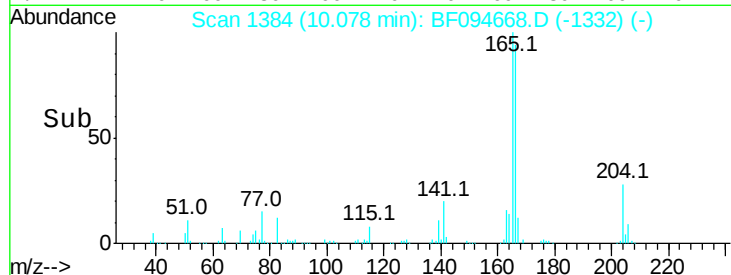


Abundance Ion 166.00 (165.70 to 166.70): E

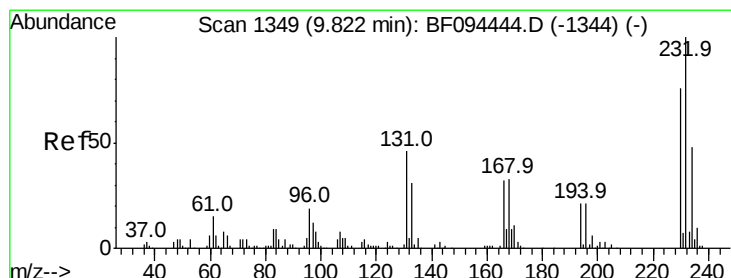
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.55 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Tgt Ion:232 Resp: 145059

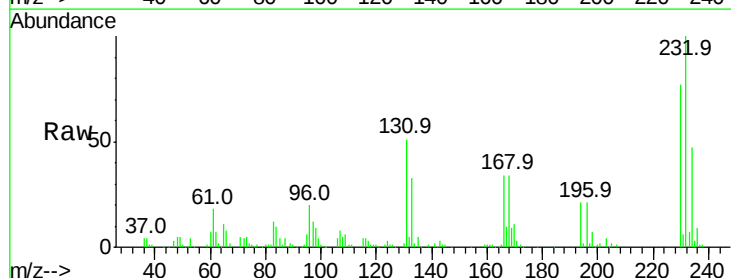
Ion Ratio Lower Upper

232 100

131 51.8 44.8 67.2

130 2.3 2.3 3.5#

166 34.1 29.0 43.4



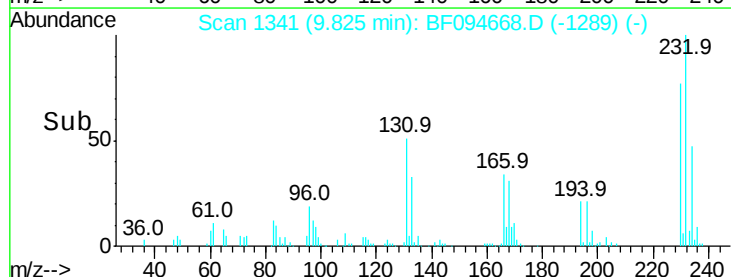
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

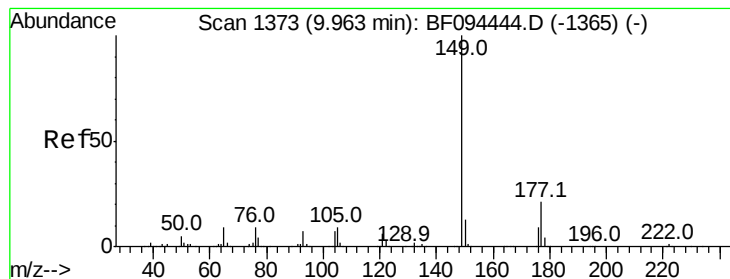
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



Time-->



#59

Diethylphthalate

Concen: 44.04 ng

RT: 9.97 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampleId :

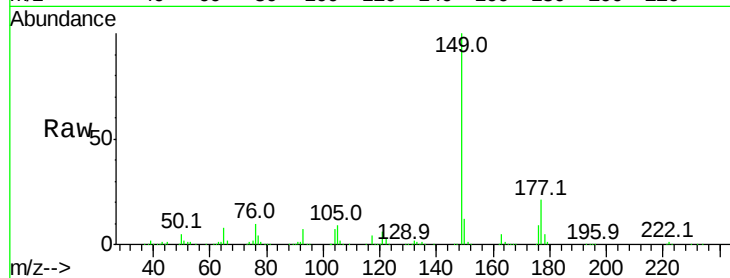
Tot Ion:149 Resp: 684946

Ion Ratio Lower Upper

149 100

177 21.5 16.7 25.1

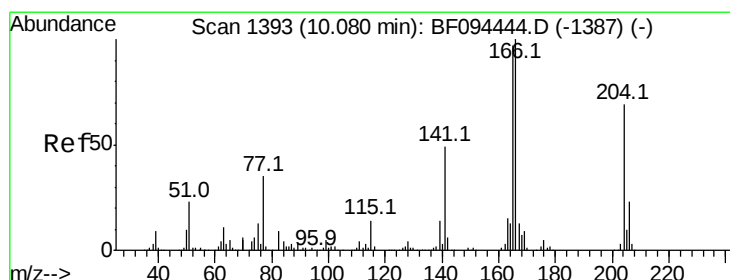
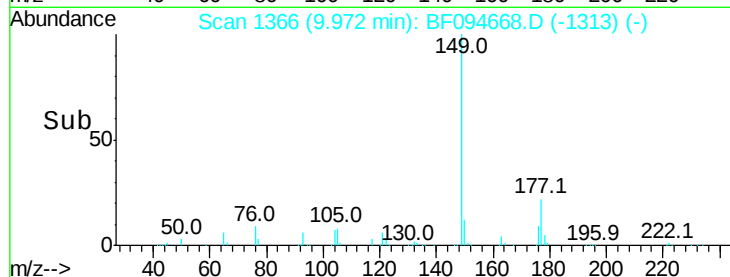
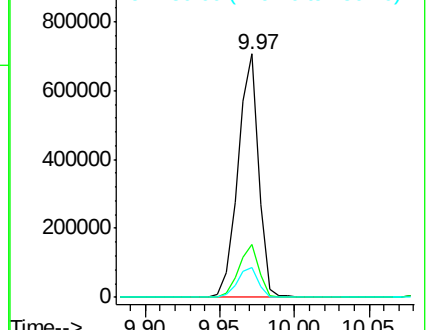
150 12.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.02 ng

RT: 10.08 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

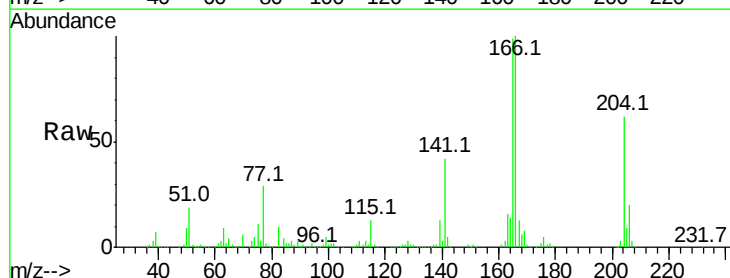
Tgt Ion:204 Resp: 278199

Ion Ratio Lower Upper

204 100

206 32.2 26.2 39.2

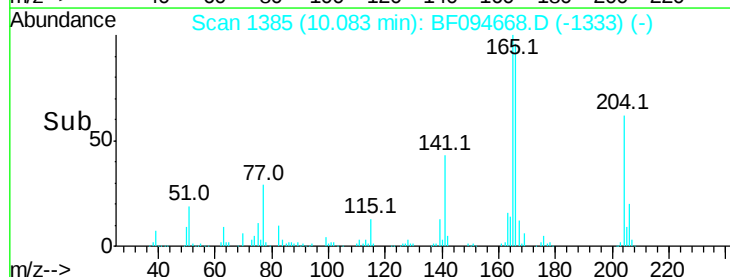
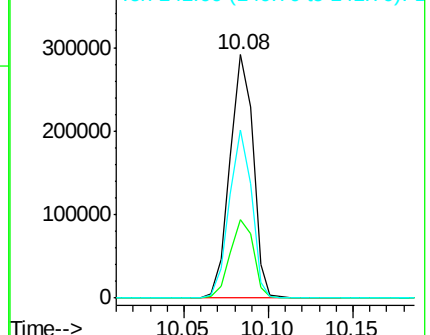
141 68.9 60.8 91.2

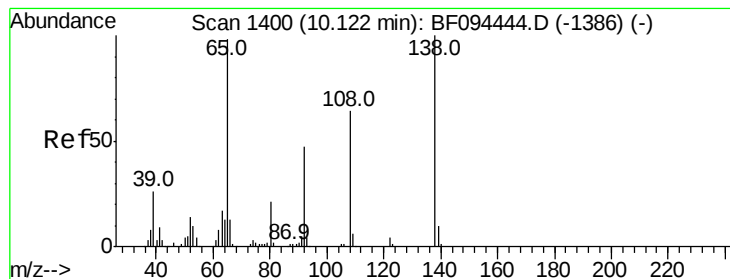


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.27 ng

RT: 10.14 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampleId :

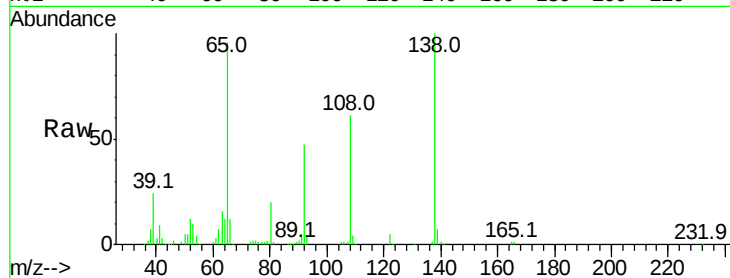
Tot Ion:138 Resp: 149136

Ion Ratio Lower Upper

138 100

92 47.2 21.8 61.8

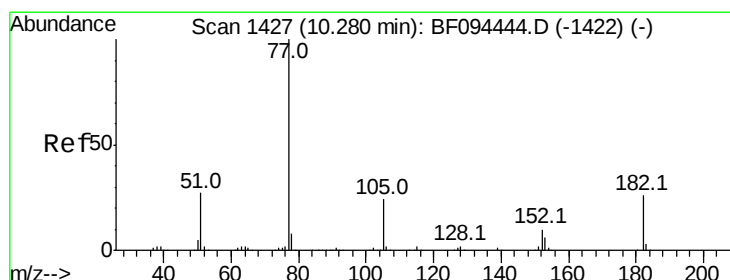
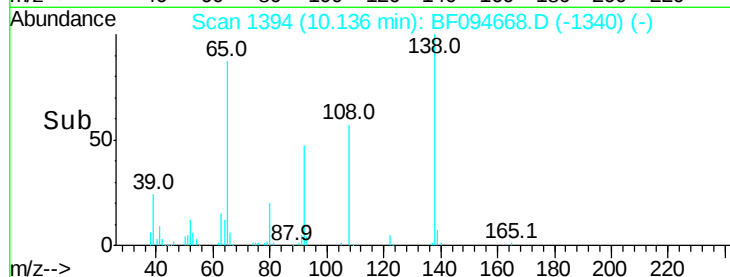
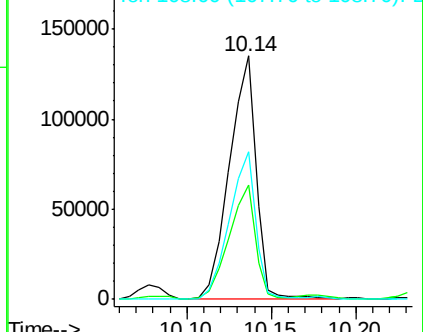
108 60.8 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.89 ng

