

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098869.D
 Acq On : 27 Sep 2017 18:13
 Operator : SJ/JU
 Sample : I5421-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:51:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	137412	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	582689	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	273212	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	508983	20.00	ng	0.00
75) Chrysene-d12	14.09	240	447656	20.00	ng	0.00
86) Perylene-d12	15.57	264	420274	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	950906	110.16	ng	0.00
7) Phenol-d6	6.55	99	1059592	99.51	ng	0.00
23) Nitrobenzene-d5	7.48	82	790518	87.00	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	291827	130.54	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1359718	83.08	ng	0.00
78) Terphenyl-d14	13.03	244	1461500	74.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	137563	33.36	ng	98
3) Pyridine	3.58	79	362076	32.46	ng	99
4) n-Nitrosodimethylamine	3.52	42	194916	41.21	ng	99
6) Aniline	6.58	93	224869	15.65	ng	98
8) 2-Chlorophenol	6.70	128	382220	39.10	ng	95
9) Benzaldehyde	6.47	77	73614	11.92	ng	98
10) Phenol	6.56	94	396894	33.33	ng	95
11) bis(2-Chloroethyl)ether	6.65	93	383641	41.44	ng	99
12) 1,3-Dichlorobenzene	6.86	146	408919	39.94	ng	98
13) 1,4-Dichlorobenzene	6.93	146	413767	39.72	ng	99
14) 1,2-Dichlorobenzene	7.09	146	392306	40.76	ng	99
15) Benzyl Alcohol	7.06	79	341299	43.69	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	591032	40.97	ng	98
17) 2-Methylphenol	7.16	107	318349	39.80	ng	97
18) Hexachloroethane	7.43	117	147955	39.52	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	265863	39.11	ng	96
20) 3+4-Methylphenols	7.32	107	391188	38.66	ng	# 81
22) Acetophenone	7.32	105	540734	38.30	ng	# 99
24) Nitrobenzene	7.50	77	412937	40.06	ng	96
25) Isophorone	7.73	82	756589	40.28	ng	99
26) 2-Nitrophenol	7.81	139	213522	43.08	ng	94
27) 2,4-Dimethylphenol	7.85	122	361307	38.60	ng	98
28) bis(2-Chloroethoxy)methane	7.94	93	492079	42.03	ng	99
29) 2,4-Dichlorophenol	8.05	162	331821	41.29	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	331888	41.29	ng	99
31) Naphthalene	8.22	128	1135071	41.48	ng	100
32) Benzoic acid	7.94	122	124410	16.18	ng	96
33) 4-Chloroaniline	8.26	127	125074	10.94	ng	97
34) Hexachlorobutadiene	8.33	225	164805	39.81	ng	99
35) Caprolactam	8.63	113	57511	22.31	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	360710	39.93	ng	96
37) 2-Methylnaphthalene	8.91	142	806449	45.33	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	304636	37.39	ng	99
40) Hexachlorocyclopentadiene	9.06	237	289573	77.77	ng	97

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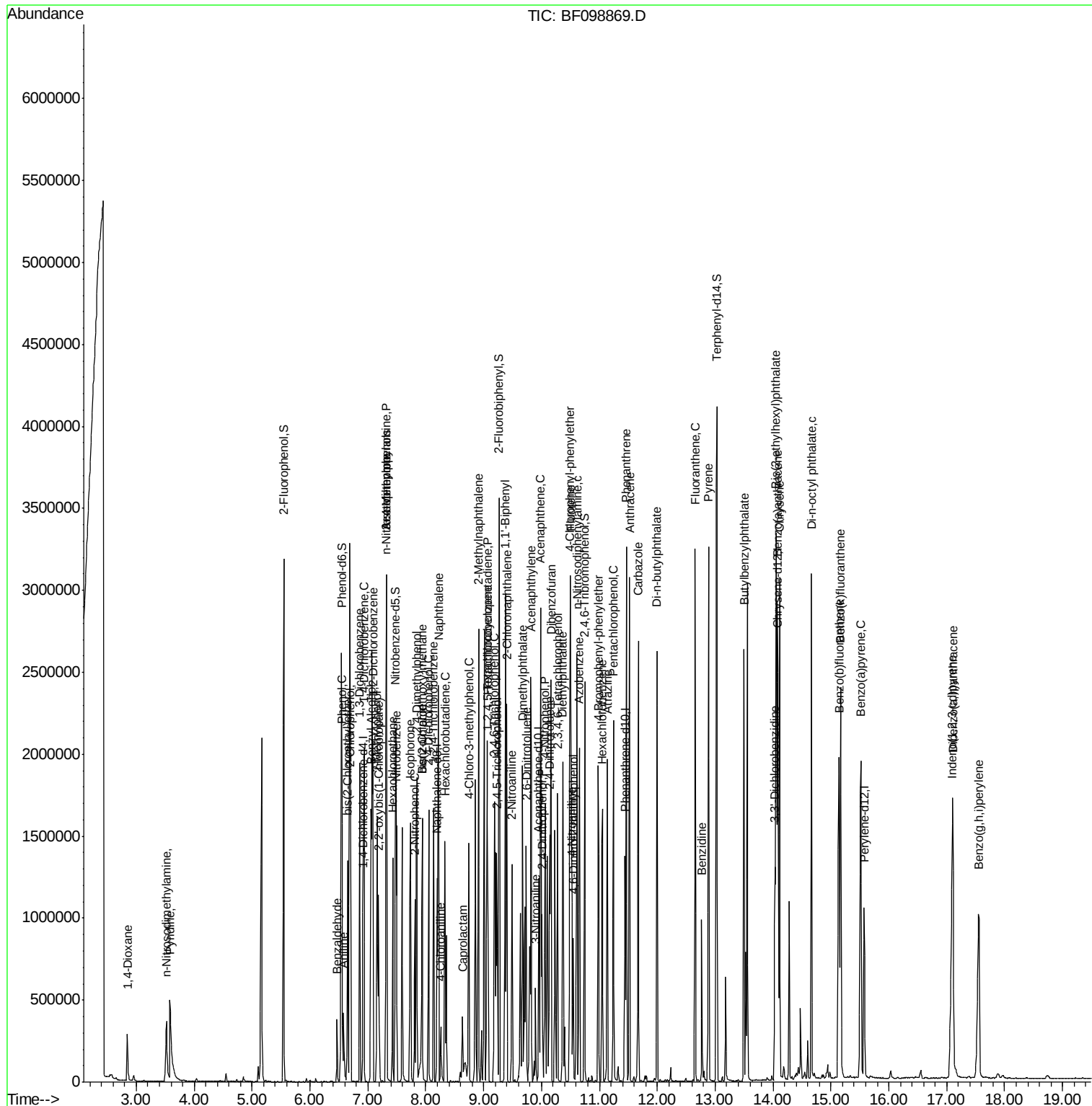
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	228835	39.64	ng	98
43) 2,4,5-Trichlorophenol	9.23	196	242521	42.09	ng	96
45) 1,1'-Biphenyl	9.37	154	916484	39.03	ng	99
46) 2-Chloronaphthalene	9.40	162	730901	41.46	ng	99
47) 2-Nitroaniline	9.49	65	237593	44.01	ng	100
48) Acenaphthylene	9.82	152	1133673	42.01	ng	100
49) Dimethylphthalate	9.67	163	875193	42.44	ng	100
50) 2,6-Dinitrotoluene	9.73	165	202384	45.08	ng	97
51) Acenaphthene	9.99	154	745789	43.62	ng	99
52) 3-Nitroaniline	9.90	138	97462	18.62	ng	99
53) 2,4-Dinitrophenol	10.01	184	128114	56.65	ng	94
54) Dibenzofuran	10.16	168	1037056	45.56	ng	98
55) 4-Nitrophenol	10.06	139	342515	77.39	ng	93
56) 2,4-Dinitrotoluene	10.14	165	278973	47.88	ng	95
57) Fluorene	10.50	166	787334	43.03	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	185191	46.53	ng	99
59) Diethylphthalate	10.37	149	870325	43.19	ng	97
60) 4-Chlorophenyl-phenylether	10.49	204	352614	42.91	ng	97
61) 4-Nitroaniline	10.52	138	223048	44.17	ng	91
62) Azobenzene	10.65	77	831685	44.89	ng	97
64) 4,6-Dinitro-2-methylphenol	10.55	198	107489	34.71	ng	93
65) n-Nitrosodiphenylamine	10.61	169	729257	41.36	ng	99
66) 4-Bromophenyl-phenylether	10.98	248	210414	42.23	ng	99
67) Hexachlorobenzene	11.05	284	214057	40.23	ng	95
68) Atrazine	11.14	200	233310	43.98	ng	99
69) Pentachlorophenol	11.25	266	247476	74.73	ng	99
70) Phenanthrene	11.47	178	1184323	43.47	ng	99
71) Anthracene	11.52	178	1218874	43.72	ng	100
72) Carbazole	11.67	167	1205071	44.14	ng	99
73) Di-n-butylphthalate	11.99	149	1389400	42.28	ng	100
74) Fluoranthene	12.66	202	1288762	46.71	ng	99
76) Benzidine	12.77	184	349895	21.13	ng	99
77) Pyrene	12.89	202	1346641	39.45	ng	99
79) Butylbenzylphthalate	13.50	149	668441	41.67	ng	94
80) Benzo(a)anthracene	14.07	228	1187181	43.80	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	221632	22.30	ng	96
82) Chrysene	14.12	228	1094795	42.42	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	901243	40.80	ng	99
84) Di-n-octyl phthalate	14.66	149	1537473	43.22	ng	97
85) Indeno(1,2,3-cd)pyrene	17.09	276	1041712	50.46	ng	96
87) Benzo(b)fluoranthene	15.14	252	1126124	43.58	ng	98
88) Benzo(k)fluoranthene	15.17	252	1034718	40.54	ng	99
89) Benzo(a)pyrene	15.52	252	1037564	43.74	ng	97
90) Dibenzo(a,h)anthracene	17.11	278	857019	45.15	ng	96
91) Benzo(g,h,i)perylene	17.55	276	864894	46.09	ng	95

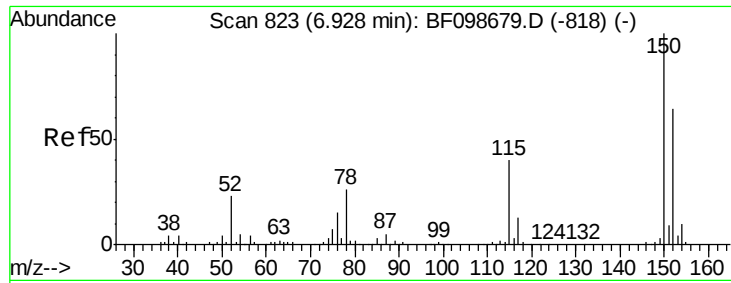
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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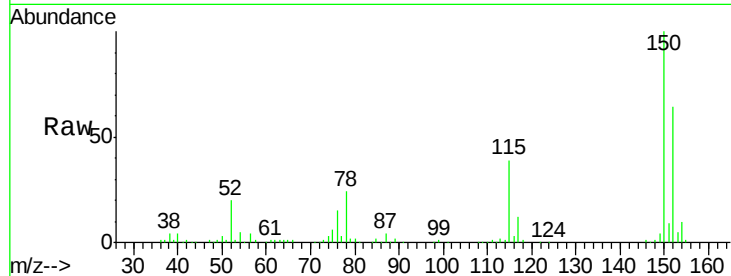


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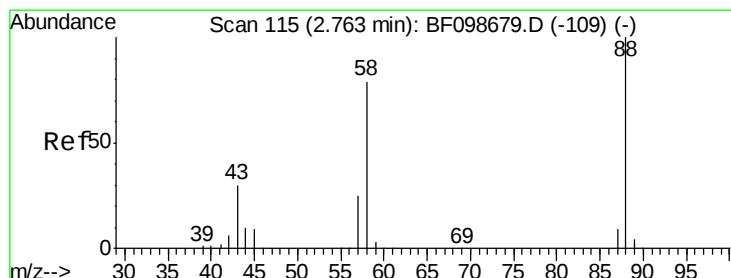
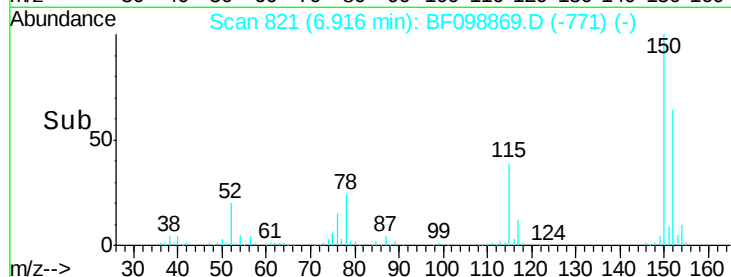
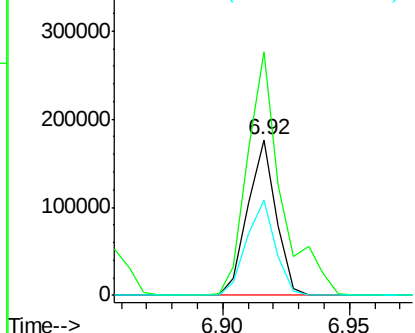
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137412
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 61.6 50.1 75.1



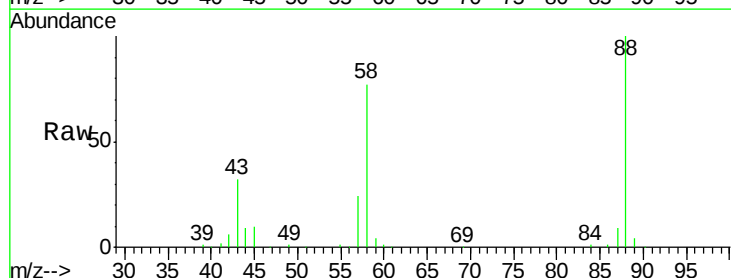
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



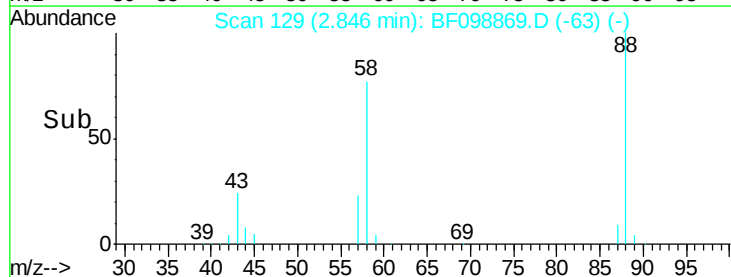
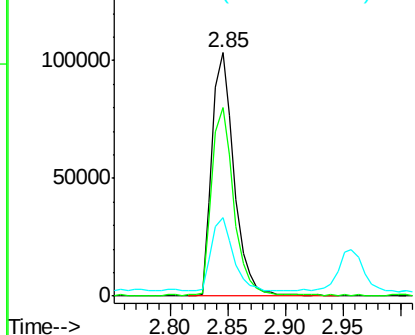
#2

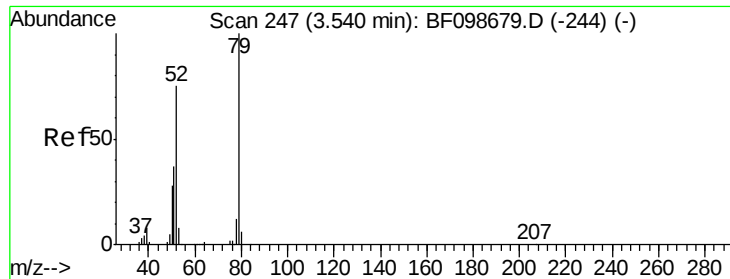
1,4-Dioxane
Concen: 33.36 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.09 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Tgt Ion: 88 Resp: 137563
Ion Ratio Lower Upper
88 100
58 77.0 62.6 93.8
43 29.2 24.6 37.0



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: 32.46 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.05 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

