

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096215.D
 Acq On : 27 Jun 2017 13:39
 Operator : SJ/MA
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 27 16:47:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	217671	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	921080	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	388667	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	623694	20.00	ng	0.00
75) Chrysene-d12	13.93	240	431003	20.00	ng	0.01
86) Perylene-d12	15.34	264	413687	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1199406	79.38	ng	0.01
7) Phenol-d6	6.41	99	1467625	80.22	ng	0.02
23) Nitrobenzene-d5	7.35	82	1173157	88.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	254844	83.32	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1812056	85.38	ng	-0.01
78) Terphenyl-d14	12.87	244	1336817	77.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	295769	41.04	ng	# 80
3) Pyridine	3.21	79	835371	42.26	ng	# 70
4) n-Nitrosodimethylamine	3.16	42	405048	41.42	ng	# 91
6) Aniline	6.45	93	1012097	40.13	ng	98
8) 2-Chlorophenol	6.57	128	602132	40.62	ng	98
9) Benzaldehyde	6.33	77	463031	42.37	ng	98
10) Phenol	6.42	94	831776	41.36	ng	96
11) bis(2-Chloroethyl)ether	6.52	93	654338	39.76	ng	90
12) 1,3-Dichlorobenzene	6.72	146	649956	39.78	ng	98
13) 1,4-Dichlorobenzene	6.80	146	654600	39.91	ng	94
14) 1,2-Dichlorobenzene	6.96	146	590985	39.55	ng	96
15) Benzyl Alcohol	6.92	79	512186	41.49	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1394816	40.12	ng	92
17) 2-Methylphenol	7.03	107	518578	40.33	ng	98
18) Hexachloroethane	7.30	117	244146	41.27	ng	# 79
19) n-Nitroso-di-n-propylamine	7.20	70	440017	40.15	ng	# 88
20) 3+4-Methylphenols	7.19	107	577319	39.37	ng	96
22) Acetophenone	7.19	105	756361	39.51	ng	94
24) Nitrobenzene	7.36	77	660496	44.83	ng	95
25) Isophorone	7.60	82	1204544	39.86	ng	97
26) 2-Nitrophenol	7.67	139	296134	44.23	ng	# 82
27) 2,4-Dimethylphenol	7.72	122	544154	39.85	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	807038	39.43	ng	100
29) 2,4-Dichlorophenol	7.92	162	478933	41.13	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	457765	39.61	ng	96
31) Naphthalene	8.09	128	1728100	38.93	ng	99
32) Benzoic acid	7.84	122	414105	43.80	ng	92
33) 4-Chloroaniline	8.13	127	729845	39.71	ng	99
34) Hexachlorobutadiene	8.21	225	231841	40.44	ng	97
35) Caprolactam	8.50	113	167899	41.72	ng	# 66
36) 4-Chloro-3-methylphenol	8.61	107	515735	40.71	ng	89
37) 2-Methylnaphthalene	8.77	142	1121718	38.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	368064	39.12	ng	97
40) Hexachlorocyclopentadiene	8.93	237	175231	41.55	ng	98

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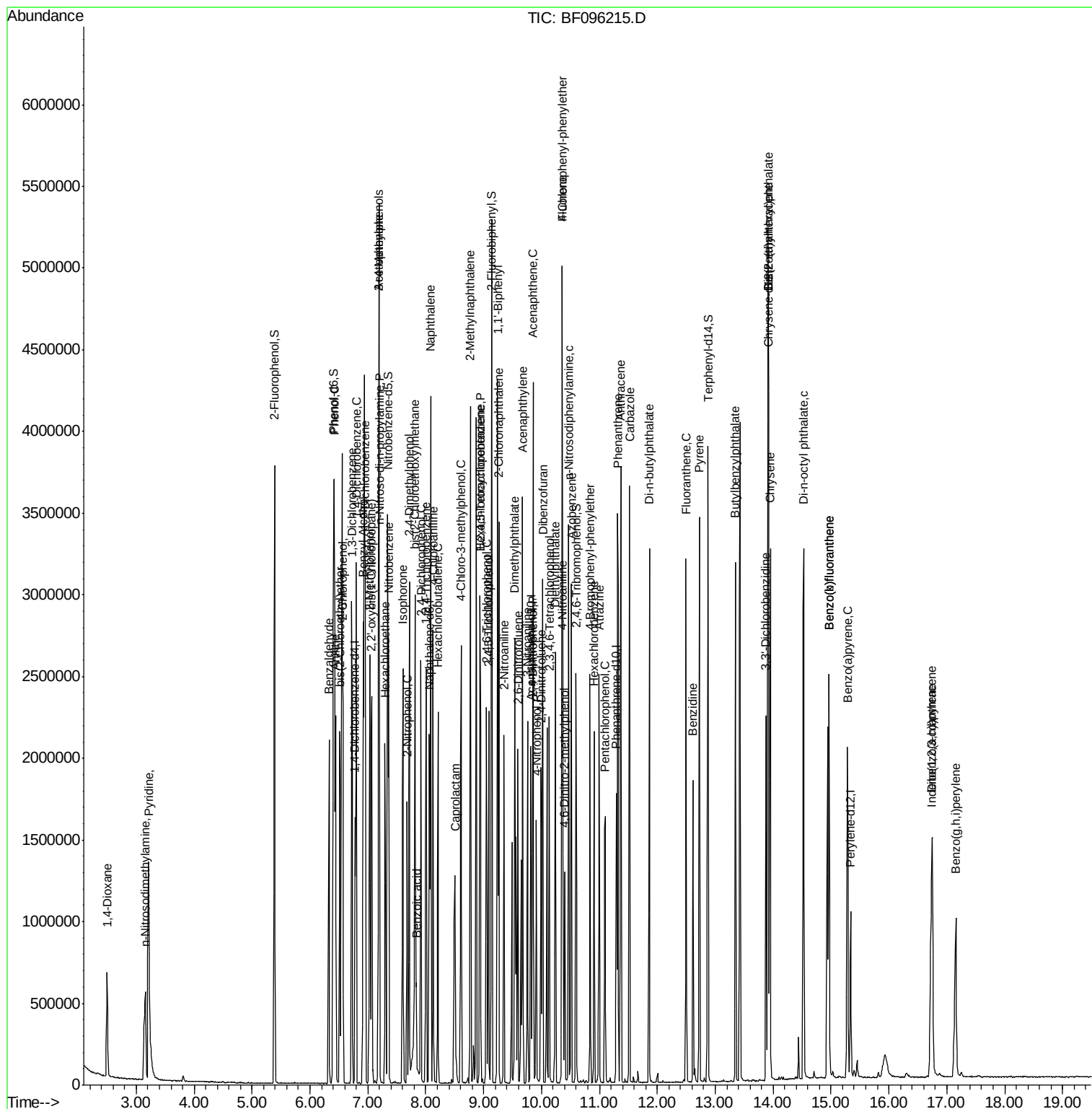
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	291420	41.09	nq	98
43) 2,4,5-Trichlorophenol	9.09	196	316835	42.38	nq	99
45) 1,1'-Biphenyl	9.24	154	1203183	40.35	nq	97
46) 2-Chloronaphthalene	9.26	162	958211	38.74	nq	# 93
47) 2-Nitroaniline	9.35	65	359105	45.96	nq	98
48) Acenaphthylene	9.67	152	1606544	39.14	nq	100
49) Dimethylphthalate	9.54	163	1083216	38.94	nq	99
50) 2,6-Dinitrotoluene	9.60	165	254658	44.01	nq	# 89
51) Acenaphthene	9.85	154	937507	38.81	nq	100
52) 3-Nitroaniline	9.76	138	318073	42.93	nq	96
53) 2,4-Dinitrophenol	9.86	184	90968	46.45	nq	# 80
54) Dibenzofuran	10.02	168	1263287	40.05	nq	99
55) 4-Nitrophenol	9.91	139	265482	44.31	nq	# 63
56) 2,4-Dinitrotoluene	9.99	165	324373	44.48	nq	# 68
57) Fluorene	10.36	166	908255	41.81	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.13	232	211693	40.53	nq	94
59) Diethylphthalate	10.24	149	1088340	38.97	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	368434	42.09	nq	96
61) 4-Nitroaniline	10.37	138	273210	42.38	nq	91
62) Azobenzene	10.52	77	1097414	38.96	nq	93
64) 4,6-Dinitro-2-methylphenol	10.40	198	142023	44.23	nq	83
65) n-Nitrosodiphenylamine	10.47	169	877311	39.11	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	252844	39.40	nq	94
67) Hexachlorobenzene	10.91	284	262440	39.78	nq	# 87
68) Atrazine	11.00	200	237894	40.20	nq	93
69) Pentachlorophenol	11.10	266	169934	45.12	nq	99
70) Phenanthrene	11.32	178	1360124	43.17	nq	100
71) Anthracene	11.37	178	1412370	40.52	nq	99
72) Carbazole	11.52	167	1482562	38.53	nq	100
73) Di-n-butylphthalate	11.86	149	1642450	40.43	nq	99
74) Fluoranthene	12.50	202	1352651	39.04	nq	95
76) Benzidine	12.62	184	601974	37.25	nq	97
77) Pyrene	12.73	202	1396897	39.44	nq	99
79) Butylbenzylphthalate	13.35	149	676533	41.68	nq	# 76
80) Benzo(a)anthracene	13.91	228	1026896	39.09	nq	100
81) 3,3'-Dichlorobenzidine	13.87	252	422099	42.19	nq	98
82) Chrysene	13.95	228	1084473	39.91	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	757117	42.92	nq	98
84) Di-n-octyl phthalate	14.53	149	1549843	42.66	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.73	276	899289	39.87	nq	96
87) Benzo(b)fluoranthene	14.97	252	1008592	37.11	nq	98
88) Benzo(k)fluoranthene	14.97	252	1008592	40.65	nq	97
89) Benzo(a)pyrene	15.29	252	966720	40.28	nq	97
90) Dibenzo(a,h)anthracene	16.75	278	764259	40.66	nq	95
91) Benzo(g,h,i)perylene	17.16	276	763843	39.10	nq	98

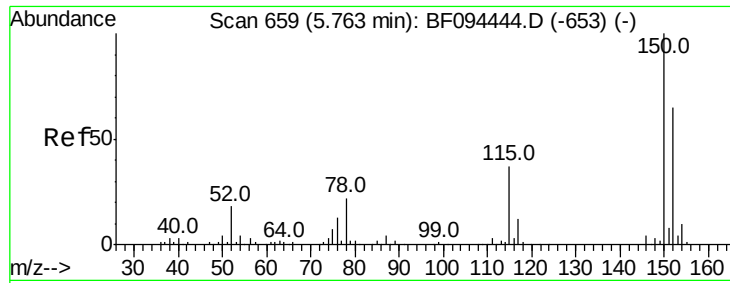
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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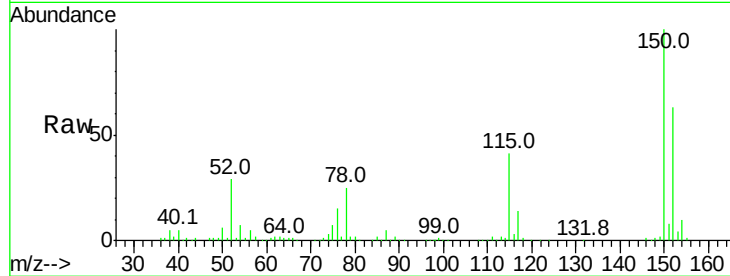


#1

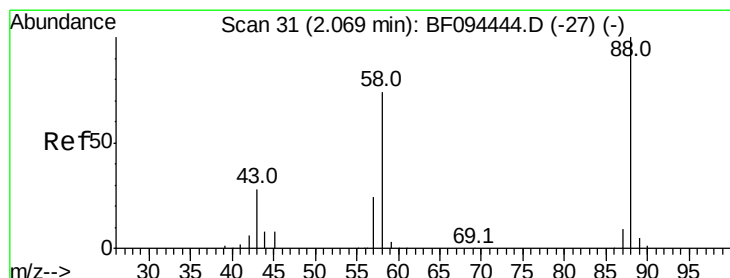
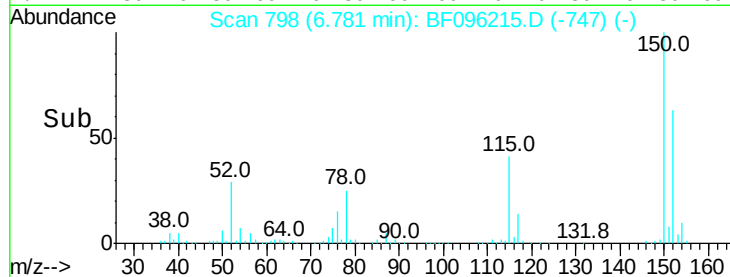
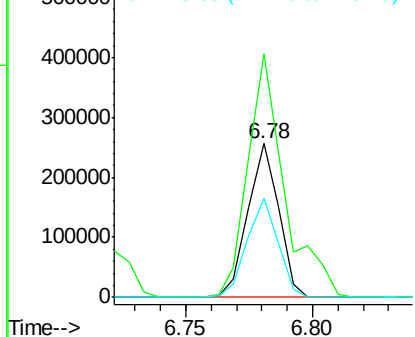
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 217671
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 64.5 52.2 78.2



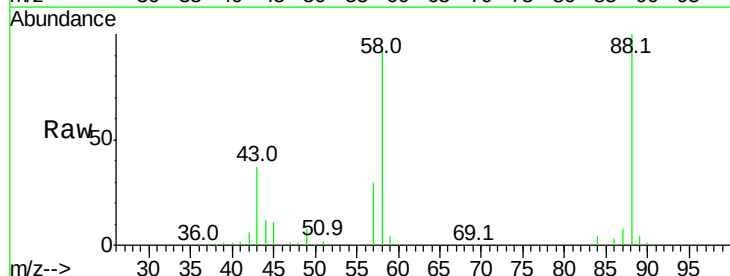
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



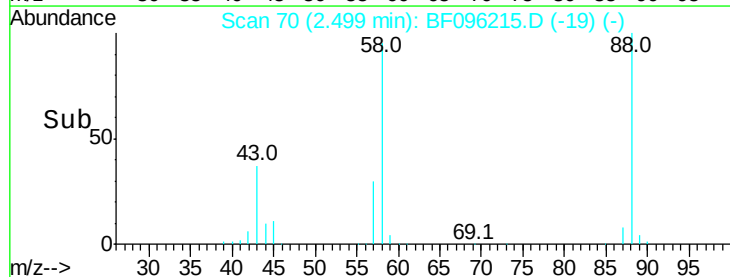
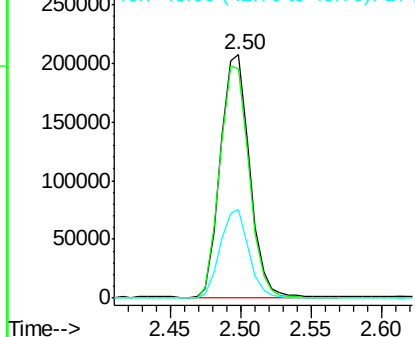
#2

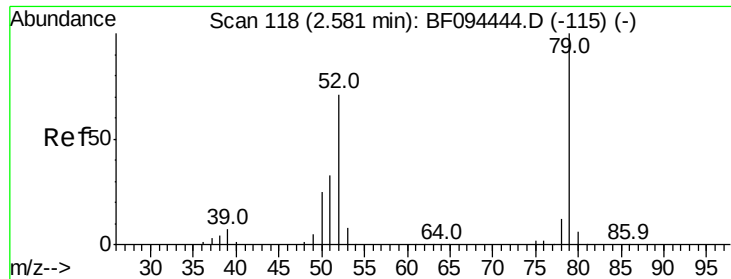
1,4-Dioxane
Concen: 41.04 ng
RT: 2.50 min Scan# 70
Delta R.T. -0.00 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Tgt Ion: 88 Resp: 295769
Ion Ratio Lower Upper
88 100
58 96.5 61.4 92.0#
43 36.1 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: 42.26 ng

RT: 3.21 min Scan# 191

Delta R.T. -0.02 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampleId :

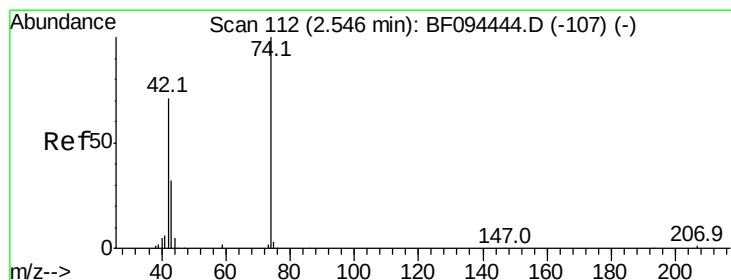
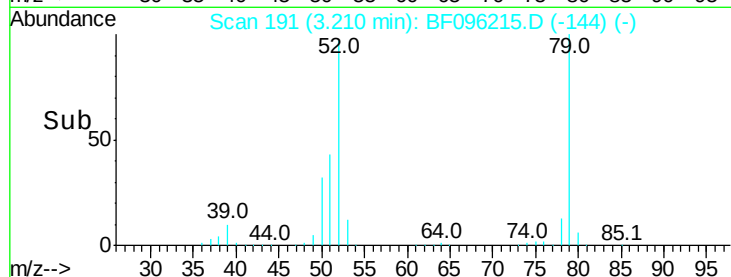
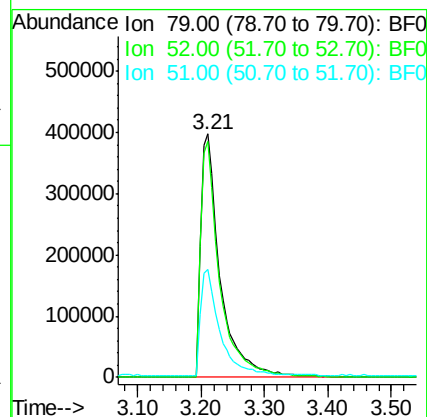
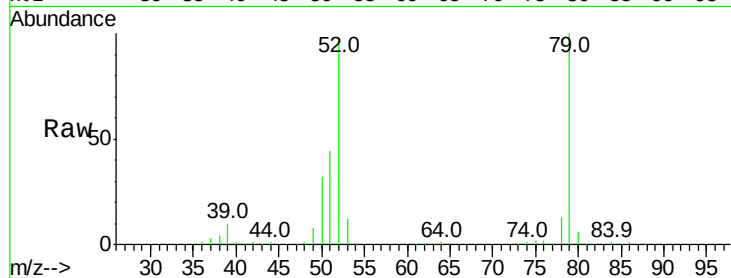
Tot Ion: 79 Resp: 835371

Ion Ratio Lower Upper

79 100

52 97.1 54.8 82.2#

51 44.2 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 41.42 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.02 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

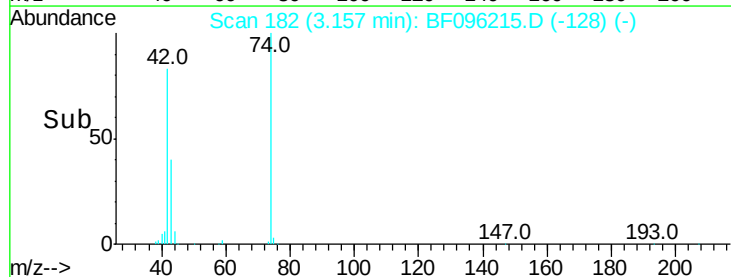
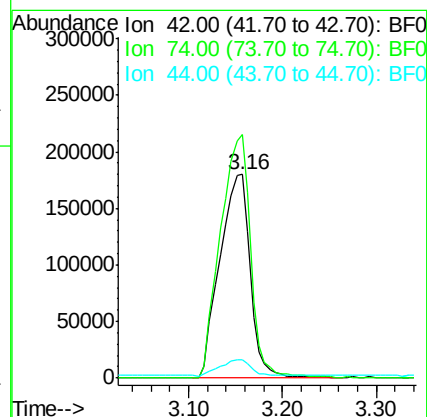
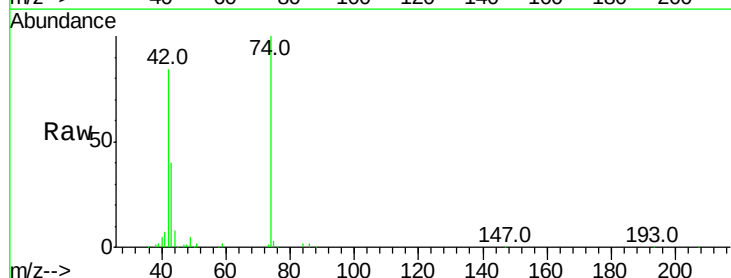
Tgt Ion: 42 Resp: 405048

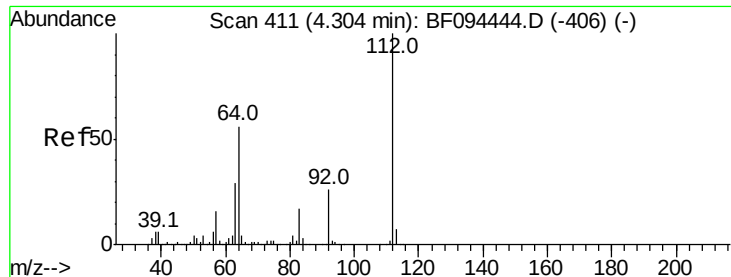
Ion Ratio Lower Upper

42 100

74 119.7 103.9 155.9

44 9.2 5.7 8.5#





#5

2-Fluorophenol

Concen: 79.38 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampleId :

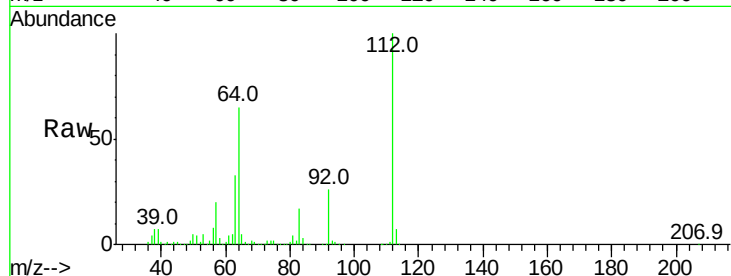
Tot Ion:112 Resp: 1199406

Ion Ratio Lower Upper

112 100

64 64.5 46.0 69.0

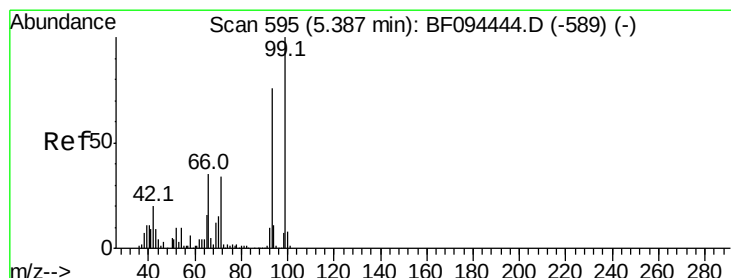
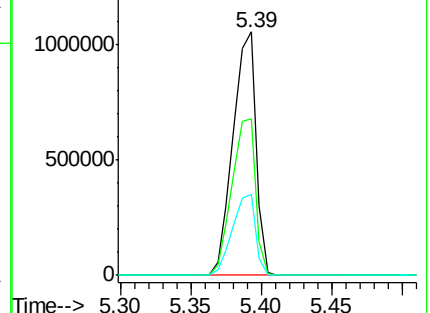
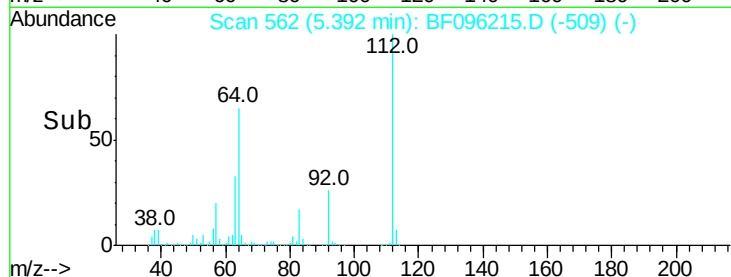
63 33.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.13 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

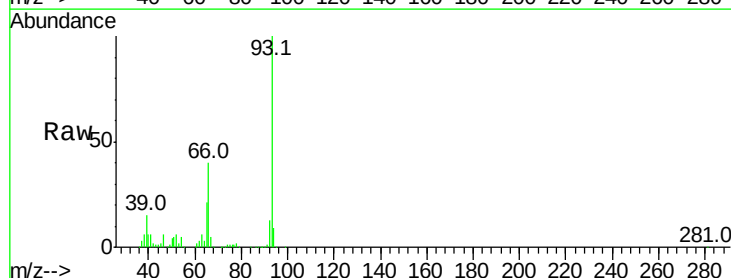
Tgt Ion: 93 Resp: 1012097

Ion Ratio Lower Upper

93 100

66 39.7 32.9 49.3

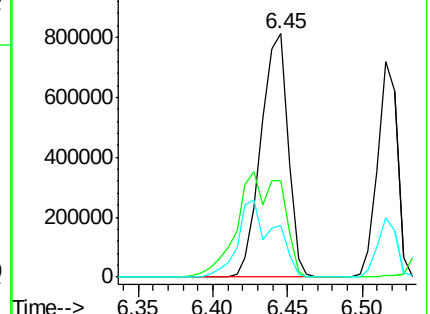
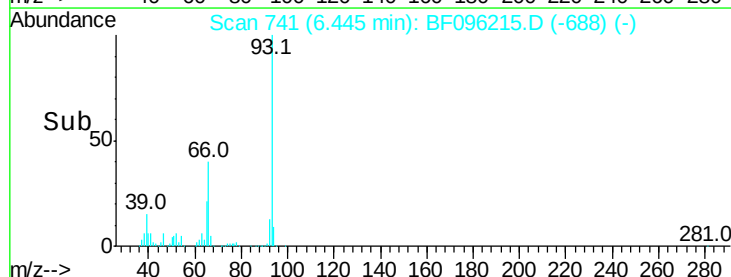
65 21.0 16.0 24.0

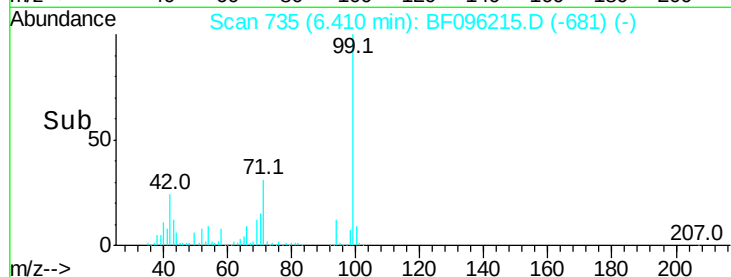
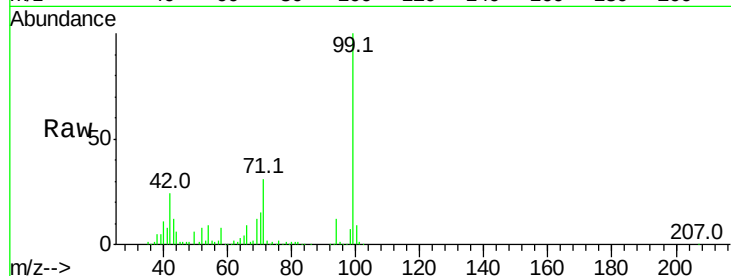
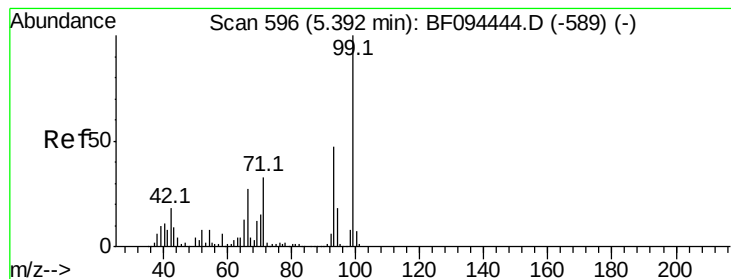


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.22 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF096215.D

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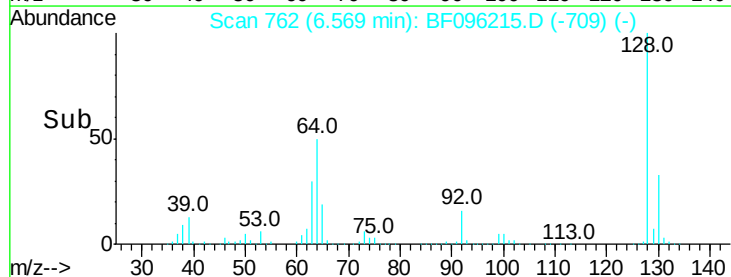
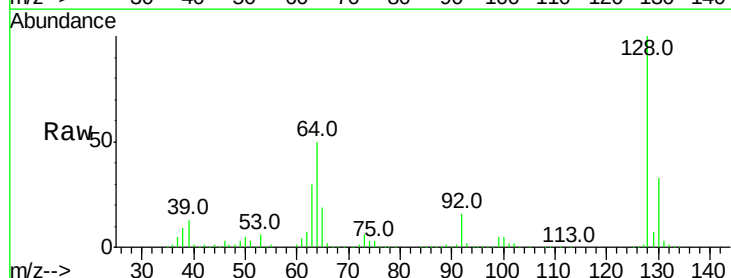
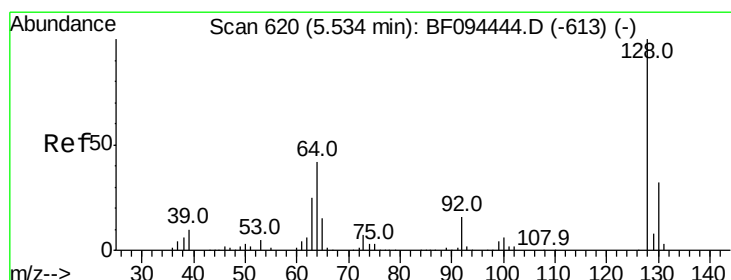
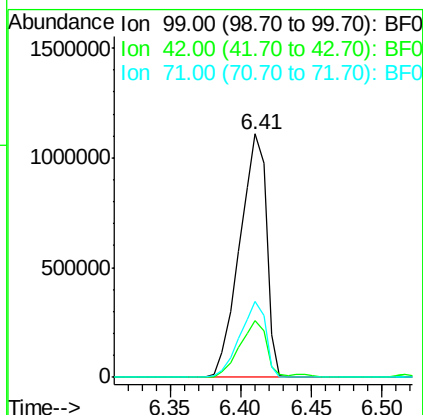
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1467625

Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.5	20.3#
71	31.0	24.5	36.7



#8

2-Chlorophenol

Concen: 40.62 ng

RT: 6.57 min Scan# 762

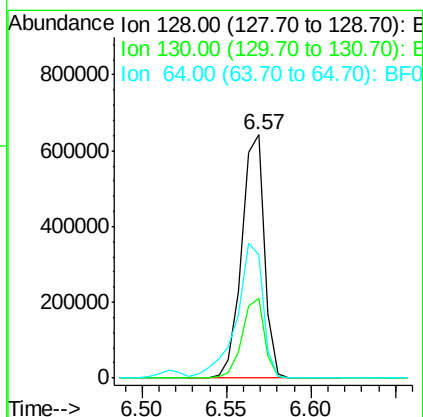
Delta R.T. 0.01 min

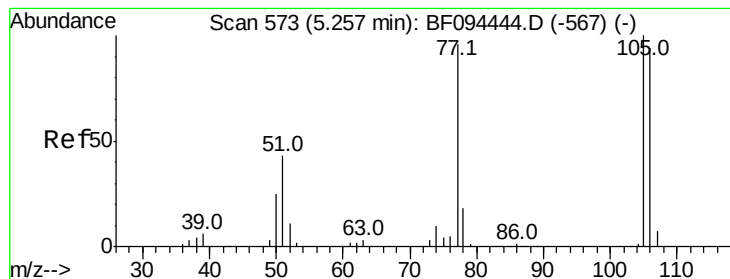
Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Tgt Ion: 128 Resp: 602132

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	50.4	28.4	68.4





#9

Benzaldehyde

Concen: 42.37 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF096215.D

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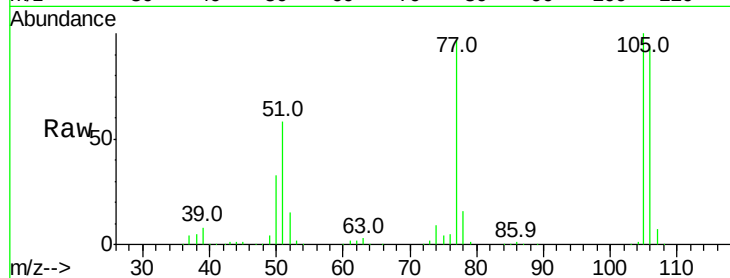
Tot Ion: 77 Resp: 463031

Ion Ratio Lower Upper

77 100

105 103.1 83.8 123.8

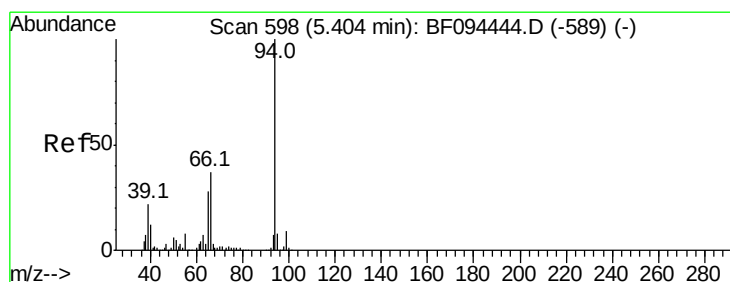
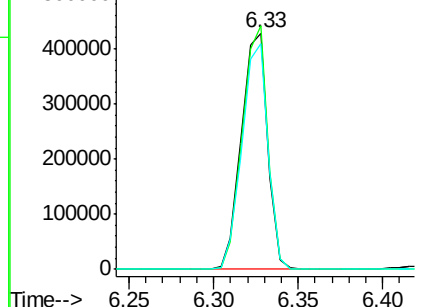
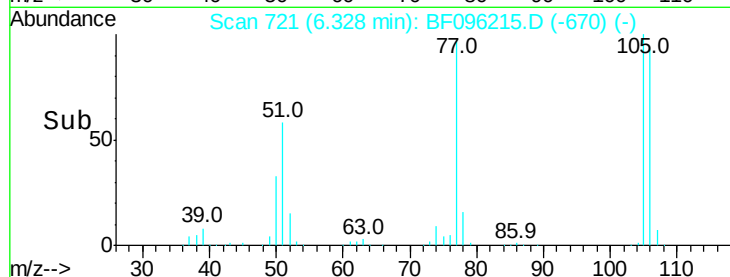
106 95.5 79.1 119.1



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: 41.36 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF096215.D

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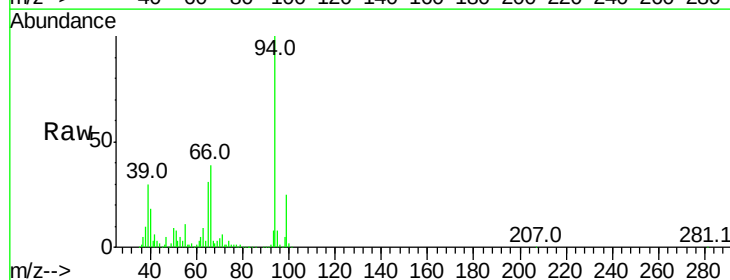
Tgt Ion: 94 Resp: 831776

Ion Ratio Lower Upper

94 100

65 30.8 9.9 49.9

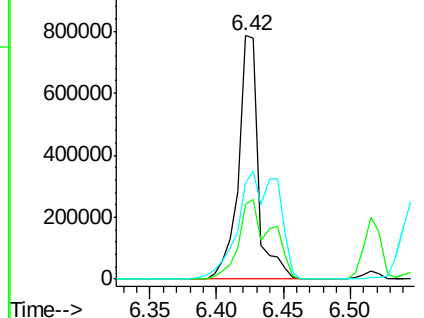
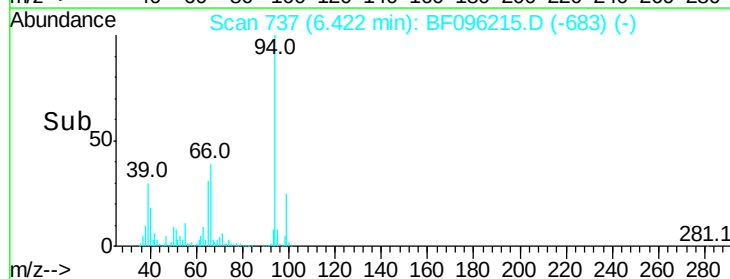
66 39.5 23.1 63.1

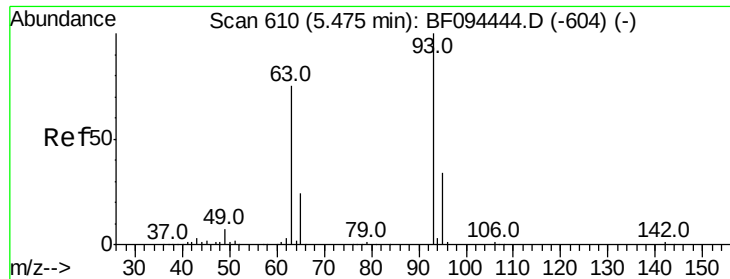


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

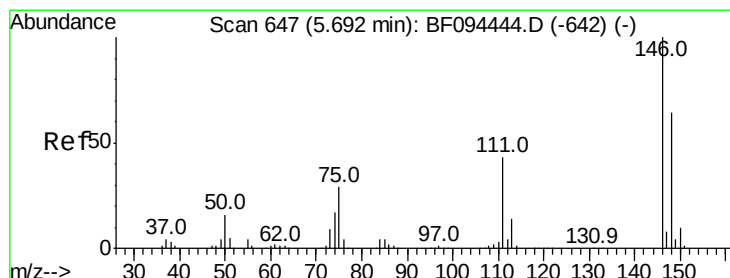
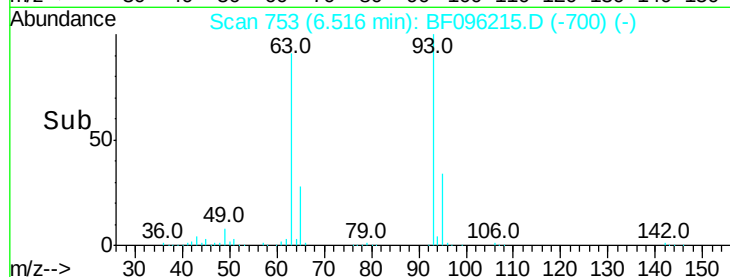
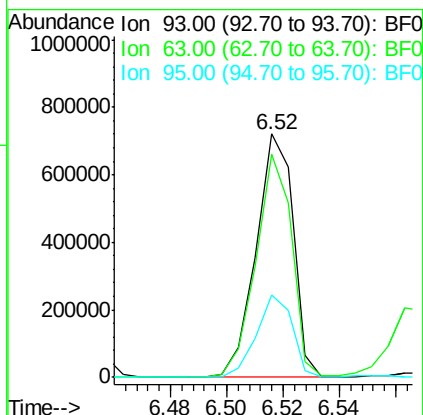
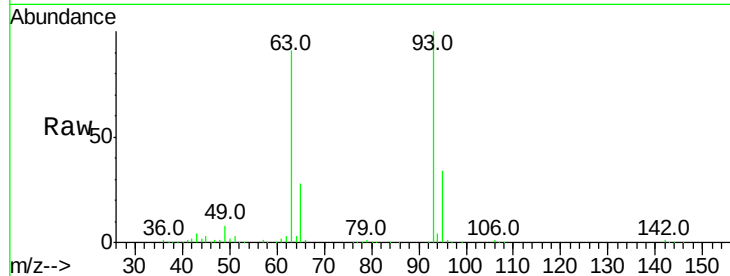




#11
bis(2-Chloroethyl)ether
Concen: 39.76 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

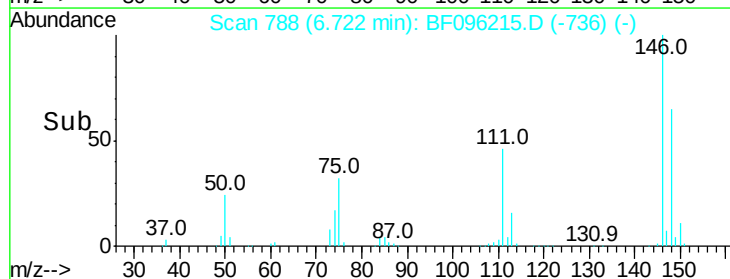
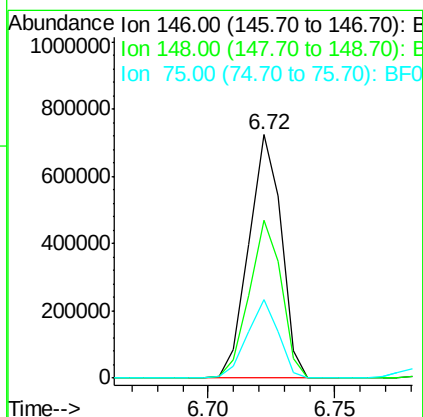
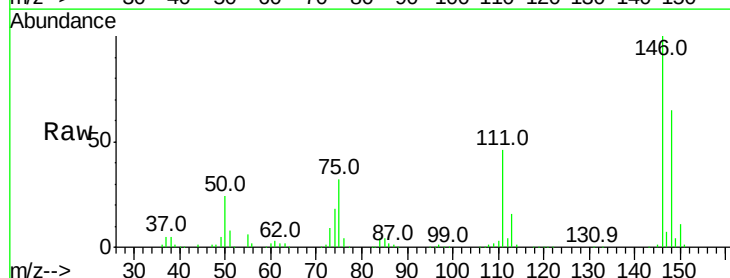
Instrument :
BNA_F
ClientSampled :

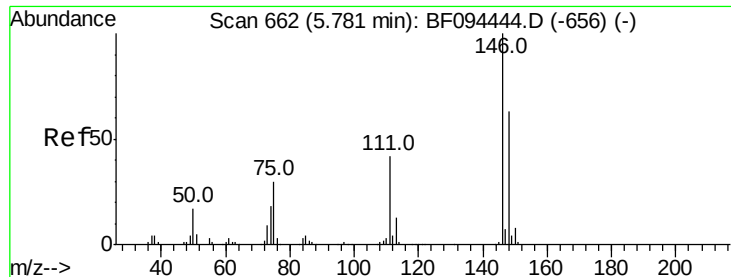
Tot Ion: 93 Resp: 654338
Ion Ratio Lower Upper
93 100
63 91.4 59.2 99.2
95 33.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.78 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Tgt Ion: 146 Resp: 649956
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.6
75 32.2 23.1 34.7

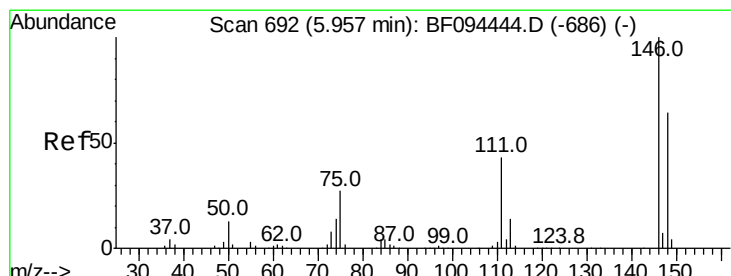
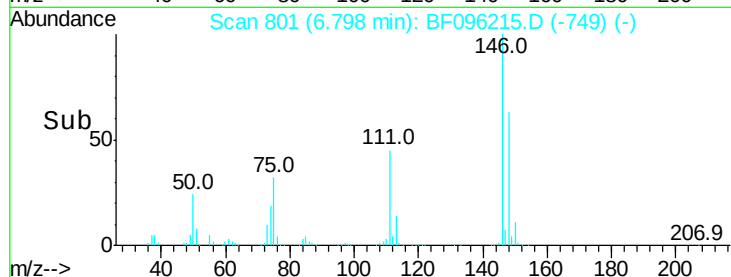
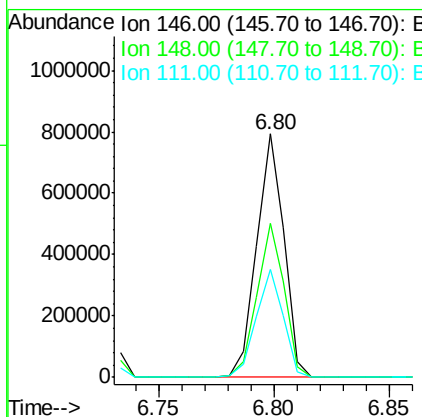
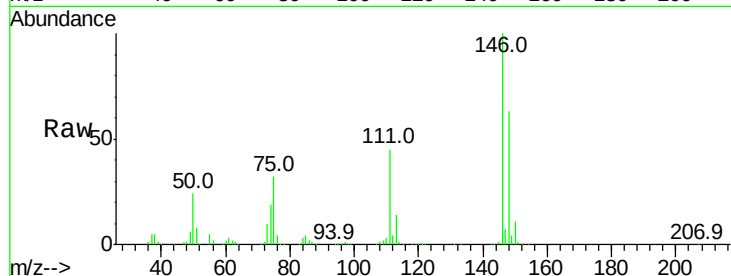




#13
 1,4-Dichlorobenzene
 Concen: 39.91 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

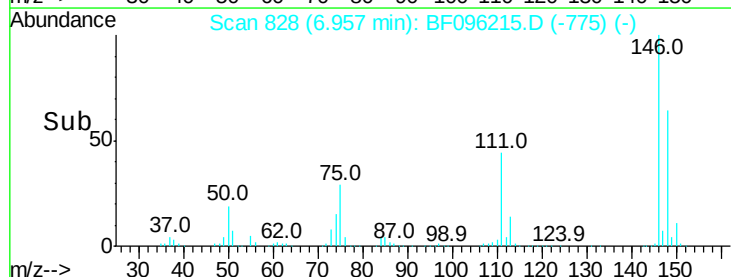
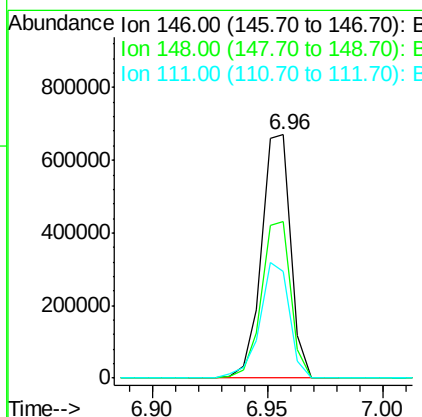
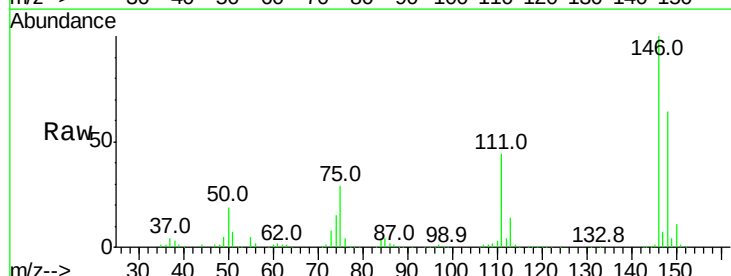
Instrument :
 BNA_F
 ClientSampled :

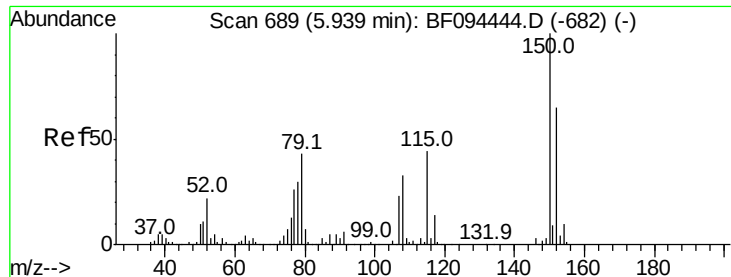
Tot Ion:146 Resp: 654600
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.2
 111 44.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 39.55 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

Tgt Ion:146 Resp: 590985
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.4 75.6
 111 43.9 38.2 57.4





#15

Benzyl Alcohol

Concen: 41.49 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampled :

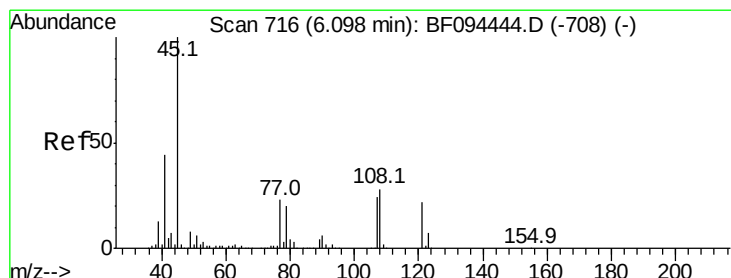
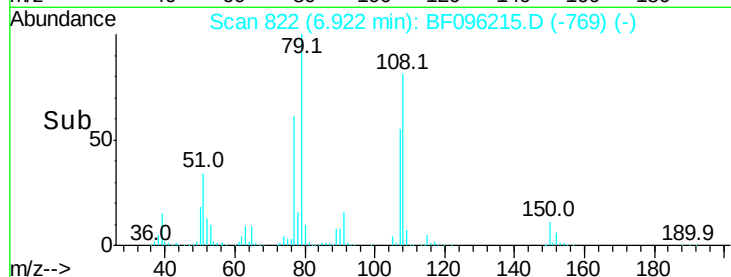
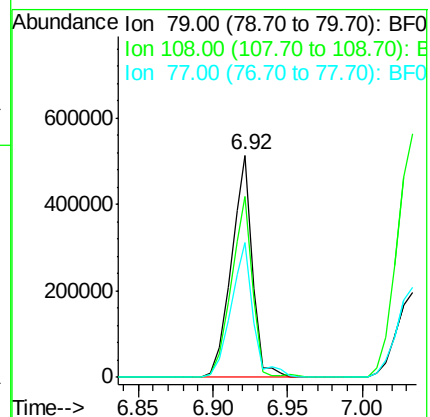
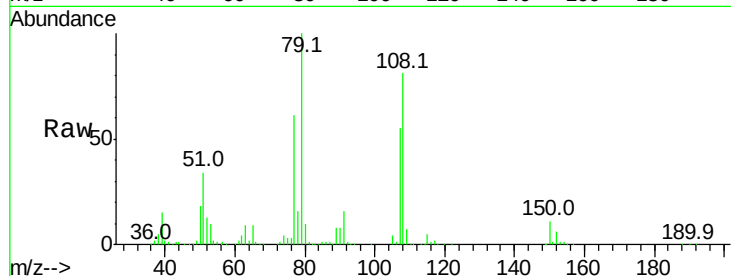
Tot Ion: 79 Resp: 512186

Ion Ratio Lower Upper

79 100

108 81.3 63.4 95.0

77 60.9 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.12 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

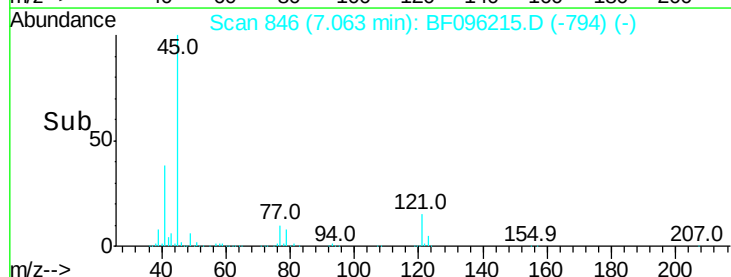
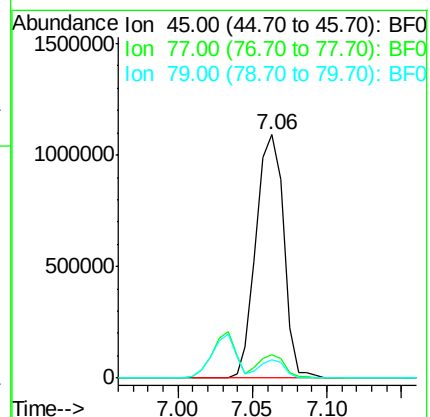
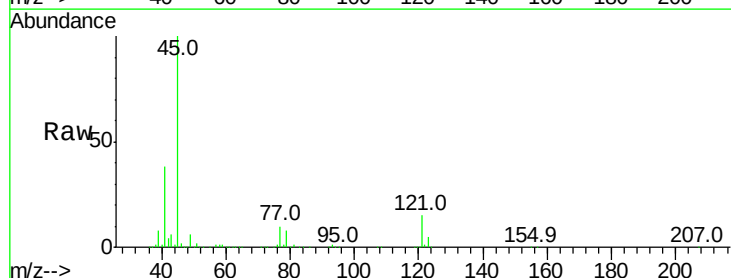
Tgt Ion: 45 Resp: 1394816

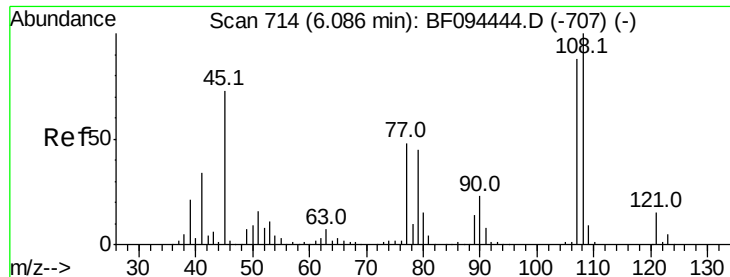
Ion Ratio Lower Upper

45 100

77 9.5 0.0 33.2

79 7.7 0.0 30.0





#17

2-Methylphenol

Concen: 40.33 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 518578

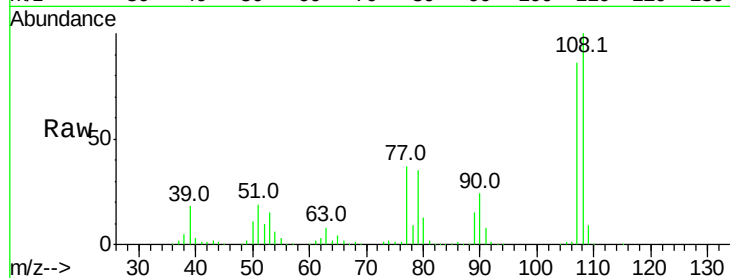
Ion Ratio Lower Upper

107 100

108 116.4 93.4 140.0

77 43.2 35.8 53.6

79 40.8 34.8 52.2

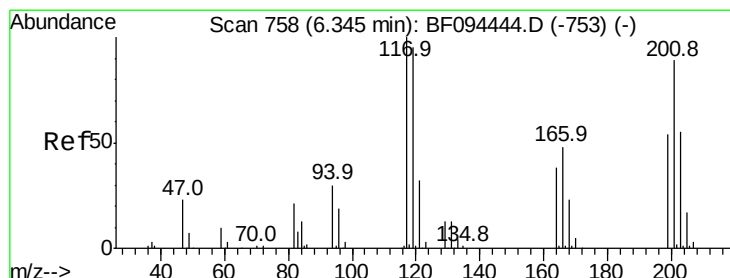
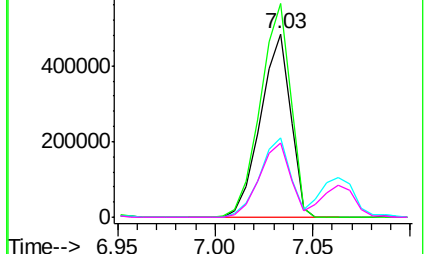
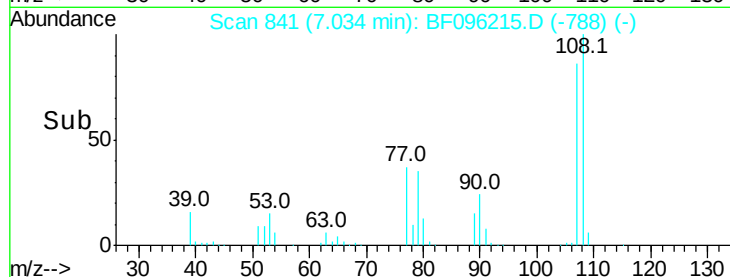


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.27 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

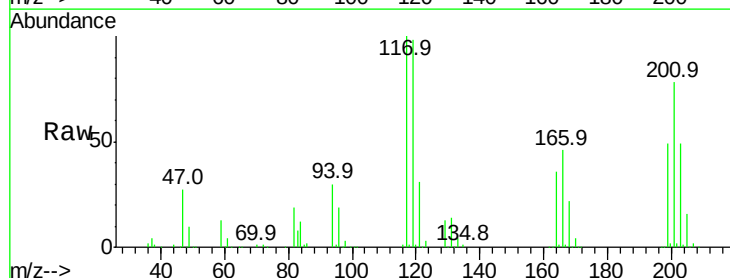
Tgt Ion:117 Resp: 244146

Ion Ratio Lower Upper

117 100

119 98.5 77.4 116.0

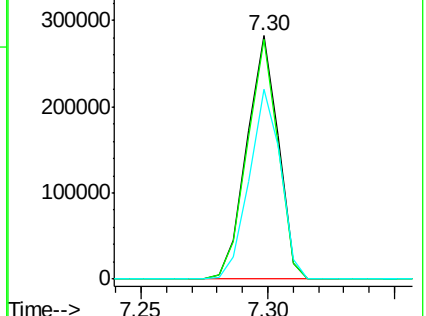
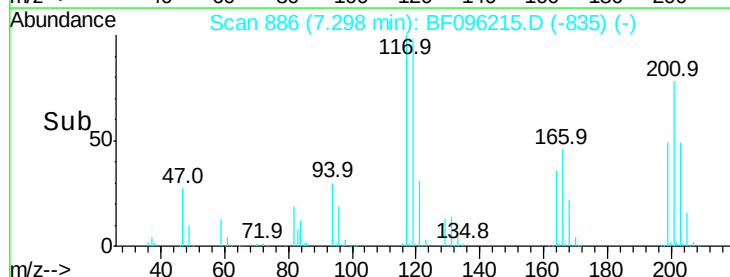
201 78.2 94.6 141.8#

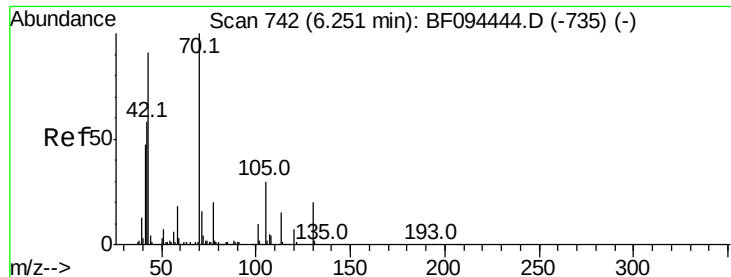


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

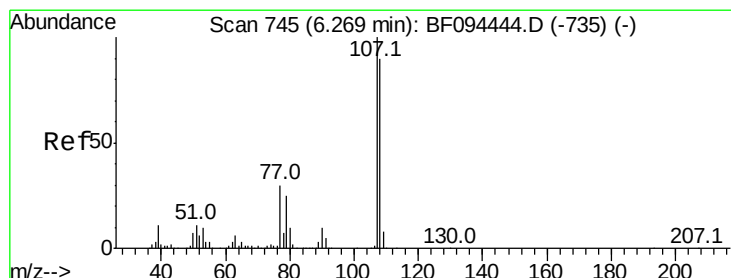
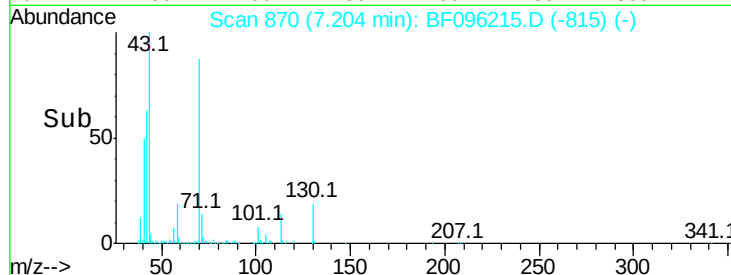
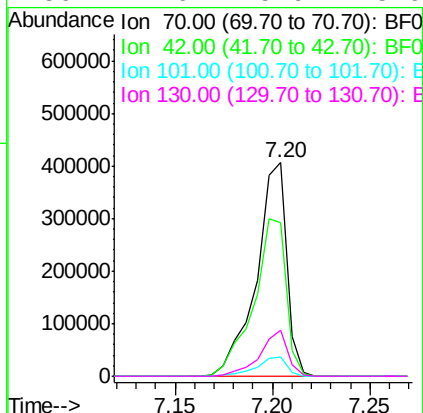
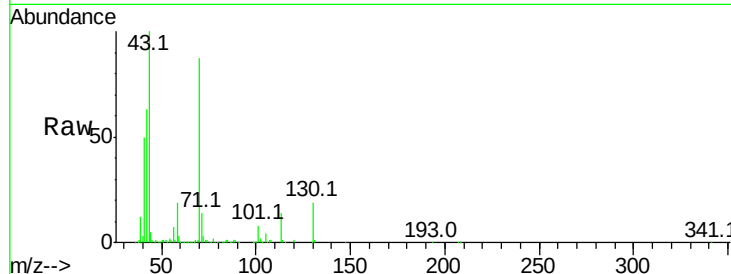




#19
n-Nitroso-di-n-propylamine
Concen: 40.15 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.02 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