RT: 10.28 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Tgt Ion: 77 Resp: 662809

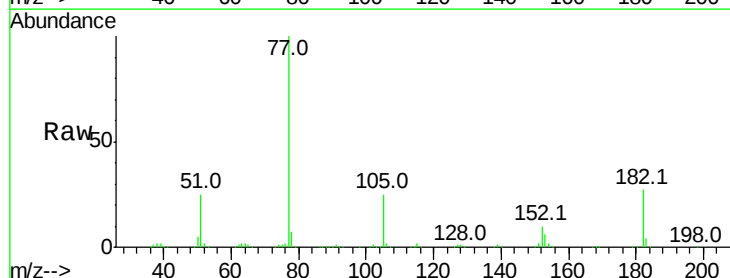
Ion Ratio Lower Upper

77 100

182 26.9 0.1 40.1

105 24.5 3.6 43.6

51 25.5 9.4 49.4

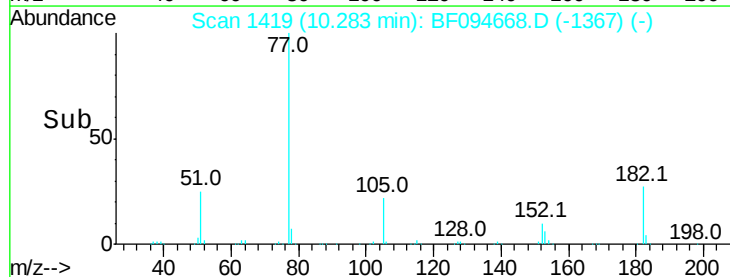
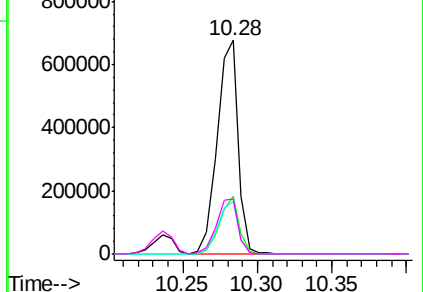


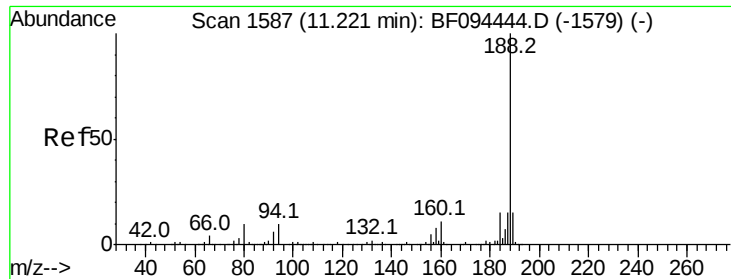
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

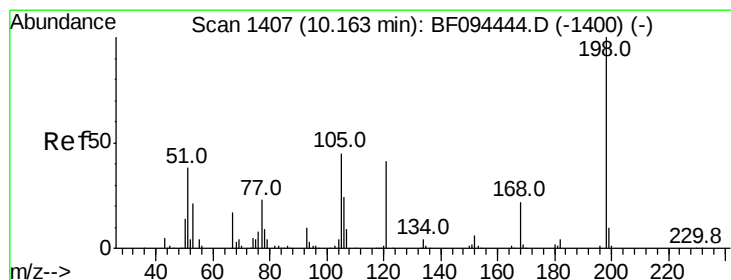
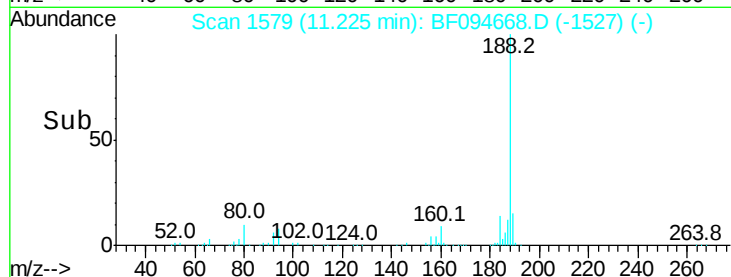
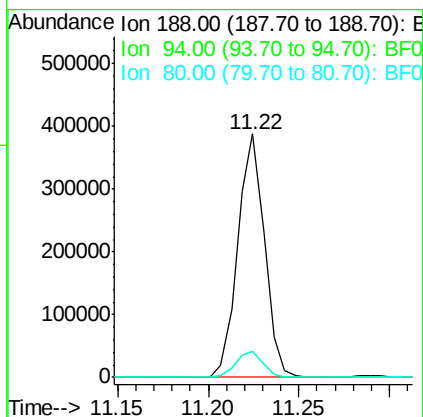
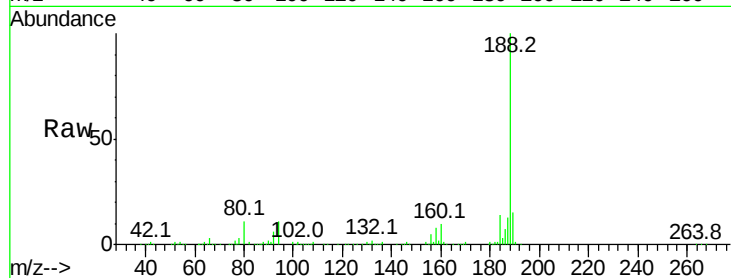




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

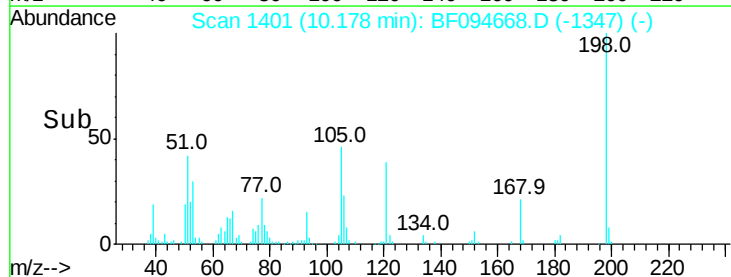
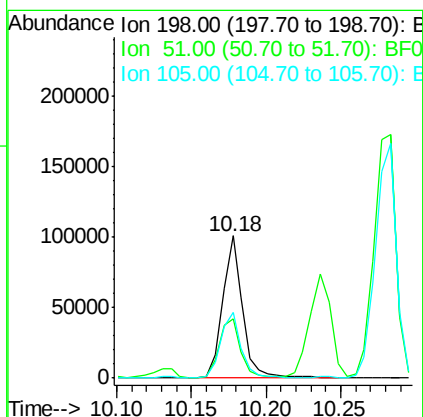
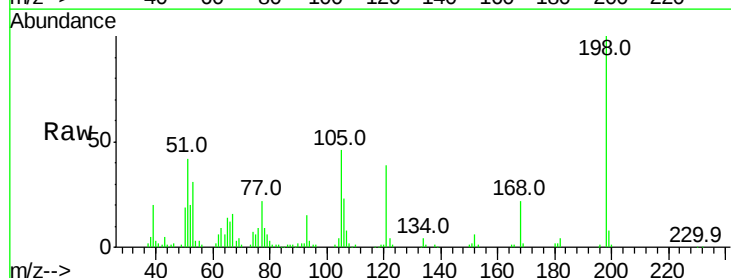
Instrument :
BNA_F
ClientSampled :

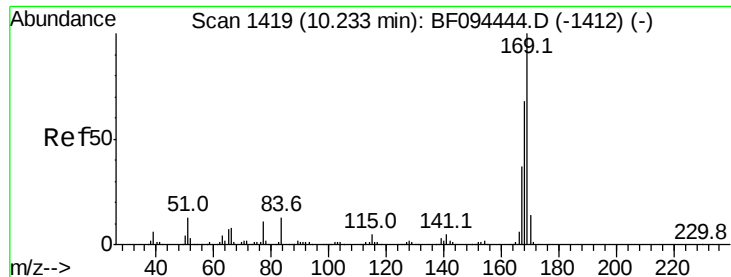
Tot Ion:188 Resp: 397266
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 10.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 36.72 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Tgt Ion:198 Resp: 95583
Ion Ratio Lower Upper
198 100
51 42.0 53.2 93.2#
105 46.1 45.8 85.8

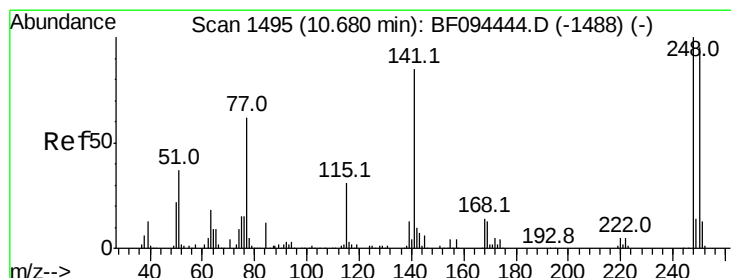
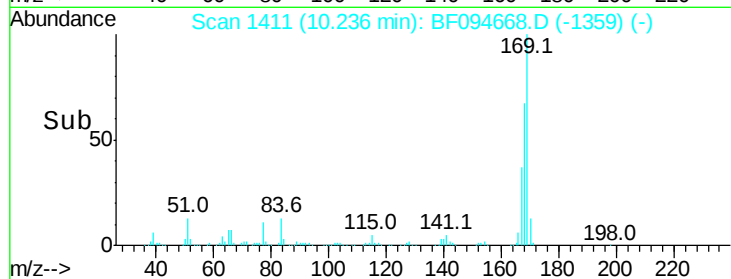
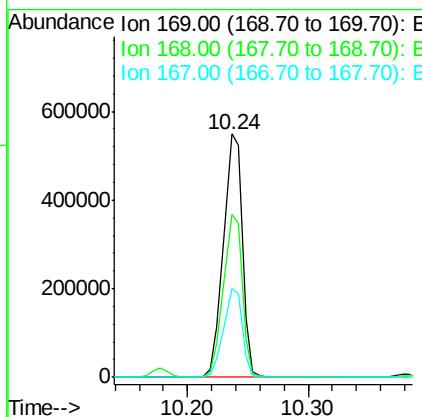
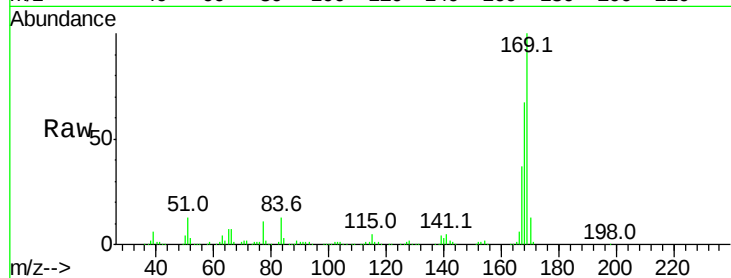




#65
n-Nitrosodiphenylamine
Concen: 43.10 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