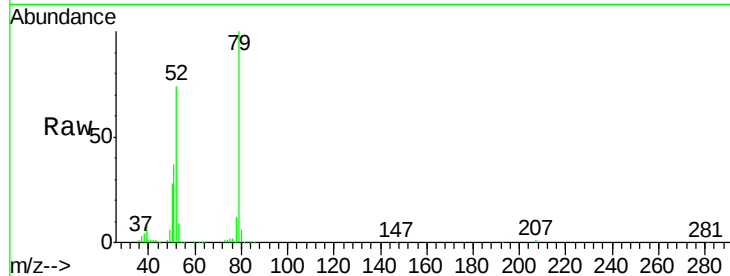
Tot Ion: 79 Resp: 362076

Ion Ratio Lower Upper

79 100

52 74.2 59.8 89.6

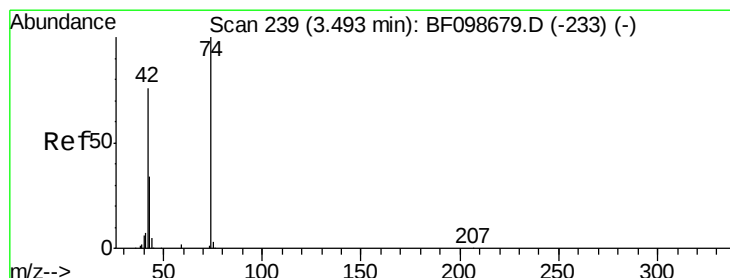
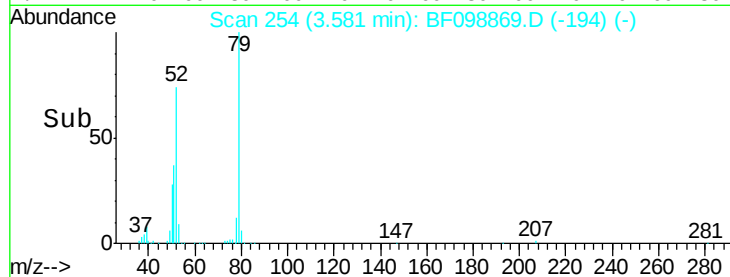
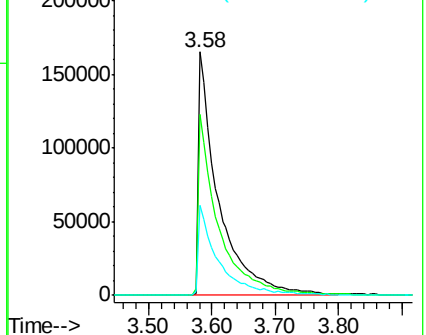
51 37.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.21 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.04 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

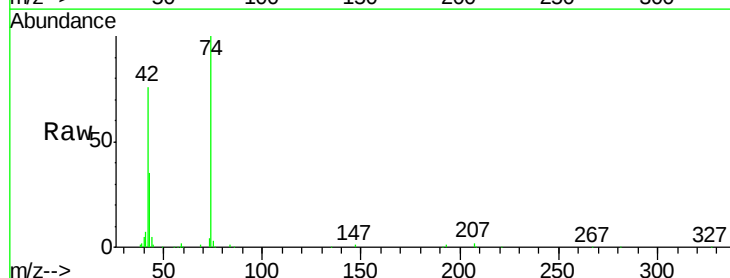
Tgt Ion: 42 Resp: 194916

Ion Ratio Lower Upper

42 100

74 131.4 104.9 157.3

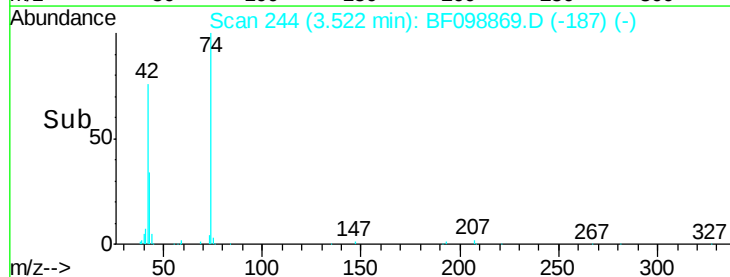
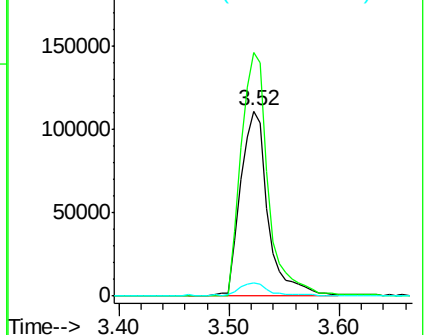
44 7.0 6.9 10.3

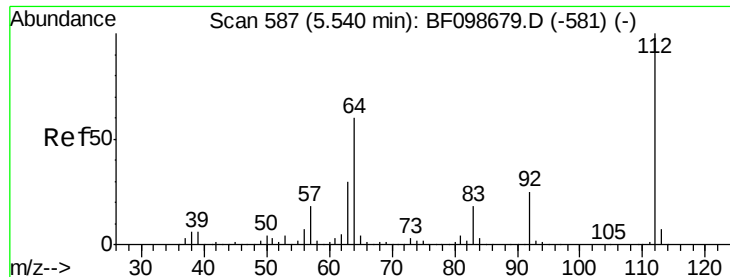


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 110.16 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

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ClientSampleId :

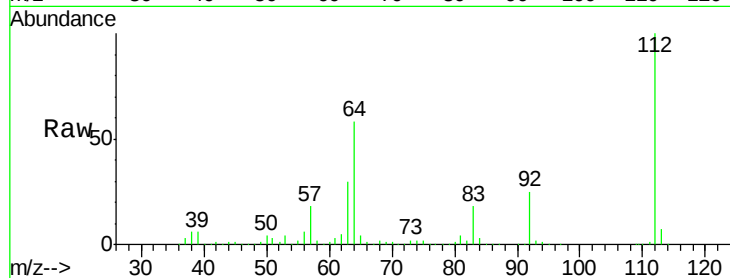
Tot Ion:112 Resp: 950906

Ion Ratio Lower Upper

112 100

64 58.3 47.9 71.9

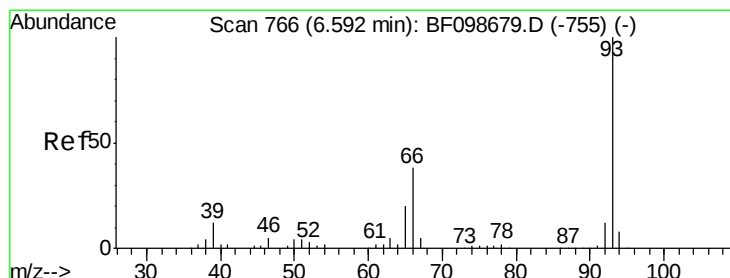
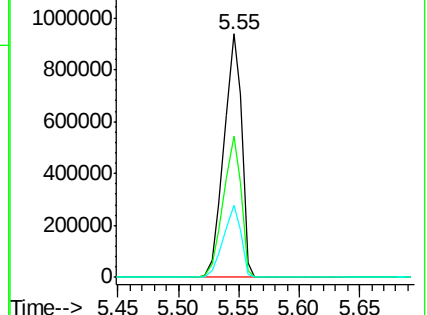
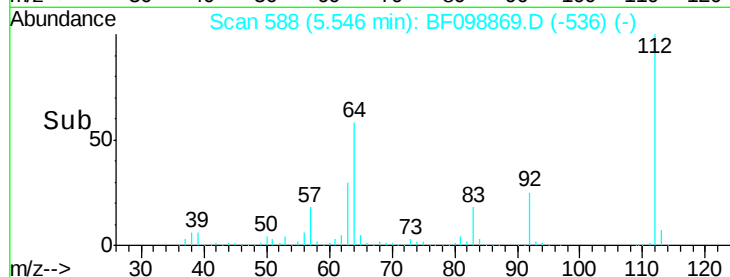
63 29.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.65 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

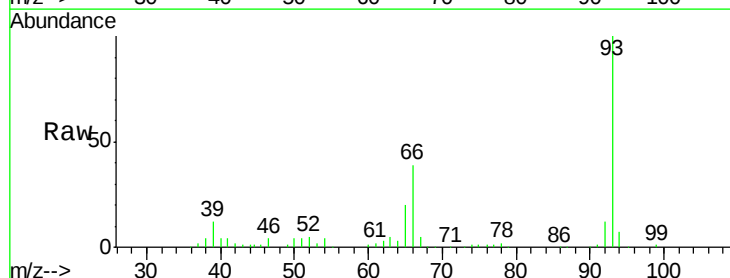
Tgt Ion: 93 Resp: 224869

Ion Ratio Lower Upper

93 100

66 38.7 32.2 48.2

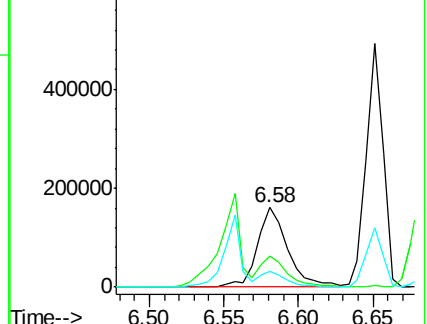
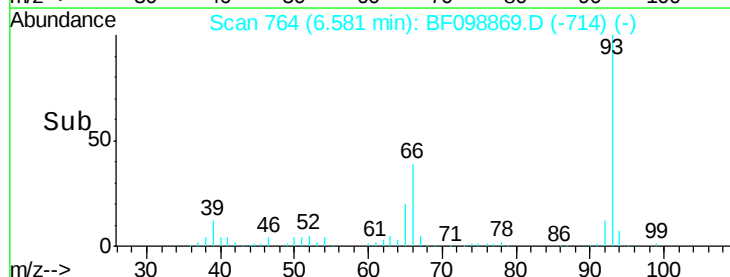
65 19.6 16.4 24.6

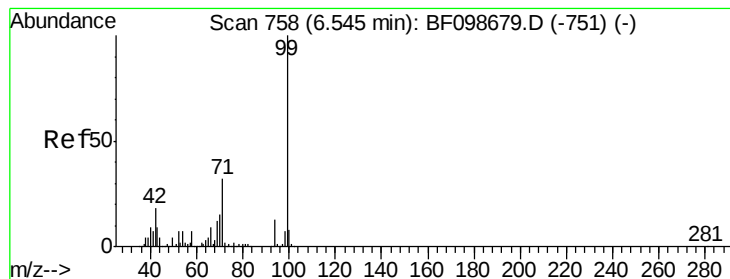


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 99.51 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

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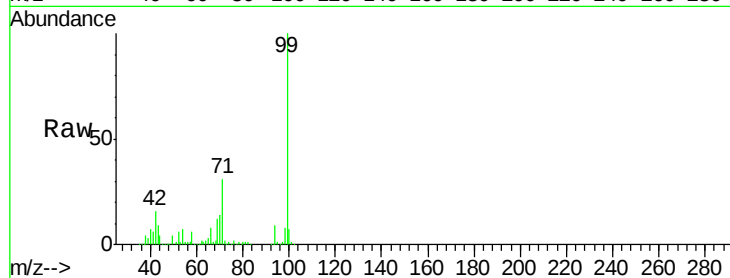
Tot Ion: 99 Resp: 1059592

Ion Ratio Lower Upper

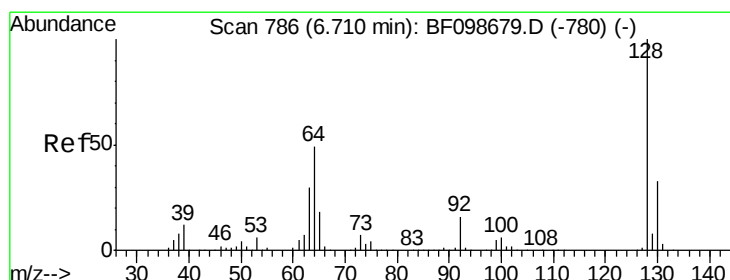
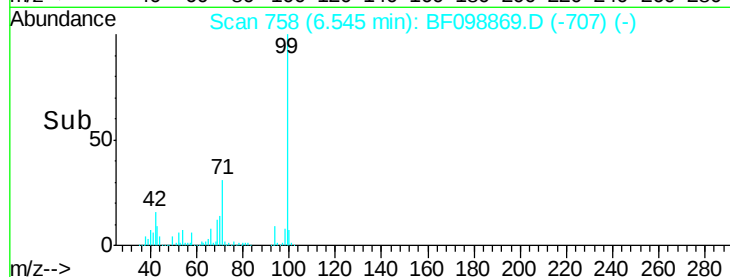
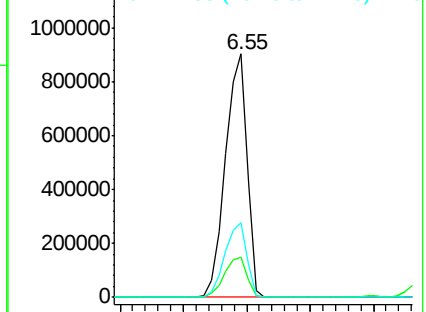
99 100

42 16.2 14.5 21.7

71 30.8 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.10 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

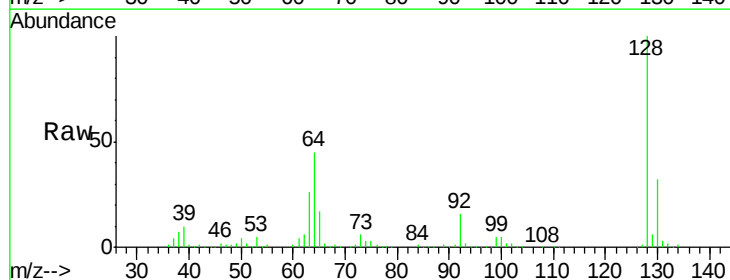
Tgt Ion: 128 Resp: 382220

Ion Ratio Lower Upper

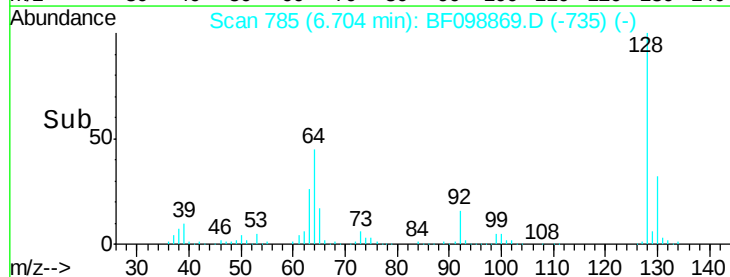
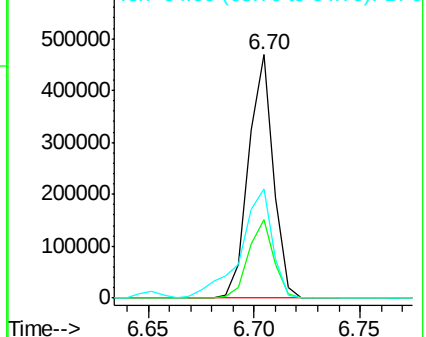
128 100

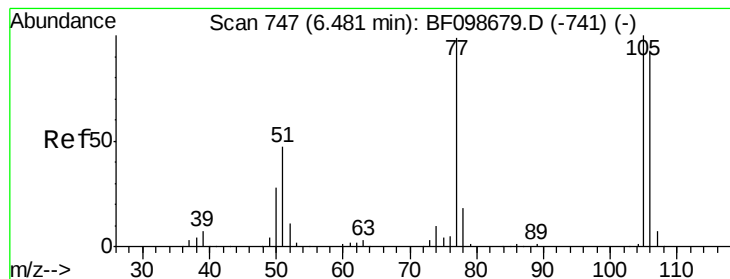
130 32.2 13.0 53.0

64 44.6 29.4 69.4



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





#9

Benzaldehyde

Concen: 11.92 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

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ClientSampled :

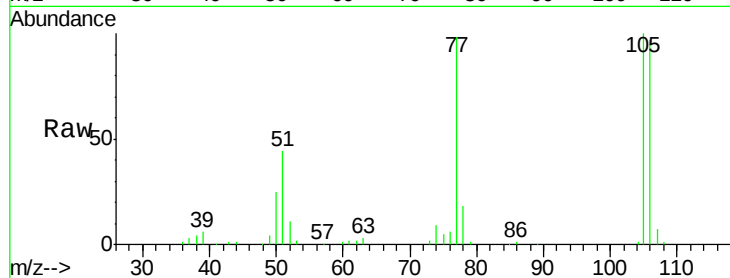
Tot Ion: 77 Resp: 73614

Ion Ratio Lower Upper

77 100

105 101.6 81.1 121.1

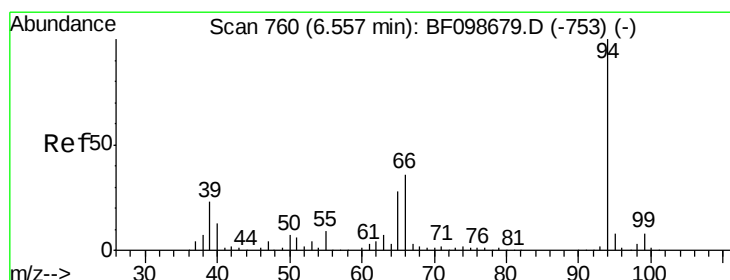
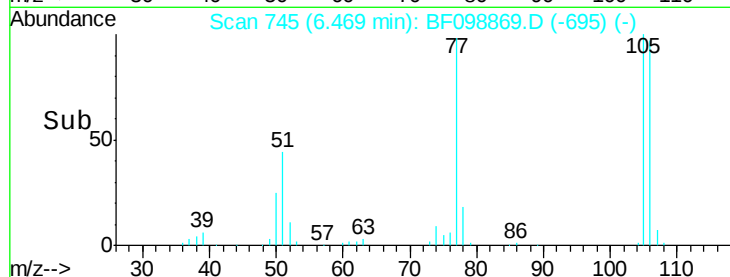
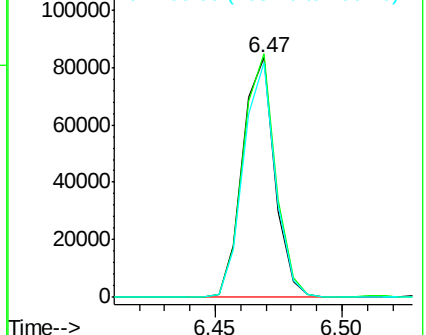
106 98.1 74.5 114.5