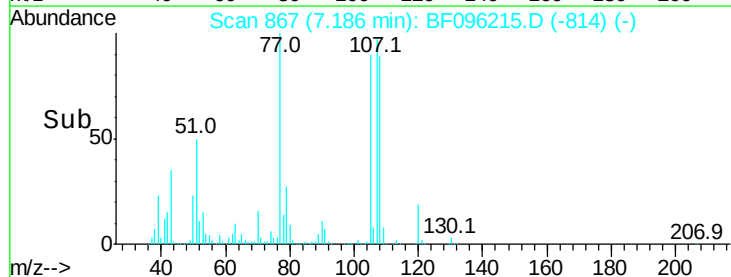
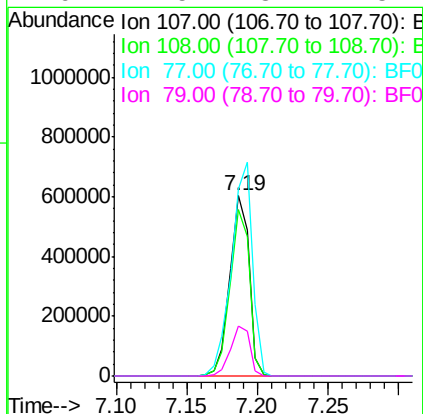
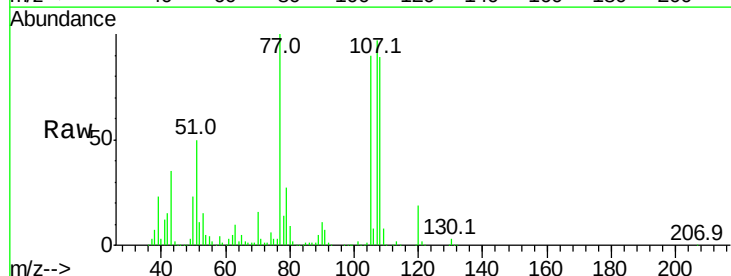
Instrument :
BNA_F
ClientSampleId :

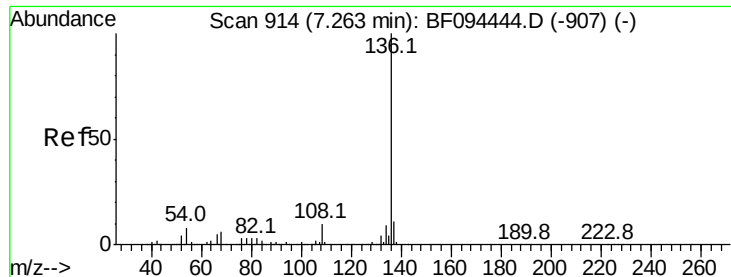
Tot Ion	Ratio	Lower	Upper
70	100		
42	71.9	47.2	70.8#
101	9.0	7.2	10.8
130	21.6	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.37 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	71.0	111.0
77	103.5	90.5	130.5
79	27.5	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 921080

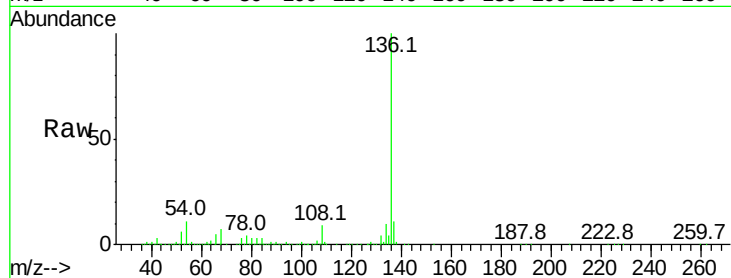
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 11.0 4.9 7.3#

68 6.6 4.1 6.1#



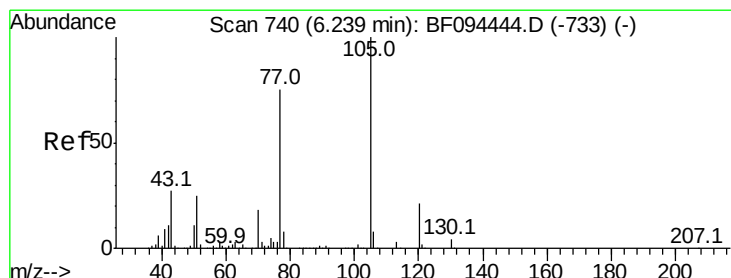
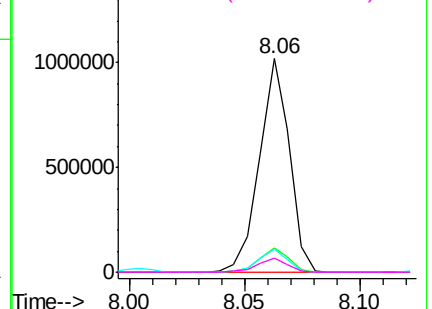
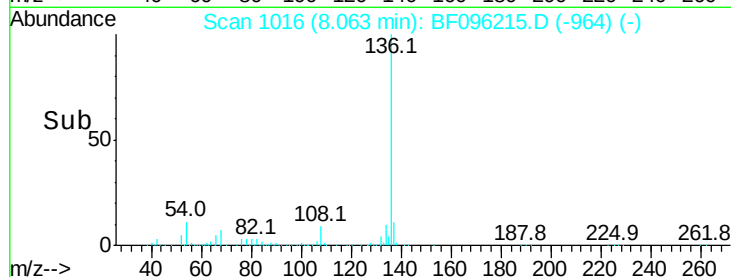
Abundance

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: 39.51 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Tgt Ion:105 Resp: 756361

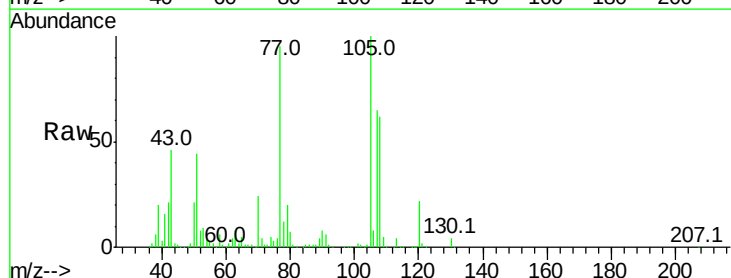
Ion Ratio Lower Upper

105 100

71 4.1 2.8 4.2

51 44.0 30.7 46.1

120 21.7 17.4 26.0



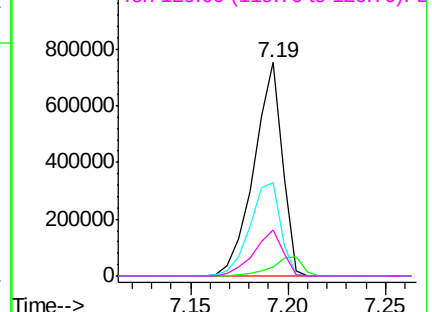
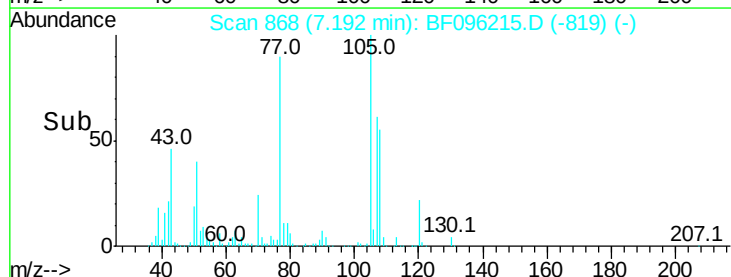
Abundance

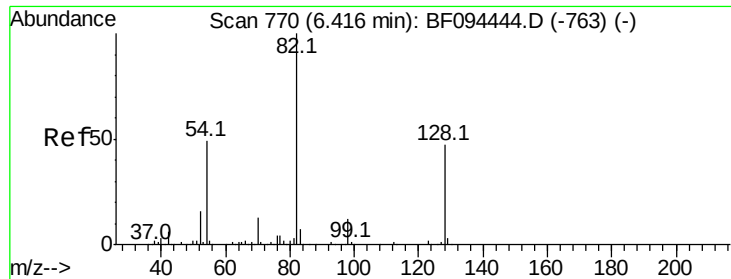
Ion 105.00 (104.70 to 105.70): E

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



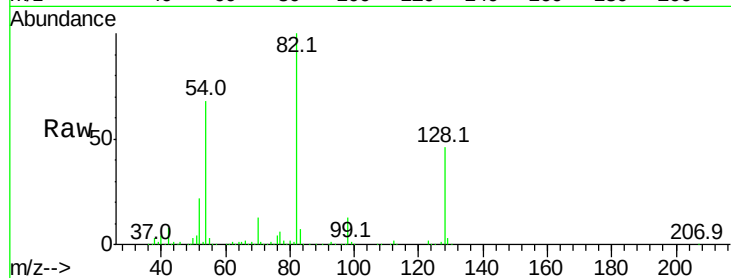


#23
 Nitrobenzene-d5
 Concen: 88.17 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

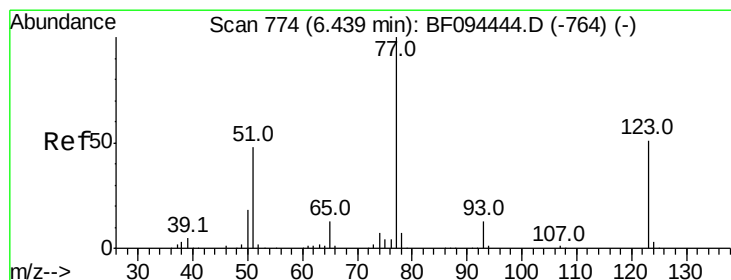
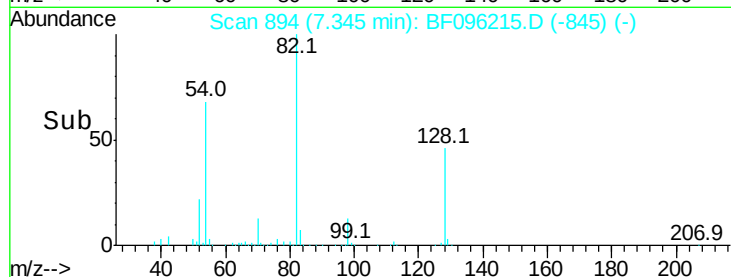
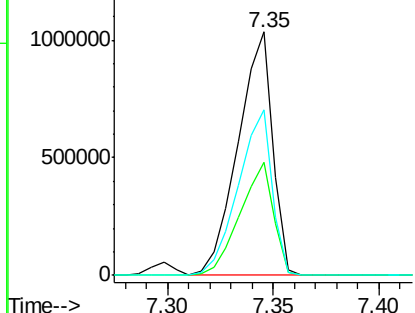
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1173157

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	67.9	42.2	63.2



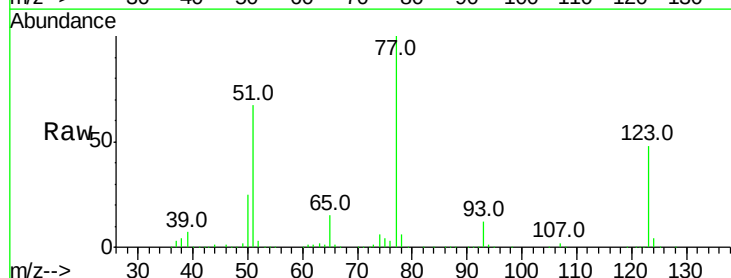
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



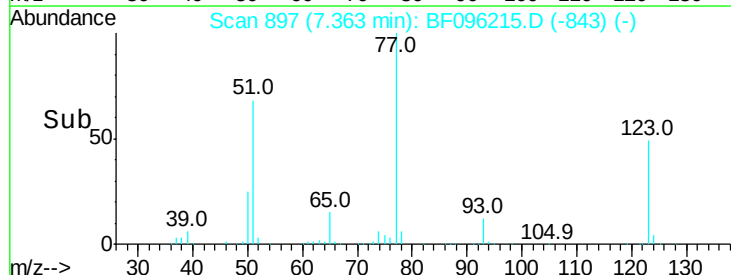
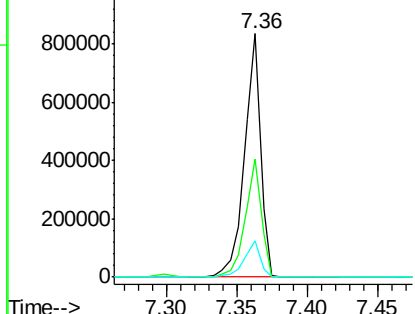
#24
 Nitrobenzene
 Concen: 44.83 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.02 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

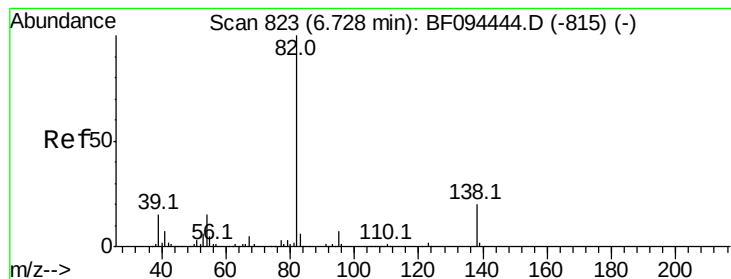
Tgt Ion: 77 Resp: 660496

Ion	Ratio	Lower	Upper
77	100		
123	48.4	35.8	53.8
65	14.8	10.6	15.8



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





#25

Isophorone

Concen: 39.86 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampled :

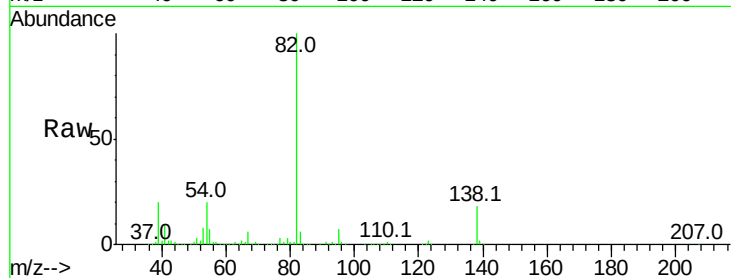
Tot Ion: 82 Resp: 1204544

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

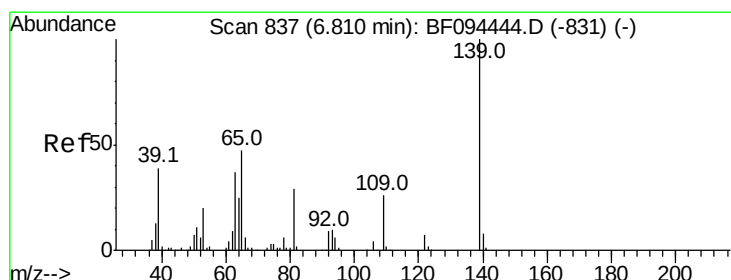
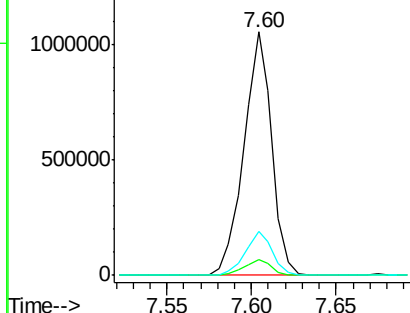
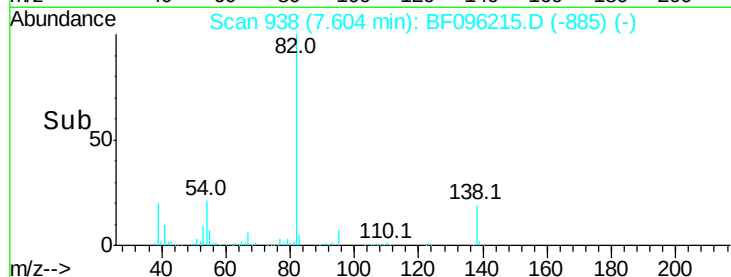
138 18.0 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.23 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

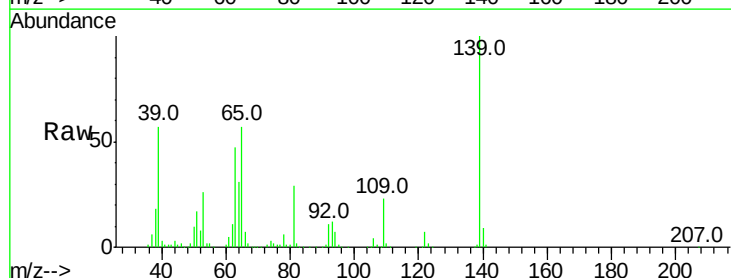
Tgt Ion:139 Resp: 296134

Ion Ratio Lower Upper

139 100

109 23.0 21.0 31.6

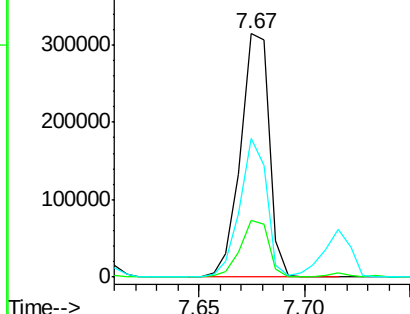
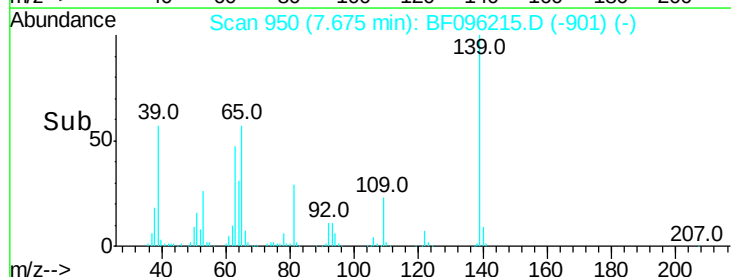
65 57.0 33.0 49.6#

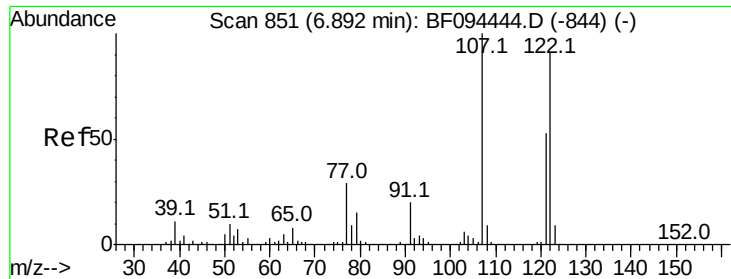


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.85 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampled :

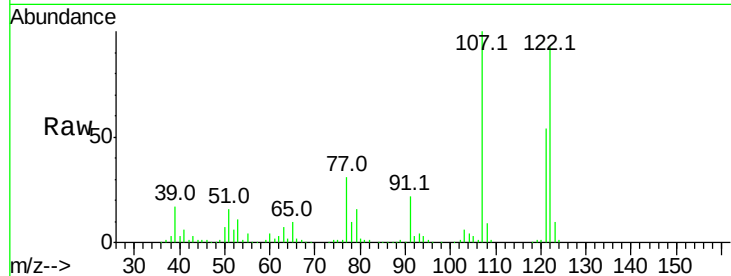
Tot Ion:122 Resp: 544154

Ion Ratio Lower Upper

122 100

107 107.9 89.2 133.8

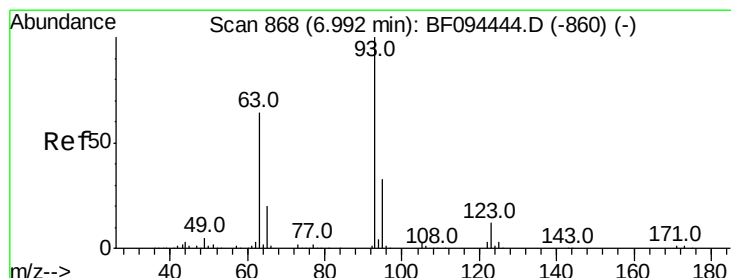
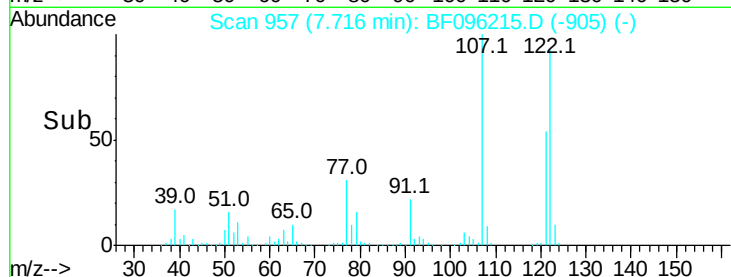
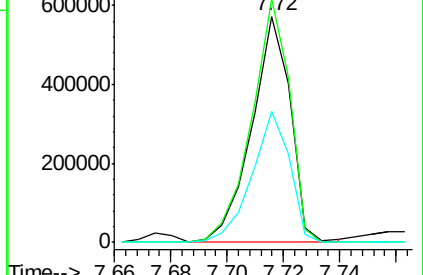
121 57.9 45.2 67.8



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: 39.43 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

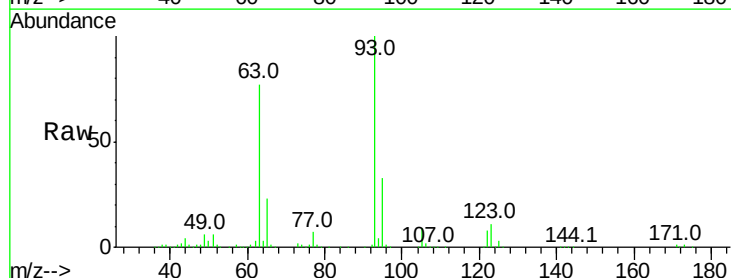
Tgt Ion: 93 Resp: 807038

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

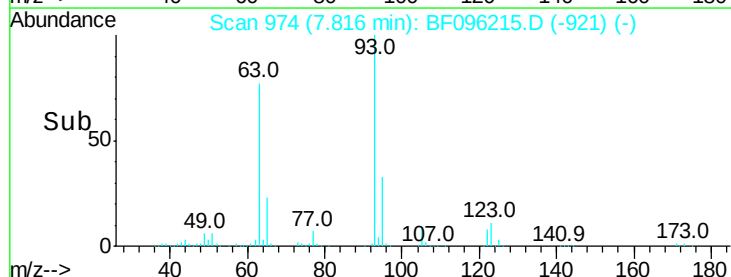
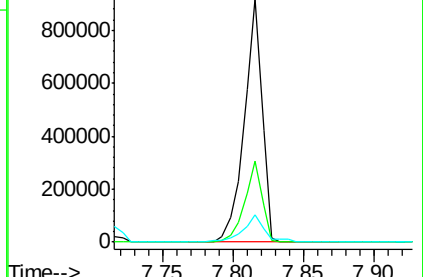
123 11.3 9.0 13.4

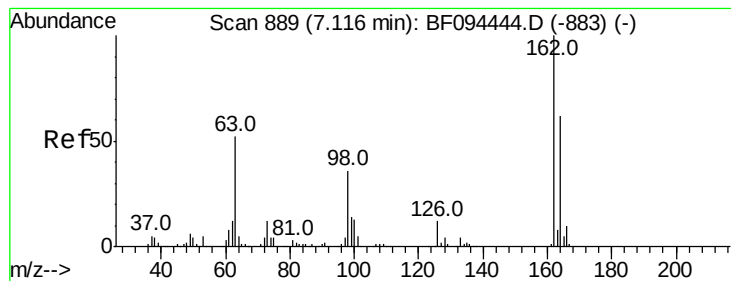


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.13 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampleId :

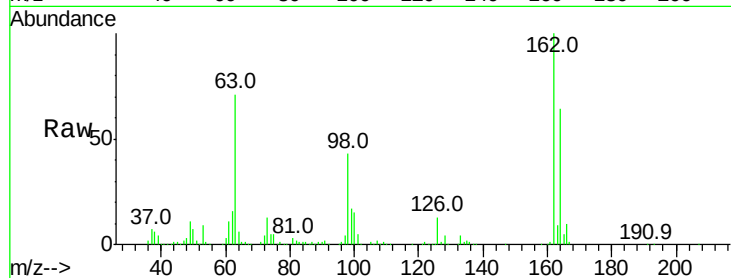
Tot Ion:162 Resp: 478933

Ion Ratio Lower Upper

162 100

164 64.3 44.6 84.6

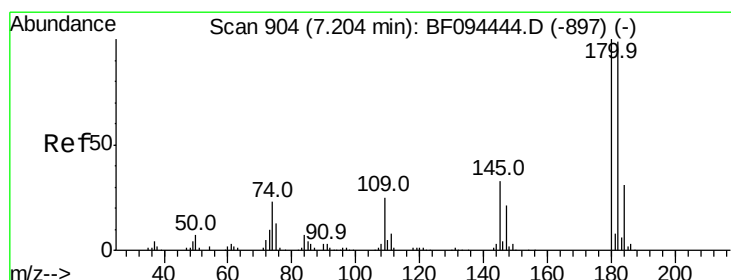
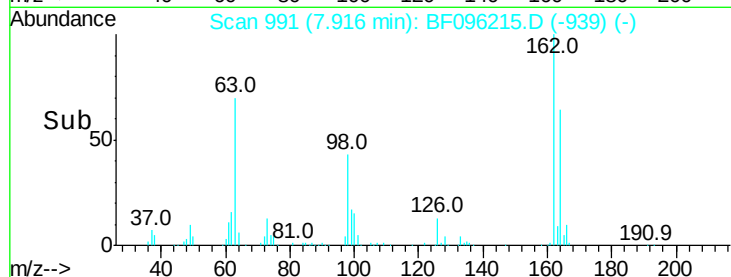
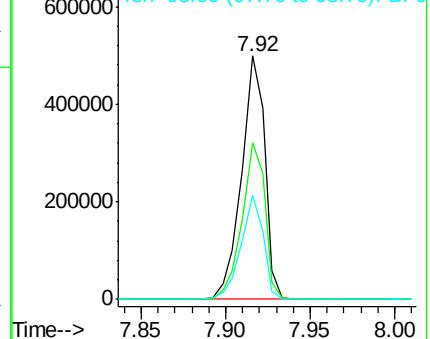
98 42.7 14.8 54.8



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: 39.61 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

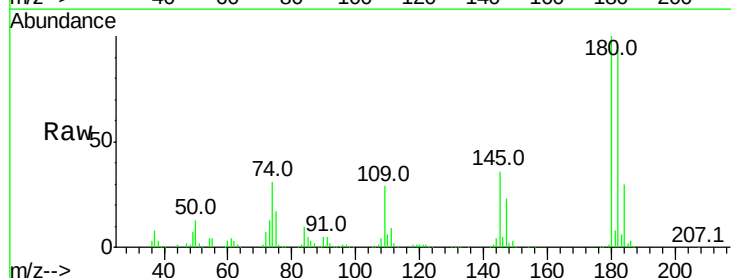
Tgt Ion:180 Resp: 457765

Ion Ratio Lower Upper

180 100

182 92.8 75.8 113.6

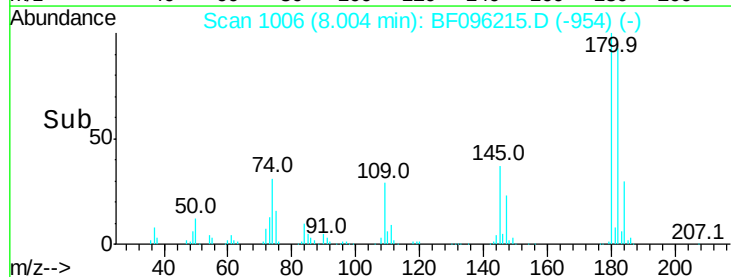
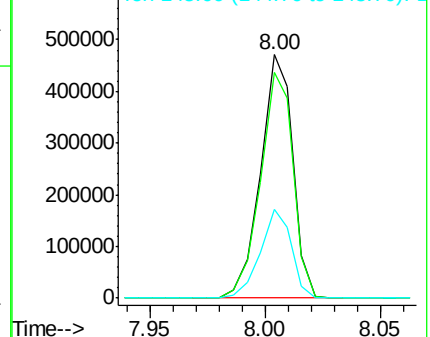
145 36.5 25.3 37.9

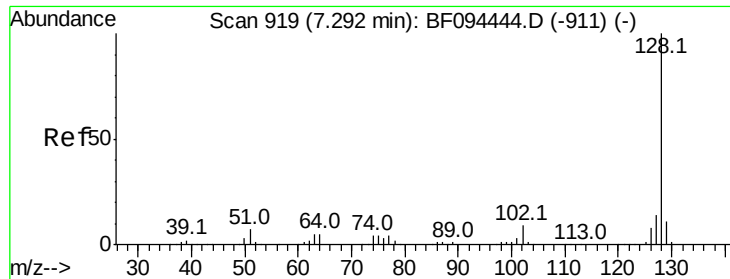


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

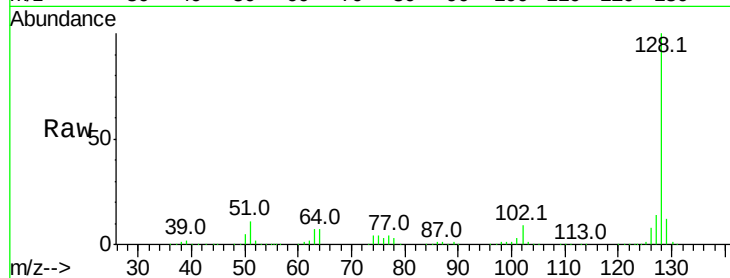




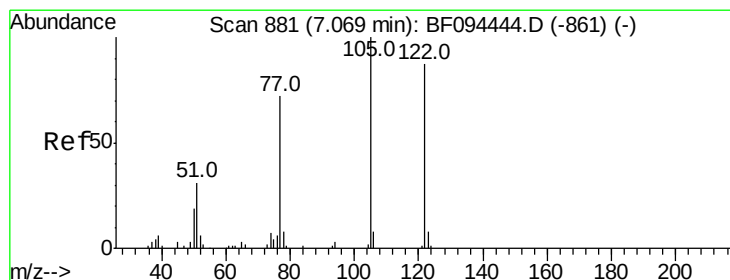
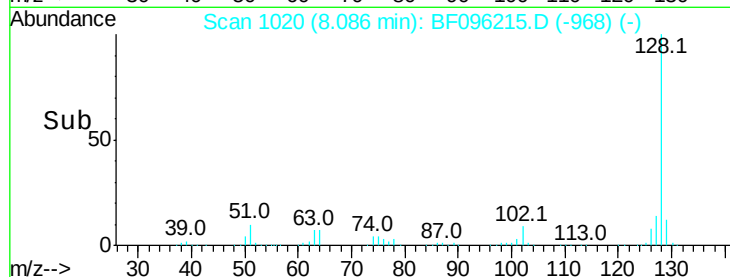
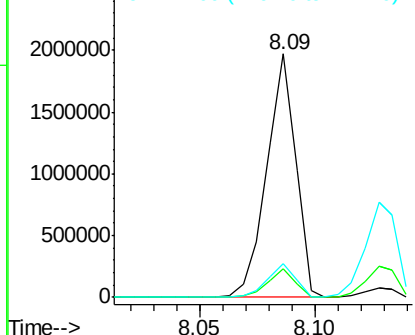
#31
Naphthalene
Concen: 38.93 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1728100
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.7 10.8 16.2