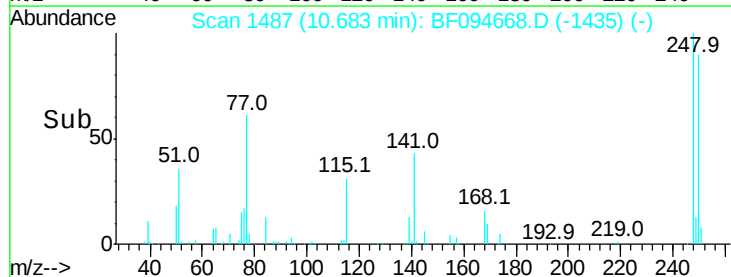
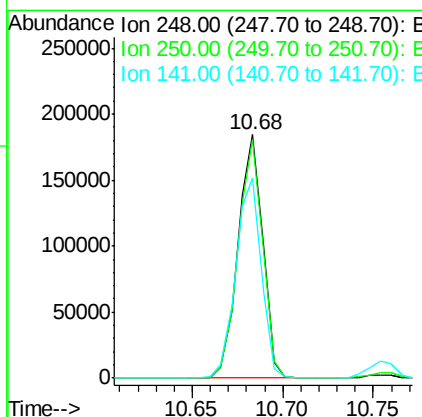
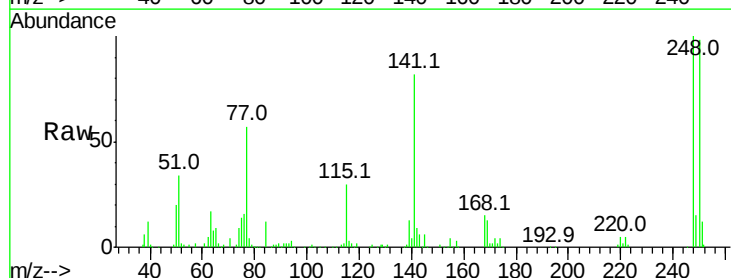
Instrument :
BNA_F
ClientSampleId :

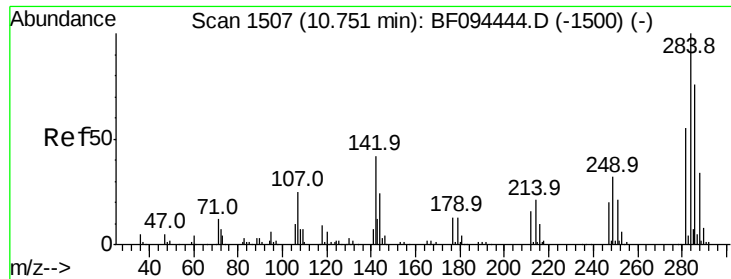
Tot Ion:169 Resp: 595432
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 36.7 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 44.22 ng
RT: 10.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Tgt Ion:248 Resp: 174423
Ion Ratio Lower Upper
248 100
250 98.2 76.8 115.2
141 82.0 68.6 103.0

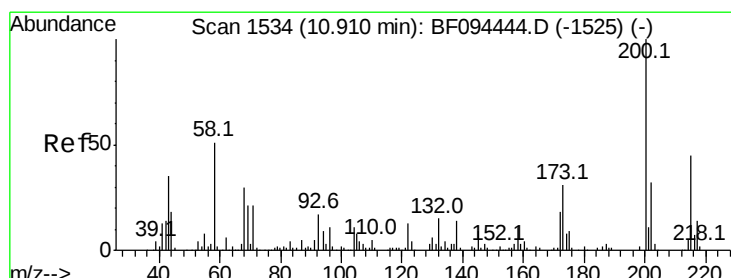
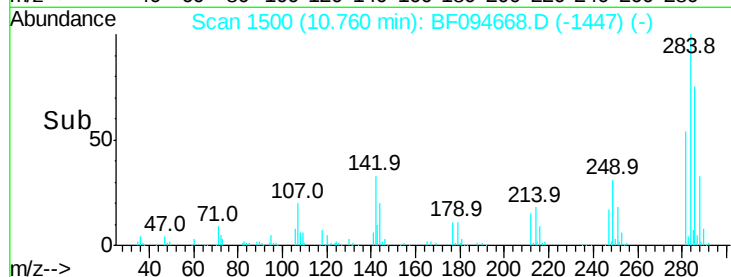
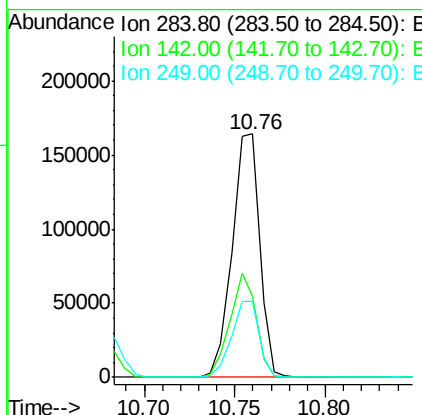
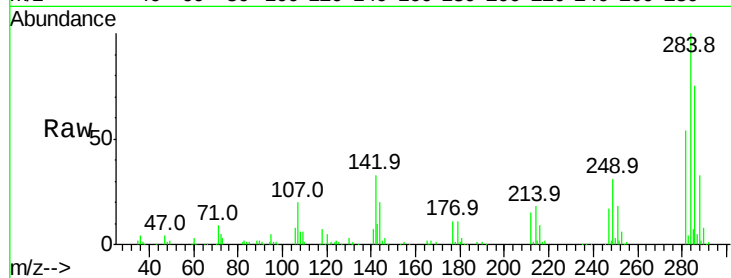




#67
Hexachlorobenzene
Concen: 43.87 ng
RT: 10.76 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

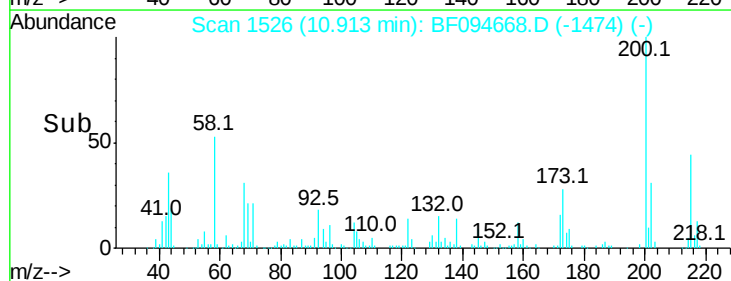
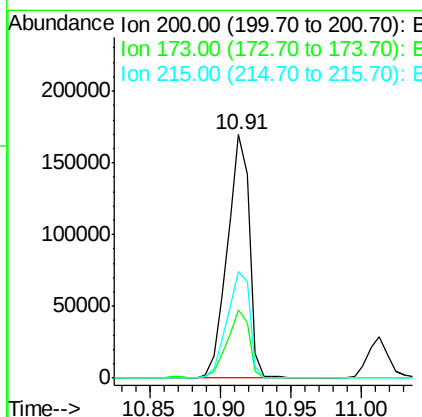
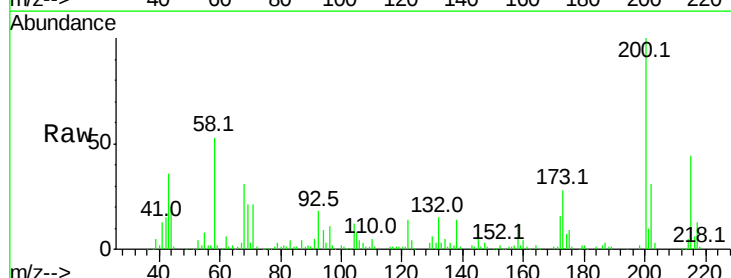
Instrument :
BNA_F
ClientSampleId :

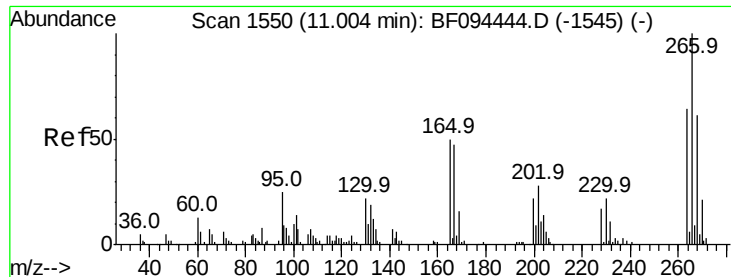
Tot Ion:284 Resp: 174409
Ion Ratio Lower Upper
284 100
142 33.4 22.8 34.2
249 31.0 24.0 36.0



#68
Atrazine
Concen: 44.42 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Tgt Ion:200 Resp: 183592
Ion Ratio Lower Upper
200 100
173 28.0 6.3 46.3
215 43.8 27.2 67.2

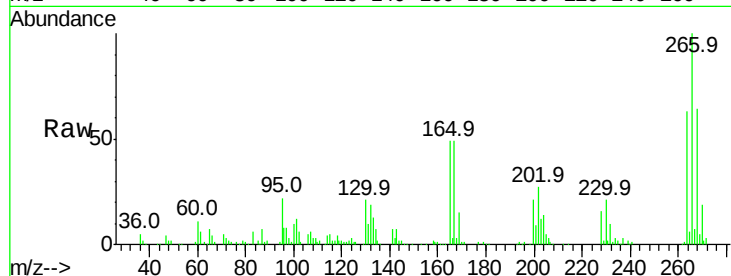




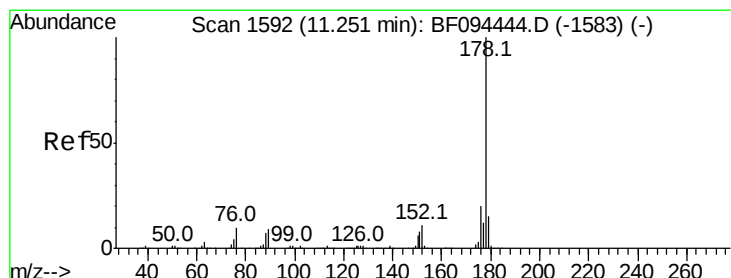
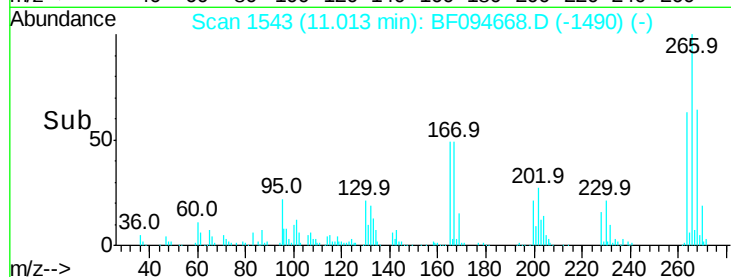
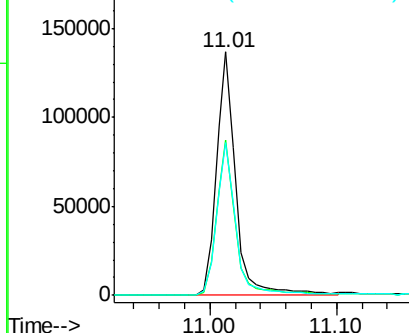
#69
 Pentachlorophenol
 Concen: 93.37 ng
 RT: 11.01 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 147381
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 62.8 51.7 77.5