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: 33.33 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

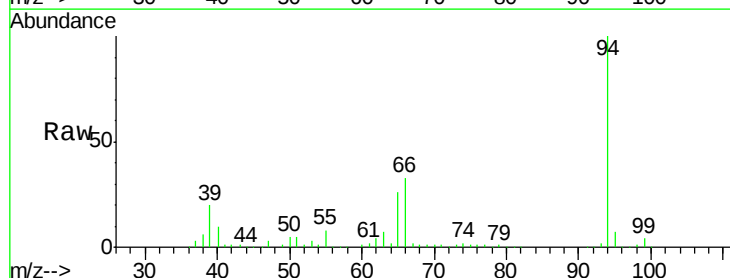
Tgt Ion: 94 Resp: 396894

Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

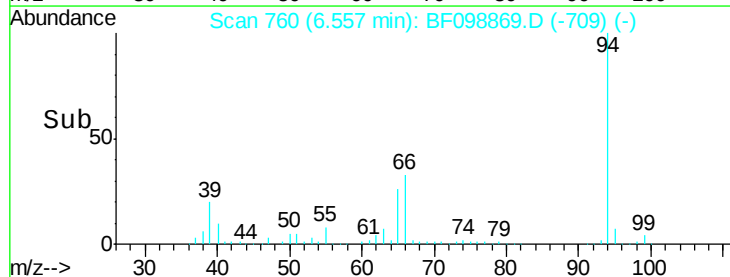
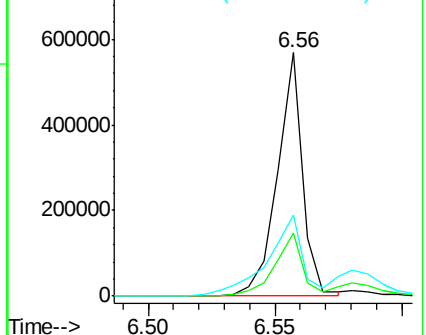
66 33.3 16.2 56.2

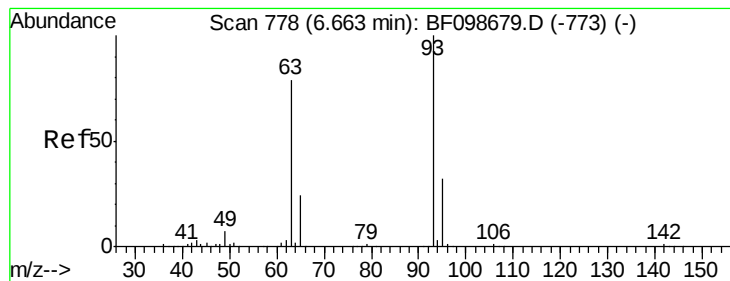


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

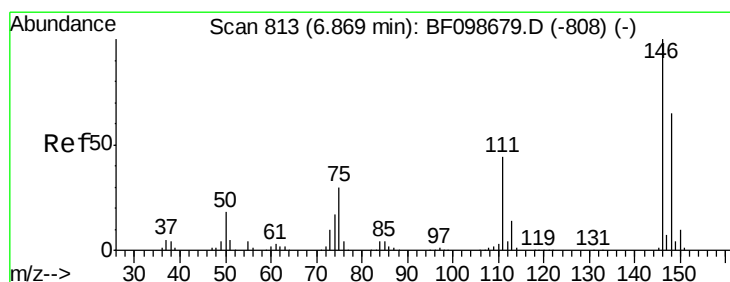
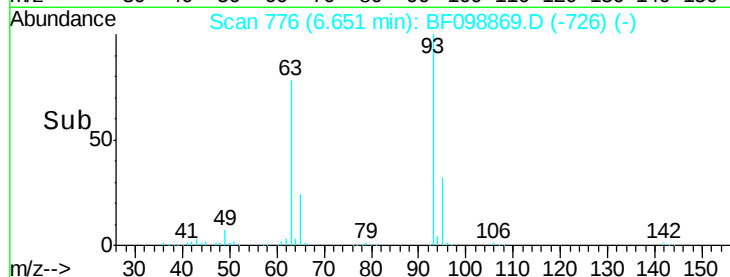
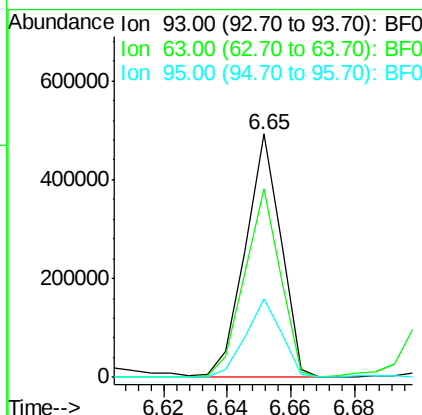
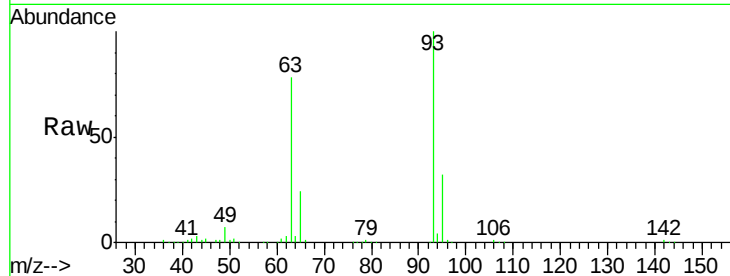




#11
 bis(2-Chloroethyl)ether
 Concen: 41.44 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

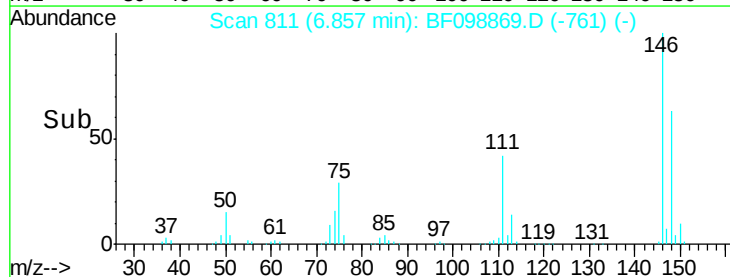
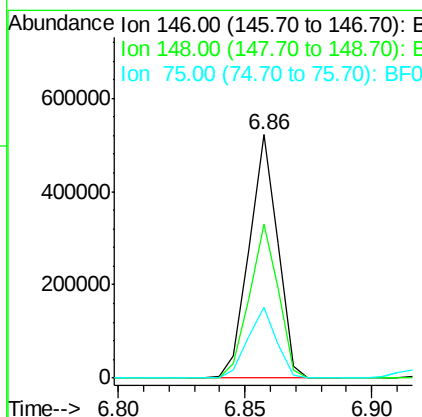
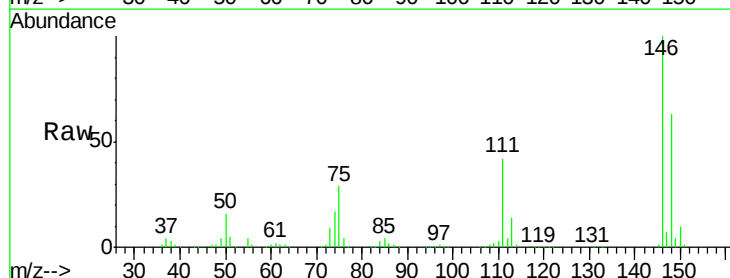
Instrument :
 BNA_F
 ClientSampleId :

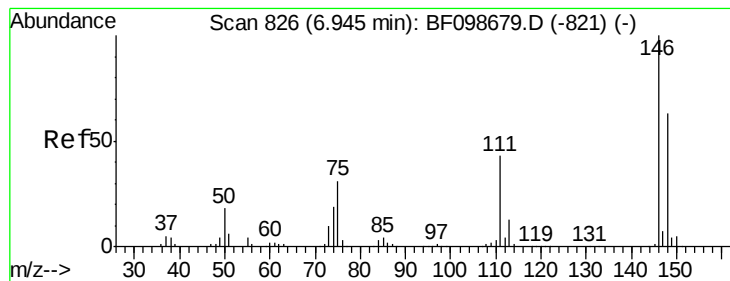
Tot Ion: 93 Resp: 383641
 Ion Ratio Lower Upper
 93 100
 63 77.6 58.6 98.6
 95 32.5 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 39.94 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Tgt Ion: 146 Resp: 408919
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.8
 75 29.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.72 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

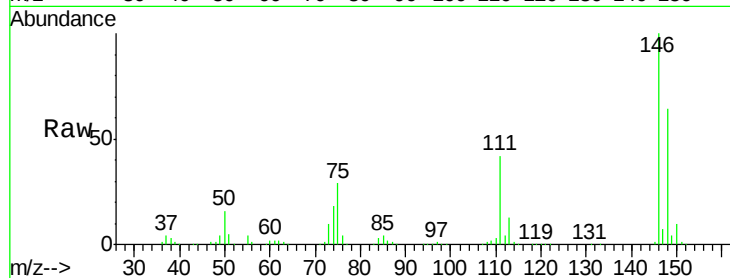
Tot Ion:146 Resp: 413767

Ion Ratio Lower Upper

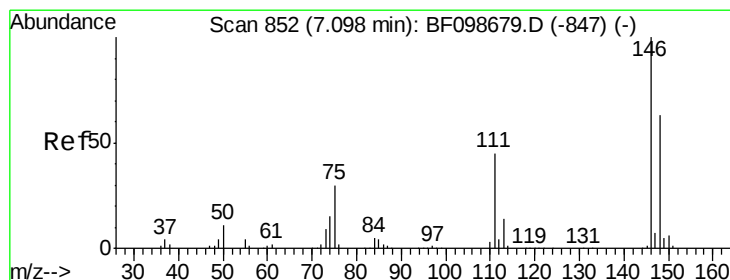
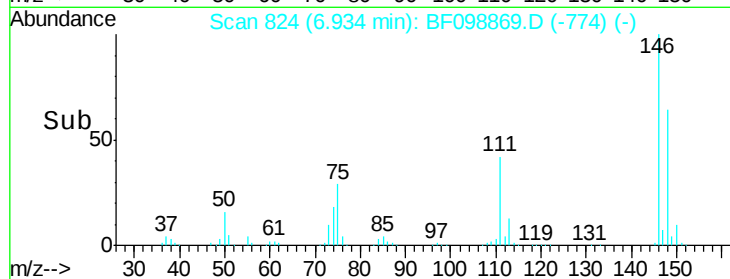
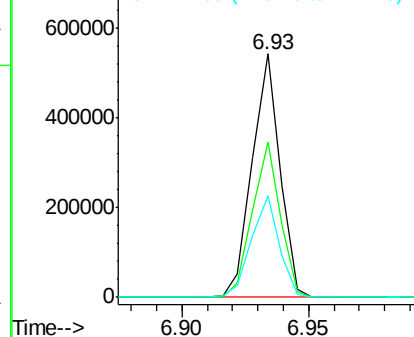
146 100

148 63.8 50.8 76.2

111 41.9 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 40.76 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

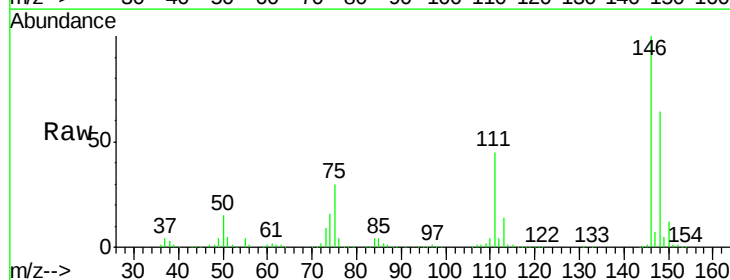
Tgt Ion:146 Resp: 392306

Ion Ratio Lower Upper

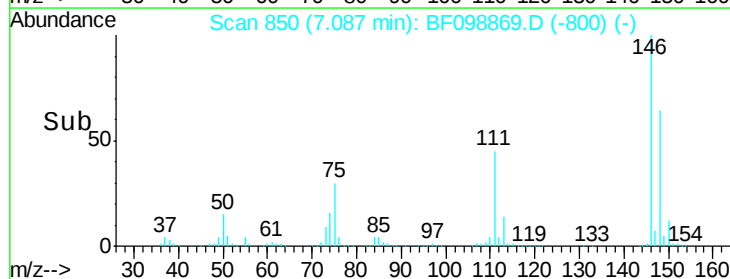
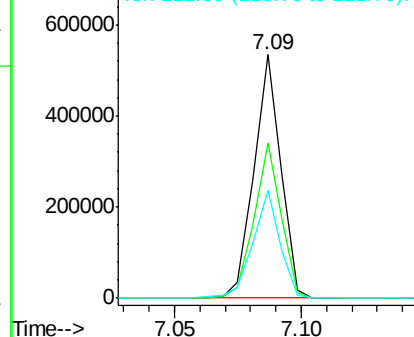
146 100

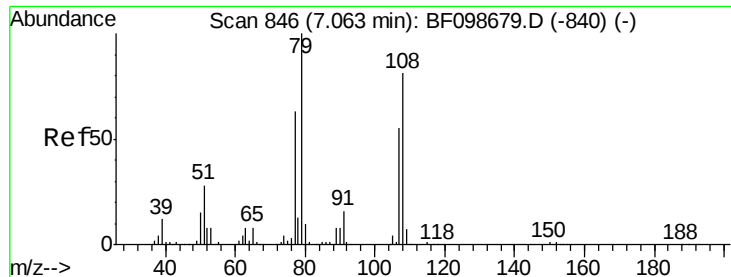
148 63.6 50.6 75.8

111 44.5 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 43.69 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampled :

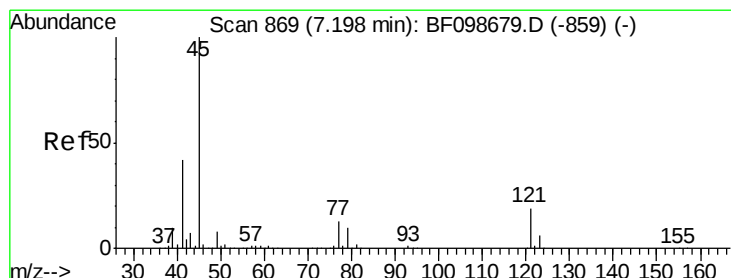
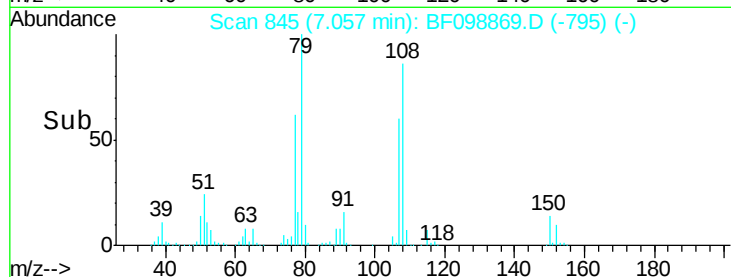
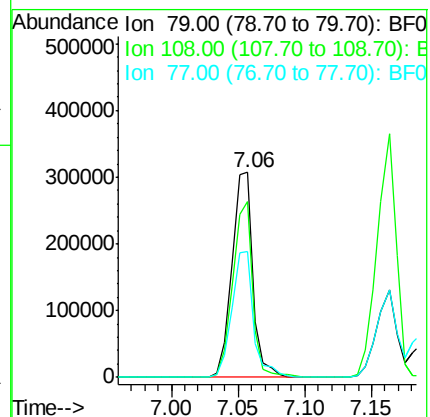
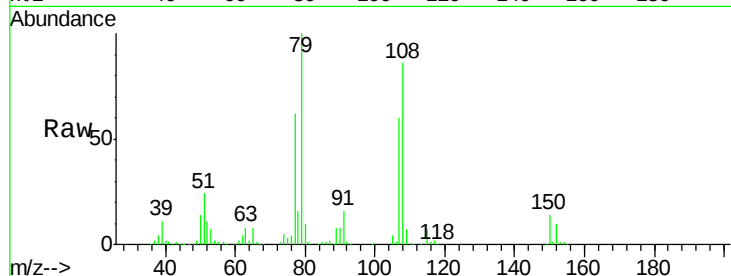
Tot Ion: 79 Resp: 341299