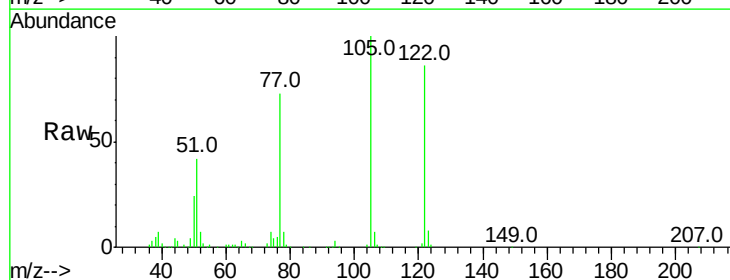


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

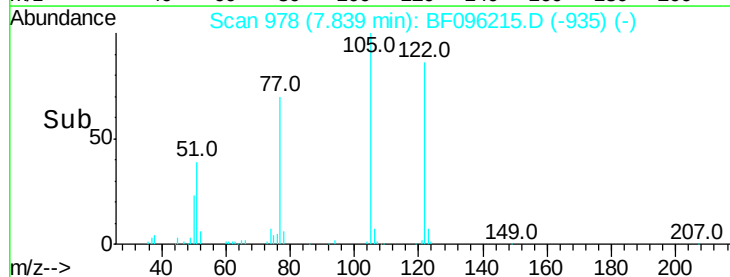
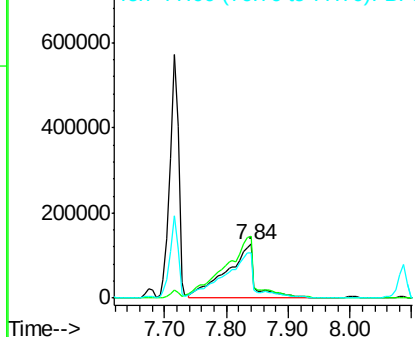


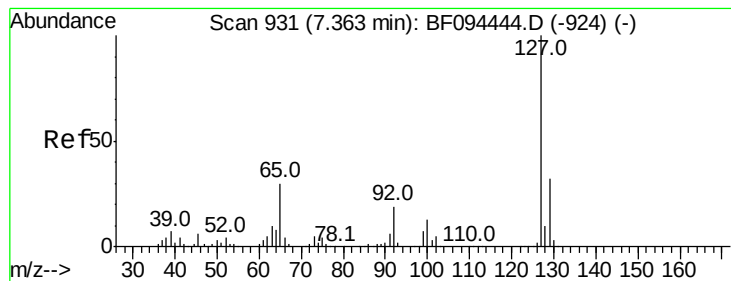
#32
Benzoic acid
Concen: 43.80 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.05 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Tgt Ion:122 Resp: 414105
Ion Ratio Lower Upper
122 100
105 116.0 103.3 143.3
77 84.5 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: 39.71 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 729845

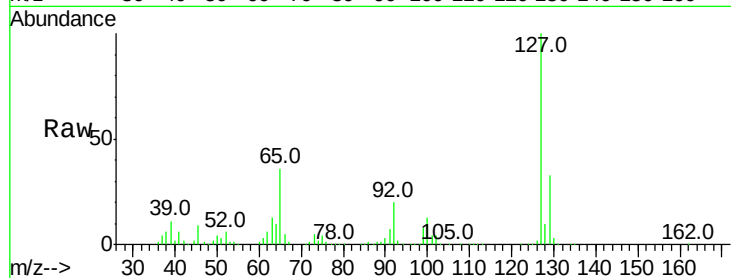
Ion Ratio Lower Upper

127 100

129 32.6 26.2 39.2

65 35.6 27.8 41.8

92 19.8 16.8 25.2

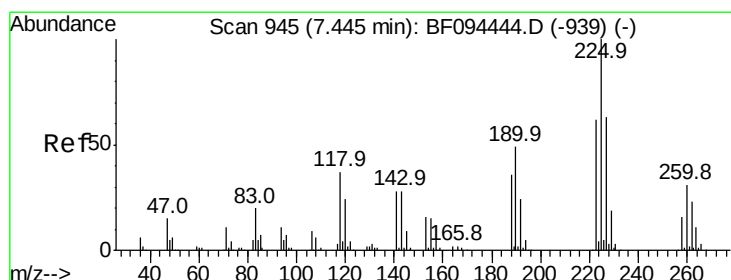
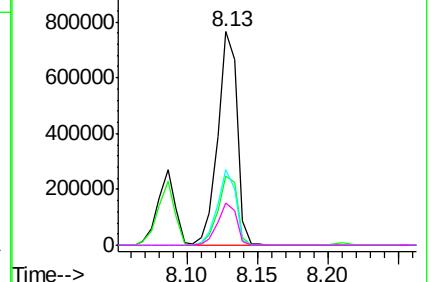
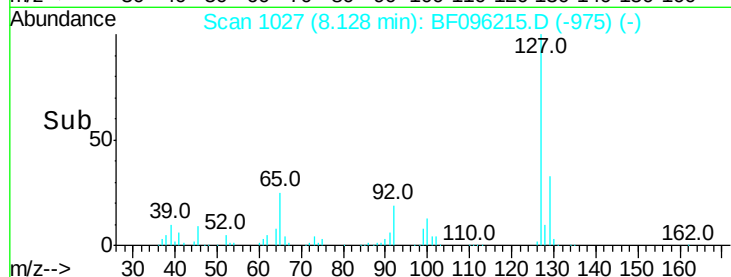


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.44 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

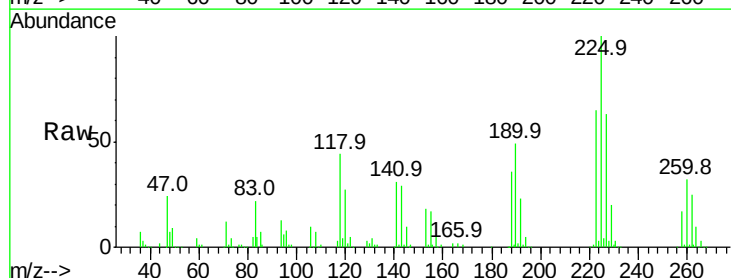
Tgt Ion:225 Resp: 231841

Ion Ratio Lower Upper

225 100

223 65.1 48.8 73.2

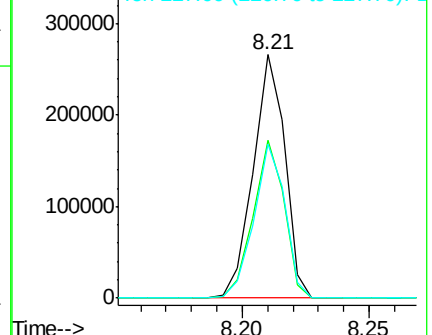
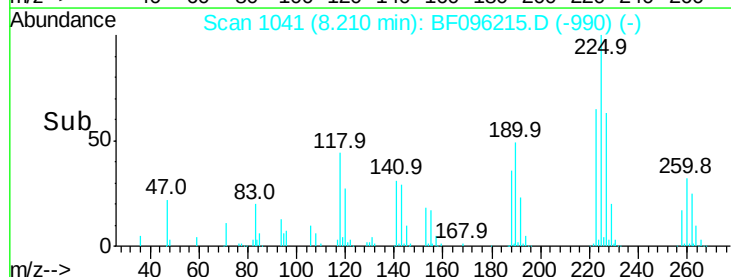
227 63.0 51.1 76.7

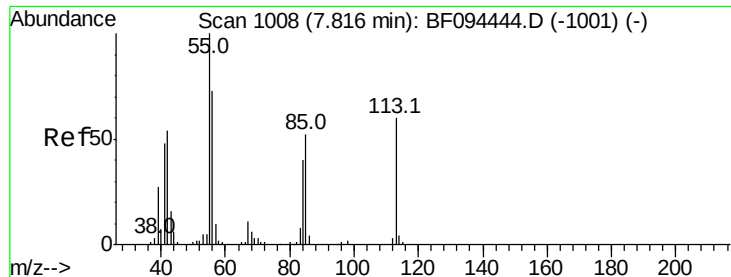


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.72 ng

RT: 8.50 min Scan# 1091

Delta R.T. 0.07 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampleId :

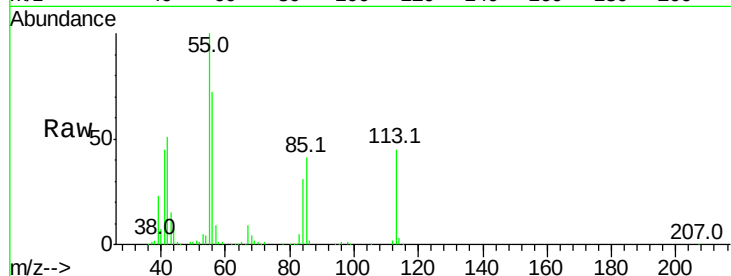
Tot Ion:113 Resp: 167899

Ion Ratio Lower Upper

113 100

55 221.7 150.2 190.2#

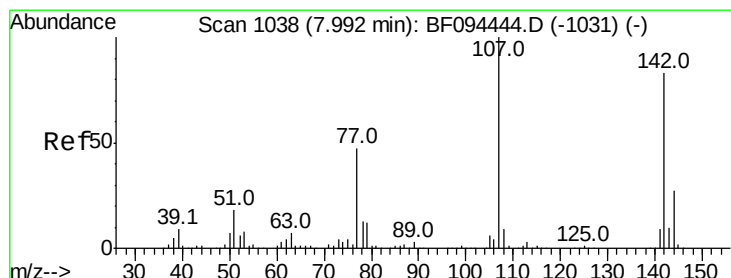
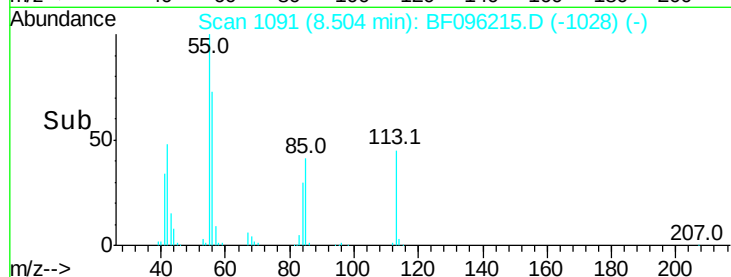
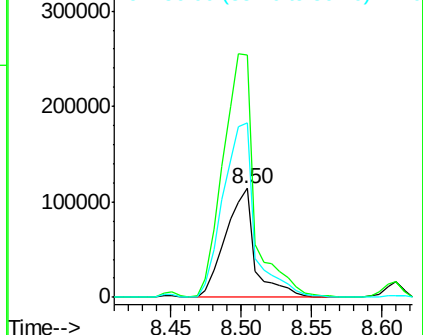
56 160.3 107.8 147.8#



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: 40.71 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

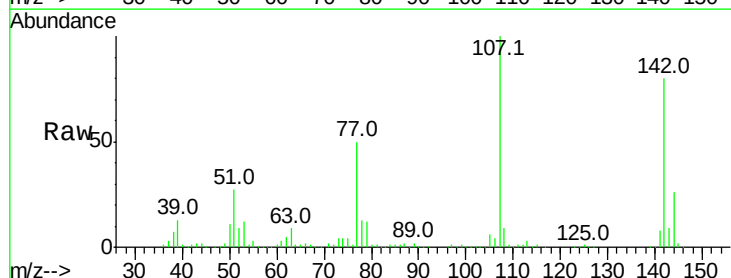
Tgt Ion:107 Resp: 515735

Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

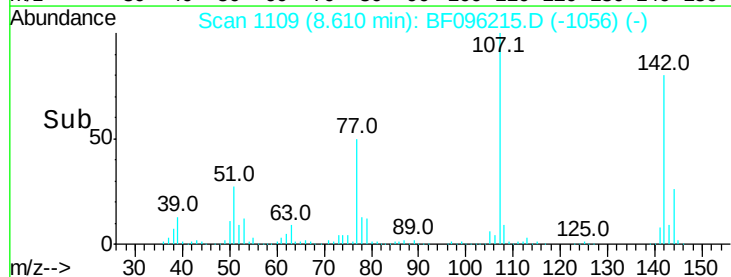
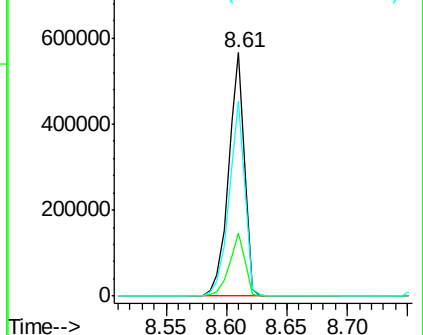
142 80.1 73.4 110.0

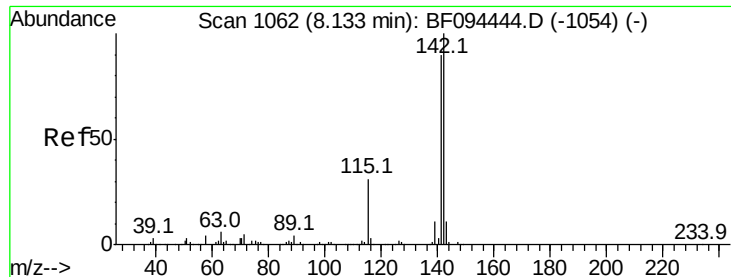


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.90 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.01 min

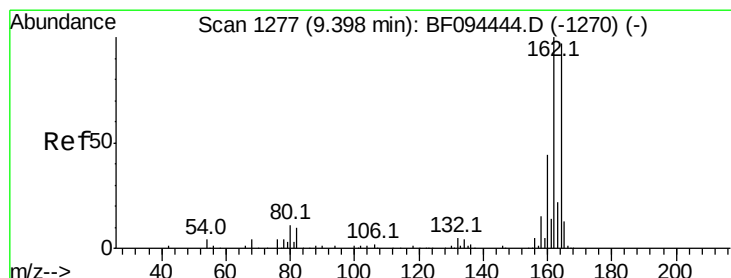
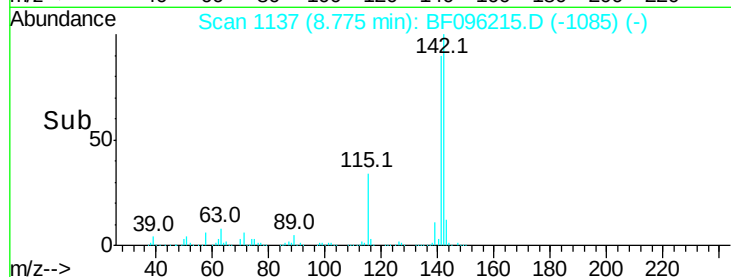
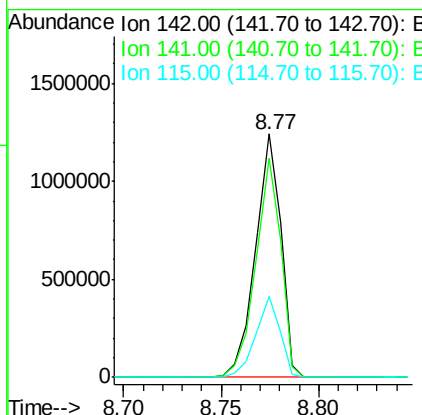
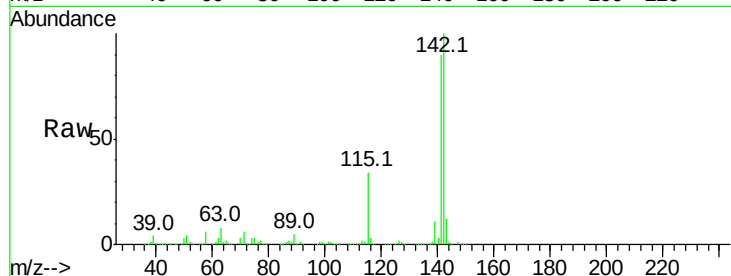
Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1121718

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	33.5	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1314

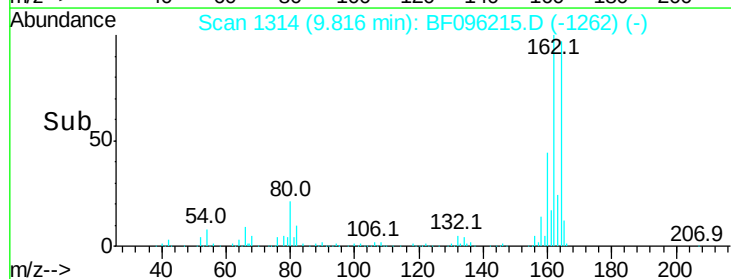
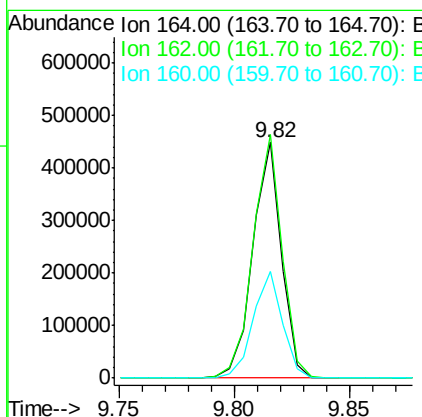
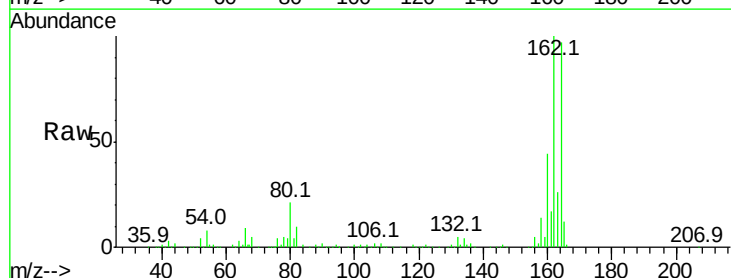
Delta R.T. 0.01 min

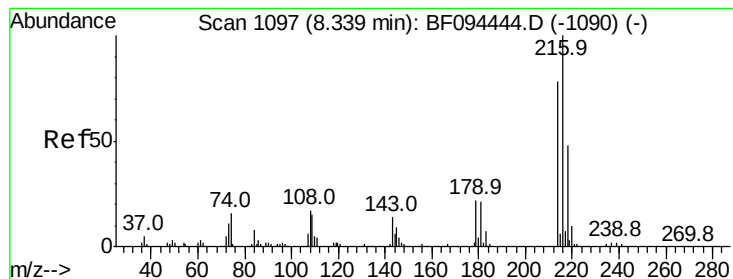
Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Tgt Ion:164 Resp: 388667

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	45.4	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.12 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 368064

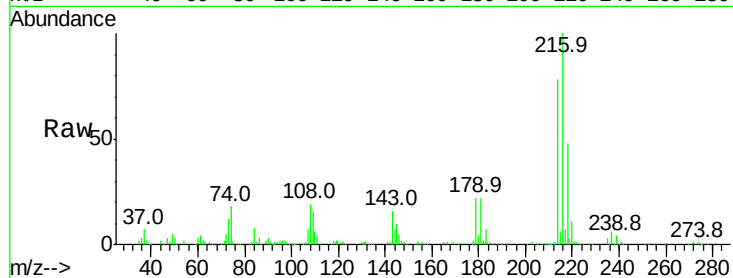
Ion Ratio Lower Upper

216 100

214 77.8 63.4 95.2

179 23.7 17.9 26.9

108 23.5 16.5 24.7

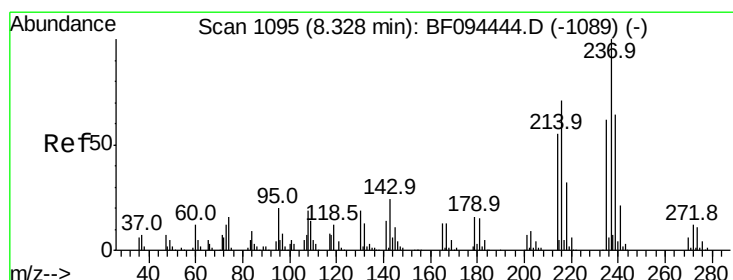
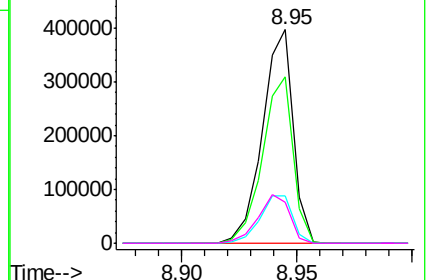
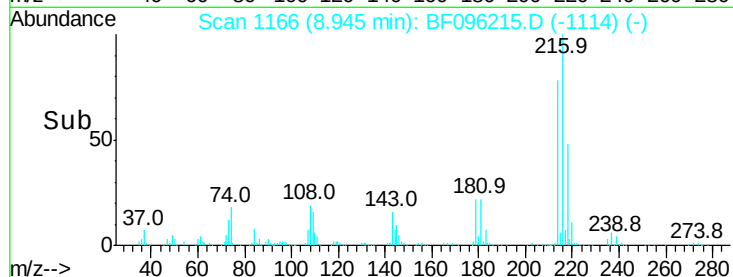


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.55 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

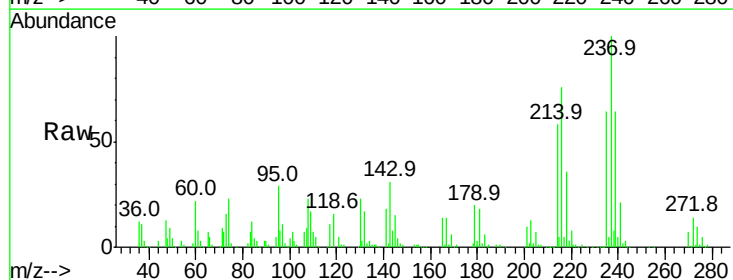
Tgt Ion:237 Resp: 175231

Ion Ratio Lower Upper

237 100

235 64.0 42.6 82.6

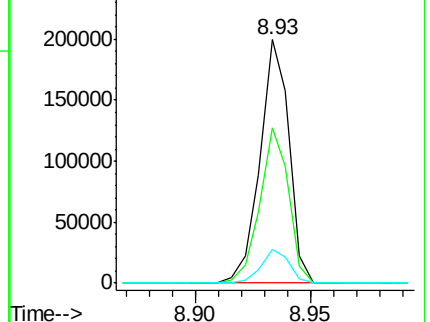
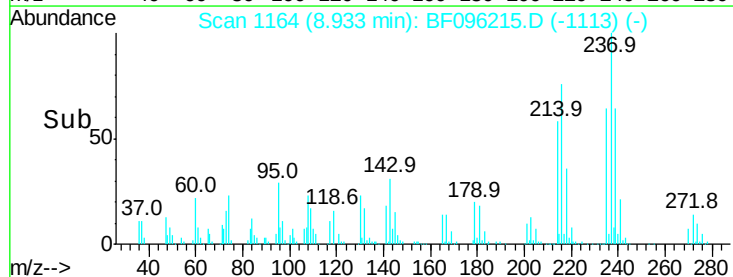
272 13.7 0.0 31.9

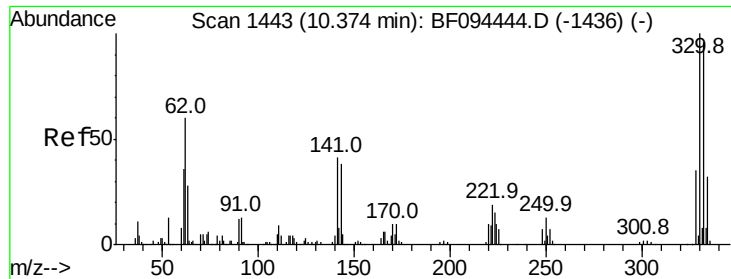


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

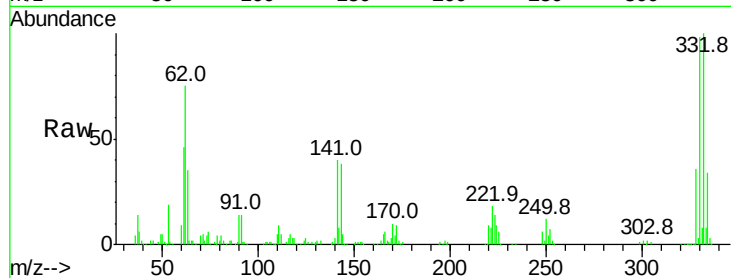




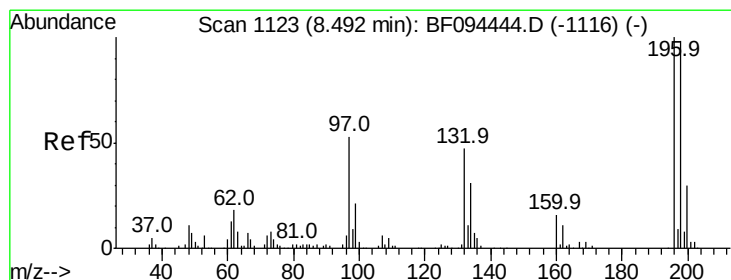
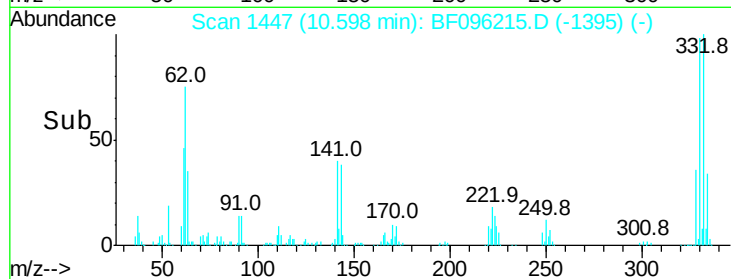
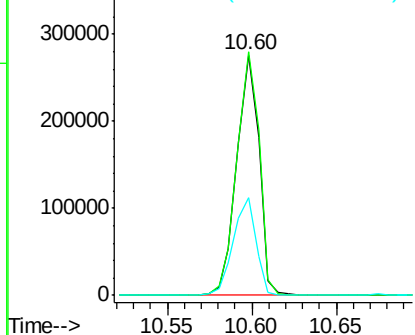
#41
 2,4,6-Tribromophenol
 Concen: 83.32 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 254844
 Ion Ratio Lower Upper
 330 100
 332 102.2 76.6 115.0
 141 41.1 31.4 47.2

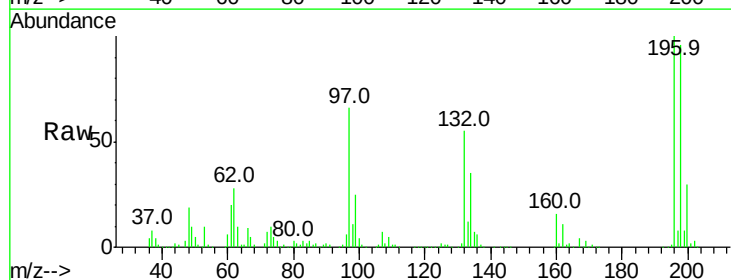


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

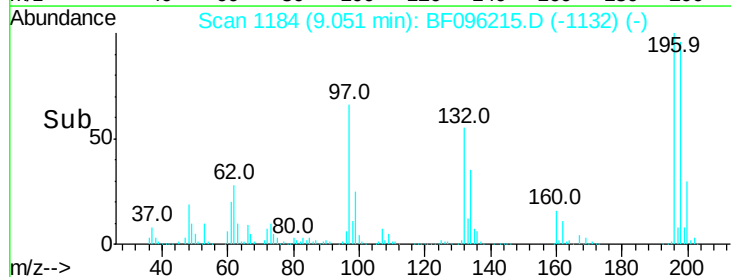
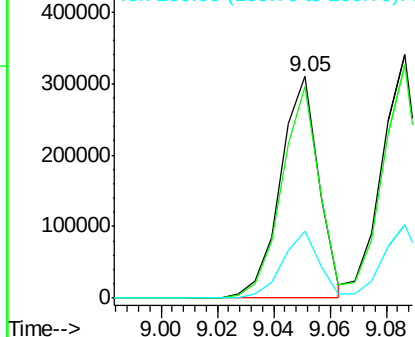


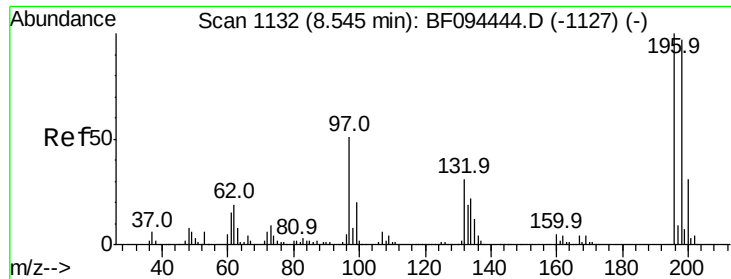
#42
 2,4,6-Trichlorophenol
 Concen: 41.09 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

Tgt Ion:196 Resp: 291420
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.2 111.4
 200 30.3 24.0 36.0



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

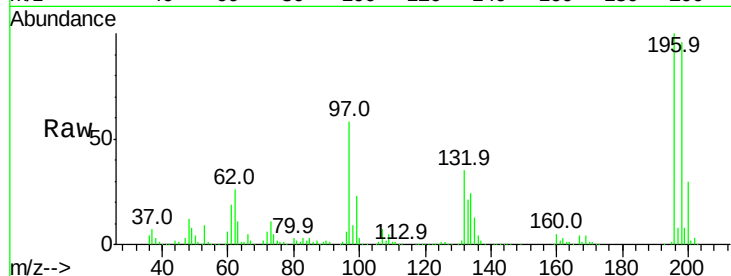




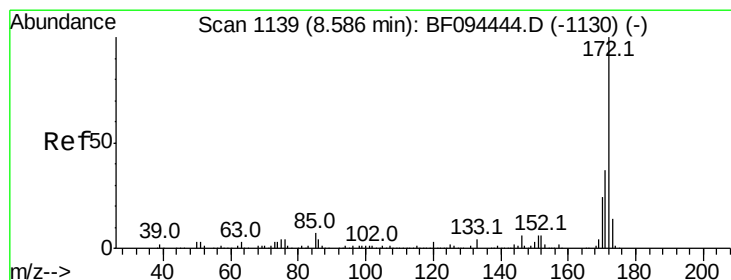
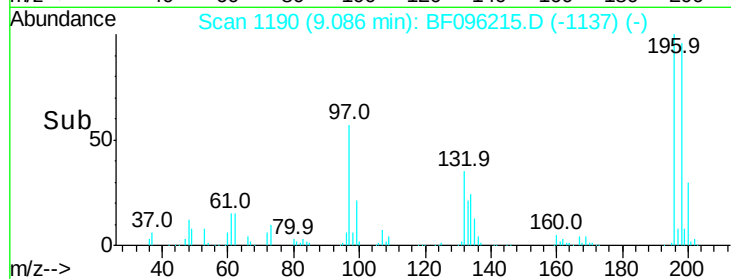
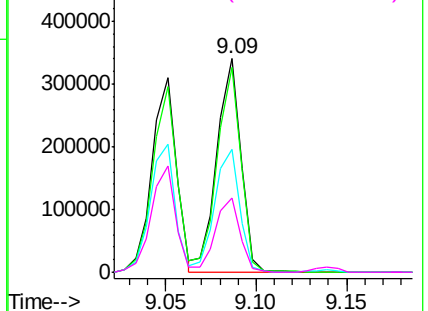
#43
 2,4,5-Trichlorophenol
 Concen: 42.38 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 316835
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 97 57.8 47.7 71.5
 132 34.9 28.0 42.0