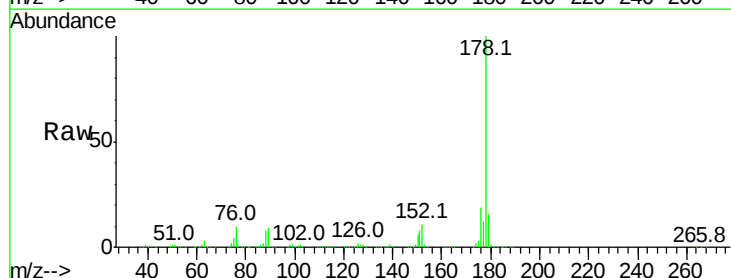


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

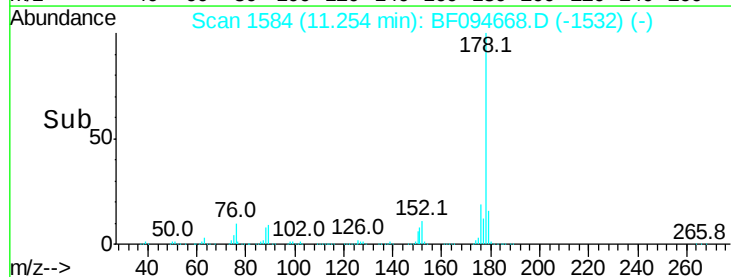
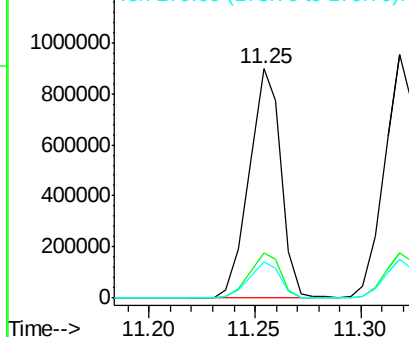


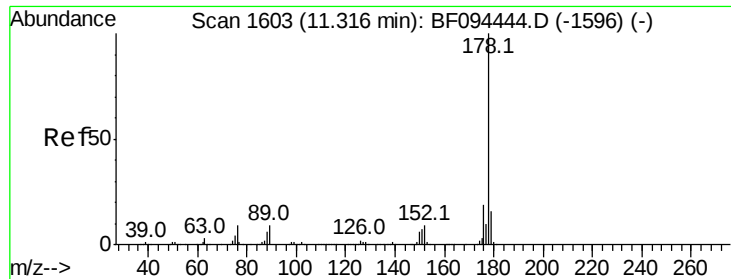
#70
 Phenanthrene
 Concen: 41.99 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Tgt Ion:178 Resp: 939292
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.8 12.6 19.0



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

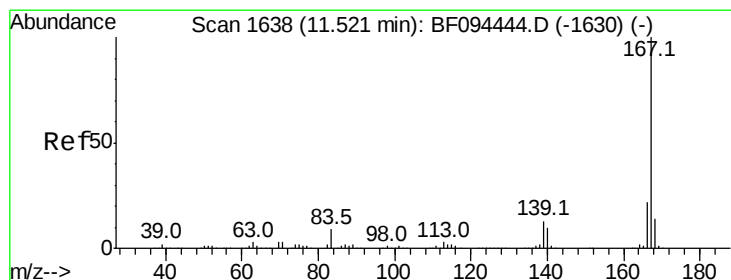
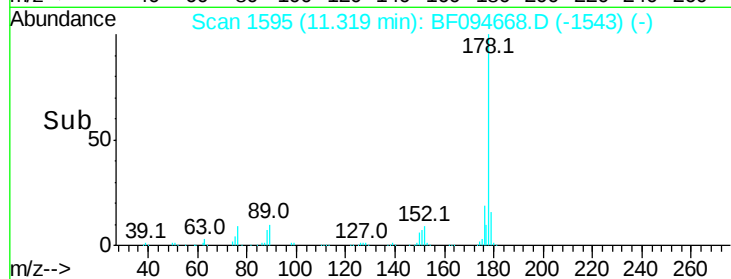
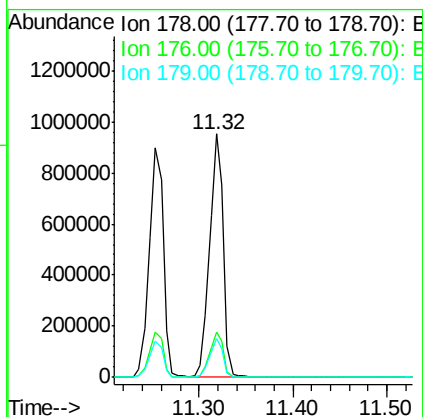
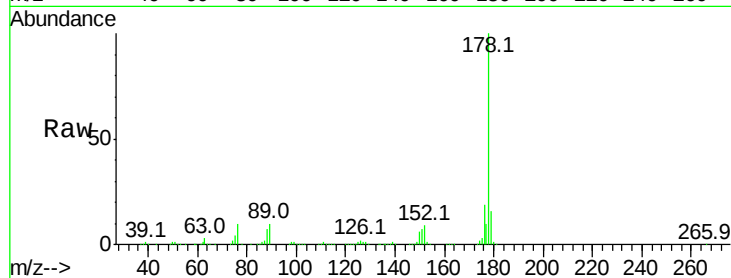




#71
 Anthracene
 Concen: 42.67 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

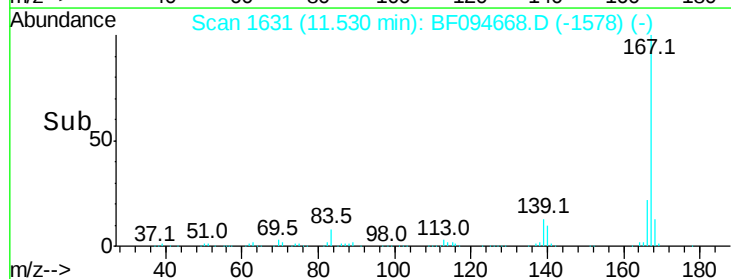
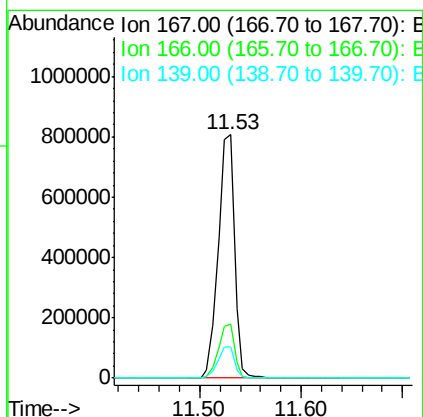
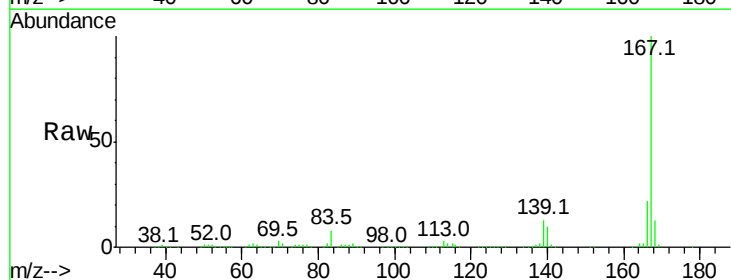
Instrument :
 BNA_F
 ClientSampleId :

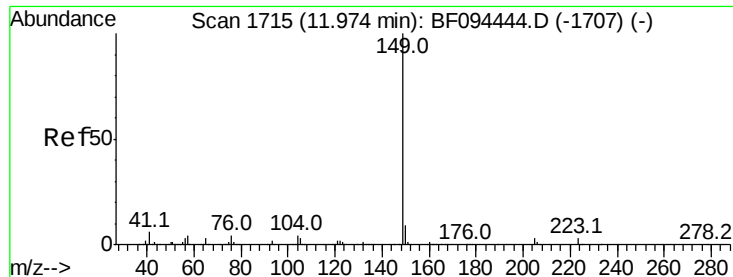
Tot Ion:178 Resp: 987438
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 41.75 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Tgt Ion:167 Resp: 906785
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 12.9 11.7 17.5

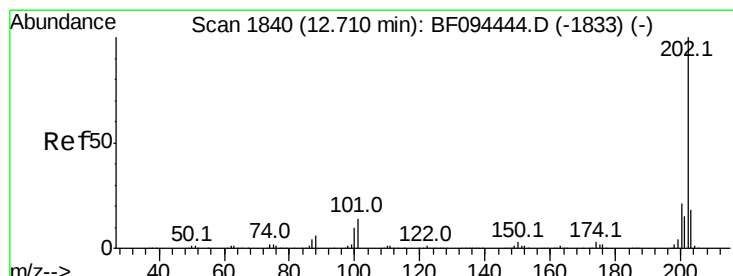
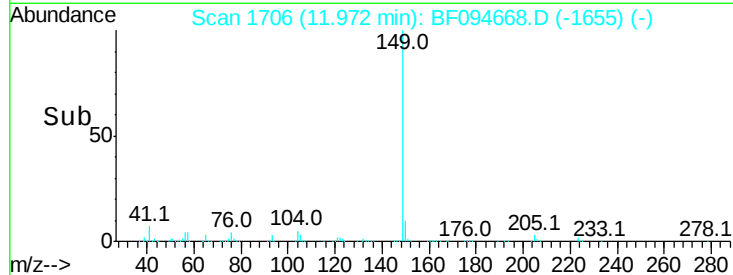
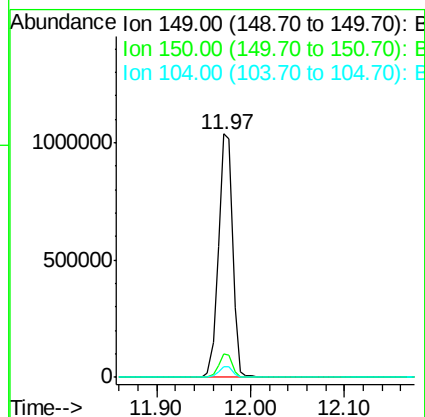
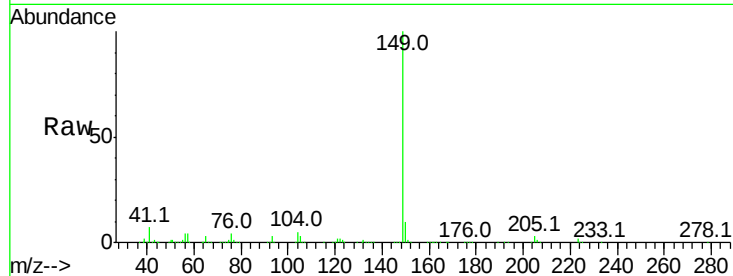




#73
Di-n-butylphthalate
Concen: 46.42 ng
RT: 11.97 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