Ion Ratio Lower Upper

79 100

108 86.0 65.1 97.7

77 61.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.97 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

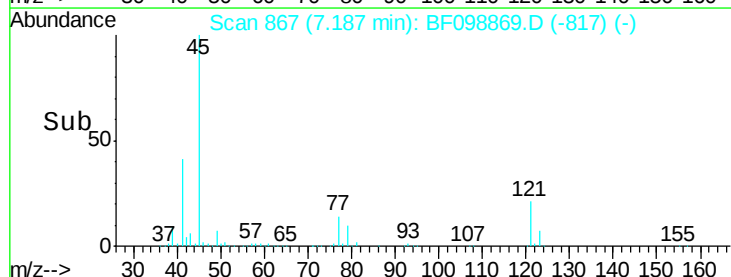
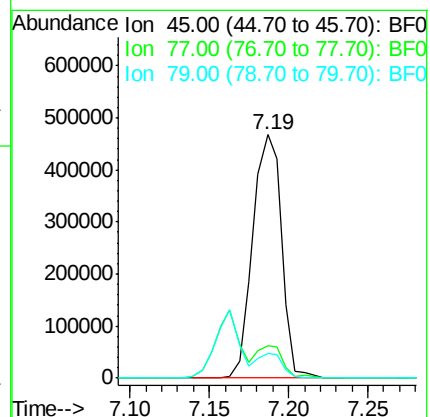
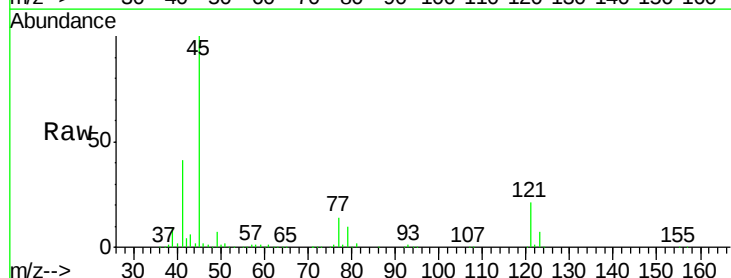
Tgt Ion: 45 Resp: 591032

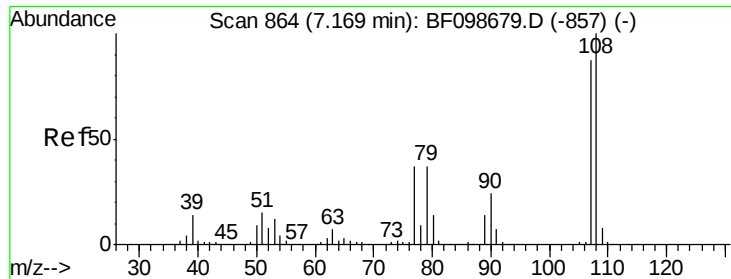
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 10.2 0.0 29.6

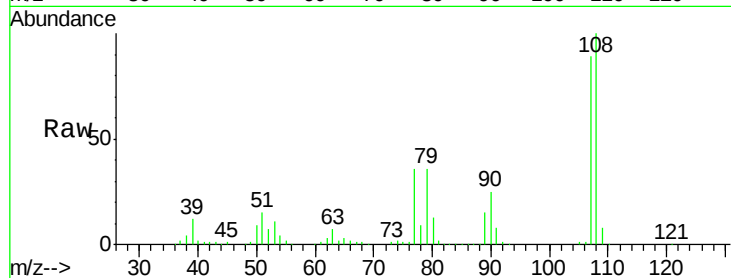




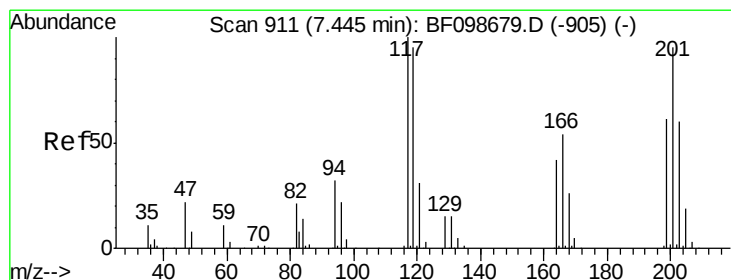
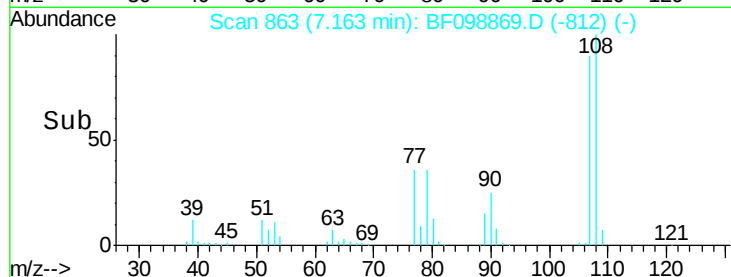
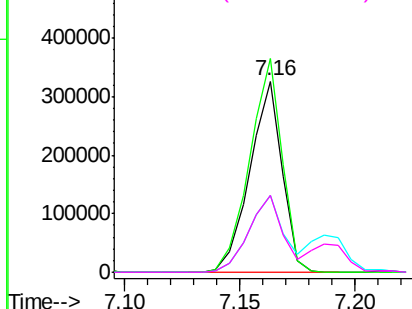
#17
2-Methylphenol
Concen: 39.80 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 318349
Ion Ratio Lower Upper
107 100
108 111.8 91.7 137.5
77 40.2 33.8 50.8
79 40.1 33.8 50.8

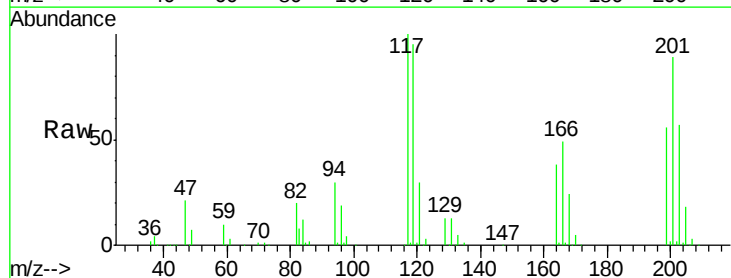


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

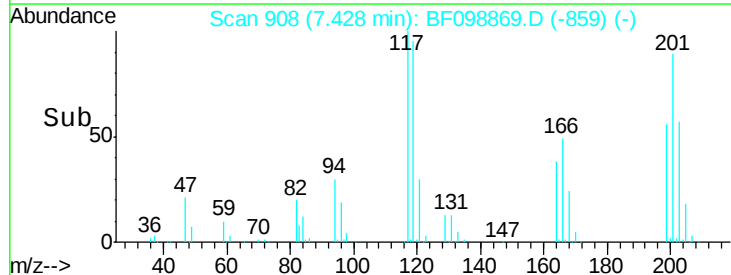
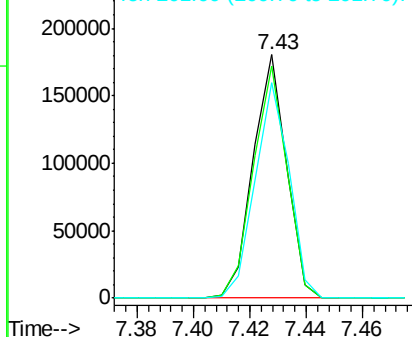


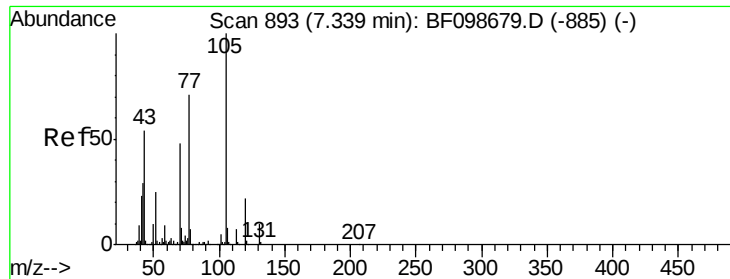
#18
Hexachloroethane
Concen: 39.52 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Tgt Ion:117 Resp: 147955
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
201 88.5 75.7 113.5



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

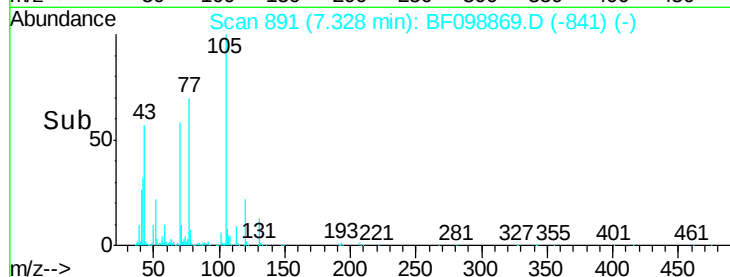
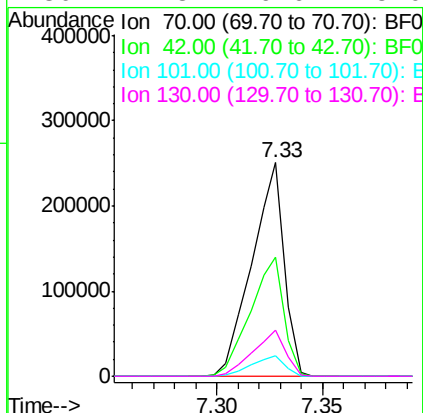
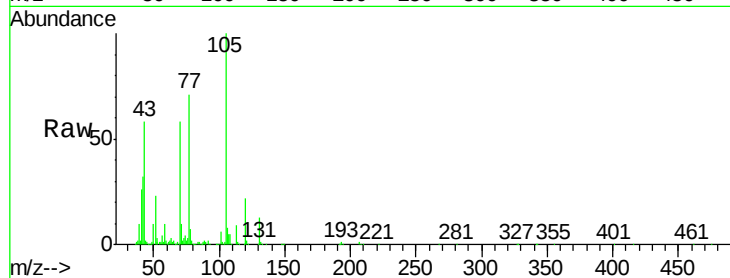




#19
n-Nitroso-di-n-propylamine
Concen: 39.11 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

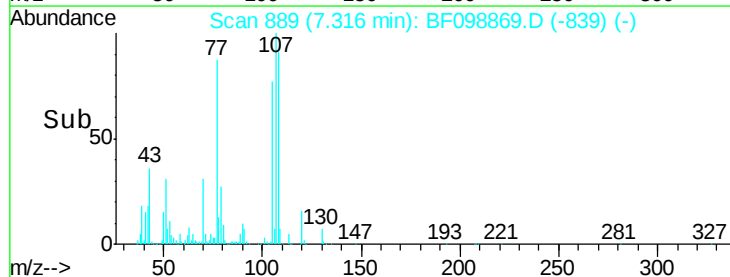
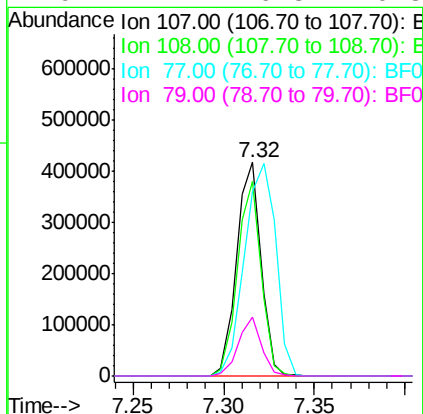
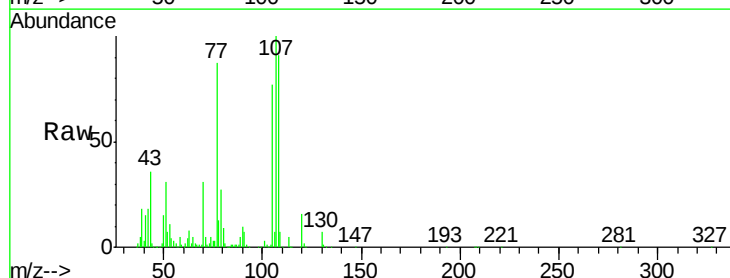
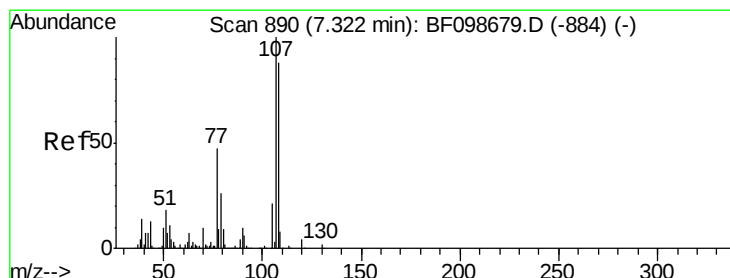
Instrument :
BNA_F
ClientSampleId :

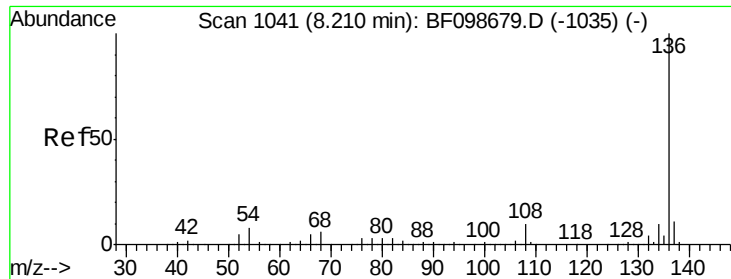
Tot Ion:	70	Resp:	265863
Ion	Ratio	Lower	Upper
70	100		
42	55.7	47.5	71.3
101	9.5	7.4	11.2
130	21.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.66 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Tgt Ion:	107	Resp:	391188
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.2	108.2
77	86.6	26.7	66.7
79	27.4	6.3	46.3

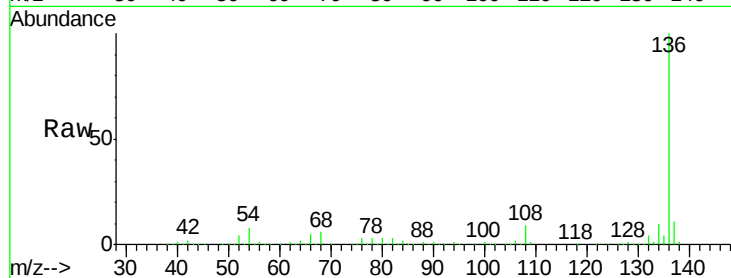




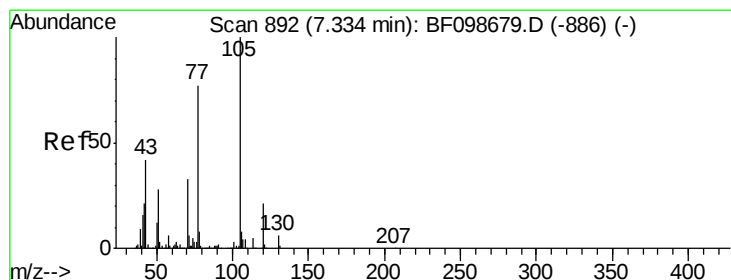
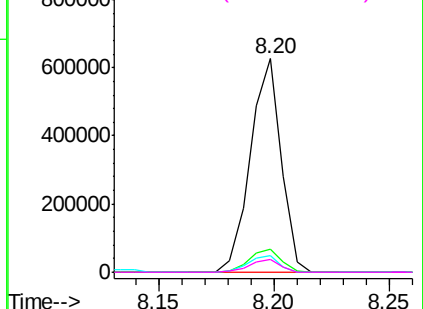
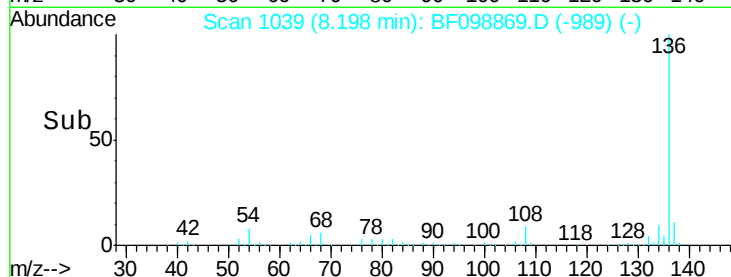
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	582689
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.8	6.6 9.8
68	6.0	5.0 7.4