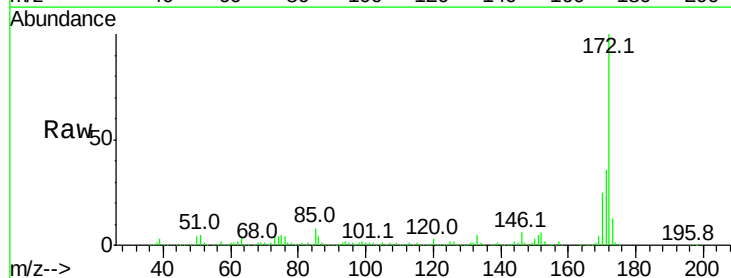


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

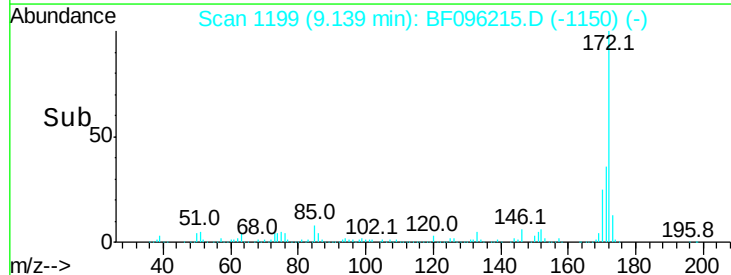
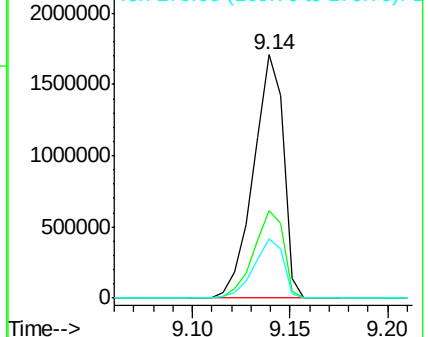


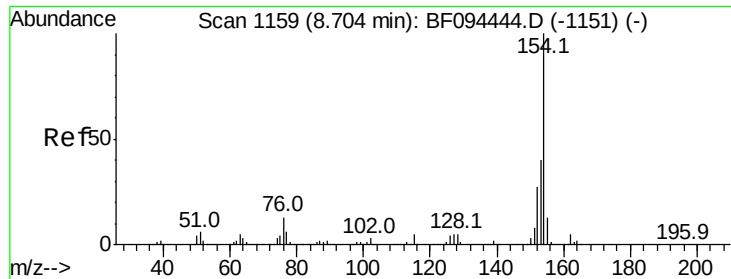
#44
 2-Fluorobiphenyl
 Concen: 85.38 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

Tgt Ion:172 Resp: 1812056
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.6 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: 40.35 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampleId :

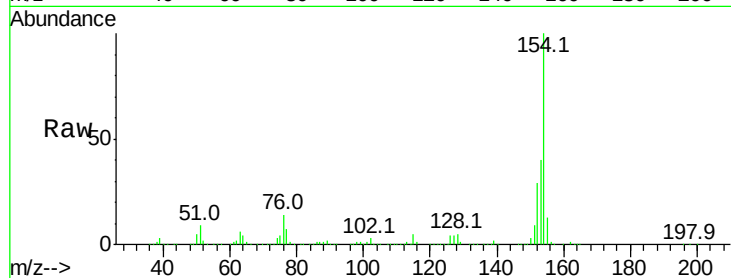
Tot Ion:154 Resp: 1203183

Ion Ratio Lower Upper

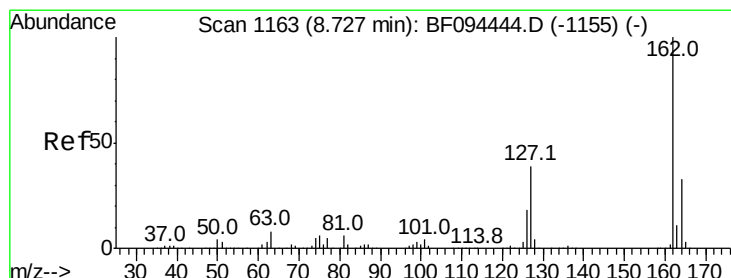
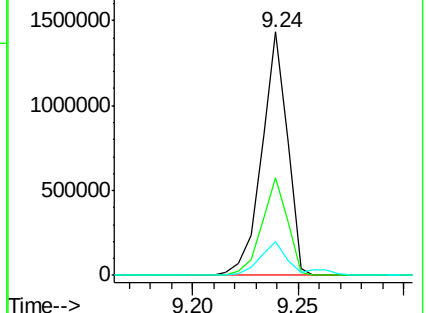
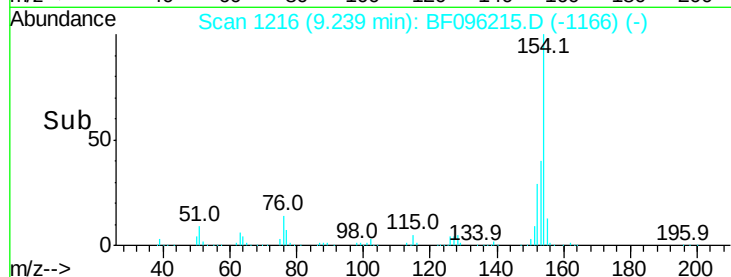
154 100

153 40.3 21.2 61.2

76 14.1 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 38.74 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

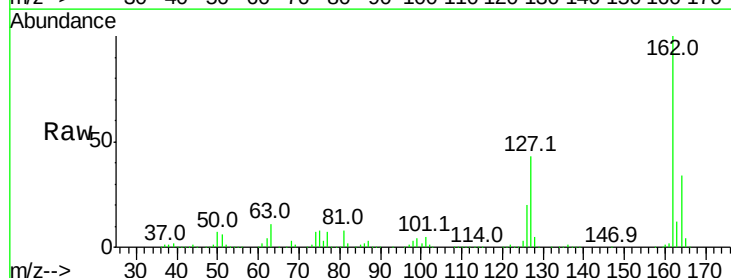
Tgt Ion:162 Resp: 958211

Ion Ratio Lower Upper

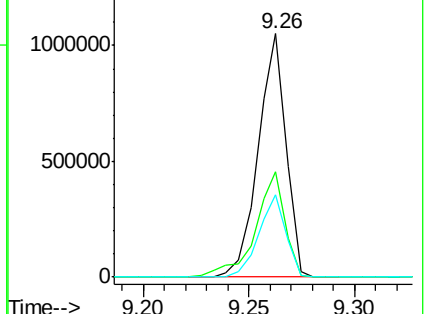
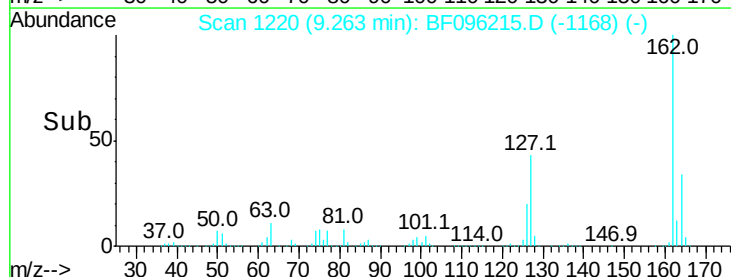
162 100

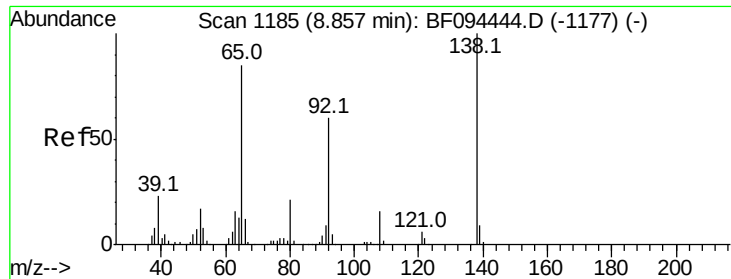
127 43.2 28.3 42.5#

164 33.6 27.0 40.4



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





#47

2-Nitroaniline

Concen: 45.96 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampleId :

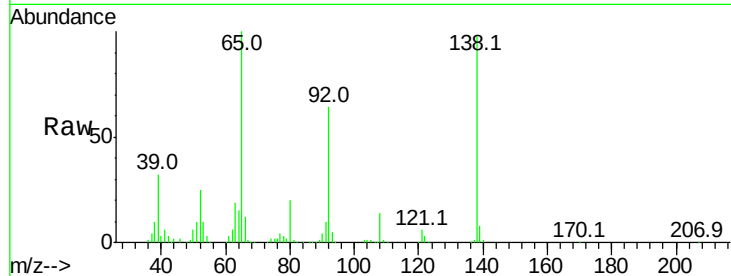
Tot Ion: 65 Resp: 359105

Ion Ratio Lower Upper

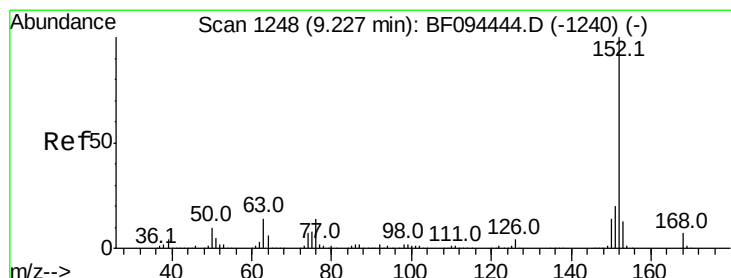
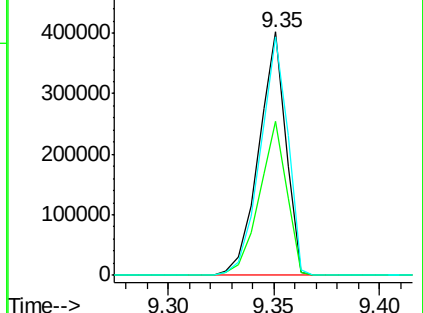
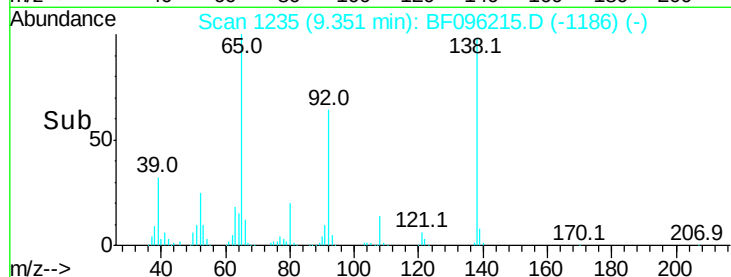
65 100

92 63.5 53.9 80.9

138 98.1 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: 39.14 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

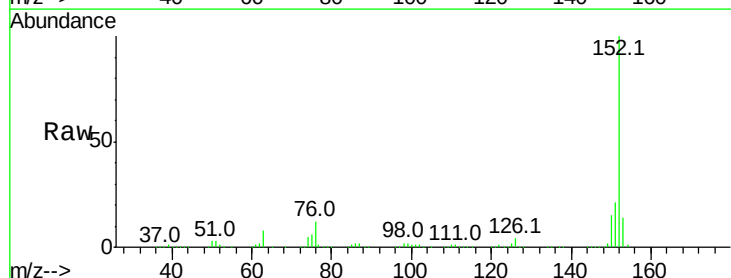
Tgt Ion: 152 Resp: 1606544

Ion Ratio Lower Upper

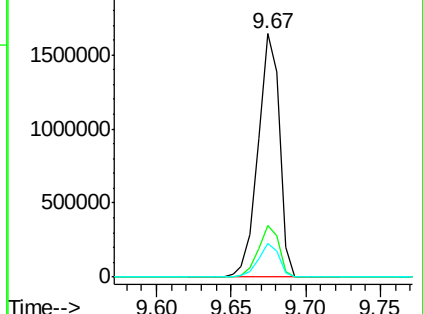
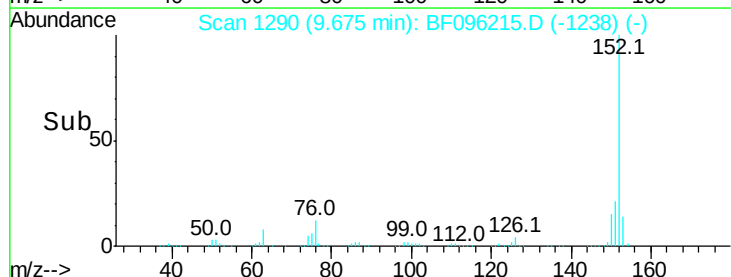
152 100

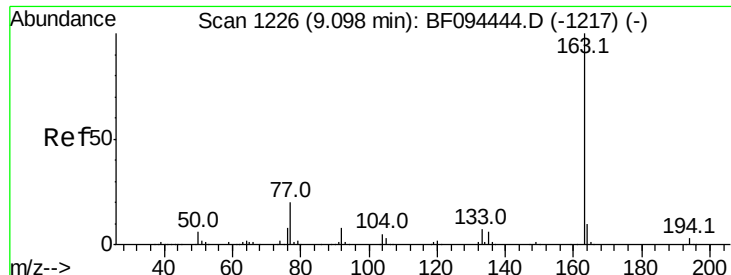
151 21.0 16.8 25.2

153 13.9 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

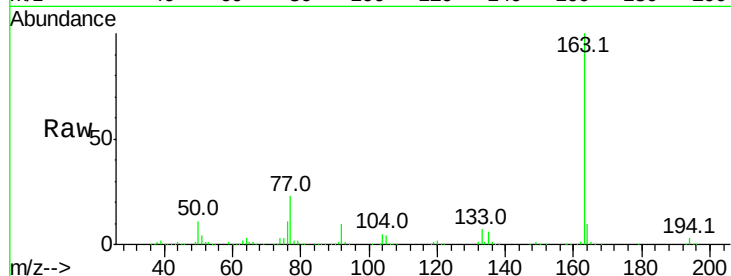




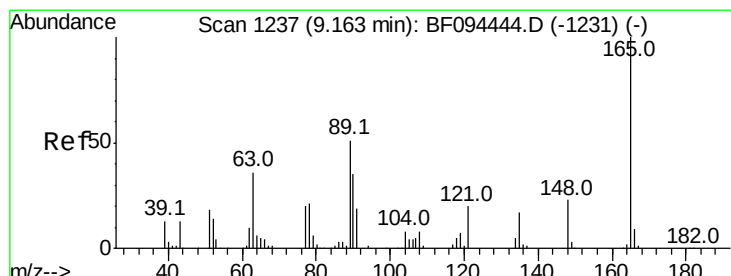
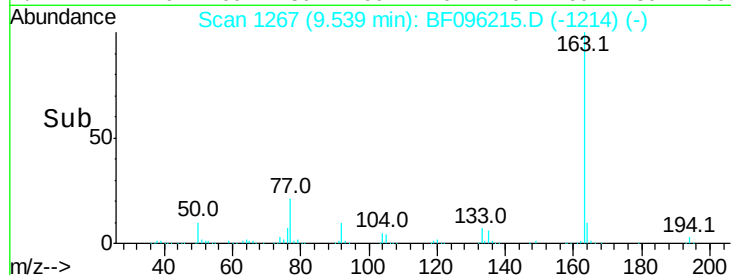
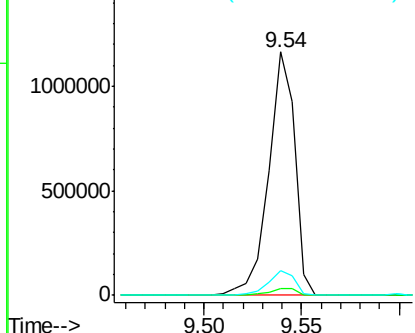
#49
Dimethylphthalate
Concen: 38.94 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1083216
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.2 8.4 12.6

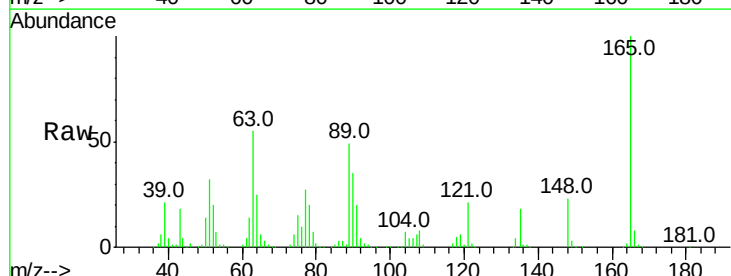


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

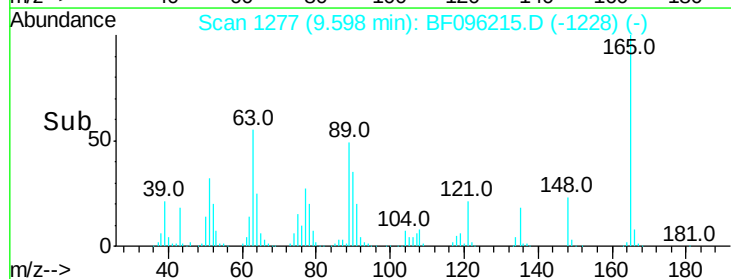
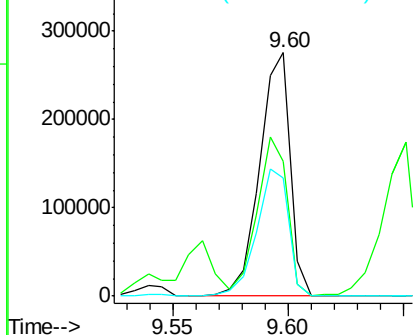


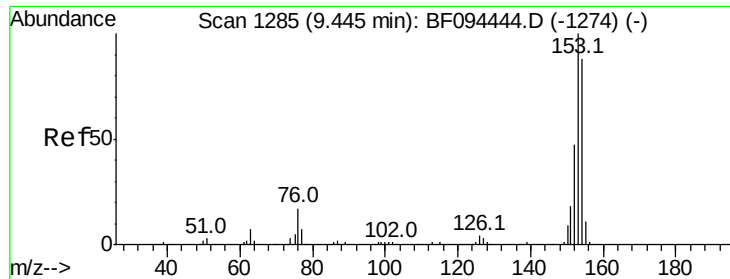
#50
2,6-Dinitrotoluene
Concen: 44.01 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Tgt Ion:165 Resp: 254658
Ion Ratio Lower Upper
165 100
63 55.1 34.3 51.5#
89 48.8 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.81 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampled :

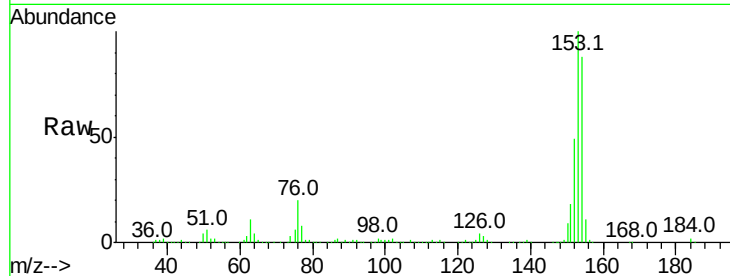
Tot Ion:154 Resp: 937507

Ion Ratio Lower Upper

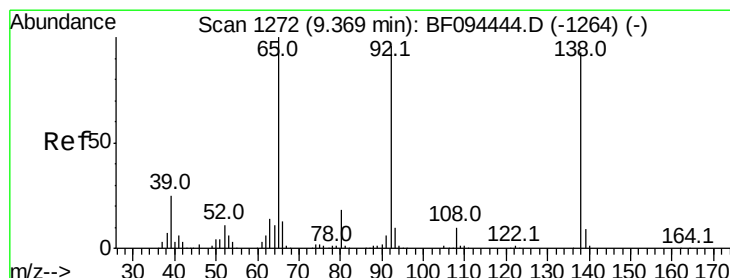
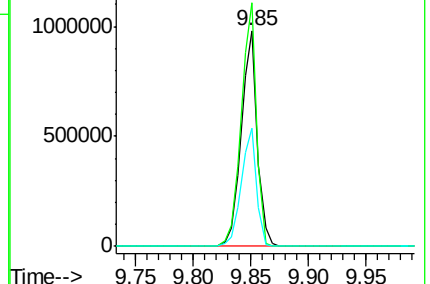
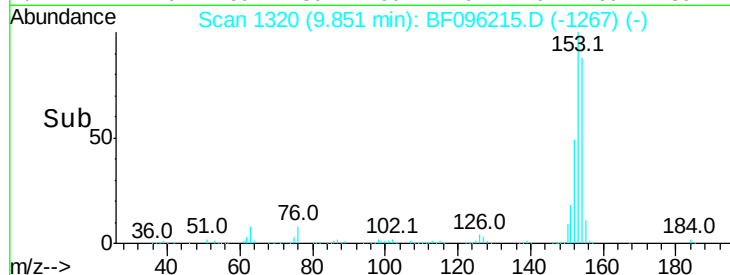
154 100

153 113.0 90.5 135.7

152 55.0 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: 42.93 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

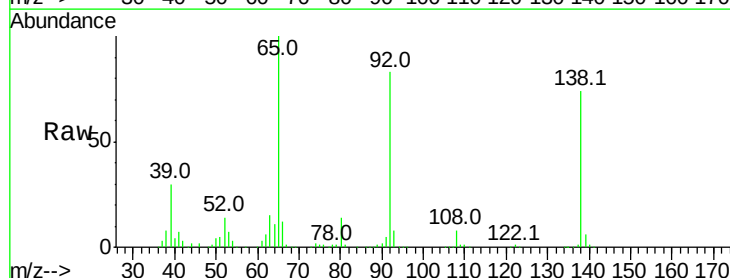
Tgt Ion:138 Resp: 318073

Ion Ratio Lower Upper

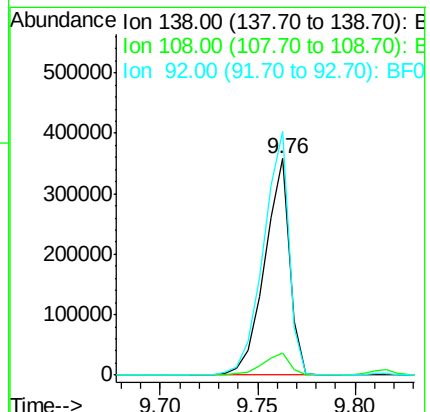
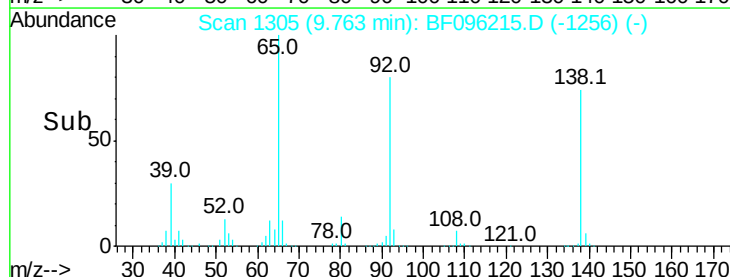
138 100

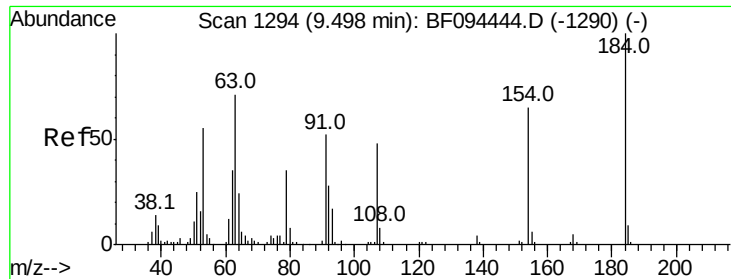
108 10.4 9.1 13.7

92 112.4 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

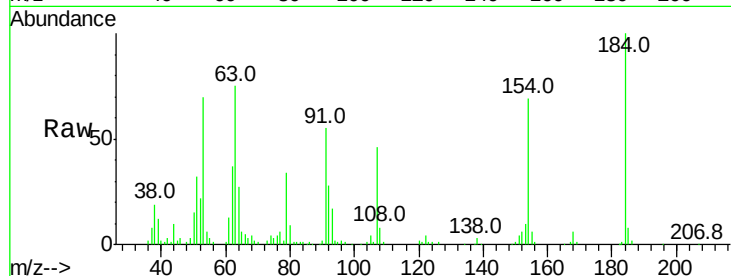




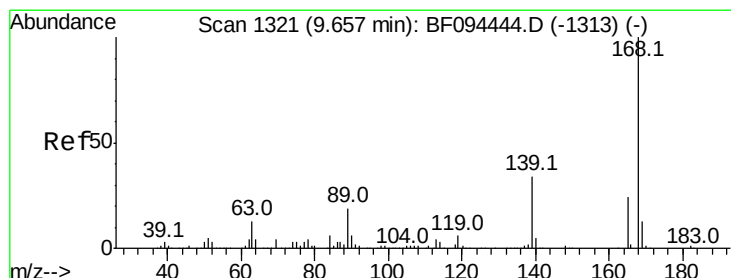
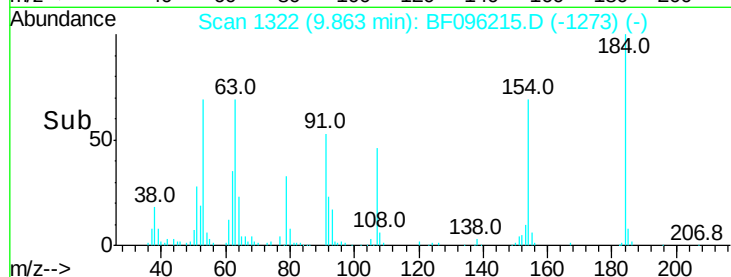
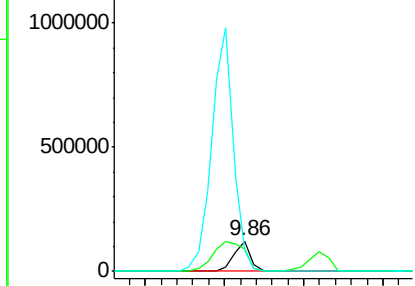
#53
2,4-Dinitrophenol
Concen: 46.45 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 90968
Ion Ratio Lower Upper
184 100
63 75.2 62.7 94.1
154 68.9 81.1 121.7#

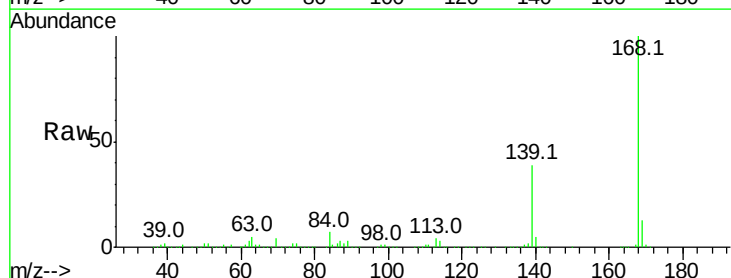


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

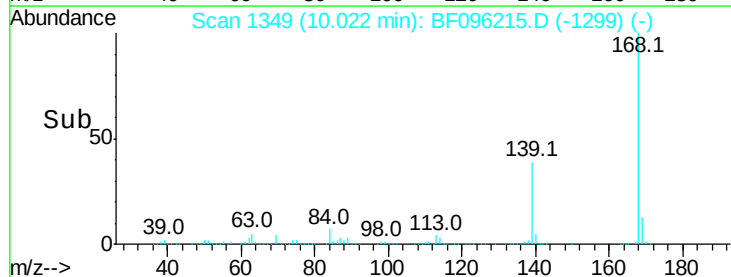
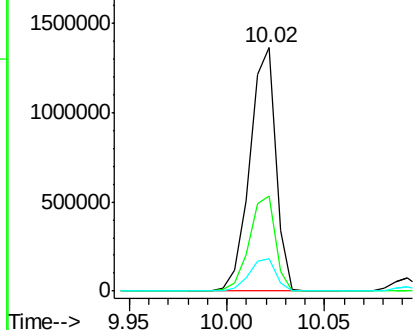


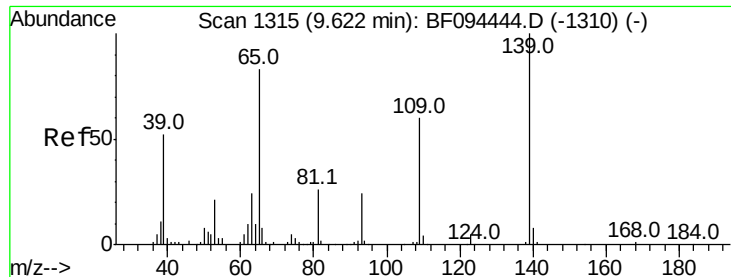
#54
Dibenzofuran
Concen: 40.05 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Tgt Ion:168 Resp: 1263287
Ion Ratio Lower Upper
168 100
139 39.0 30.6 45.8
169 13.4 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

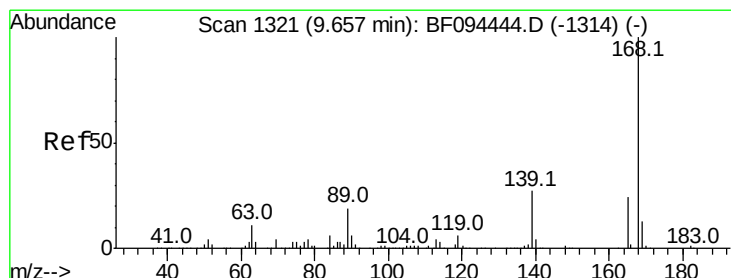
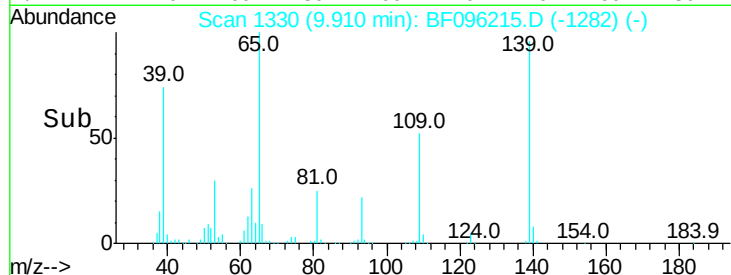
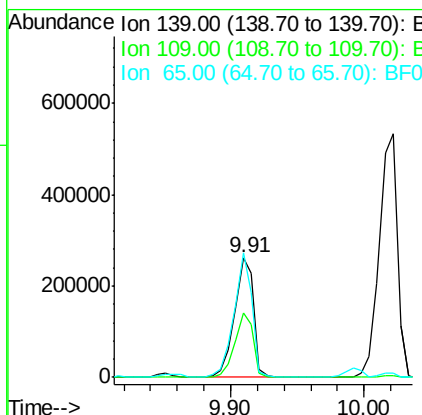
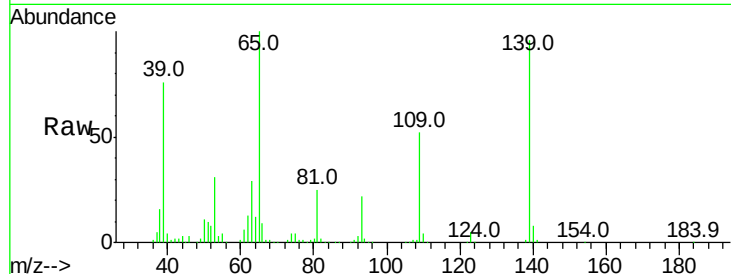