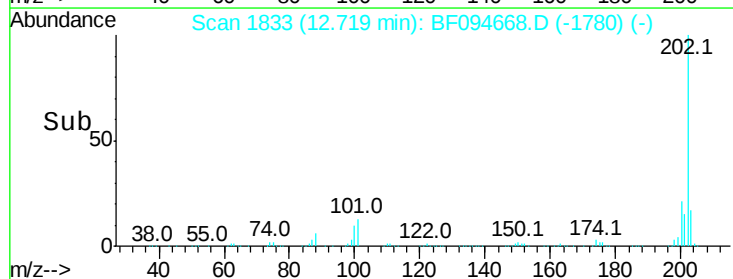
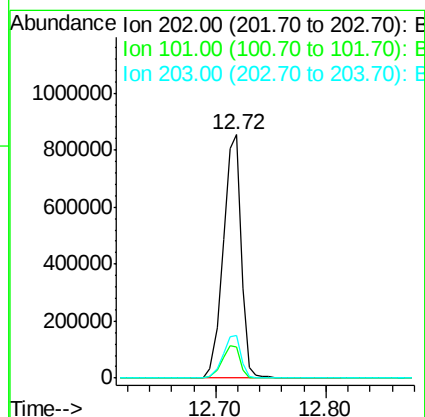
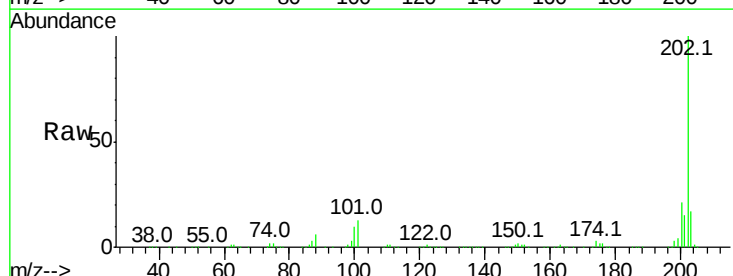
Instrument :
BNA_F
ClientSampleId :

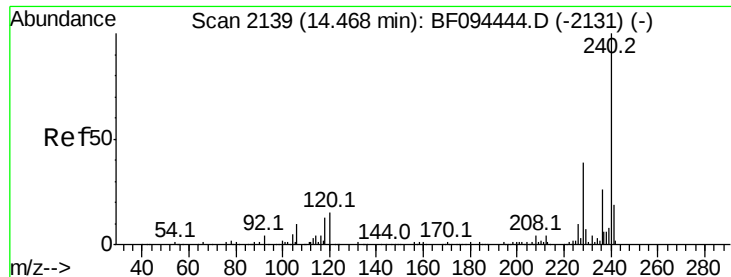
Tot Ion:149 Resp: 1110097
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 41.84 ng
RT: 12.72 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Tgt Ion:202 Resp: 969989
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.2
203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.48 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampleId :

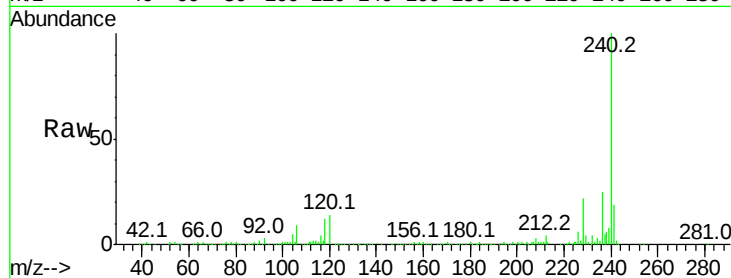
Tot Ion:240 Resp: 313337

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

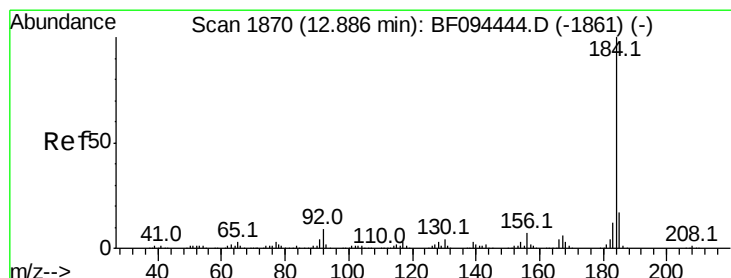
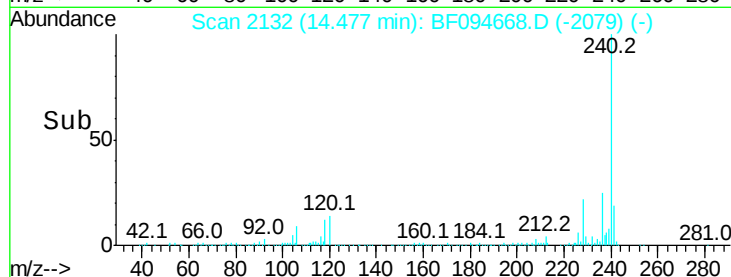
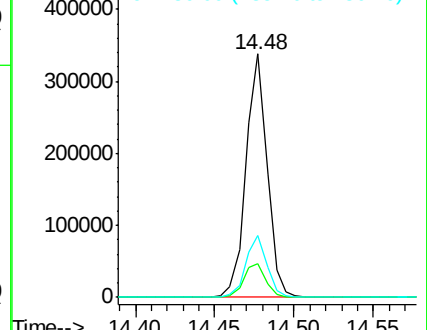
236 25.2 20.5 30.7



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: 32.00 ng

RT: 12.89 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

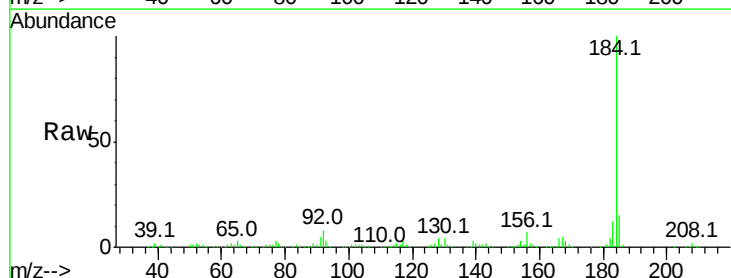
Tgt Ion:184 Resp: 405943

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

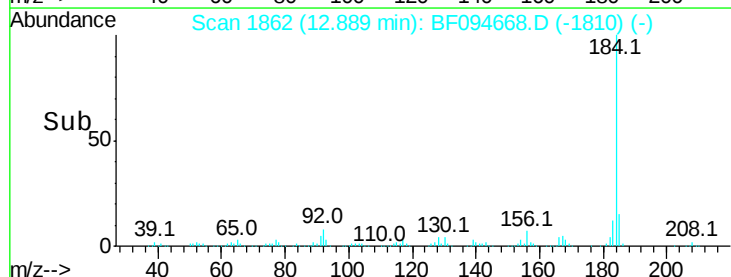
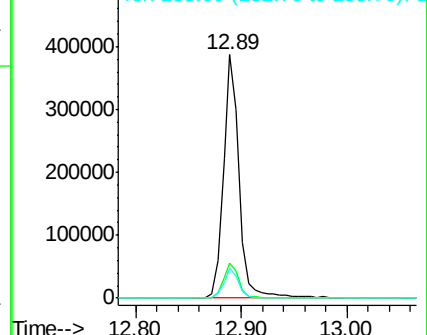
183 12.3 9.8 14.6

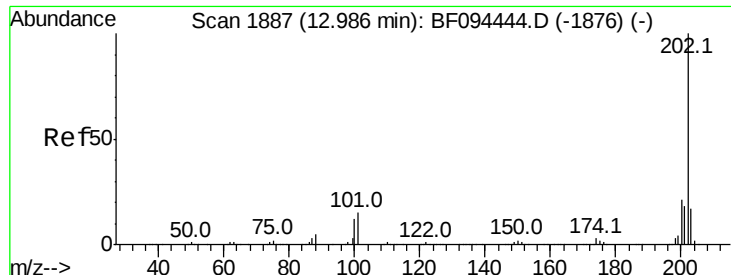


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

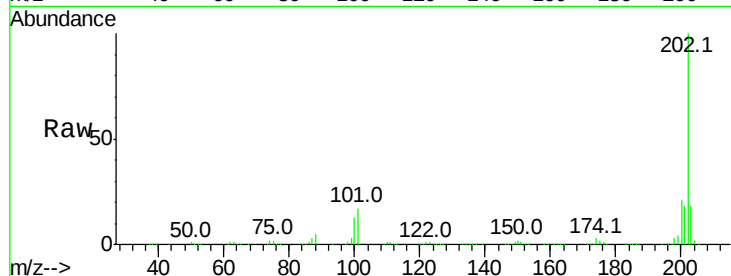




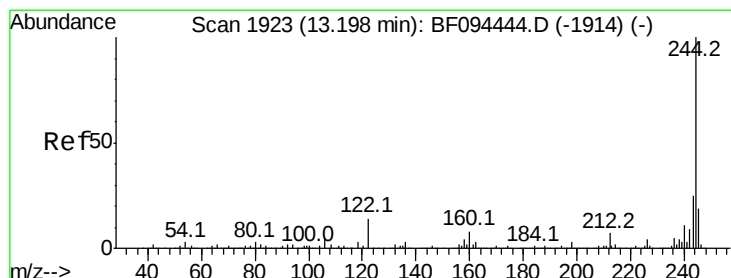
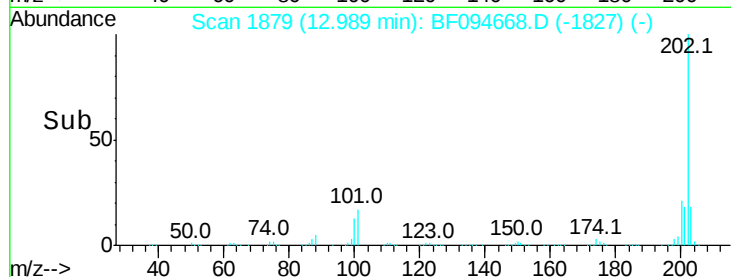
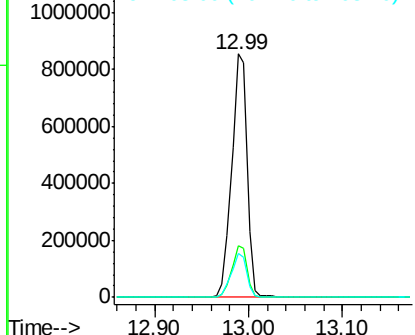
#77
Pvrene
Concen: 44.61 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 976601
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 18.2 14.4 21.6

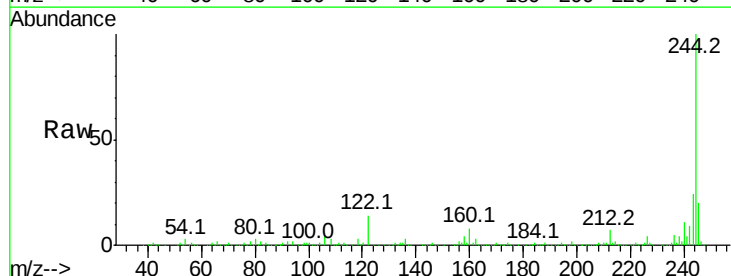


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

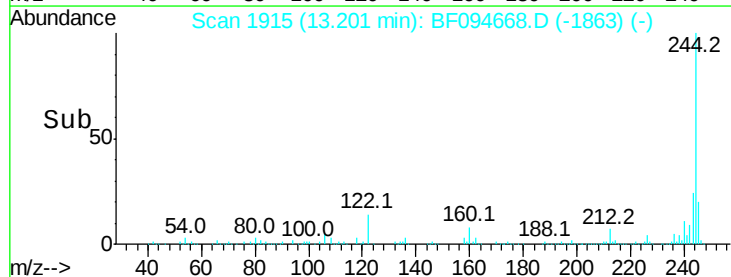
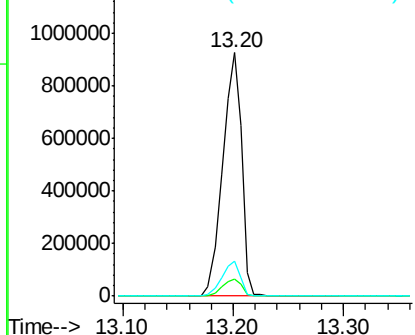