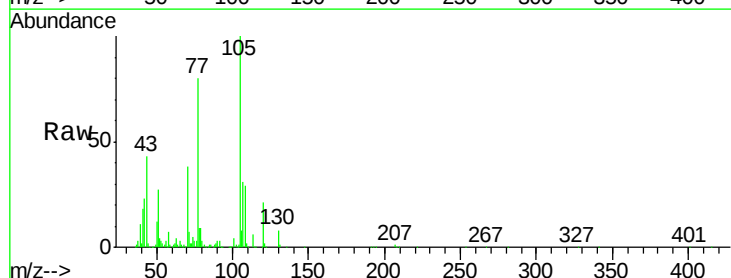


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

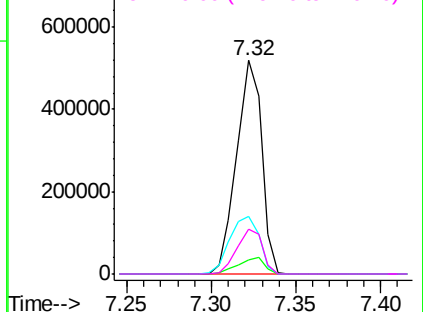
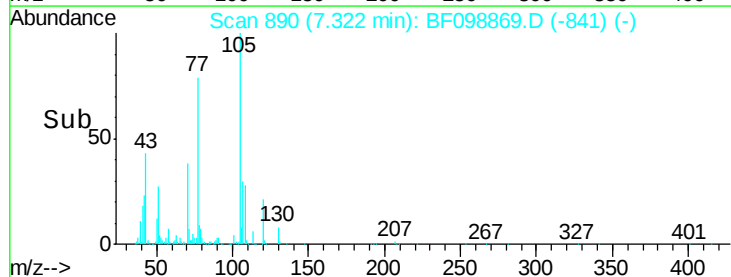


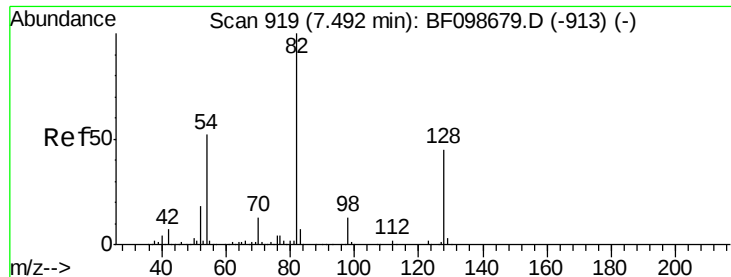
#22
Acetophenone
Concen: 38.30 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Tgt Ion:105	Resp:	540734
Ion Ratio	Lower	Upper
105	100	
71	6.6	4.4 6.6#
51	27.2	22.3 33.5
120	21.3	16.9 25.3



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

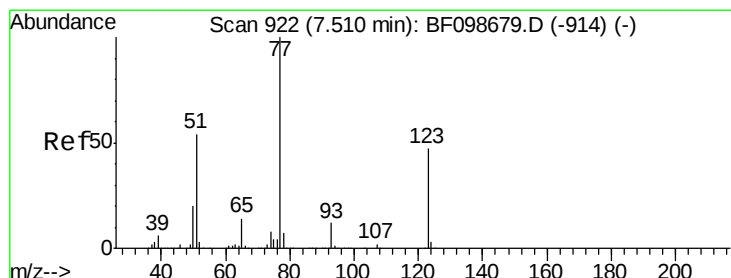
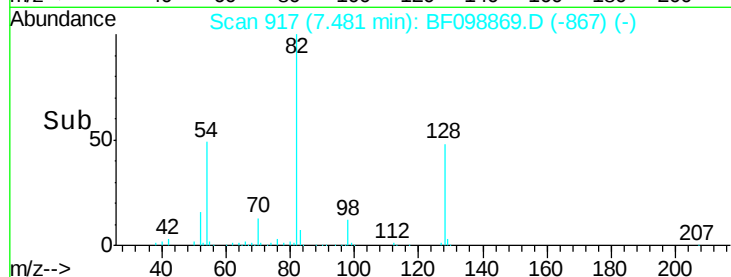
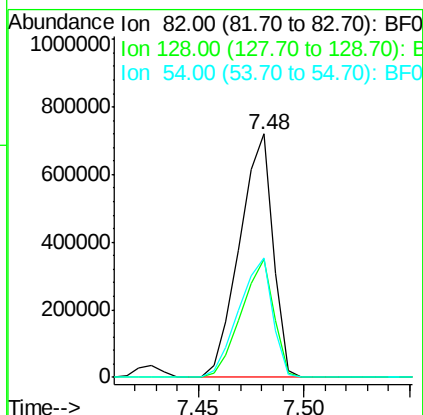
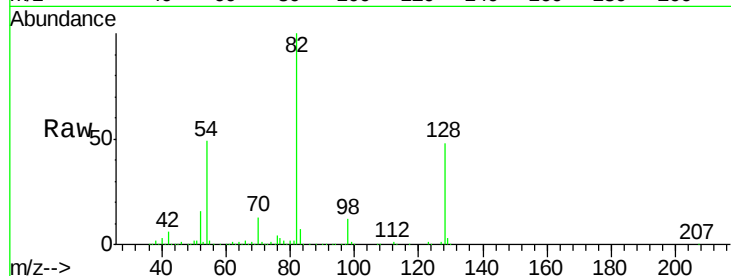




#23
 Nitrobenzene-d5
 Concen: 87.00 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

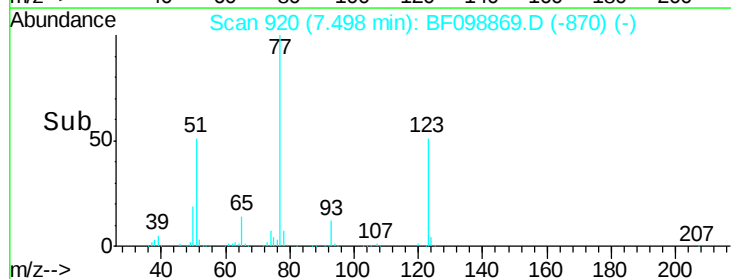
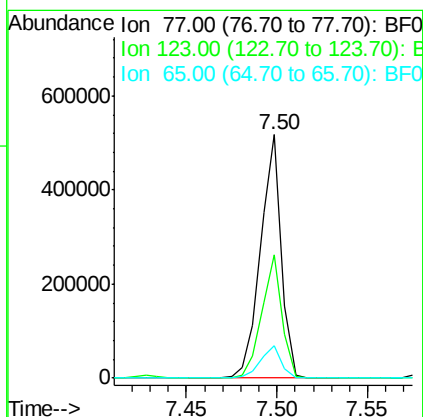
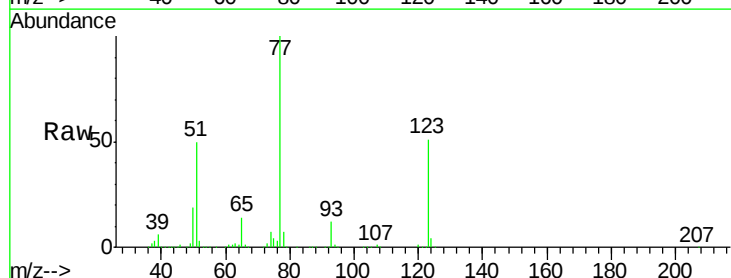
Instrument :
 BNA_F
 ClientSampled :

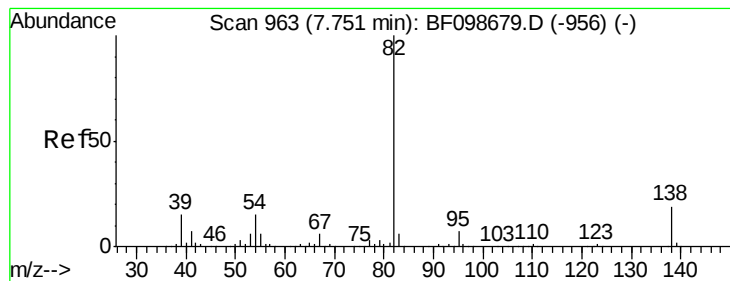
Tot Ion	82	Resp	790518
Ion Ratio	100	Lower	Upper
128	48.5	36.1	54.1
54	49.3	41.4	62.2



#24
 Nitrobenzene
 Concen: 40.06 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Tgt Ion	77	Resp	412937
Ion Ratio	100	Lower	Upper
123	50.9	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 40.28 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

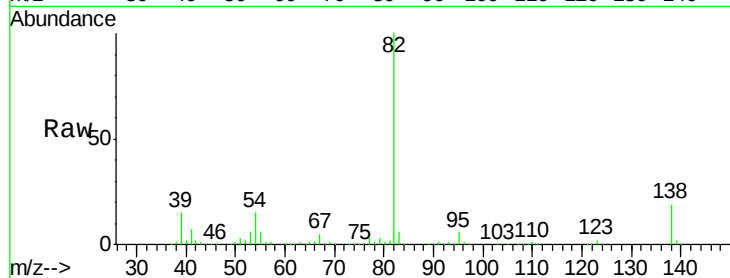
Tot Ion: 82 Resp: 756589

Ion Ratio Lower Upper

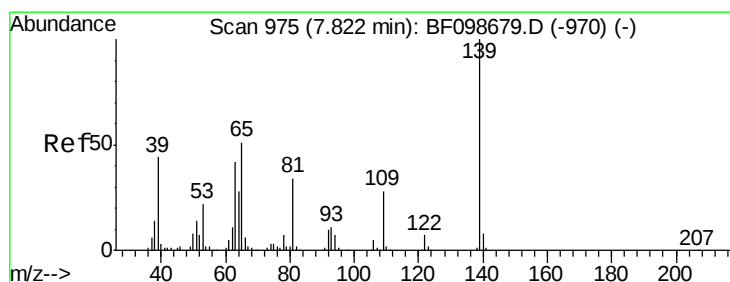
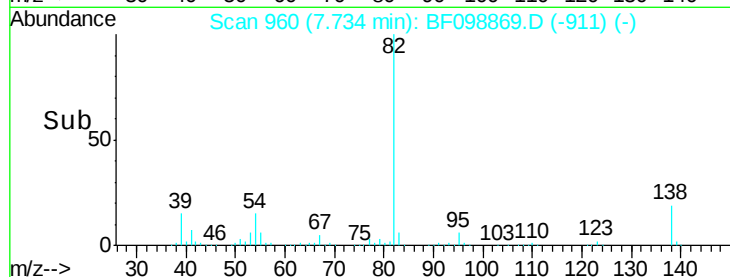
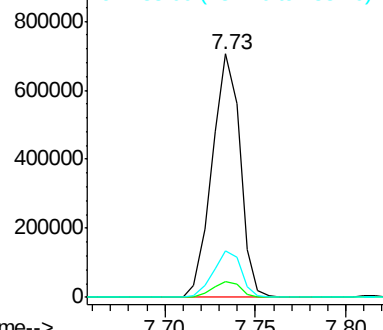
82 100

95 6.4 5.2 7.8

138 19.0 14.9 22.3



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: 43.08 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

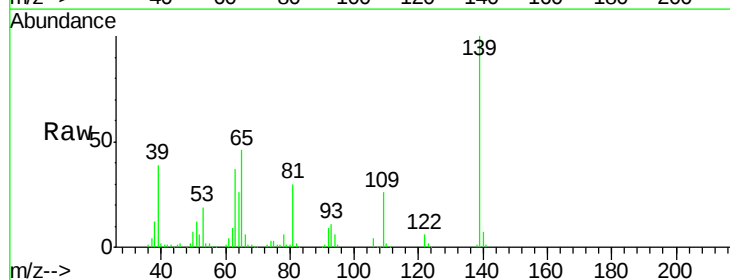
Tgt Ion: 139 Resp: 213522

Ion Ratio Lower Upper

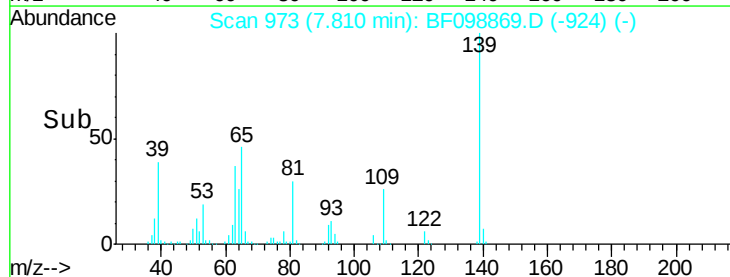
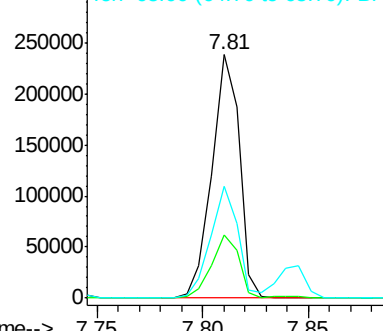
139 100

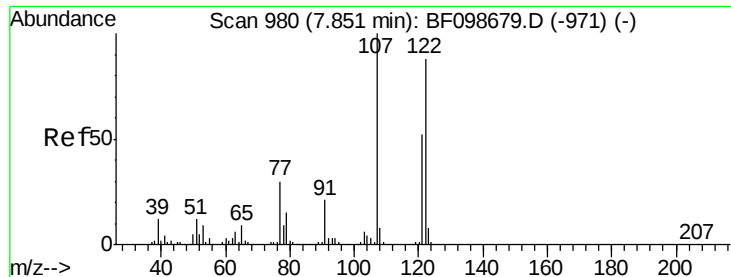
109 25.9 22.7 34.1

65 45.7 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 38.60 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

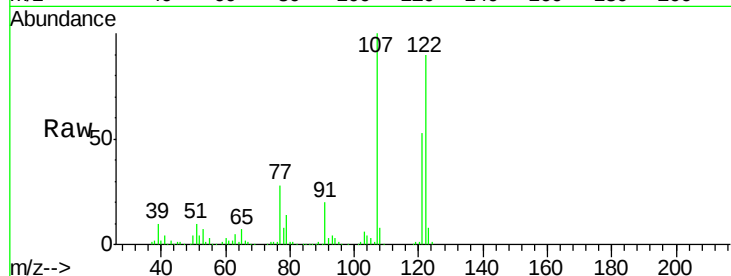
Tot Ion:122 Resp: 361307

Ion Ratio Lower Upper

122 100

107 110.6 91.2 136.8

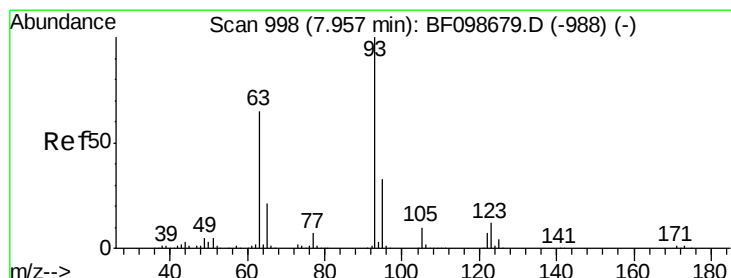
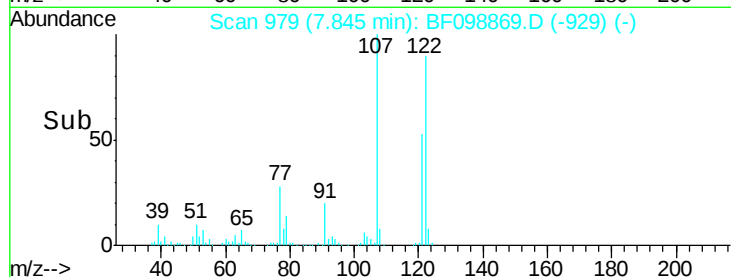
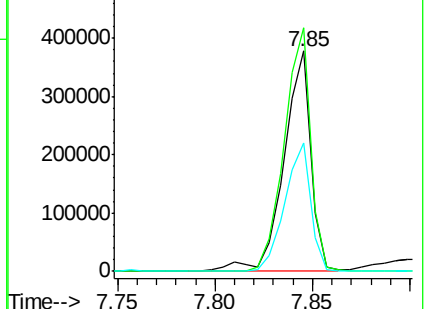
121 58.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.03 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