#55
4-Nitrophenol
Concen: 44.31 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

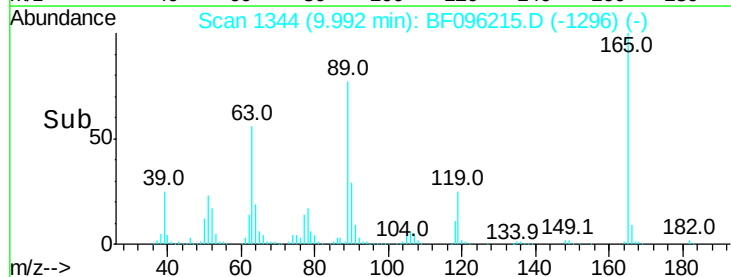
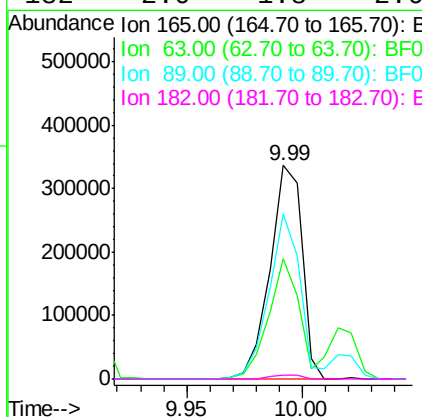
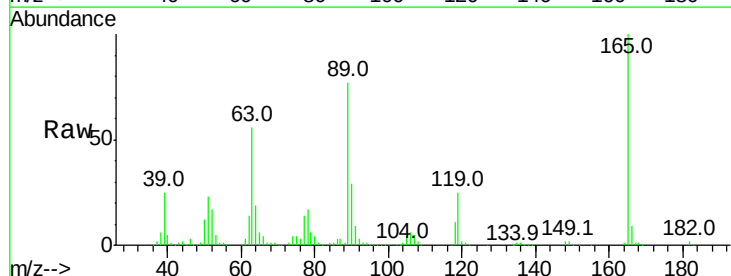
Instrument :
BNA_F
ClientSampleId :

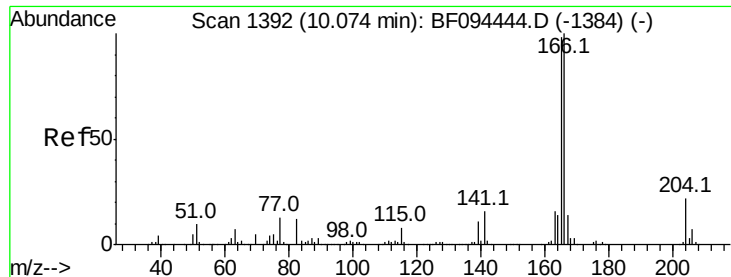
Tot Ion:139 Resp: 265482
Ion Ratio Lower Upper
139 100
109 53.9 34.1 74.1
65 104.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 44.48 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Tgt Ion:165 Resp: 324373
Ion Ratio Lower Upper
165 100
63 56.4 25.4 38.0#
89 77.1 46.4 69.6#
182 2.0 1.8 2.6





#57

Fluorene

Concen: 41.81 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampleId :

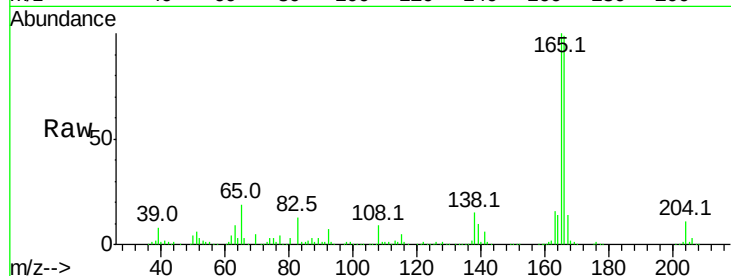
Tot Ion:166 Resp: 908255

Ion Ratio Lower Upper

166 100

165 101.3 78.8 118.2

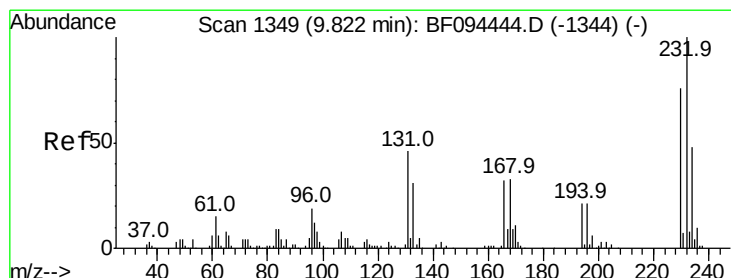
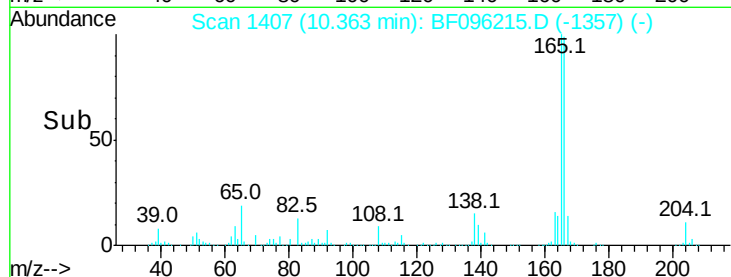
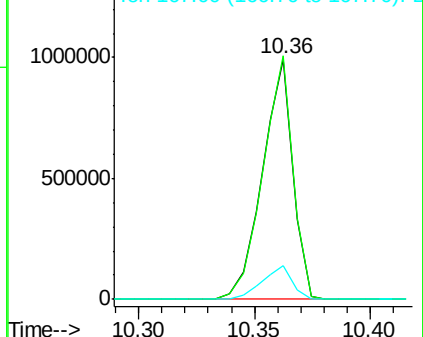
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.53 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Tgt Ion:232 Resp: 211693

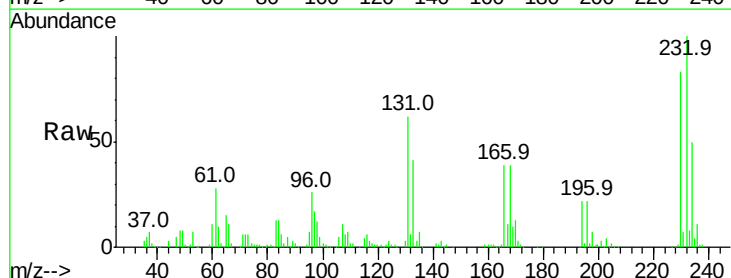
Ion Ratio Lower Upper

232 100

131 61.4 44.8 67.2

130 2.7 2.3 3.5

166 39.1 29.0 43.4

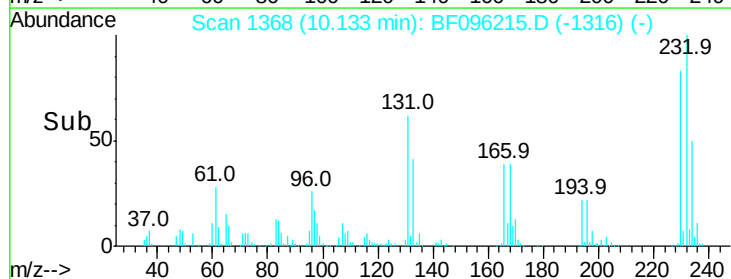
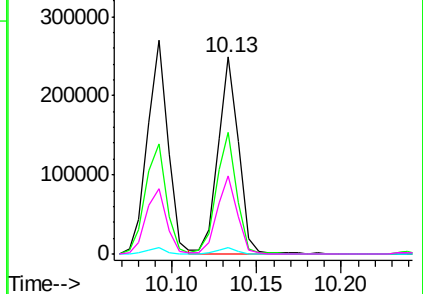


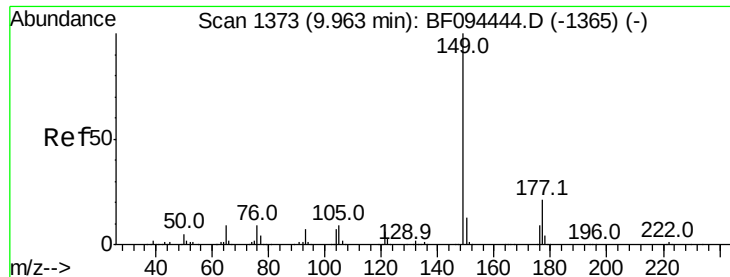
Abundance Ion 232.00 (231.70 to 232.70): E

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

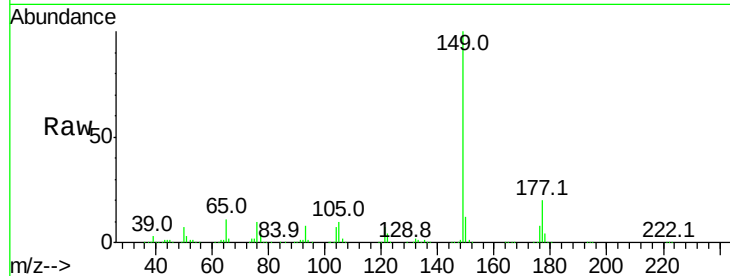




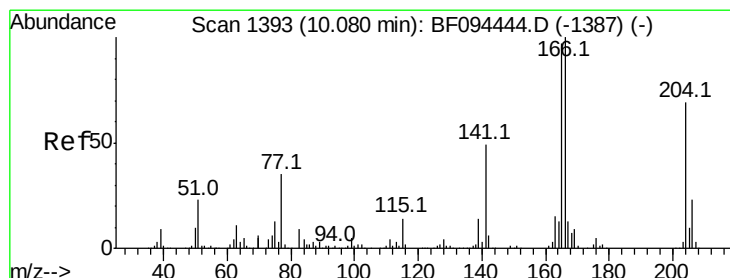
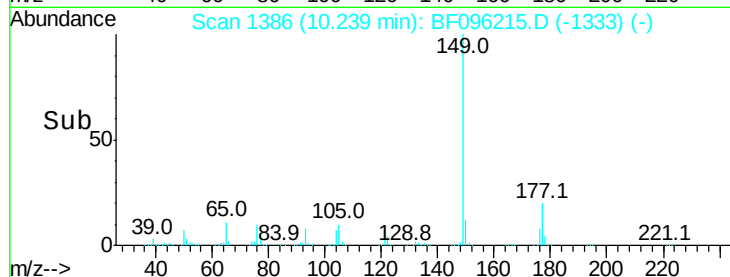
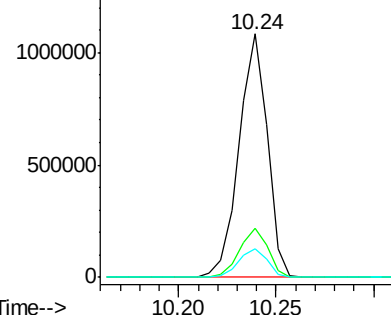
#59
Diethylphthalate
Concen: 38.97 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1088340
Ion Ratio Lower Upper
149 100
177 20.2 16.7 25.1
150 12.0 10.2 15.2

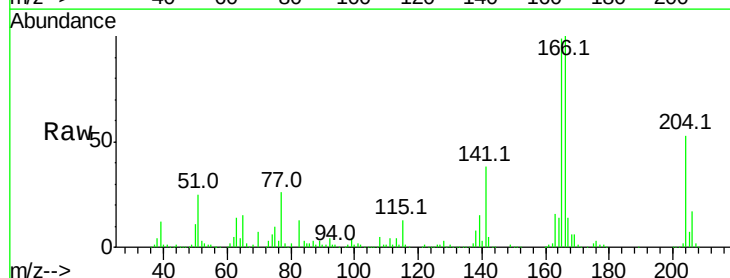


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

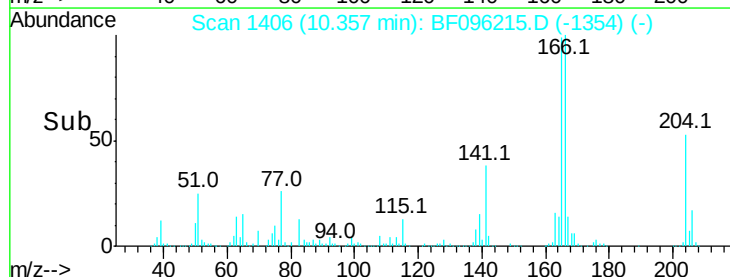
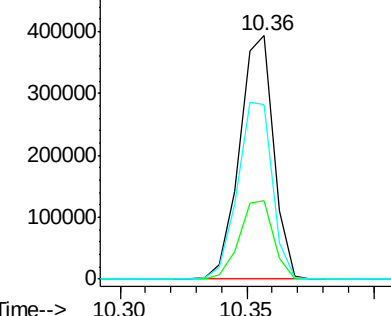


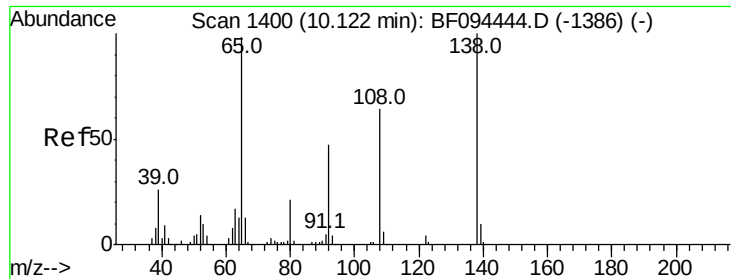
#60
4-Chlorophenyl-phenylether
Concen: 42.09 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Tgt Ion:204 Resp: 368434
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 71.8 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: 42.38 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

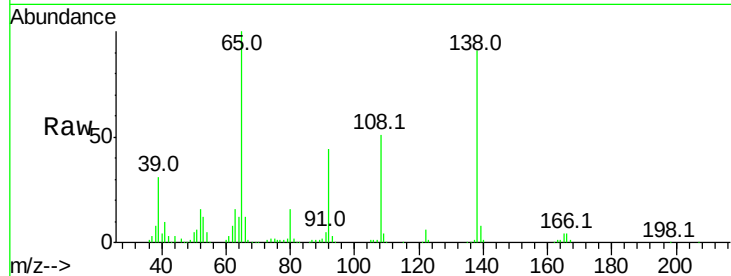
Instrument :

BNA_F

ClientSampleId :

Tot Ion:138 Resp: 273210

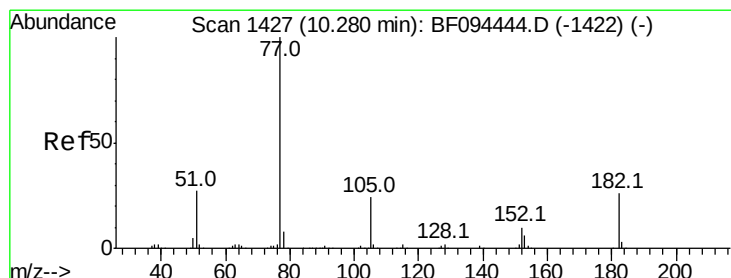
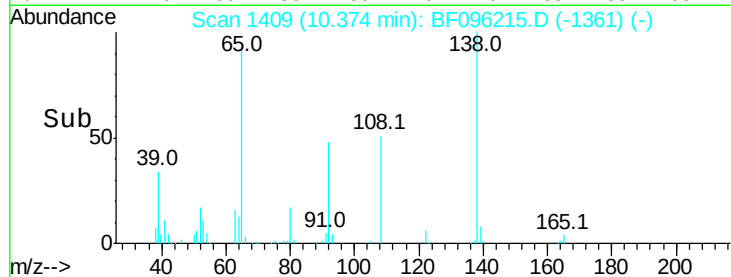
Ion	Ratio	Lower	Upper
138	100		
92	47.9	21.8	61.8
108	56.2	42.3	82.3



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: 38.96 ng

RT: 10.52 min Scan# 1433

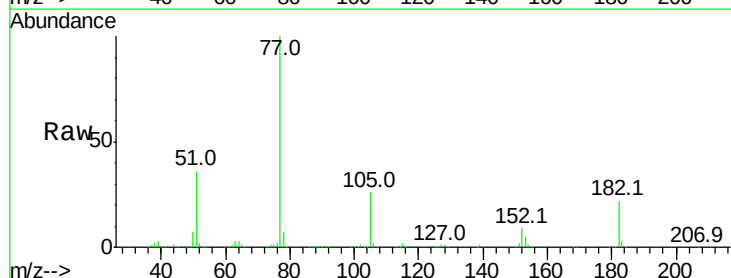
Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Tgt Ion: 77 Resp: 1097414

Ion	Ratio	Lower	Upper
77	100		
182	22.3	0.1	40.1
105	25.6	3.6	43.6
51	35.7	9.4	49.4

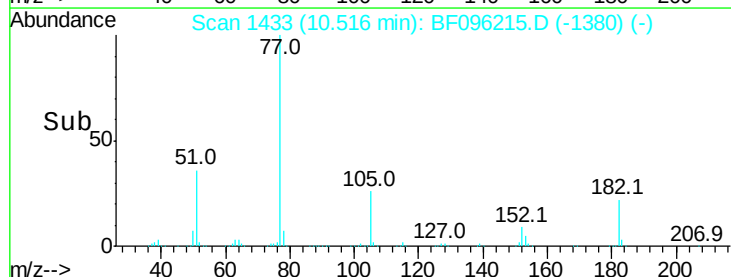


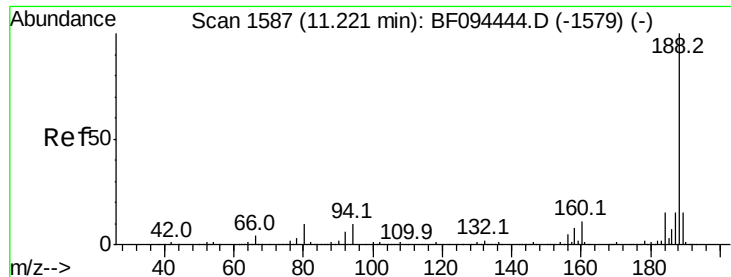
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

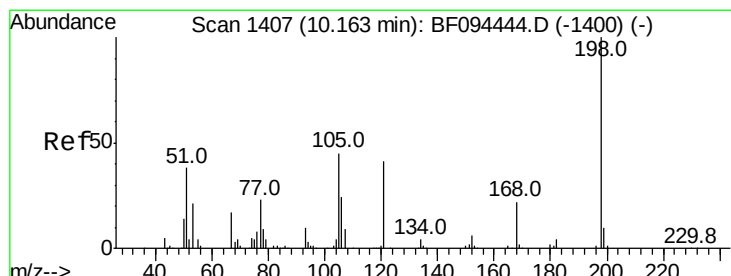
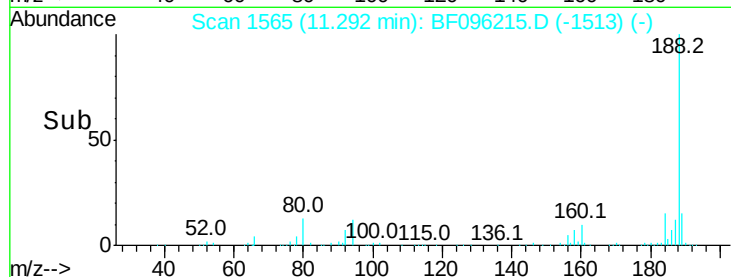
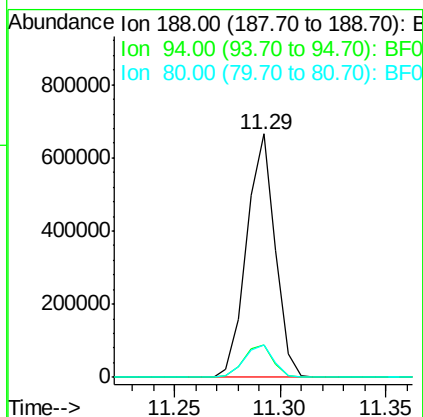
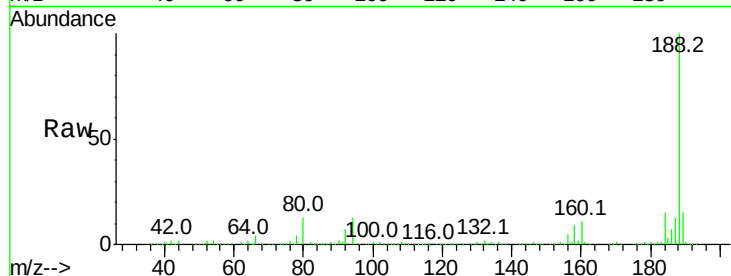




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

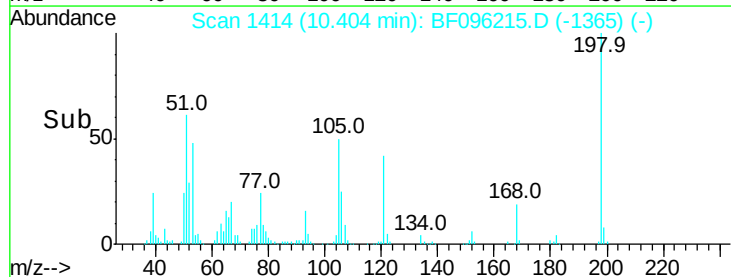
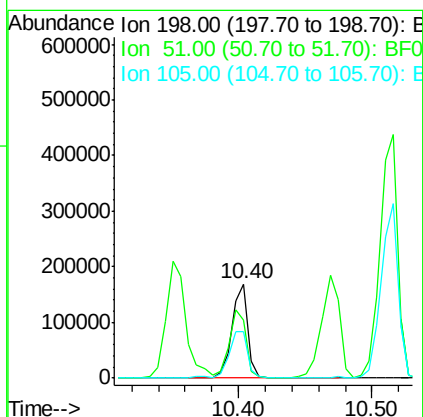
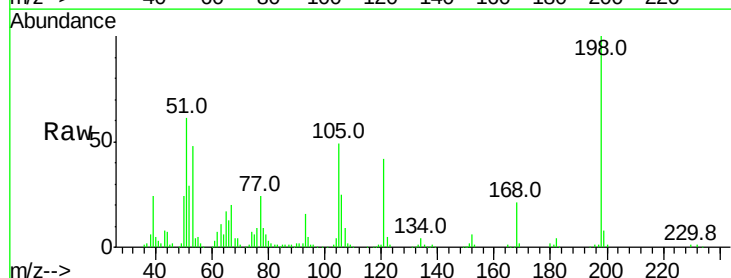
Instrument :
 BNA_F
 ClientSampled :

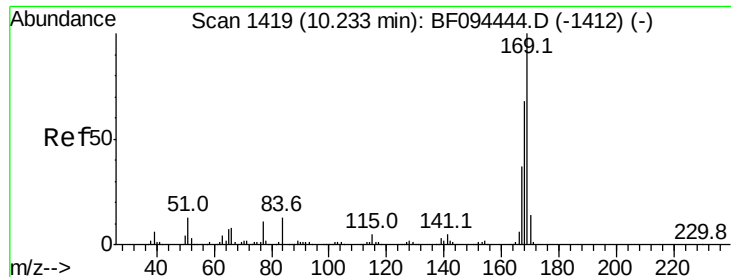
Tot Ion:188 Resp: 623694
 Ion Ratio Lower Upper
 188 100
 94 13.4 9.4 14.2
 80 13.3 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.23 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

Tgt Ion:198 Resp: 142023
 Ion Ratio Lower Upper
 198 100
 51 61.3 53.2 93.2
 105 49.4 45.8 85.8

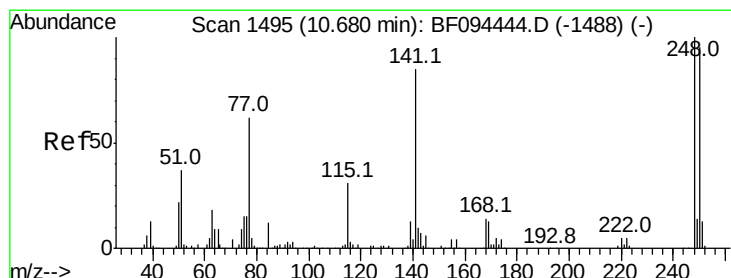
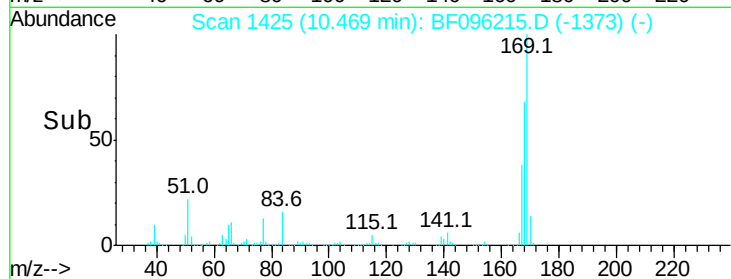
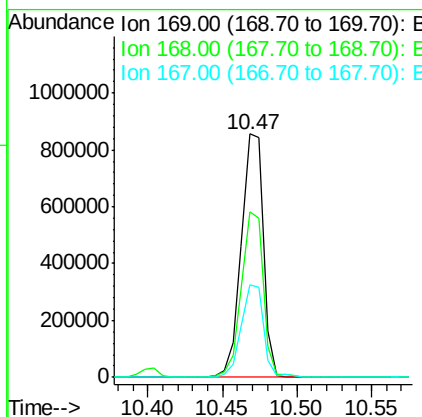
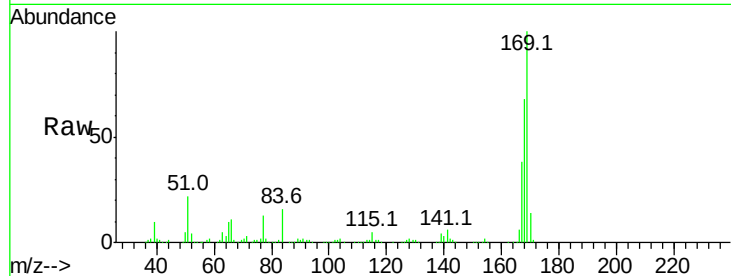




#65
n-Nitrosodiphenylamine
Concen: 39.11 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

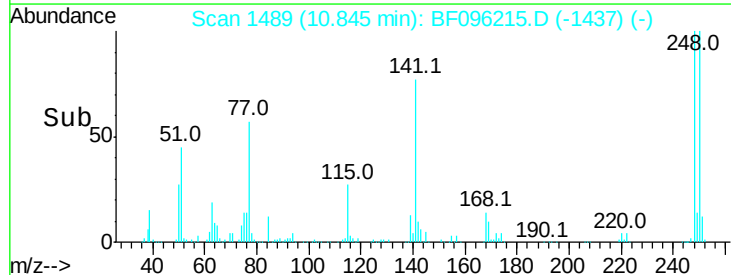
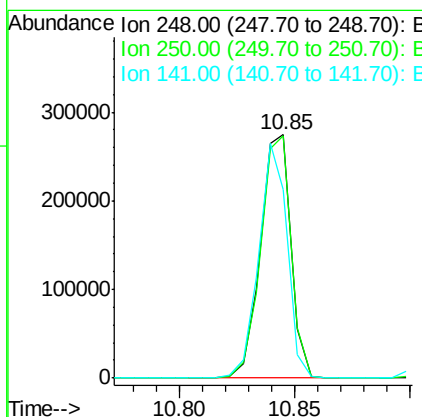
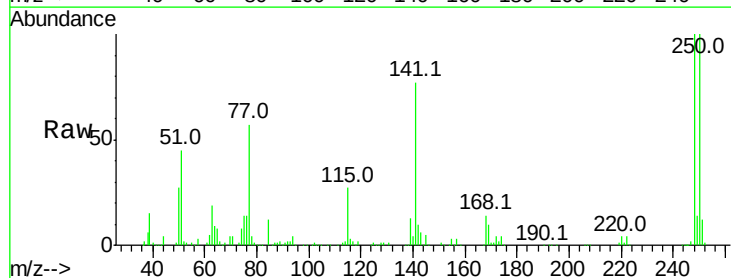
Instrument :
BNA_F
ClientSampleId :

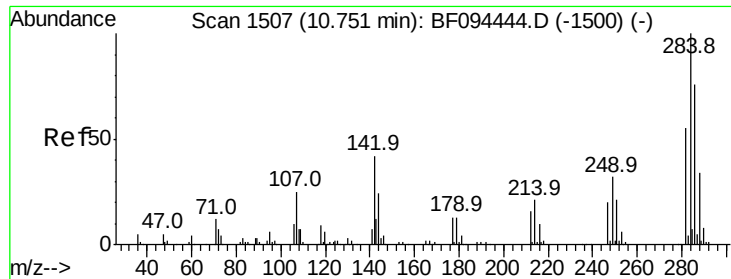
Tot Ion:169 Resp: 877311
Ion Ratio Lower Upper
169 100
168 68.1 53.2 79.8
167 38.1 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 39.40 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Tgt Ion:248 Resp: 252844
Ion Ratio Lower Upper
248 100
250 99.7 76.8 115.2
141 77.4 68.6 103.0

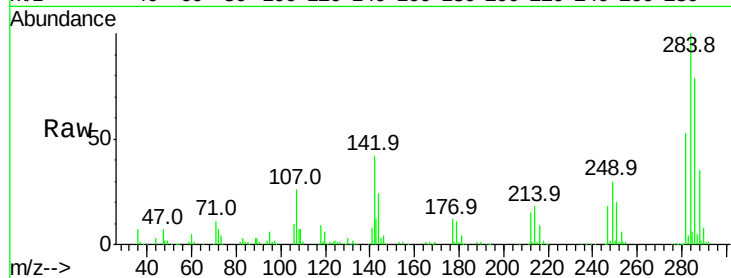




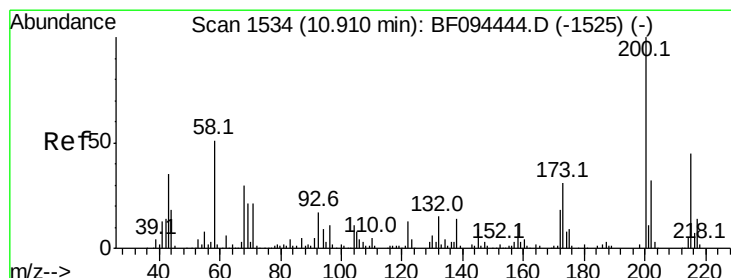
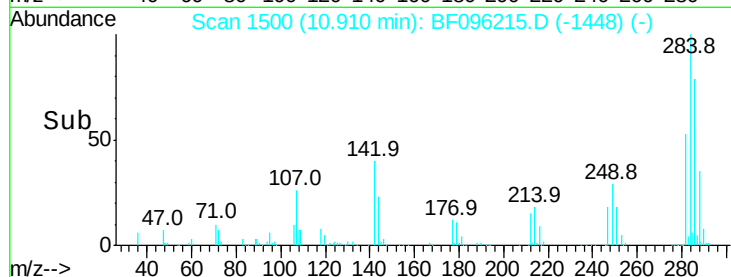
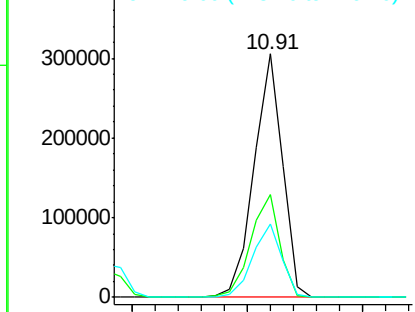
#67
Hexachlorobenzene
Concen: 39.78 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 262440
Ion Ratio Lower Upper
284 100
142 42.3 22.8 34.2#
249 30.4 24.0 36.0