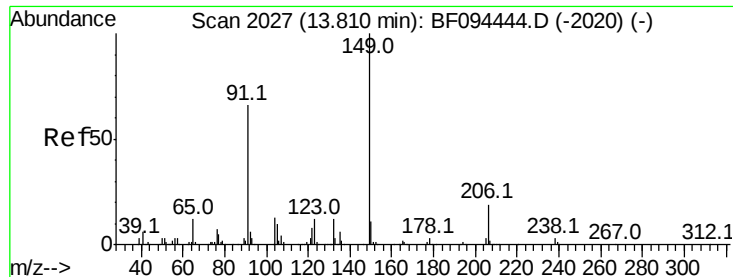
#78
Terphenyl-d14
Concen: 94.61 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Tgt Ion:244 Resp: 1109065
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

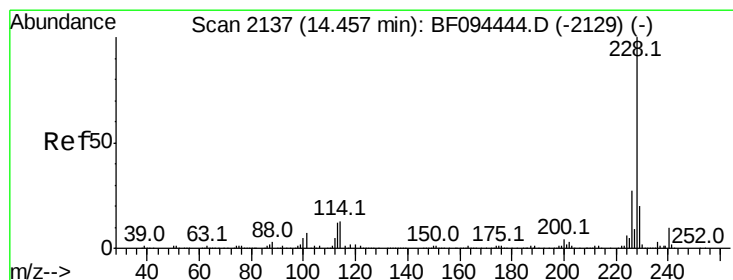
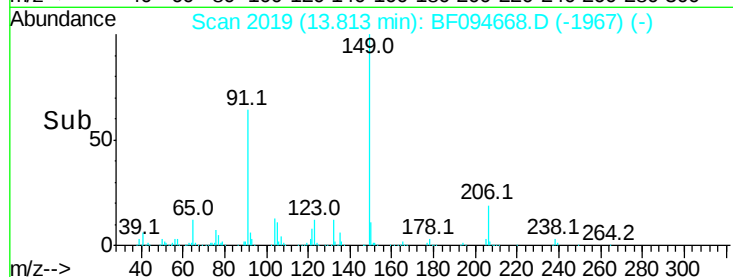
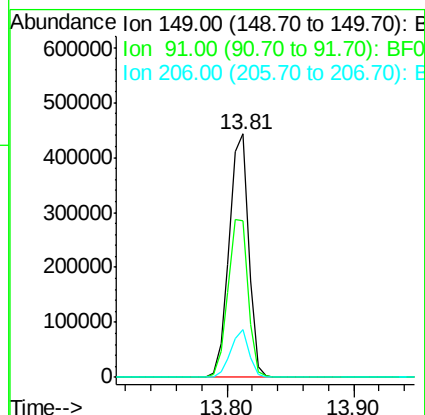
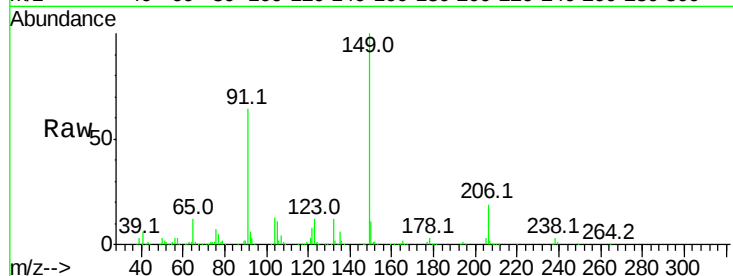




#79
Butylbenzylphthalate
Concen: 49.11 ng
RT: 13.81 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

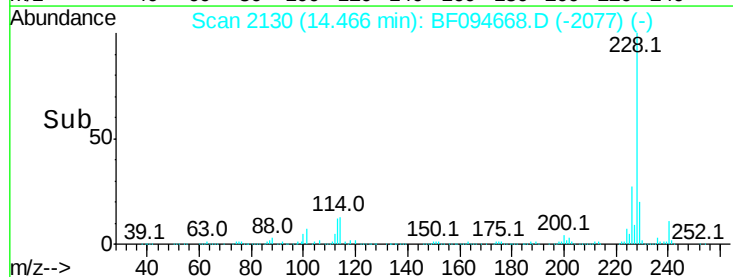
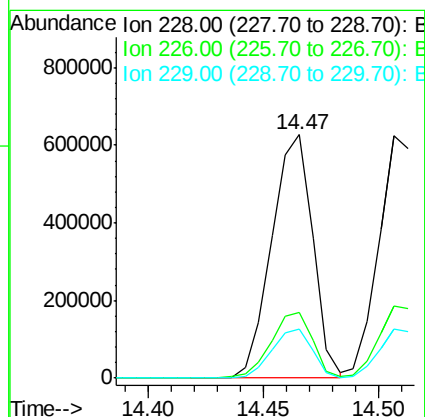
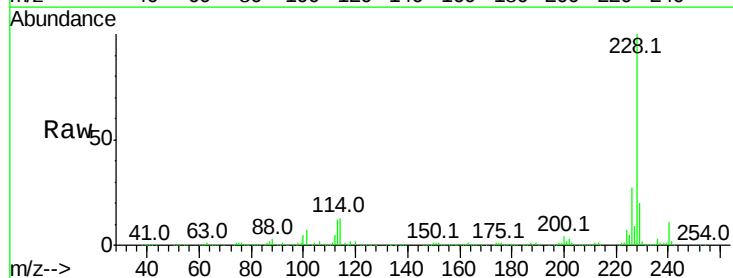
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.5	45.0	67.4
206	19.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 42.55 ng
RT: 14.47 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.9	16.3	24.5

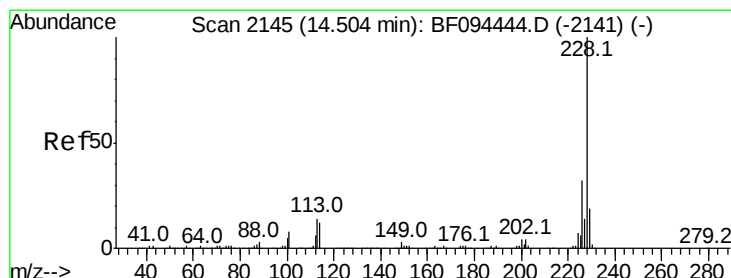
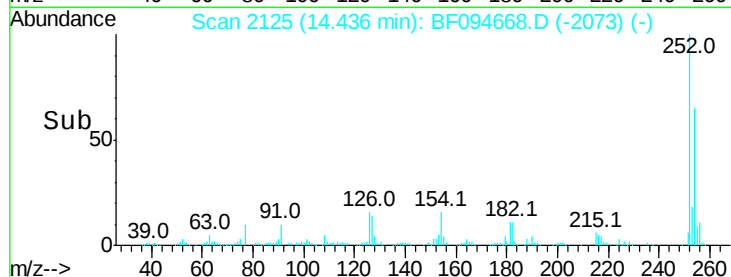
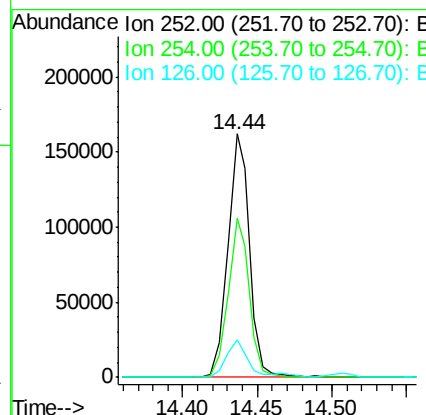
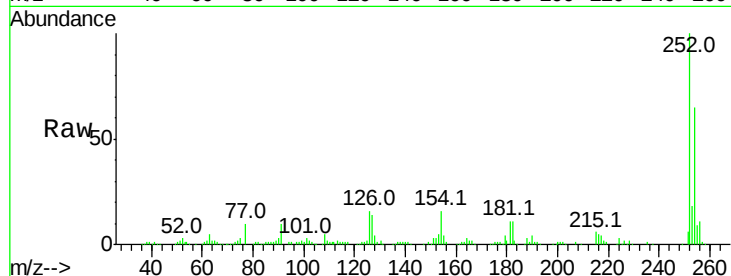




#81
 3,3'-Dichlorobenzidine
 Concen: 25.82 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

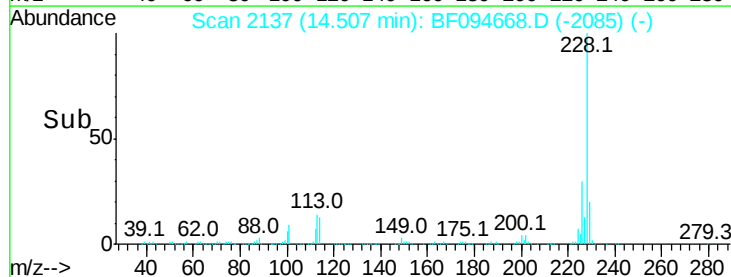
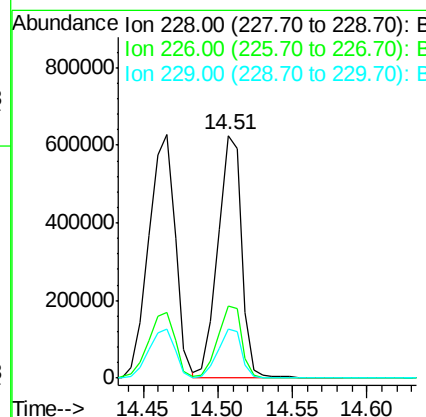
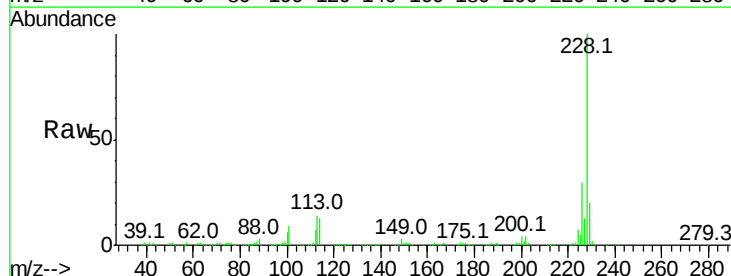
Instrument :
 BNA_F
 ClientSampleId :

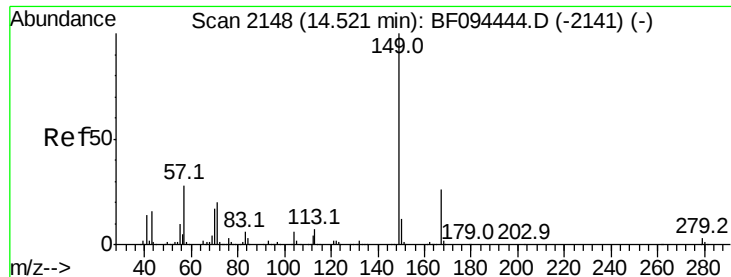
Tot Ion:252 Resp: 166452
 Ion Ratio Lower Upper
 252 100
 254 65.4 51.5 77.3
 126 15.5 15.8 23.8#



#82
 Chrysene
 Concen: 42.00 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Tgt Ion:228 Resp: 698989
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.9 37.3
 229 20.3 15.8 23.6