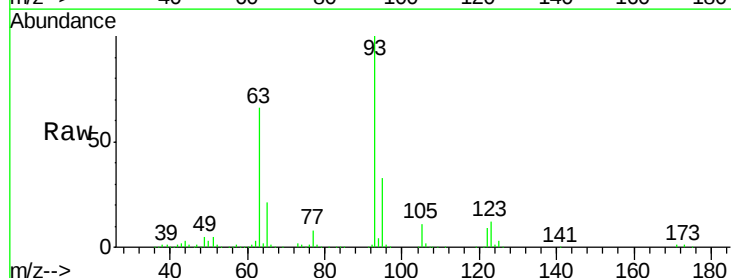
Tgt Ion: 93 Resp: 492079

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

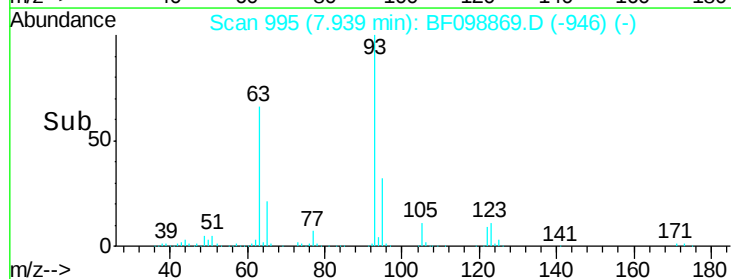
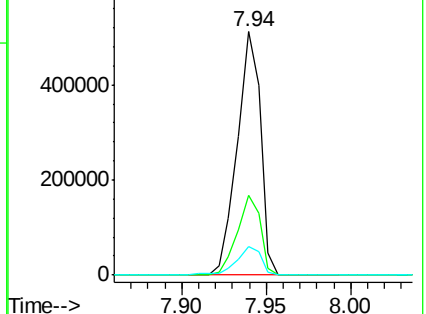
123 11.6 9.8 14.6

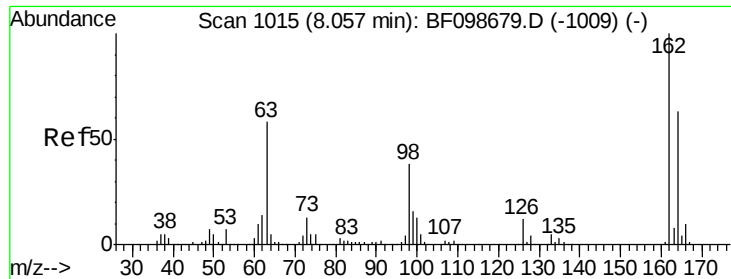


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

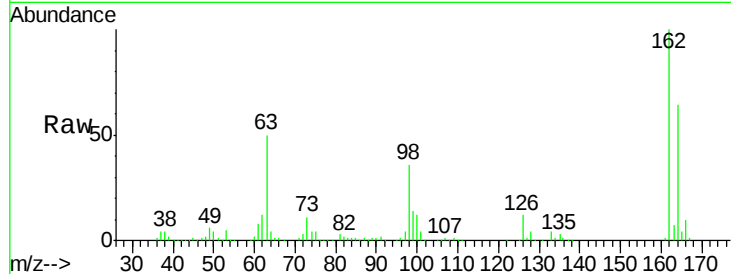




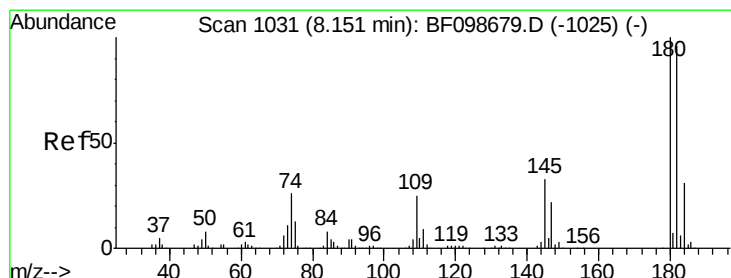
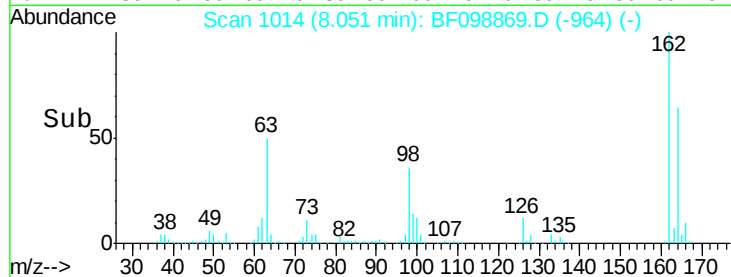
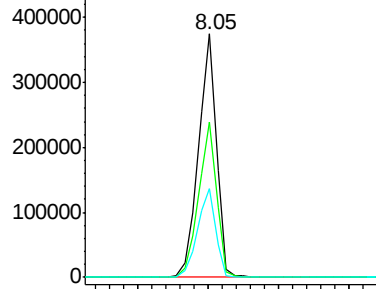
#29
 2,4-Dichlorophenol
 Concen: 41.29 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	36.2	18.1	58.1

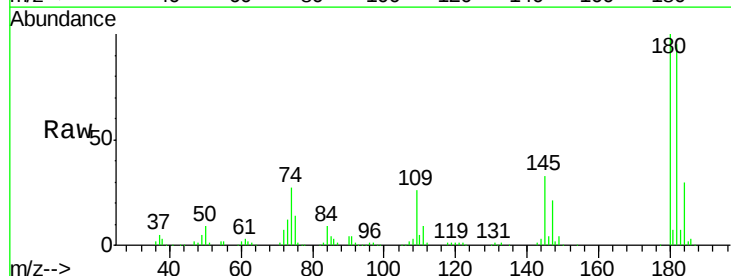


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

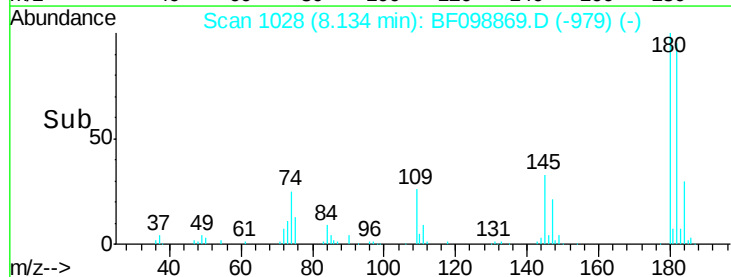
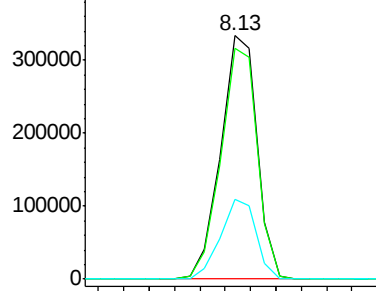


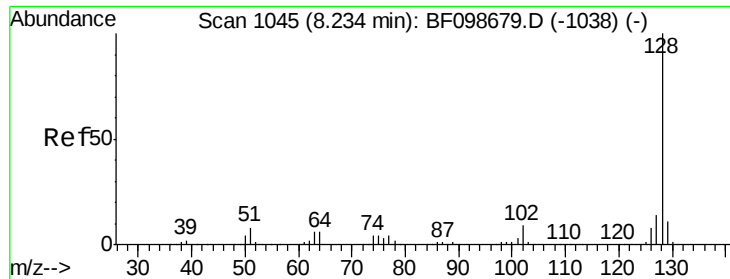
#30
 1,2,4-Trichlorobenzene
 Concen: 41.29 ng
 RT: 8.13 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.8	115.2
145	32.6	26.5	39.7



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

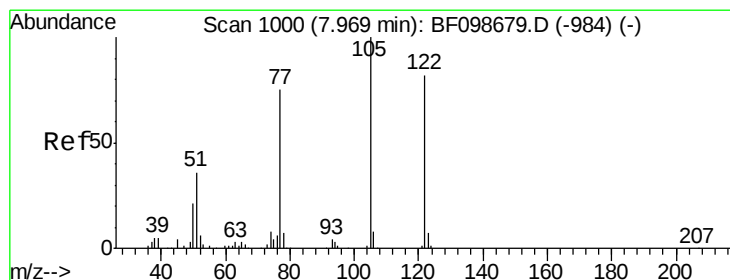
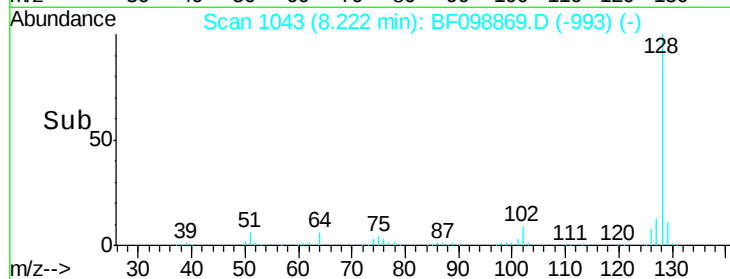
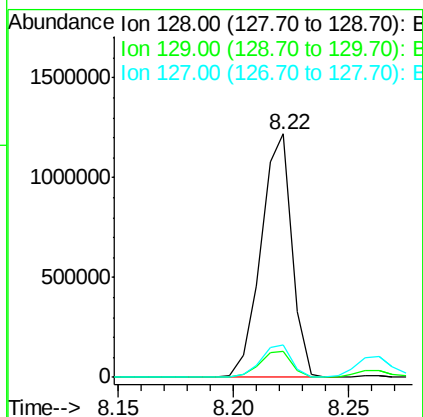
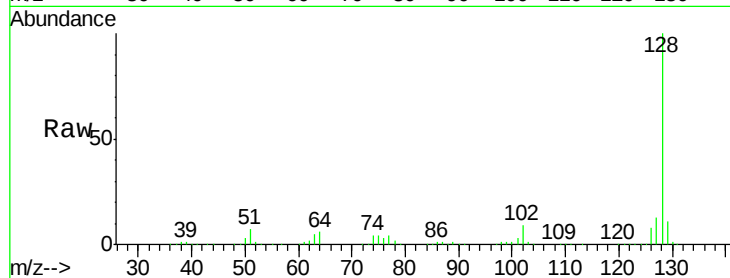




#31
Naphthalene
Concen: 41.48 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

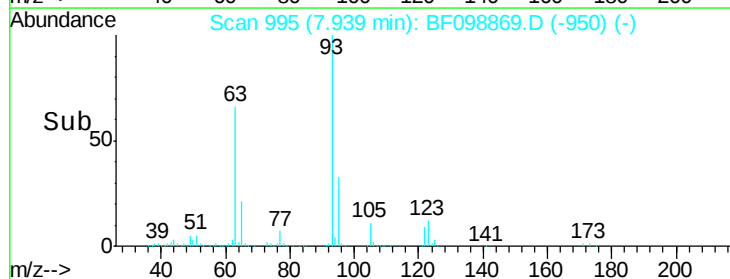
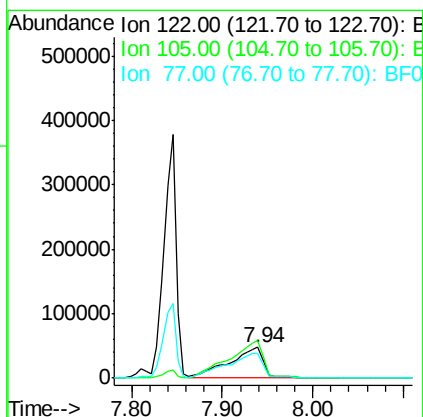
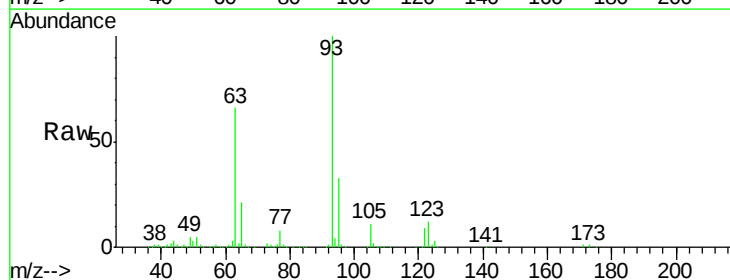
Instrument :
BNA_F
ClientSampleId :

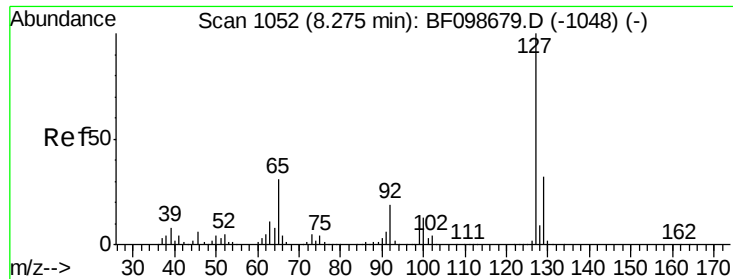
Tot Ion:128 Resp: 1135071
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 16.18 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.04 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Tgt Ion:122 Resp: 124410
Ion Ratio Lower Upper
122 100
105 122.1 101.1 141.1
77 81.9 70.7 110.7

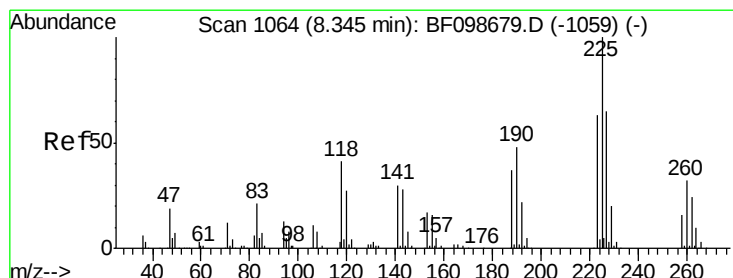
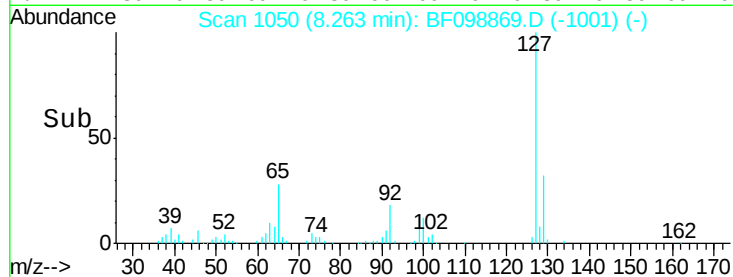
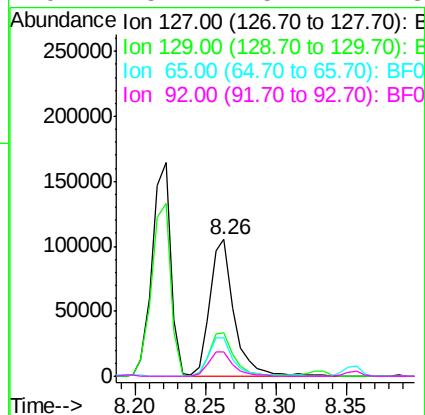
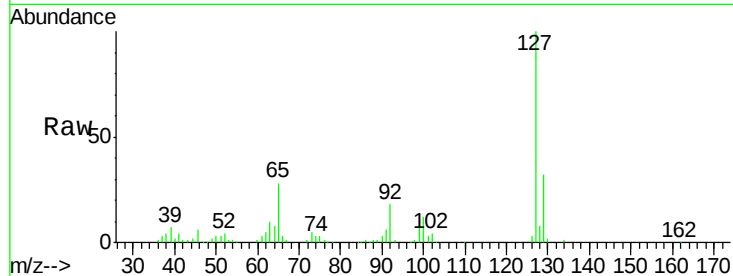




#33
4-Chloroaniline
Concen: 10.94 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