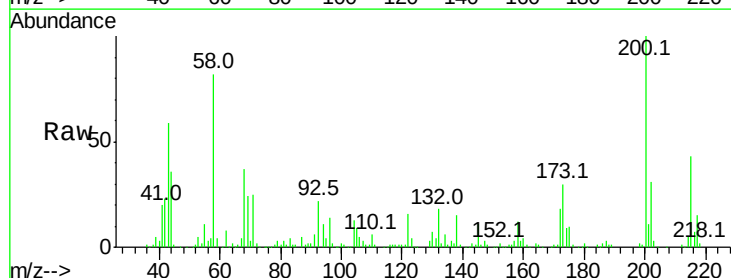


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

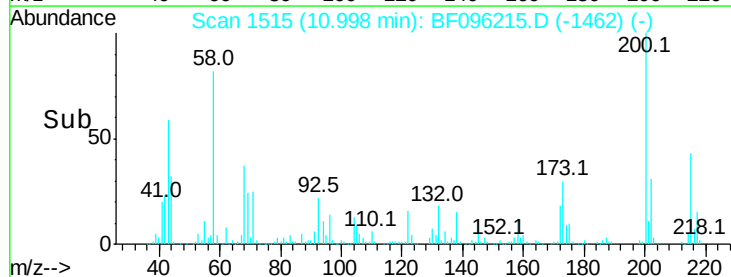
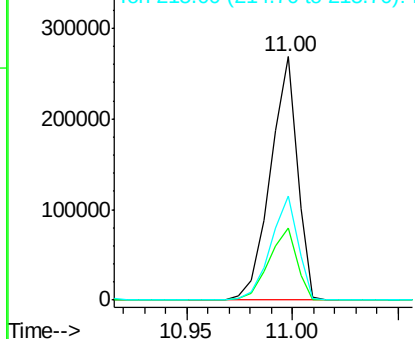


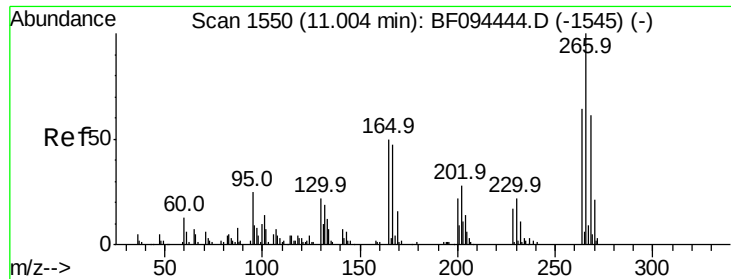
#68
Atrazine
Concen: 40.20 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Tgt Ion:200 Resp: 237894
Ion Ratio Lower Upper
200 100
173 29.7 6.3 46.3
215 42.7 27.2 67.2



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

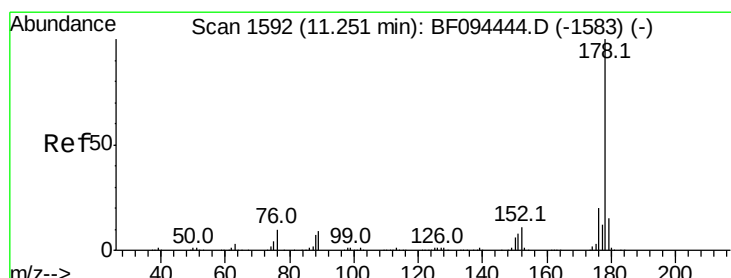
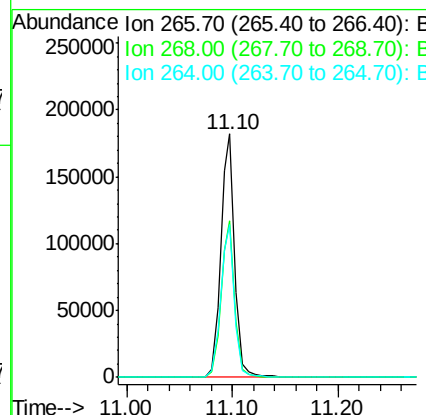
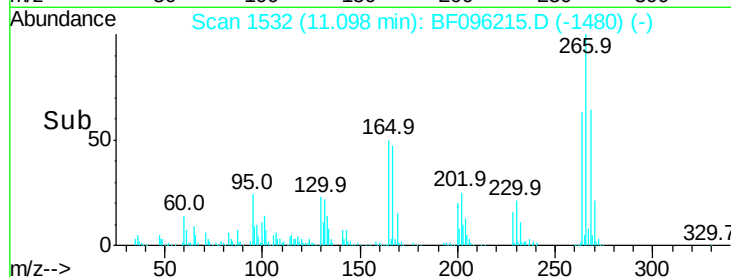
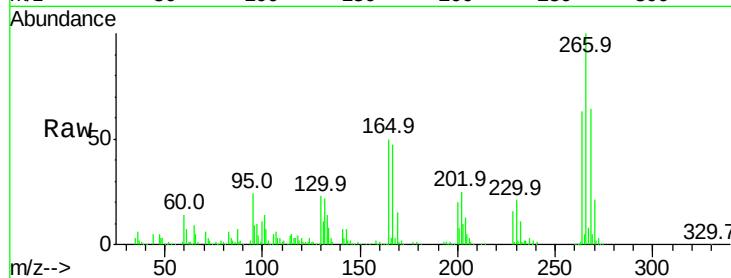




#69
 Pentachlorophenol
 Concen: 45.12 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

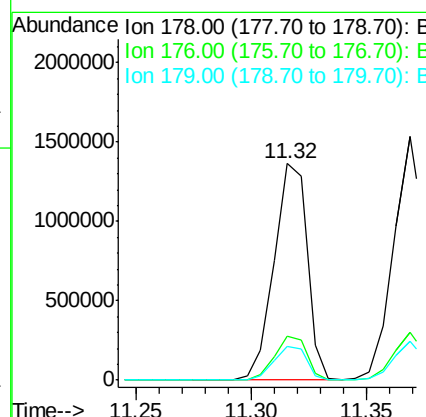
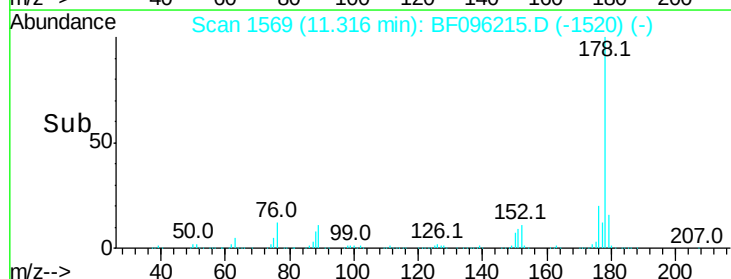
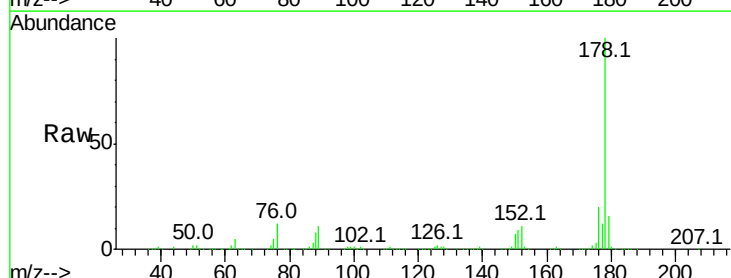
Instrument :
 BNA_F
 ClientSampled :

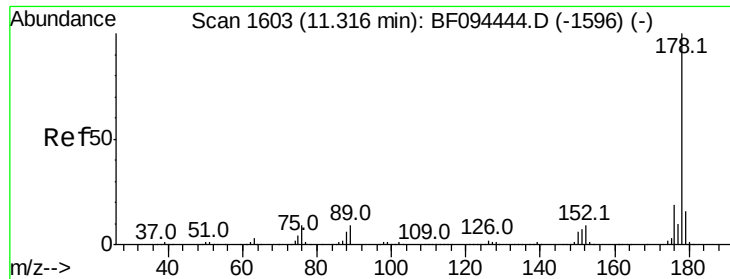
Tot Ion:266 Resp: 169934
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.1 76.7
 264 62.9 51.7 77.5



#70
 Phenanthrene
 Concen: 43.17 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

Tgt Ion:178 Resp: 1360124
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.4
 179 15.6 12.6 19.0

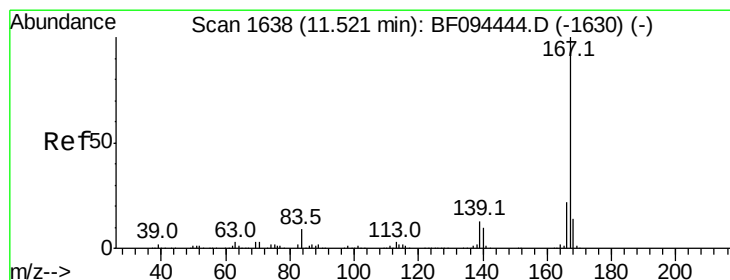
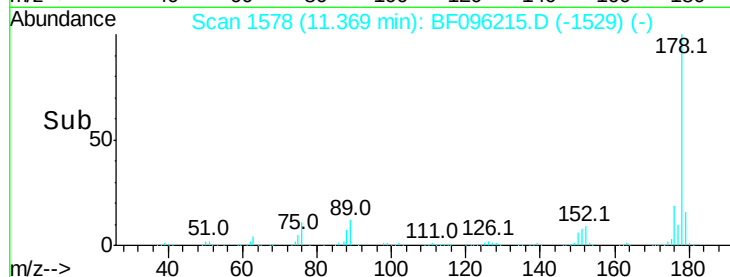
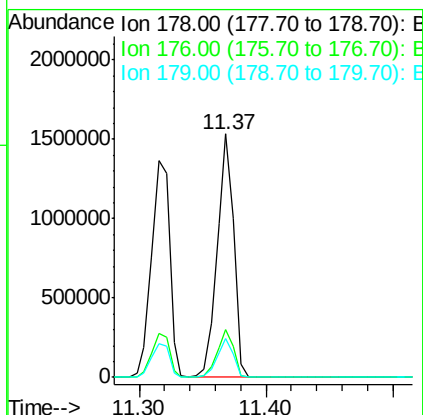
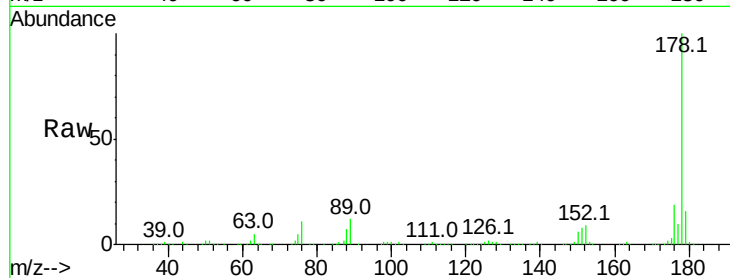




#71
 Anthracene
 Concen: 40.52 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

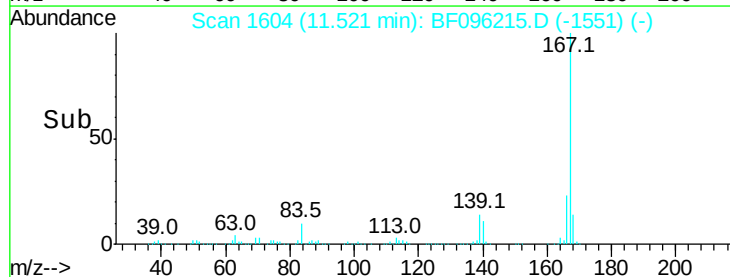
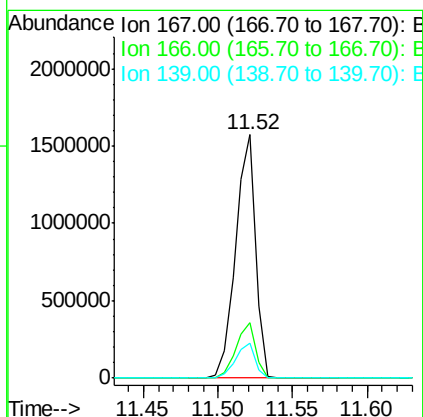
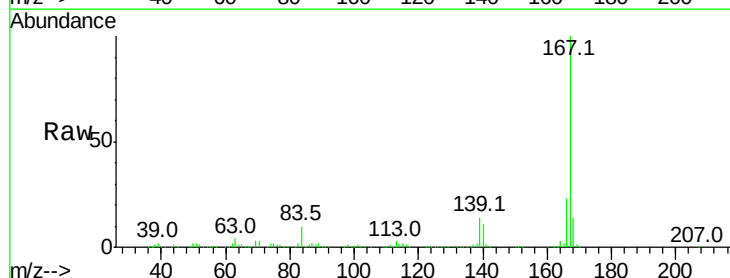
Instrument :
 BNA_F
 ClientSampleId :

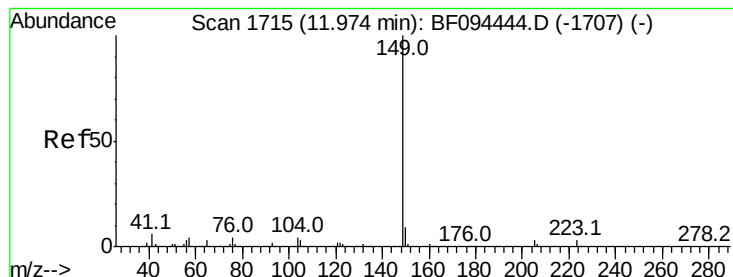
Tot Ion:178 Resp: 1412370
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 38.53 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

Tgt Ion:167 Resp: 1482562
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.43 ng

RT: 11.86 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampled :

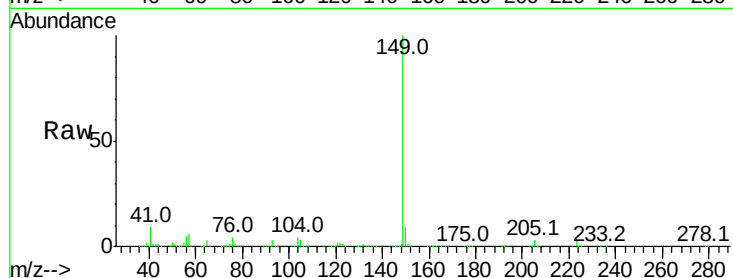
Tot Ion:149 Resp: 1642450

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

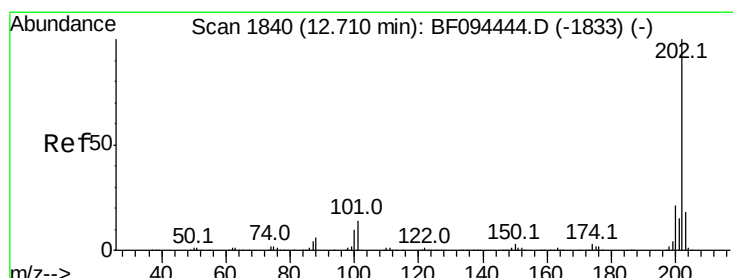
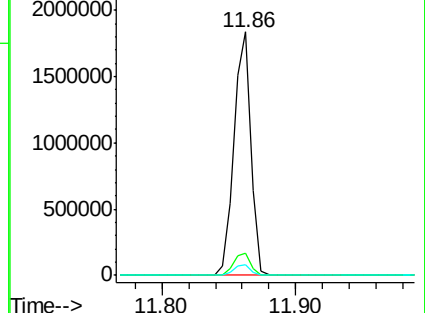
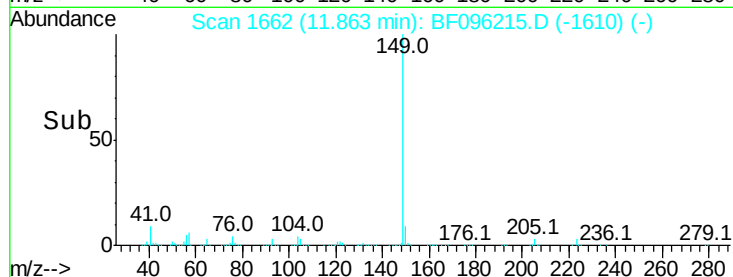
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.04 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

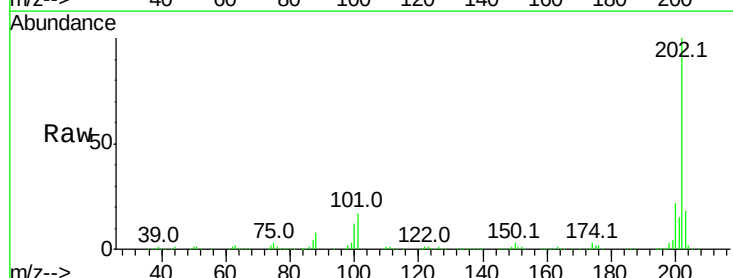
Tgt Ion:202 Resp: 1352651

Ion Ratio Lower Upper

202 100

101 16.8 0.0 33.2

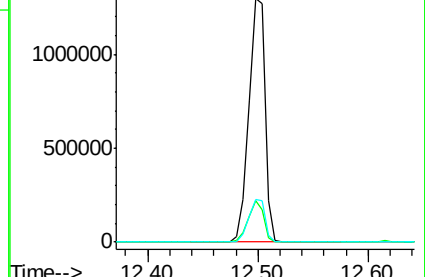
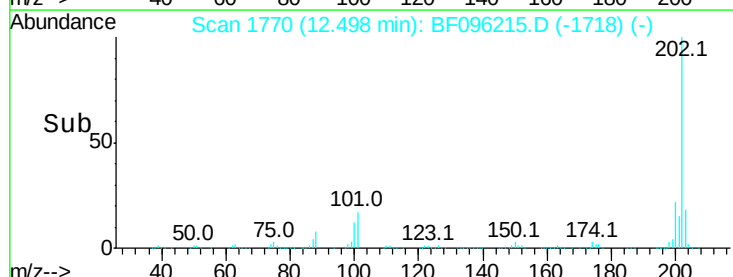
203 17.6 0.0 38.1

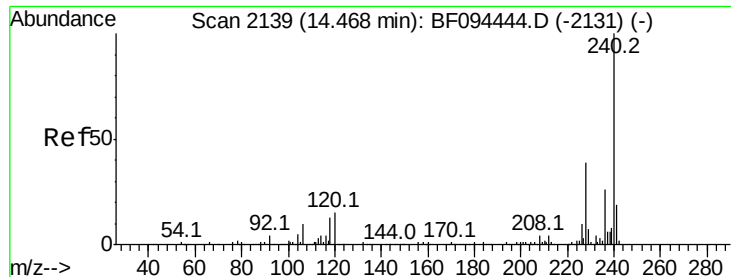


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampleId :

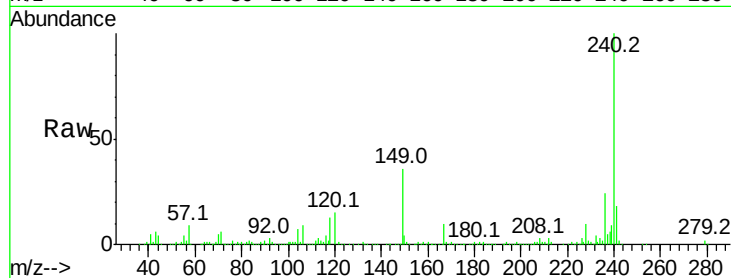
Tot Ion:240 Resp: 431003

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

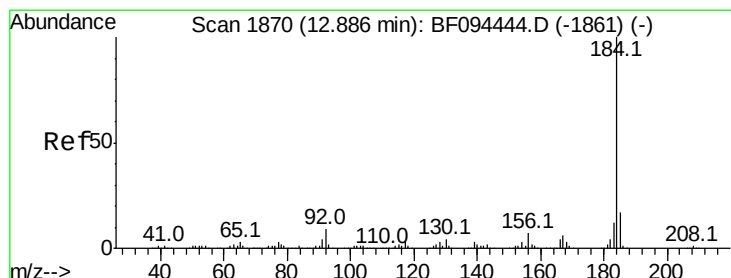
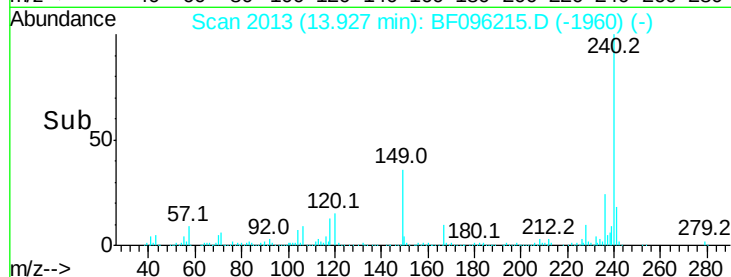
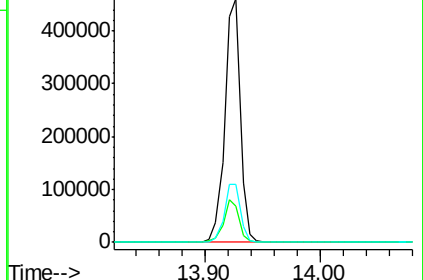
236 24.1 20.5 30.7



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: 37.25 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

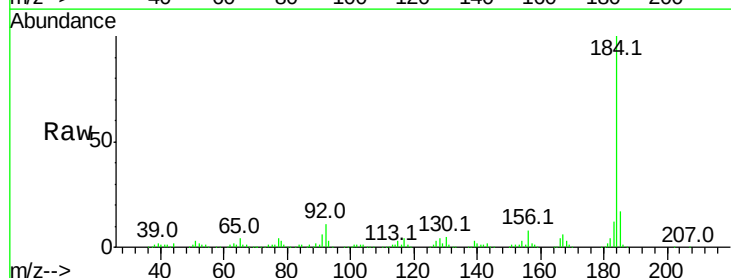
Tgt Ion:184 Resp: 601974

Ion Ratio Lower Upper

184 100

185 17.0 15.5 23.3

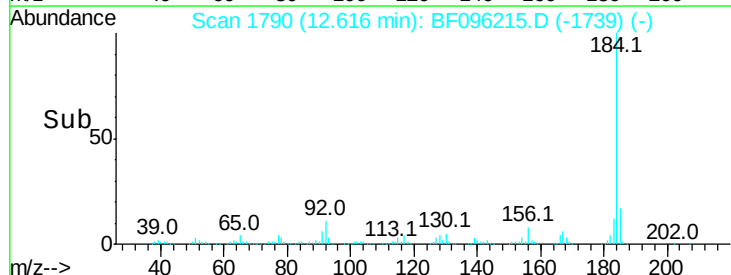
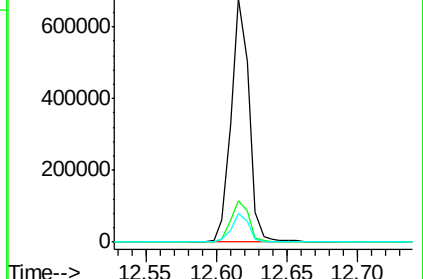
183 11.9 9.8 14.6

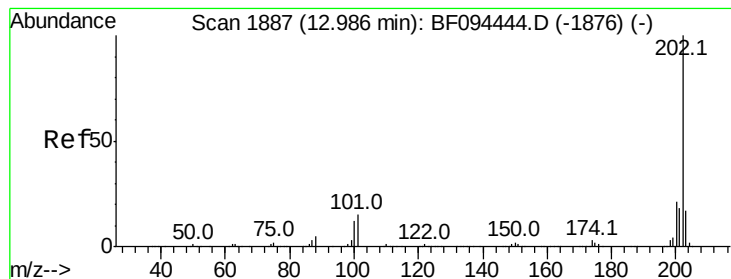


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.44 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampleId :

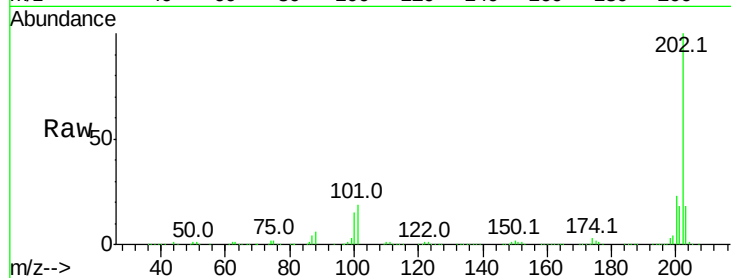
Tot Ion:202 Resp: 1396897

Ion Ratio Lower Upper

202 100

200 22.5 17.6 26.4

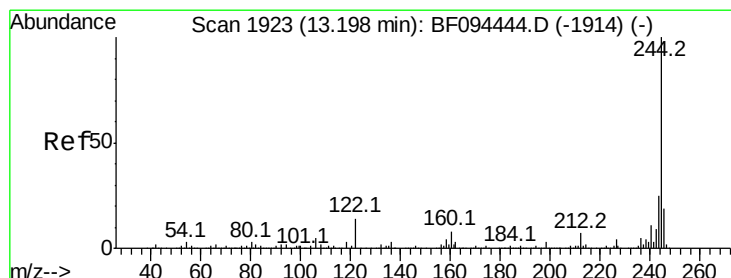
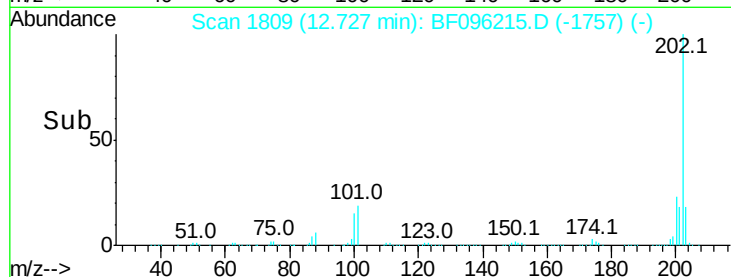
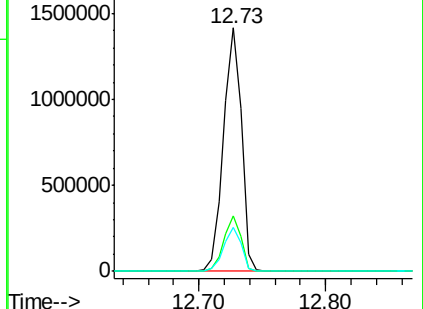
203 18.0 14.4 21.6



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: 77.39 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

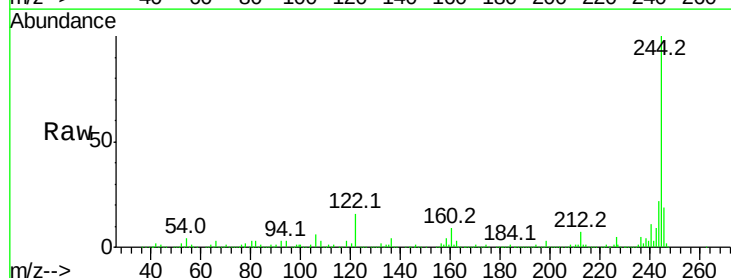
Tgt Ion:244 Resp: 1336817

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

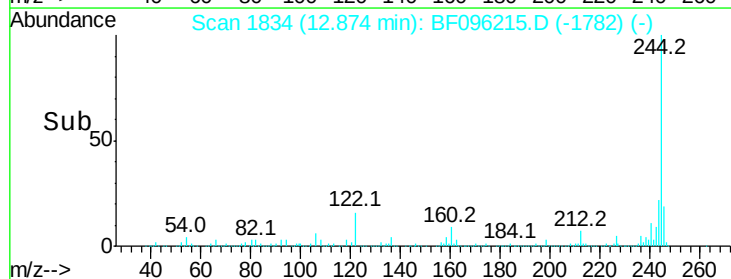
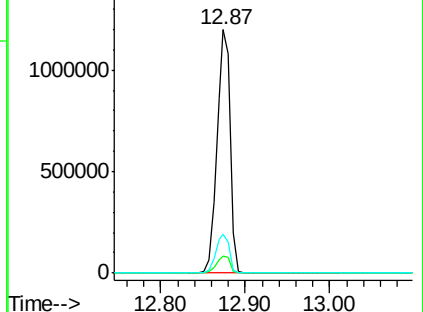
122 16.2 10.3 15.5#

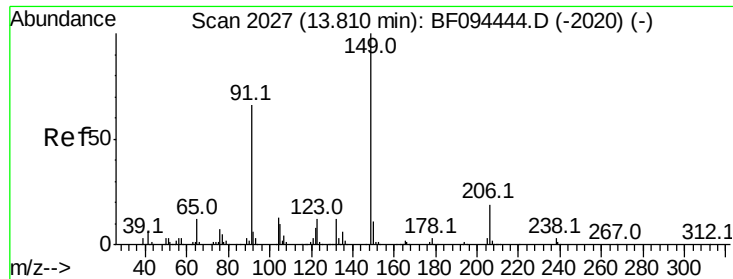


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

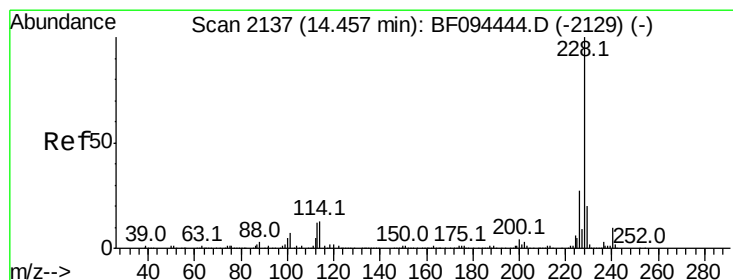
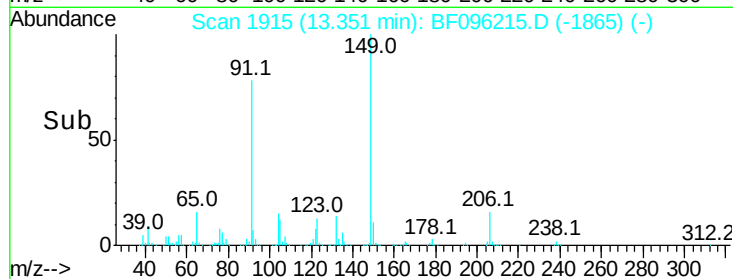
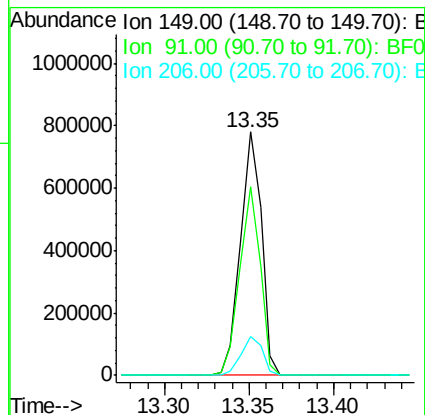
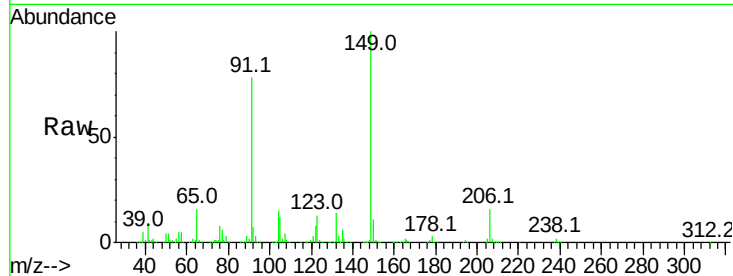