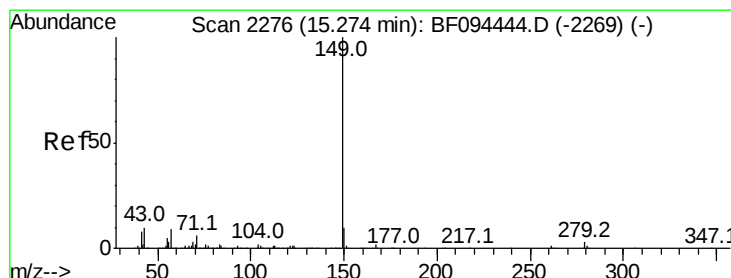
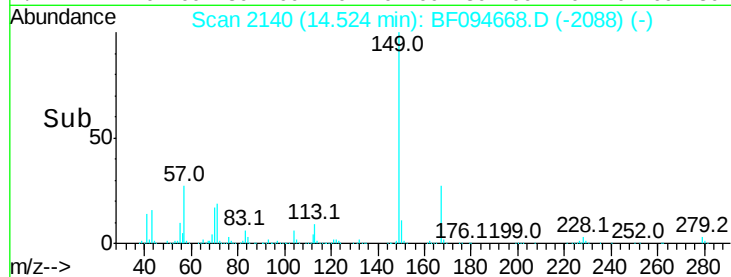
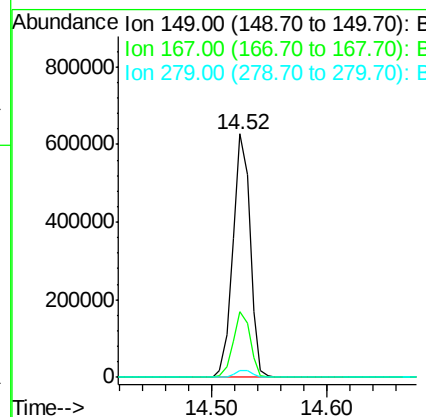
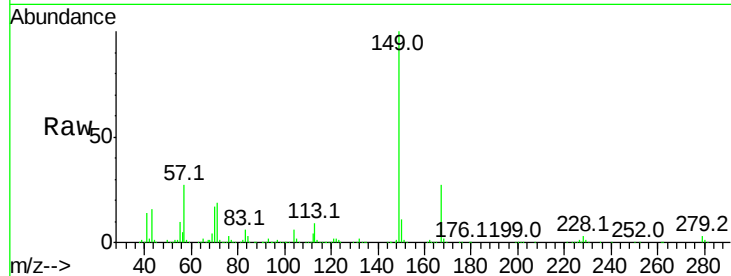




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.40 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

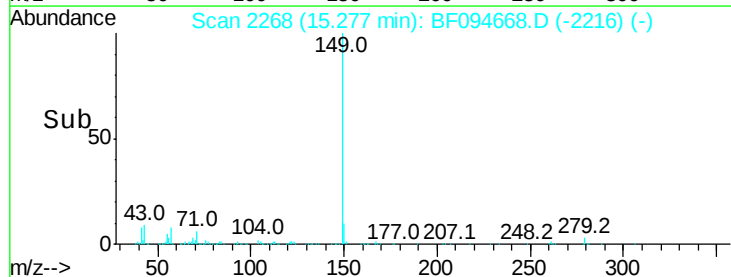
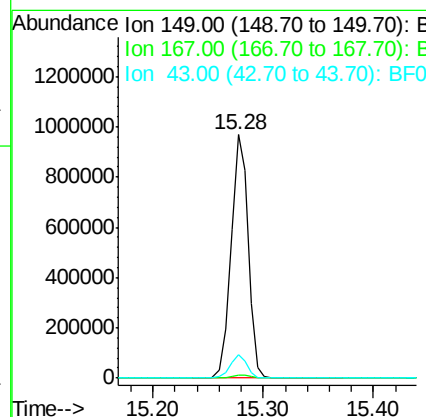
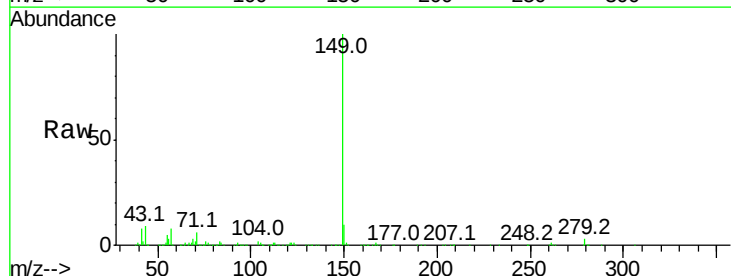
Instrument :
 BNA_F
 ClientSampleId :

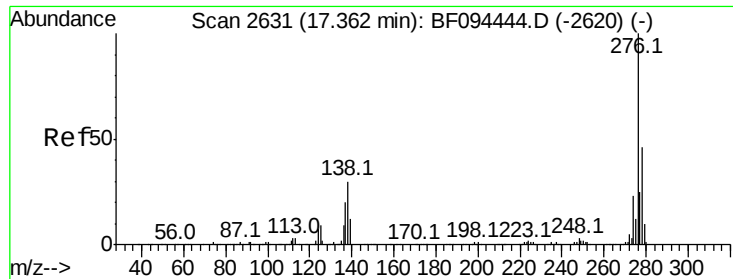
Tot Ion:149 Resp: 649238
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 48.92 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094668.D
 Acq: 27 Apr 2017 17:25

Tgt Ion:149 Resp: 1057010
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 8.5 12.7

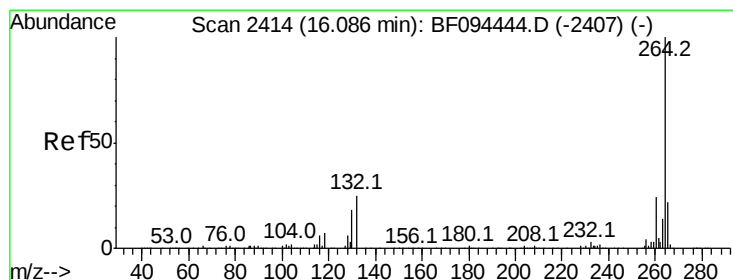
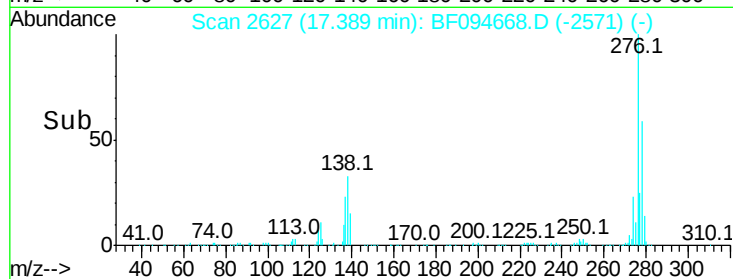
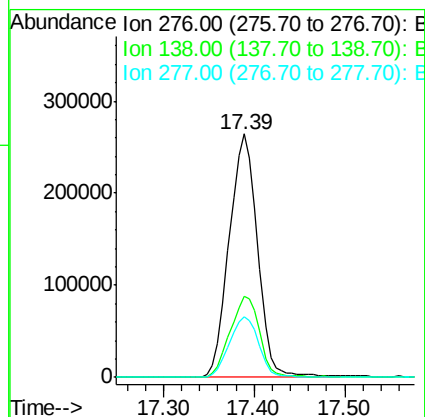
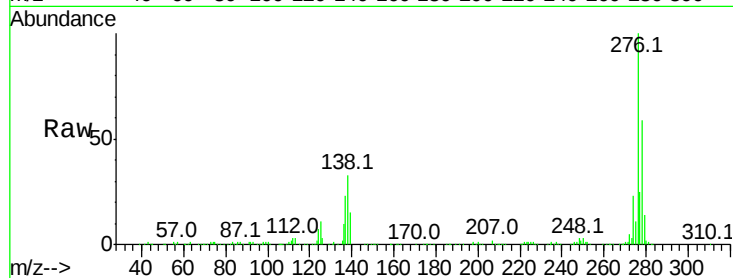




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.42 ng
RT: 17.39 min Scan# 2627
Delta R.T. 0.03 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

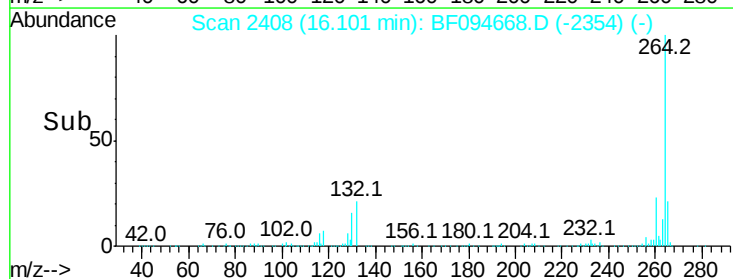
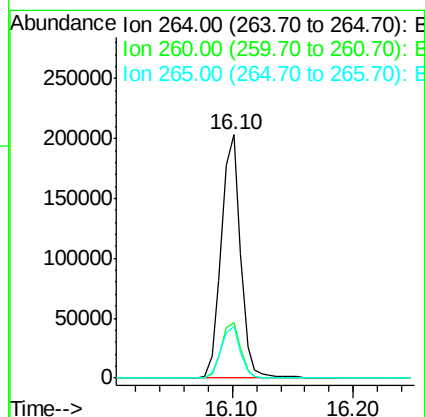
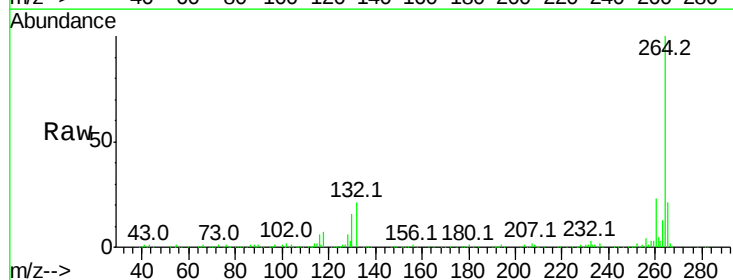
Instrument :
BNA_F
ClientSampleId :

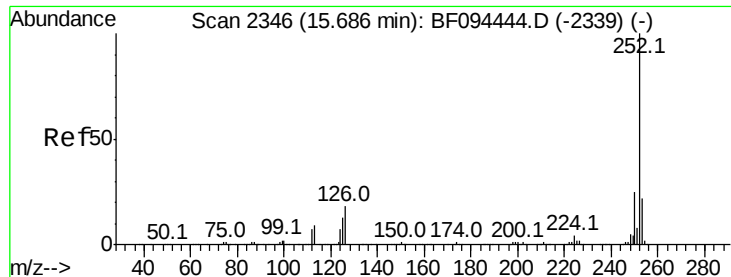
Tot Ion:276 Resp: 576777
Ion Ratio Lower Upper
276 100
138 34.5 27.8 41.6
277 26.0 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094668.D
Acq: 27 Apr 2017 17:25

Tgt Ion:264 Resp: 223577
Ion Ratio Lower Upper
264 100
260 22.9 19.5 29.3
265 21.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 43.60 ng

RT: 15.70 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampleId :