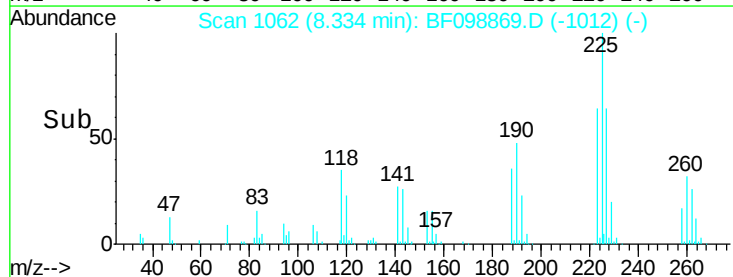
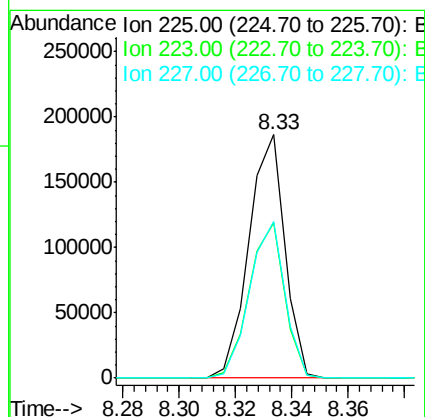
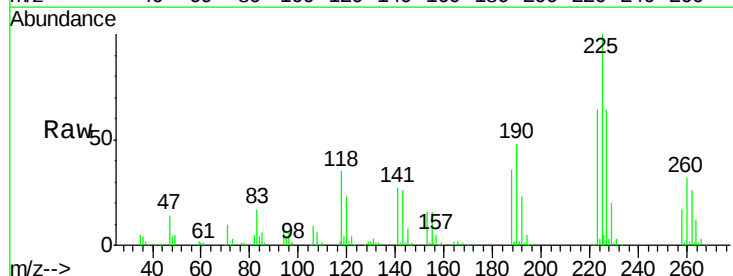
Instrument :
BNA_F
ClientSampled :

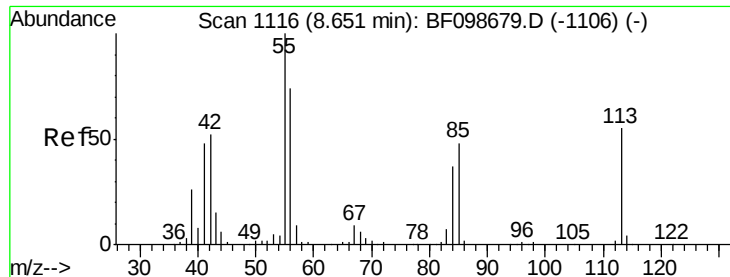
Tot Ion:	127	Resp:	125074
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	28.5	25.0	37.4
92	18.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.81 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Tgt Ion:	225	Resp:	164805
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.2	51.9	77.9





#35

Caprolactam

Concen: 22.31 ng

RT: 8.63 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampled :

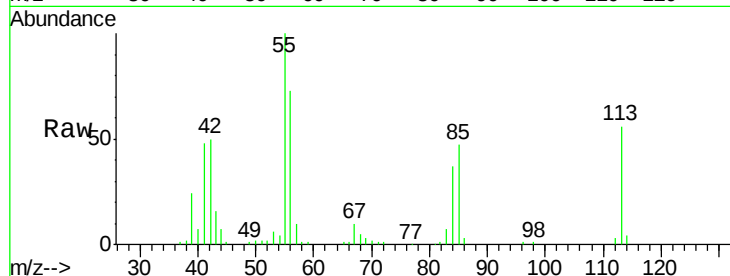
Tot Ion:113 Resp: 57511

Ion Ratio Lower Upper

113 100

55 179.2 163.3 203.3

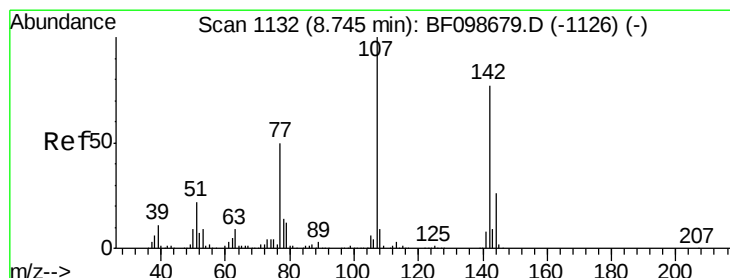
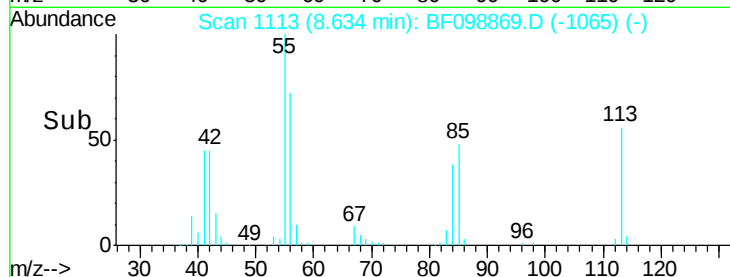
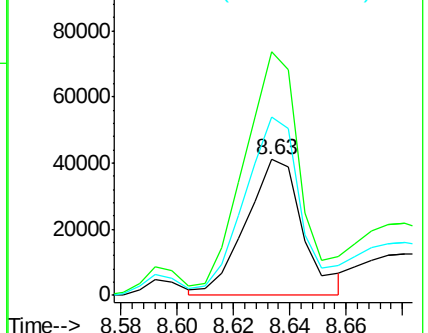
56 131.3 115.7 155.7



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: 39.93 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

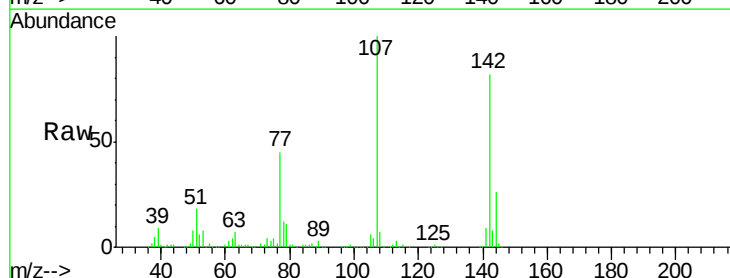
Tgt Ion:107 Resp: 360710

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

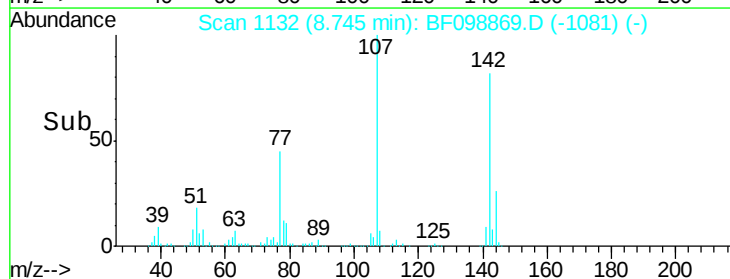
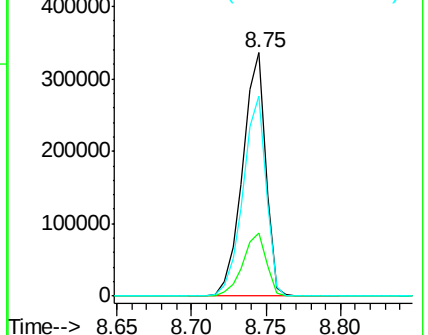
142 81.9 62.0 93.0

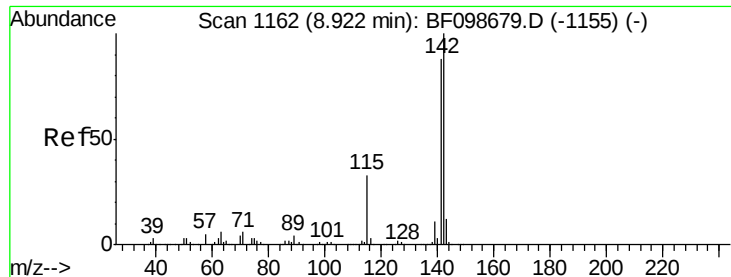


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.33 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

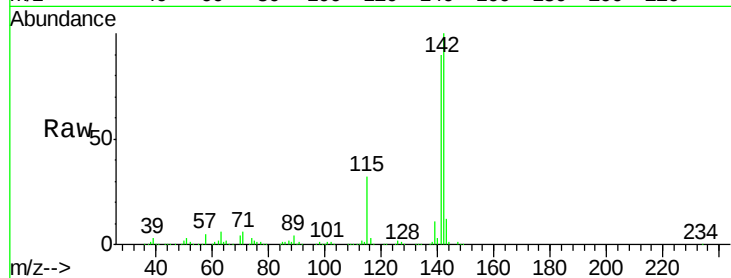
Tot Ion:142 Resp: 806449

Ion Ratio Lower Upper

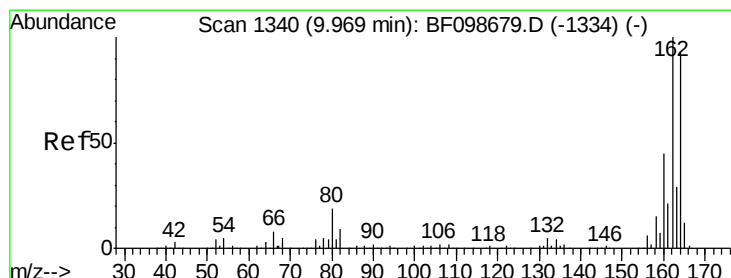
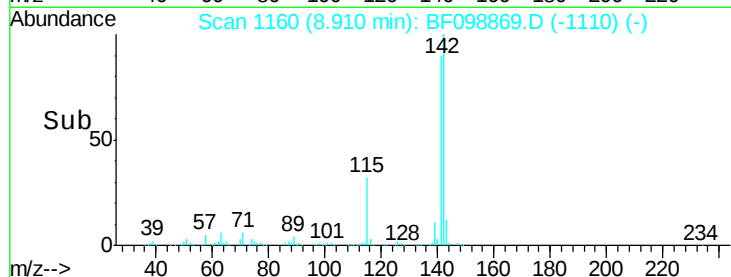
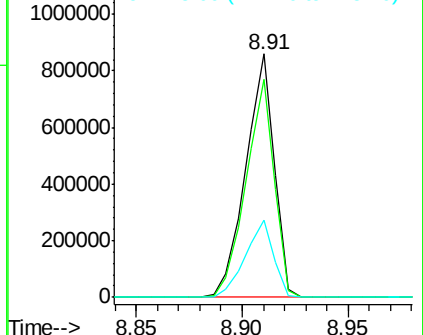
142 100

141 89.6 70.8 106.2

115 31.9 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

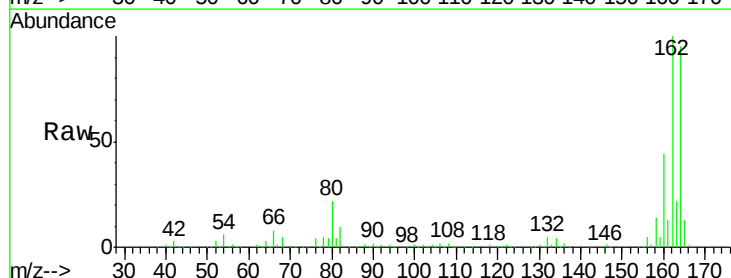
Tgt Ion:164 Resp: 273212

Ion Ratio Lower Upper

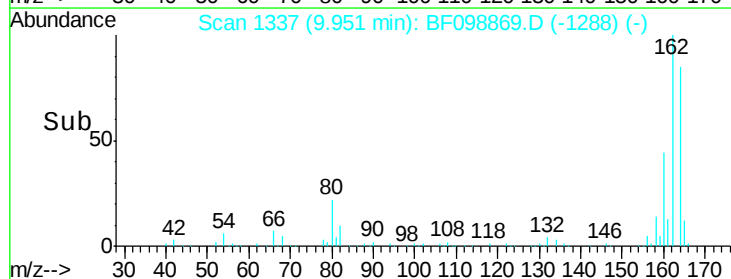
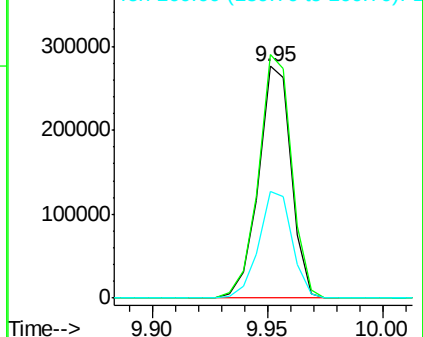
164 100

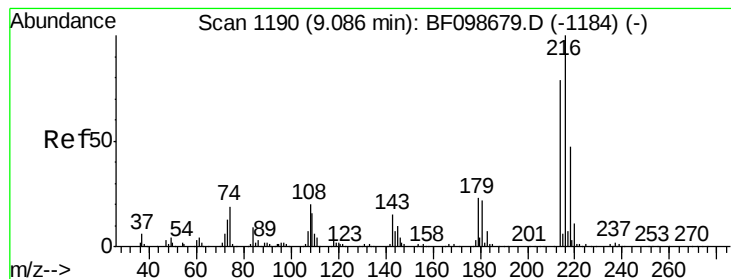
162 105.1 86.1 129.1

160 45.8 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.39 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 304636

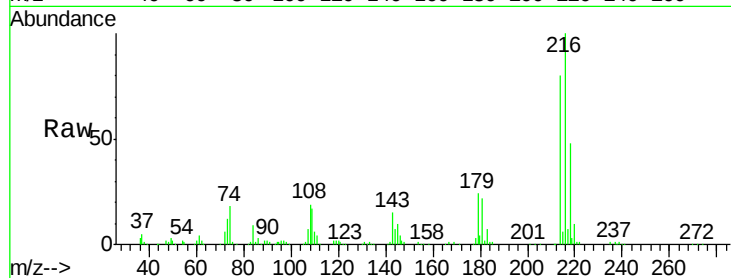
Ion Ratio Lower Upper

216 100

214 78.2 63.0 94.4

179 22.6 18.1 27.1

108 22.1 17.2 25.8

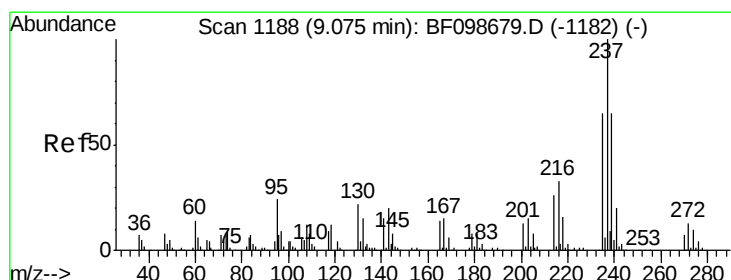
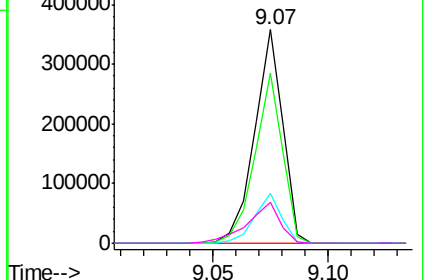
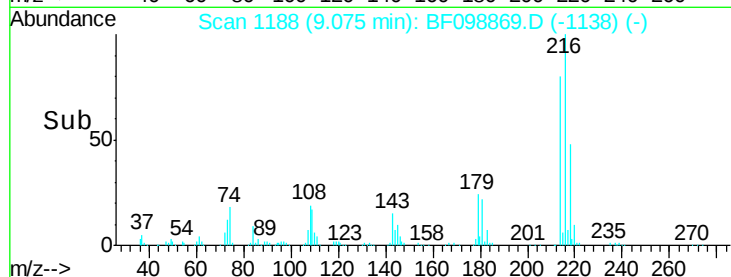


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.77 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

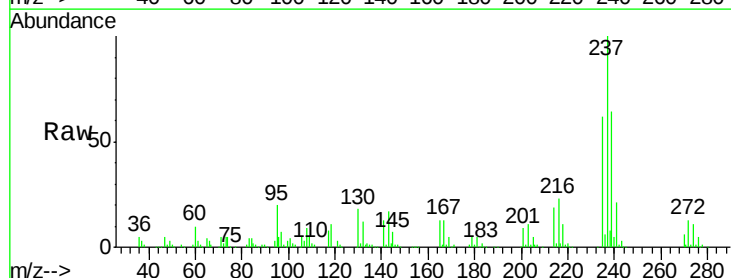
Tgt Ion:237 Resp: 289573

Ion Ratio Lower Upper

237 100

235 62.4 44.8 84.8

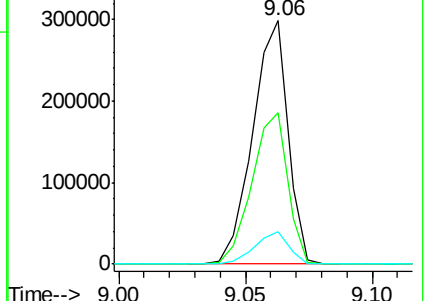
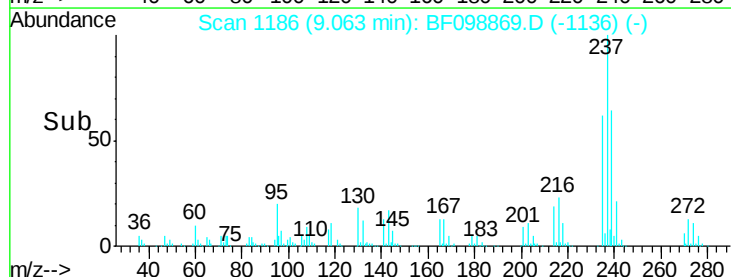
272 13.1 0.0 33.3