#79
Butylbenzylphthalate
Concen: 41.68 ng
RT: 13.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

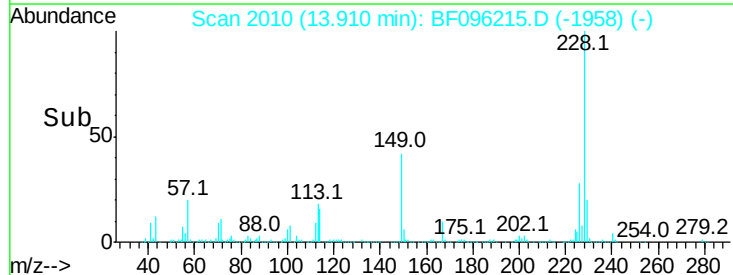
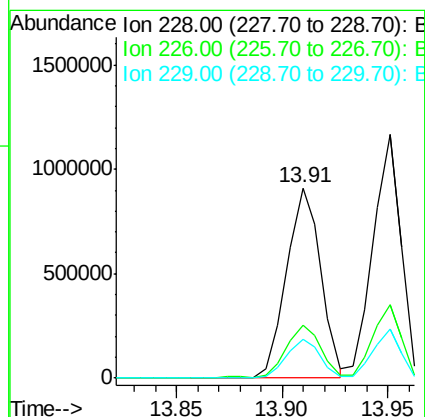
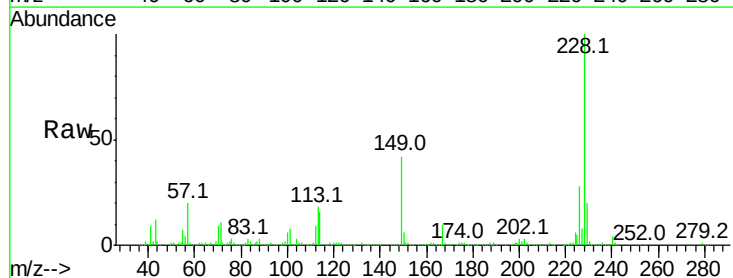
Instrument :
BNA_F
ClientSampleId :

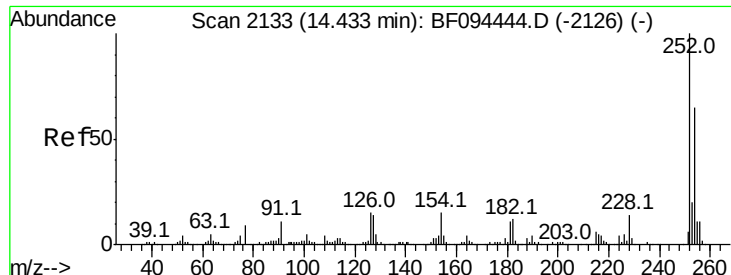
Tot Ion:149 Resp: 676533
Ion Ratio Lower Upper
149 100
91 77.6 45.0 67.4#
206 16.1 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 39.09 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Tgt Ion:228 Resp: 1026896
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.3 16.3 24.5

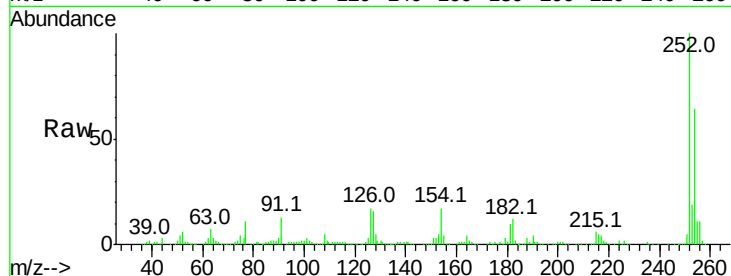




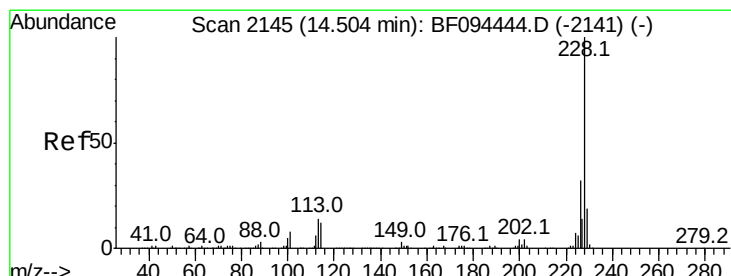
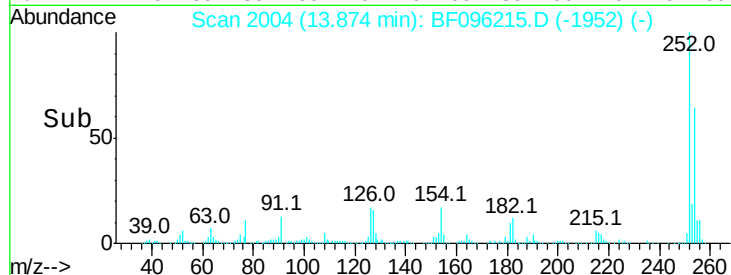
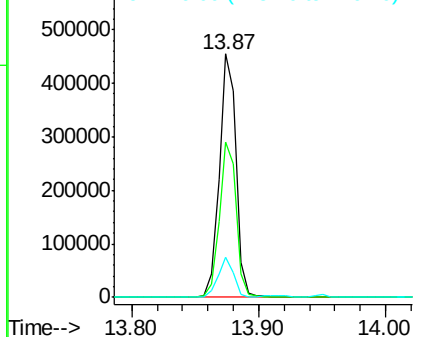
#81
 3,3'-Dichlorobenzidine
 Concen: 42.19 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	16.6	15.8	23.8

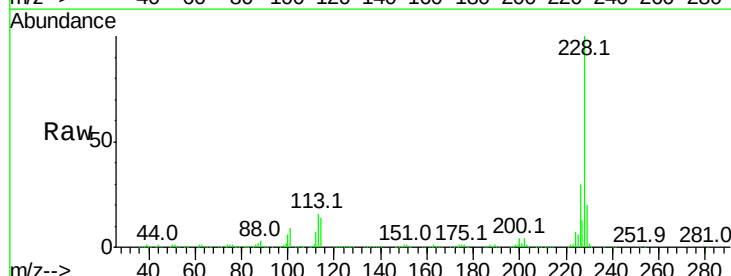


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

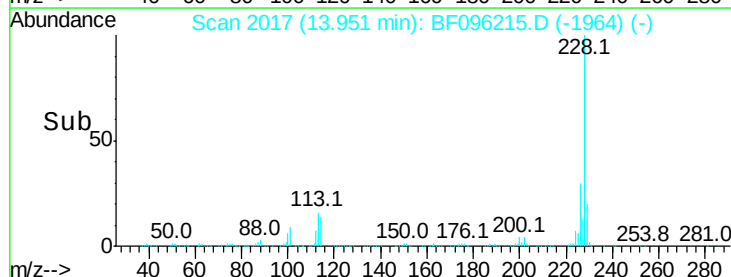
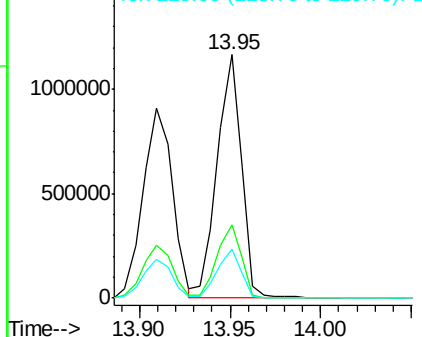


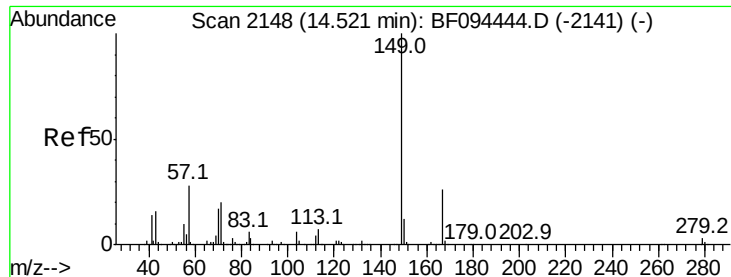
#82
 Chrysene
 Concen: 39.91 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.0	15.8	23.6



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

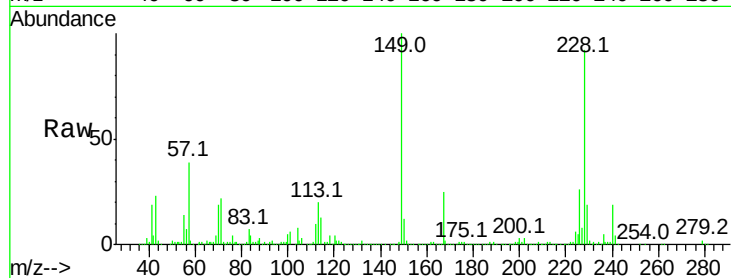




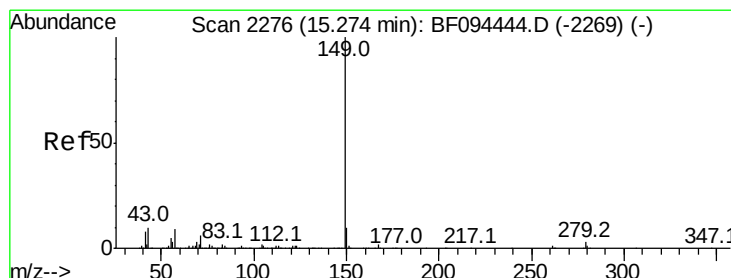
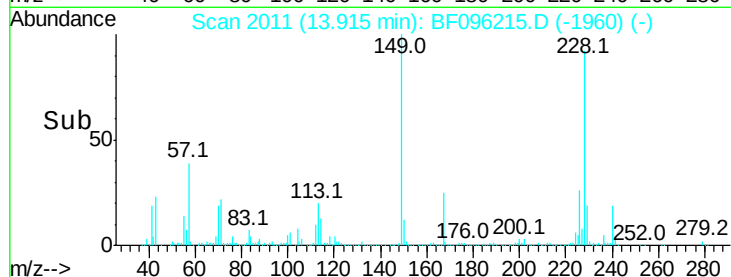
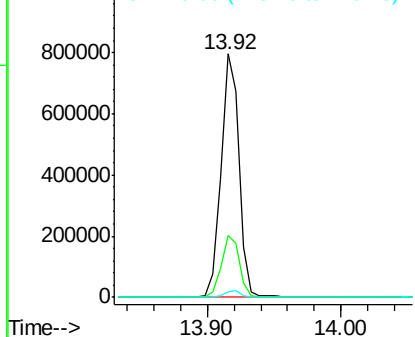
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.92 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 757117
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.0 31.4
 279 2.5 1.9 2.9

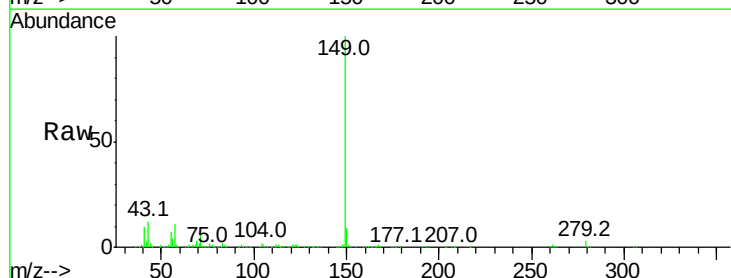


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

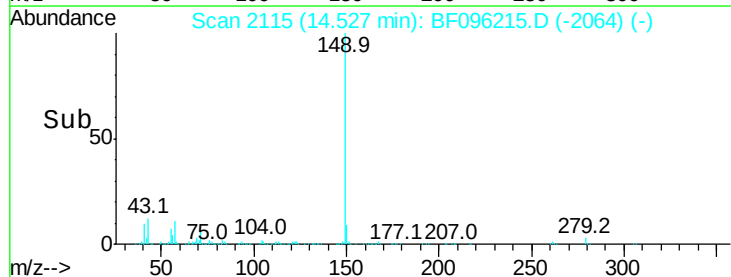
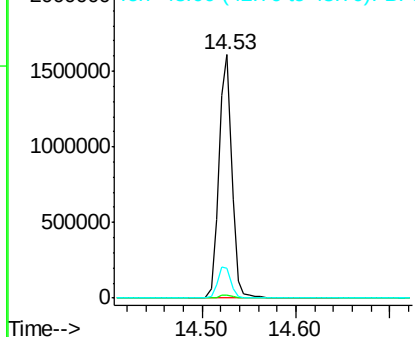


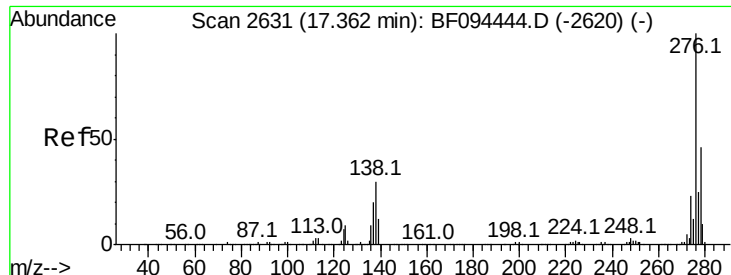
#84
 Di-n-octyl phthalate
 Concen: 42.66 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

Tgt Ion:149 Resp: 1549843
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 13.7 8.5 12.7#



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

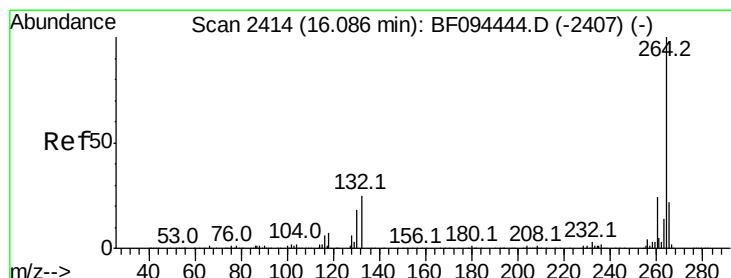
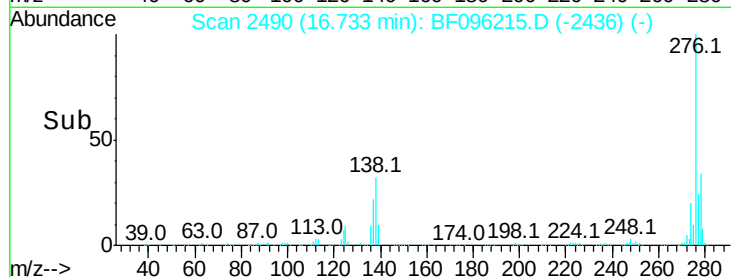
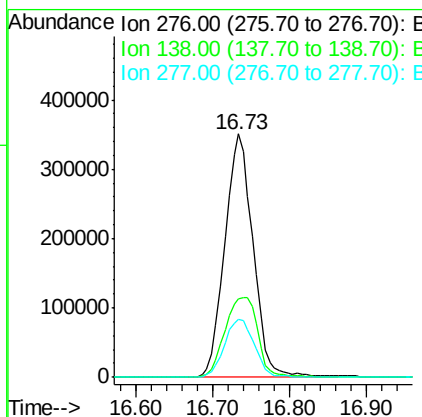
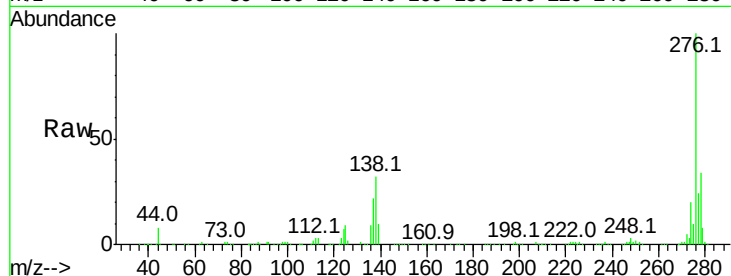




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.87 ng
 RT: 16.73 min Scan# 2490
 Delta R.T. 0.02 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

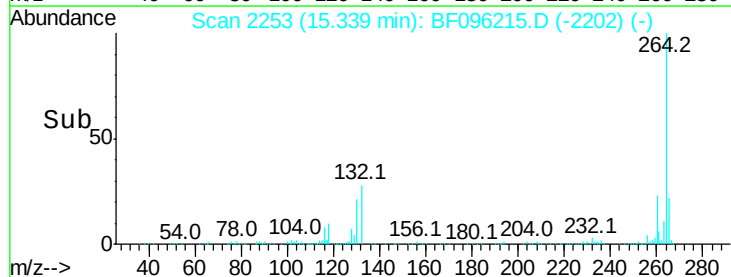
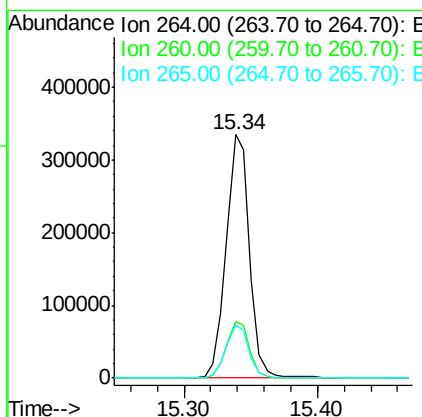
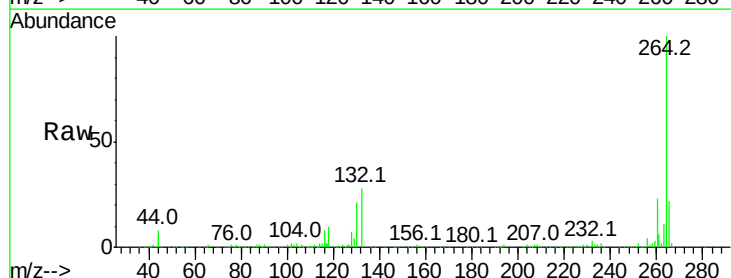
Instrument :
 BNA_F
 ClientSampleId :

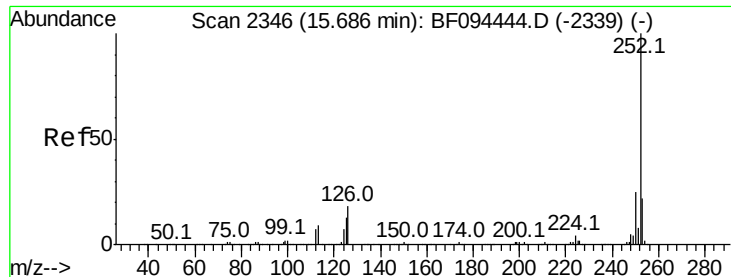
Tot Ion	Ratio	Lower	Upper
276	100		
138	38.5	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BF096215.D
 Acq: 27 Jun 2017 13:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 37.11 ng

RT: 14.97 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampleId :

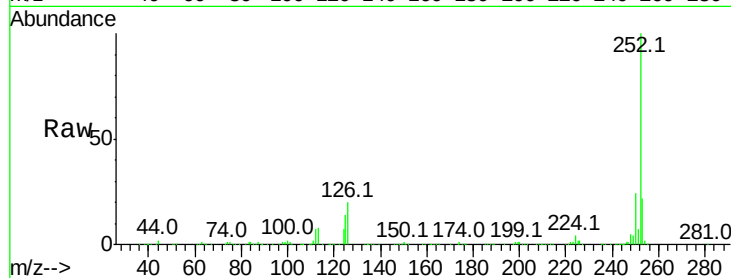
Tot Ion:252 Resp: 1008592

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

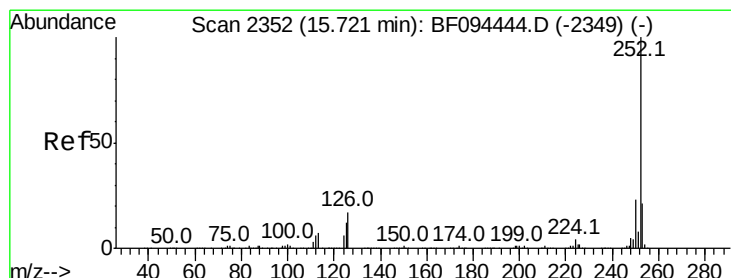
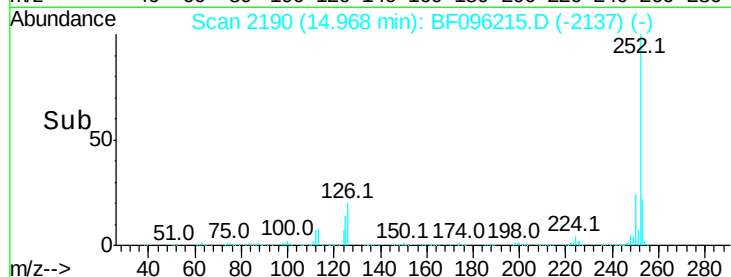
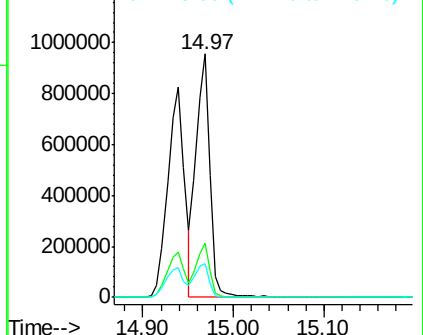
125 14.1 9.8 14.8



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: 40.65 ng

RT: 14.97 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

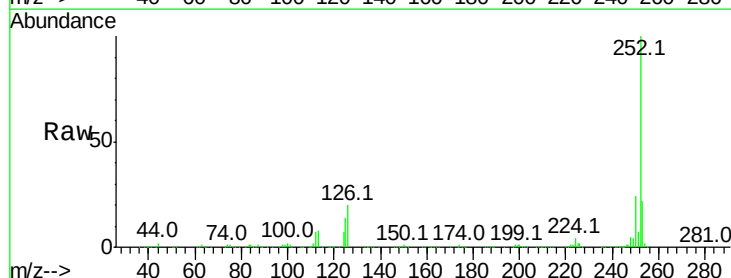
Tgt Ion:252 Resp: 1008592

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

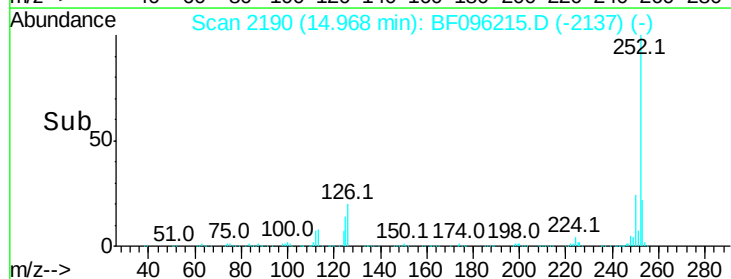
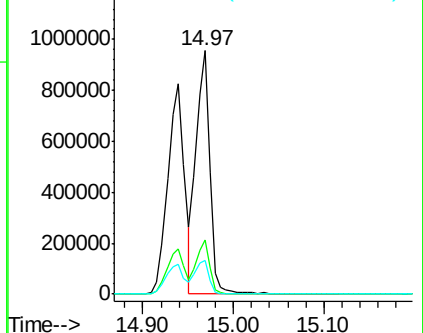
125 14.1 13.1 19.7

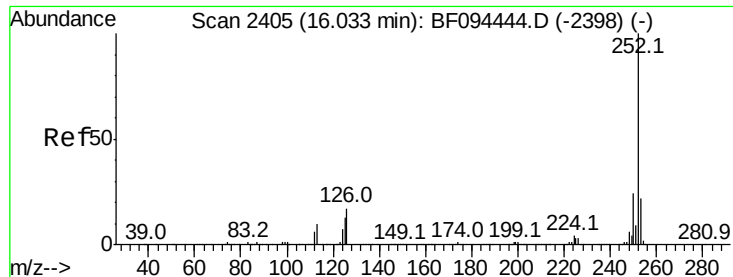


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

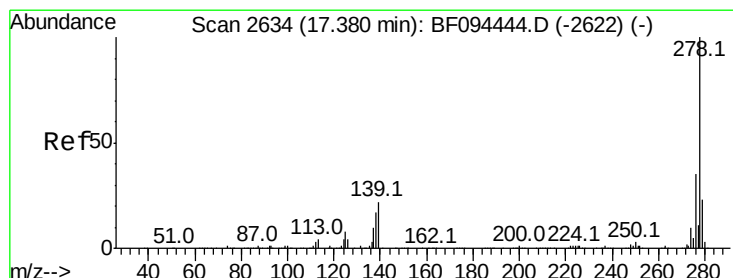
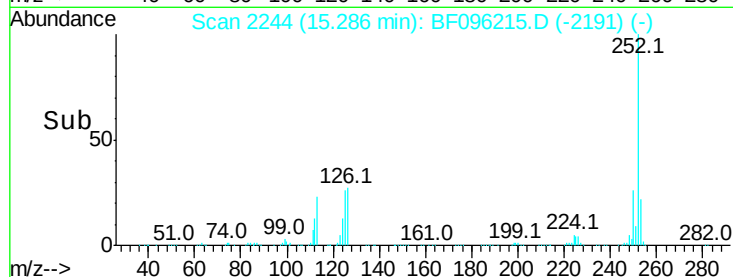
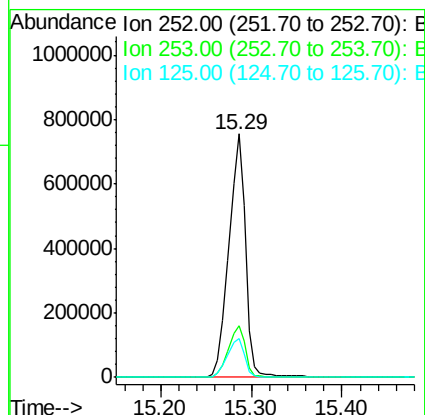
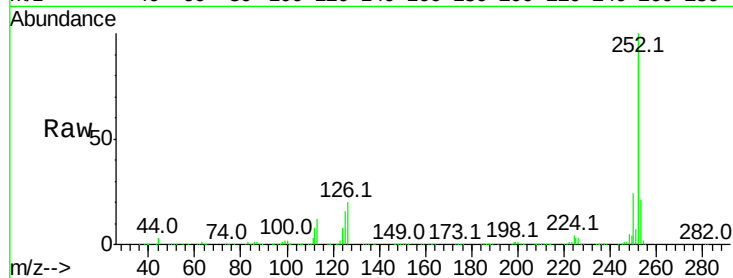




#89
Benzo(a)pyrene
Concen: 40.28 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

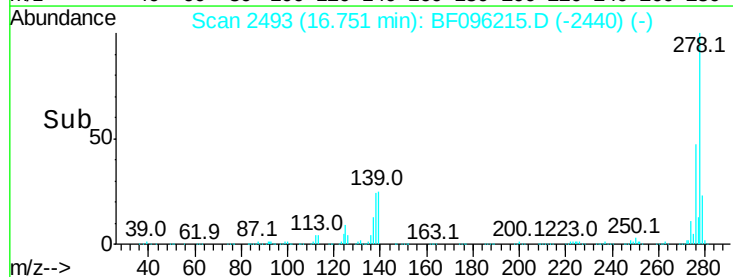
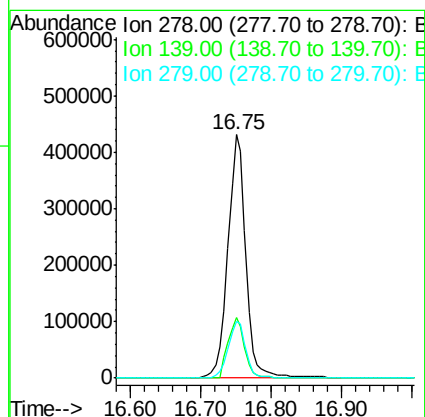
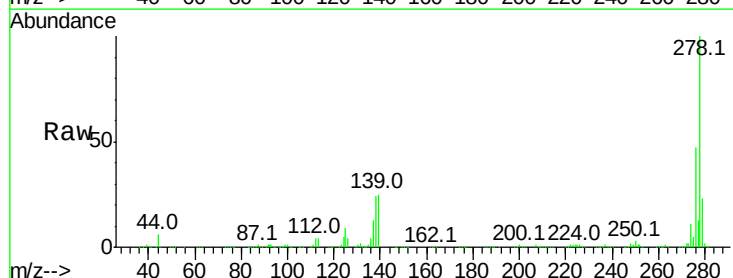
Instrument :
BNA_F
ClientSampleId :

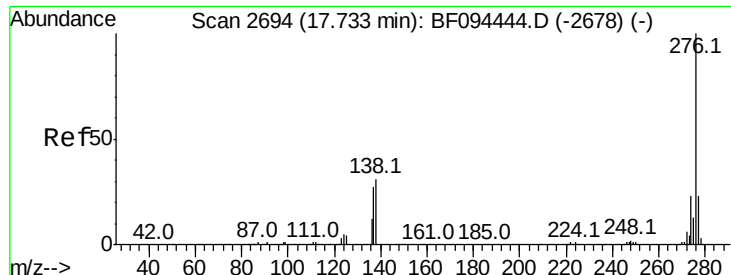
Tot Ion:252 Resp: 966720
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 16.2 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 40.66 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BF096215.D
Acq: 27 Jun 2017 13:39

Tgt Ion:278 Resp: 764259
Ion Ratio Lower Upper
278 100
139 24.8 16.6 24.8
279 23.4 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 39.10 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.02 min

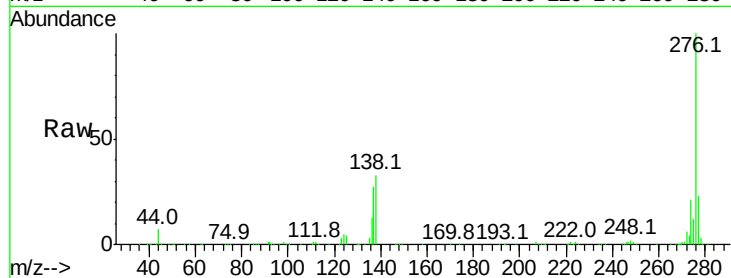
Lab File: BF096215.D

Acq: 27 Jun 2017 13:39

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 763843

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 33.2 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