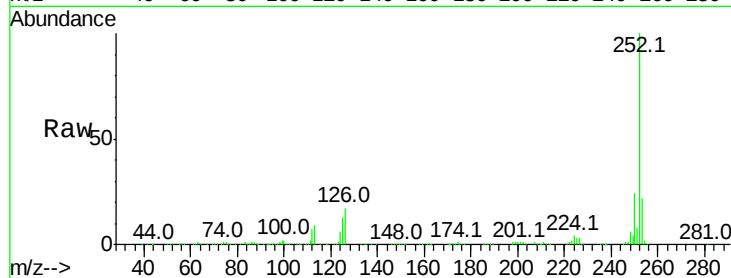
Tot Ion:252 Resp: 596287

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

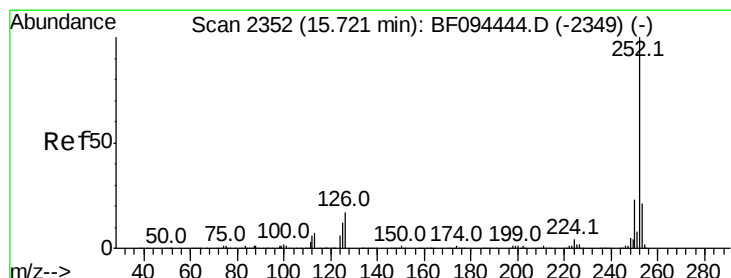
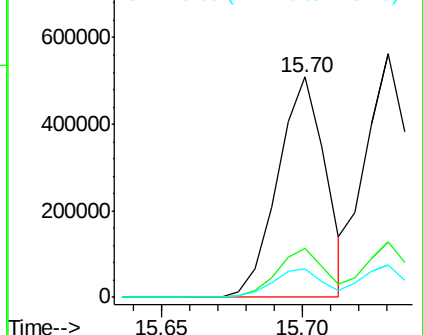
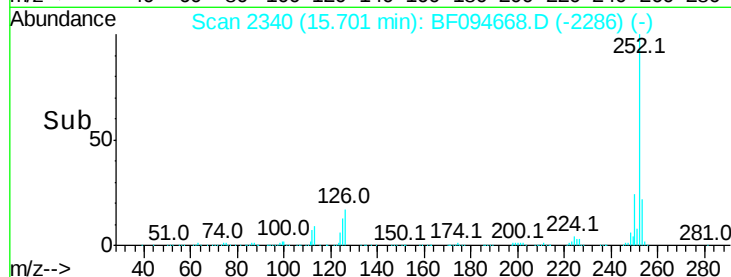
125 12.8 9.8 14.8



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: 45.95 ng

RT: 15.73 min Scan# 2345

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

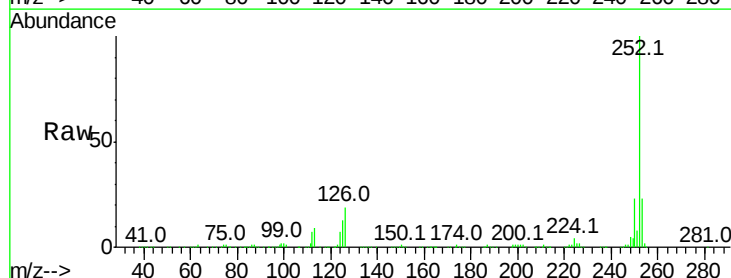
Tgt Ion:252 Resp: 594720

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

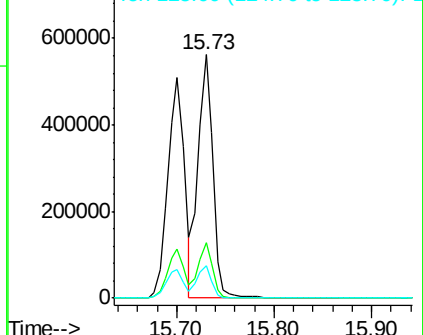
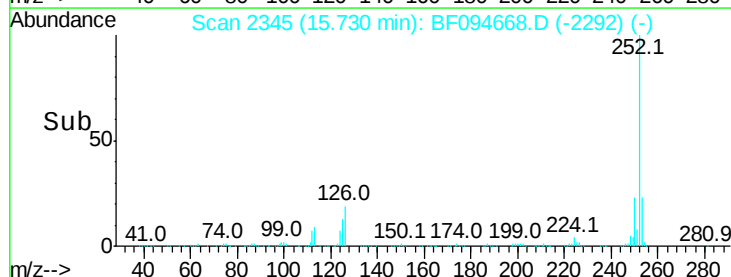
125 13.1 13.1 19.7#

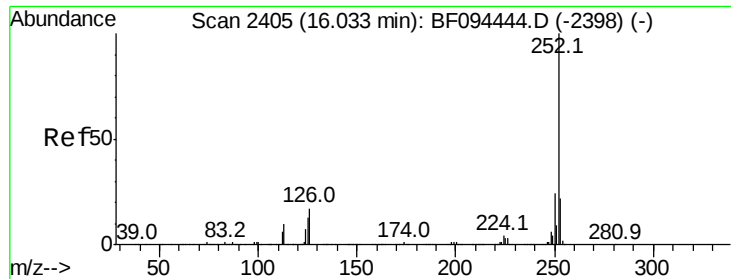


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.06 ng

RT: 16.05 min Scan# 2399

Delta R.T. 0.01 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampleId :

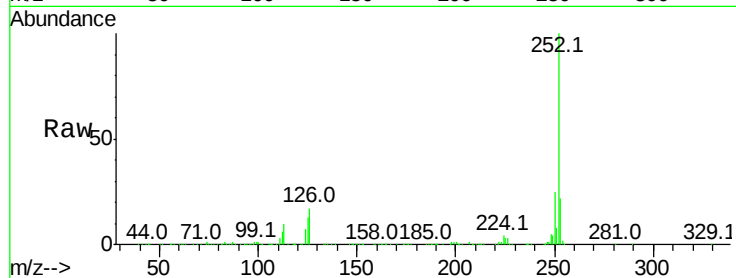
Tot Ion:252 Resp: 547838

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

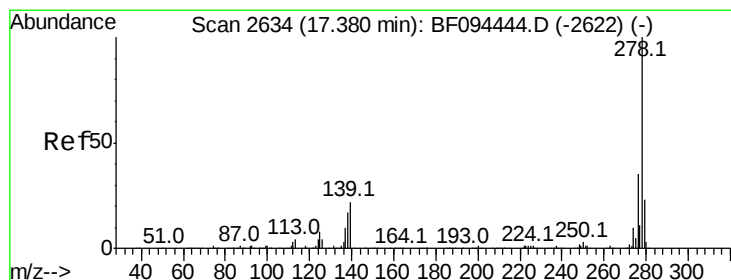
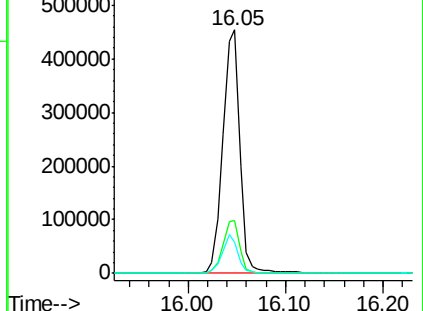
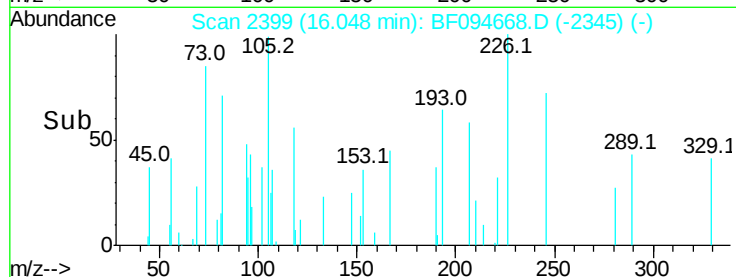
125 13.0 11.0 16.4



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: 45.43 ng

RT: 17.40 min Scan# 2629

Delta R.T. 0.02 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

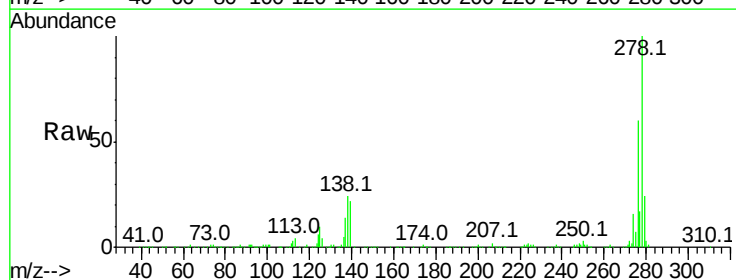
Tgt Ion:278 Resp: 479953

Ion Ratio Lower Upper

278 100

139 22.2 16.6 24.8

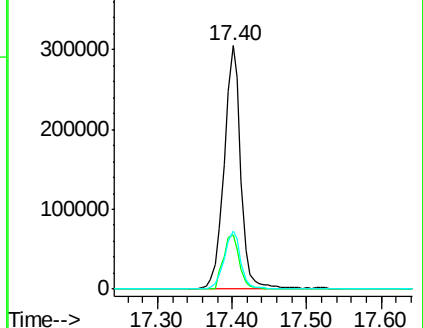
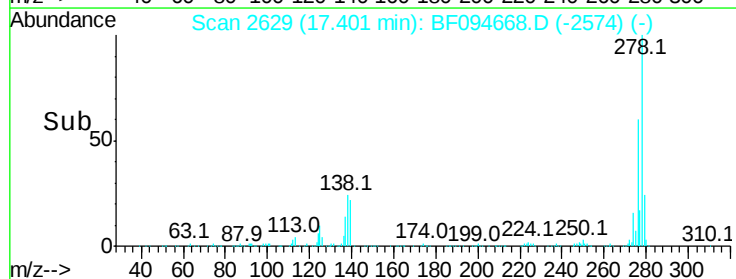
279 24.1 19.3 28.9

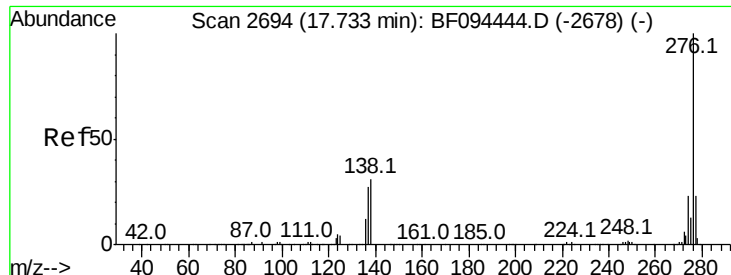


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.23 ng

RT: 17.77 min Scan# 2691

Delta R.T. 0.03 min

Lab File: BF094668.D

Acq: 27 Apr 2017 17:25

Instrument :

BNA_F

ClientSampleId :

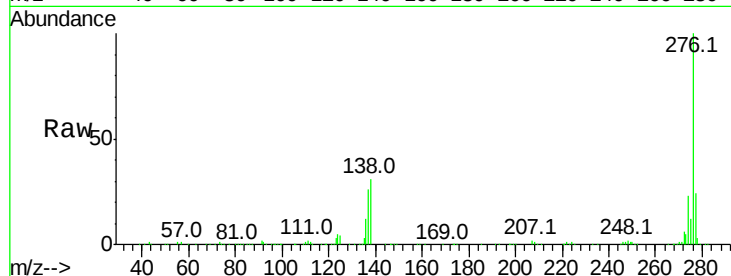
Tot Ion:276 Resp: 486489

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 31.5 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