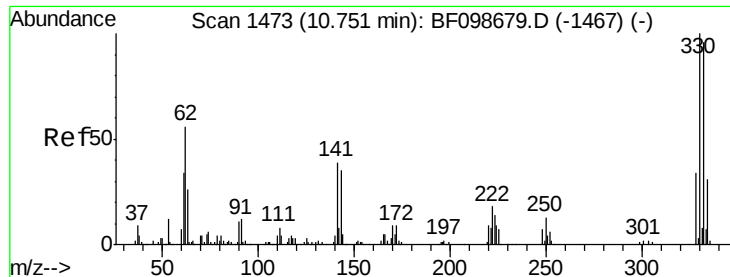


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

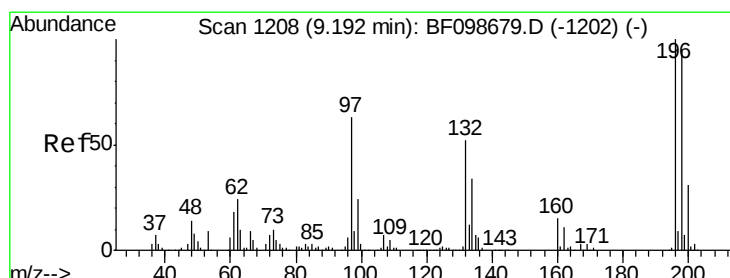
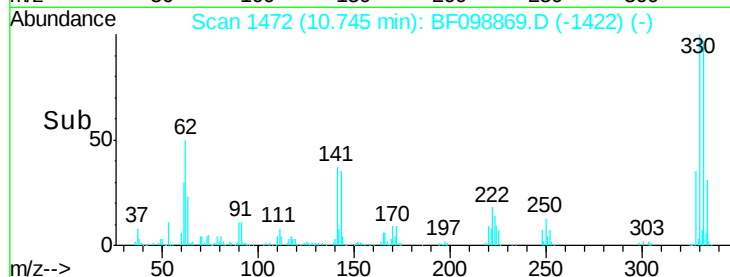
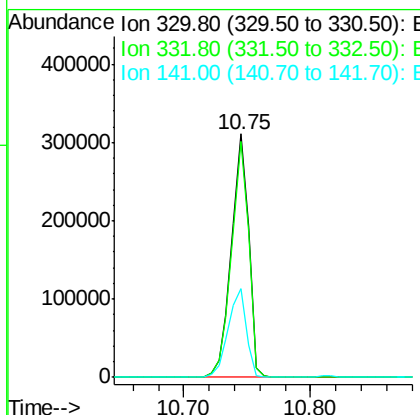
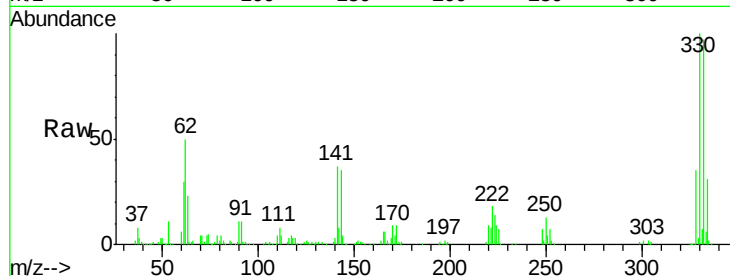




#41
 2,4,6-Tribromophenol
 Concen: 130.54 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

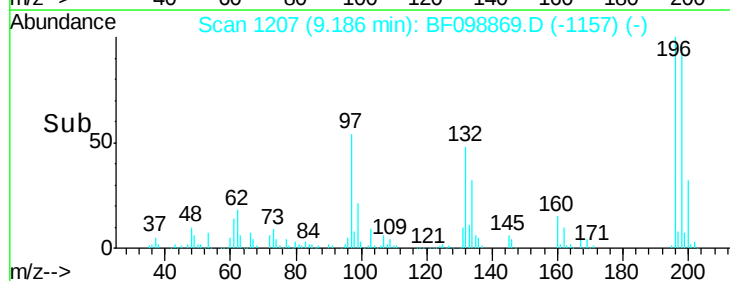
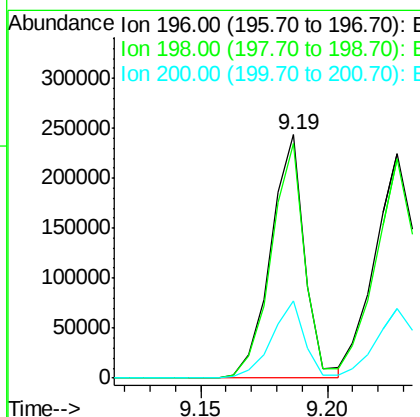
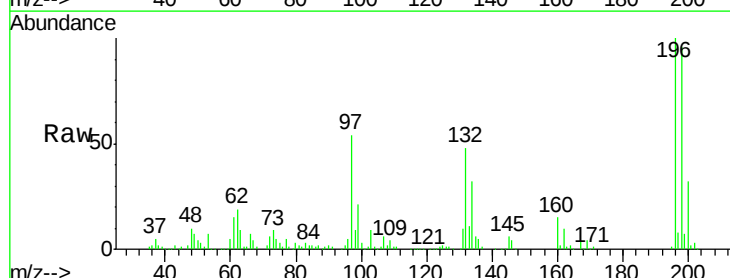
Instrument :
 BNA_F
 ClientSampled :

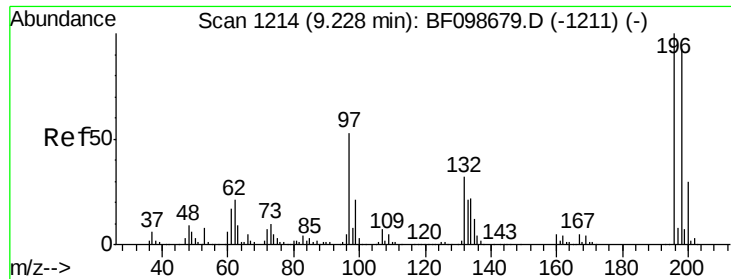
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	38.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.64 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.7	113.5
200	31.8	24.5	36.7

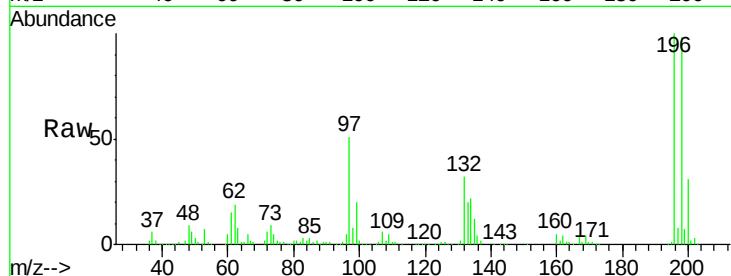




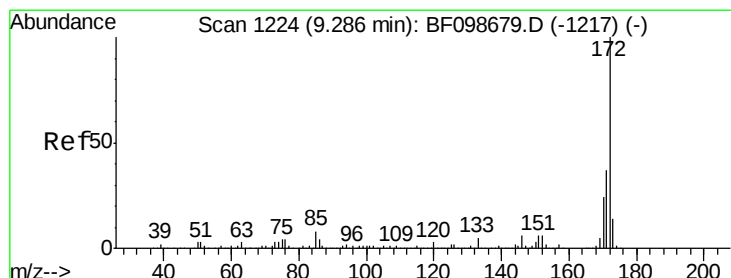
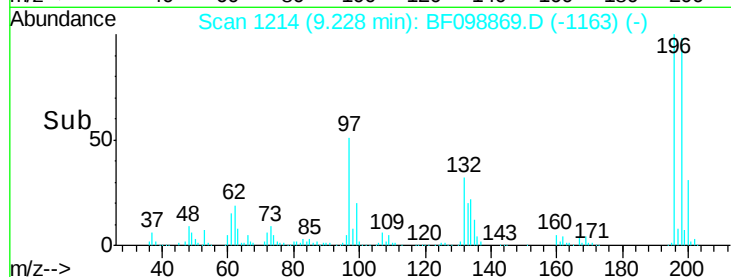
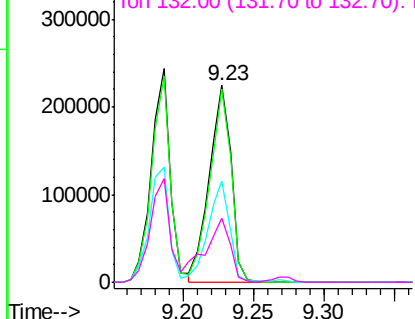
#43
 2,4,5-Trichlorophenol
 Concen: 42.09 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 242521
 Ion Ratio Lower Upper
 196 100
 198 98.1 74.6 112.0
 97 51.4 42.9 64.3
 132 32.3 26.3 39.5

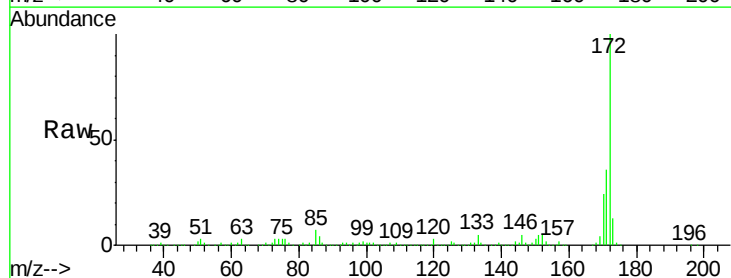


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

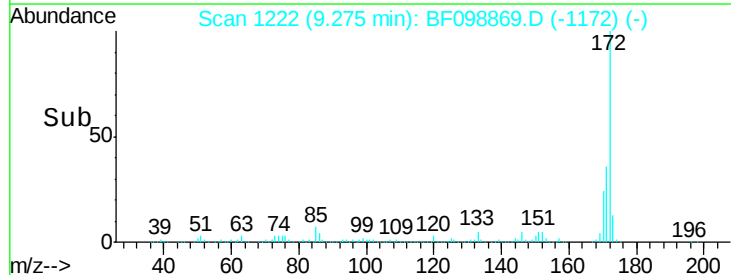
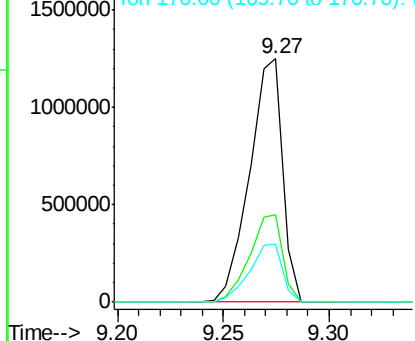


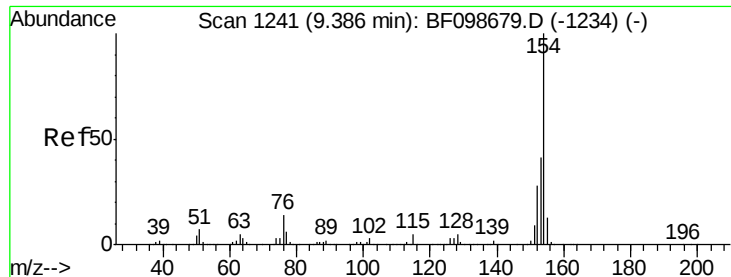
#44
 2-Fluorobiphenyl
 Concen: 83.08 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Tgt Ion:172 Resp: 1359718
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.0 19.6 29.4



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

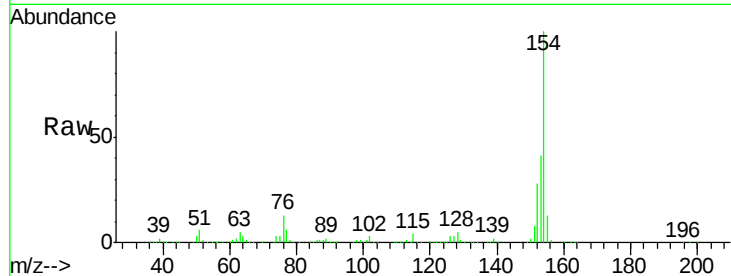




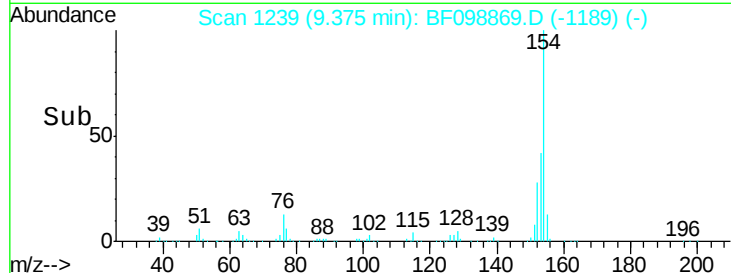
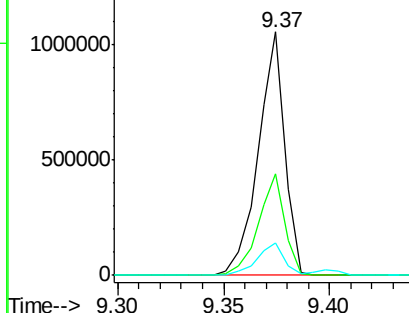
#45
 1,1'-Biphenyl
 Concen: 39.03 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 916484
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.3 61.3
 76 13.5 0.0 34.0

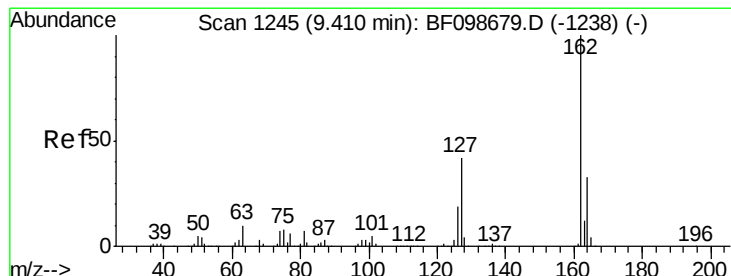


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

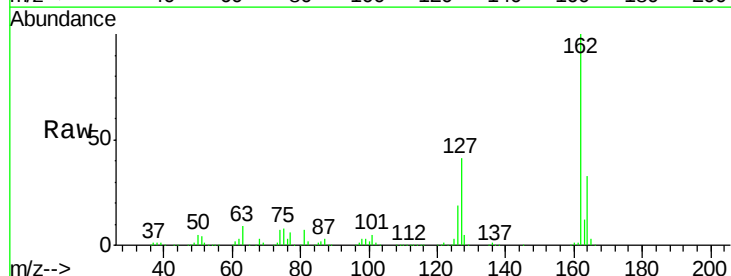
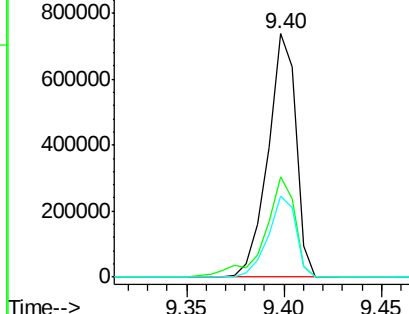


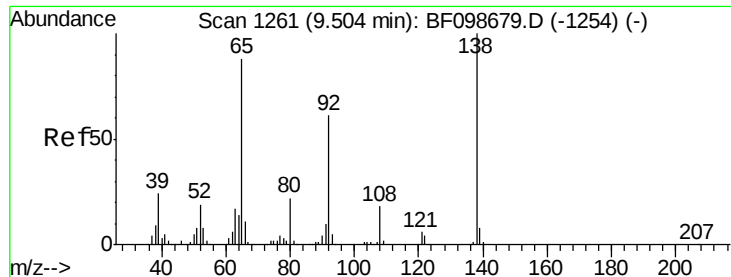
#46
 2-Chloronaphthalene
 Concen: 41.46 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Tgt Ion:162 Resp: 730901
 Ion Ratio Lower Upper
 162 100
 127 40.9 33.9 50.9
 164 33.3 26.5 39.7



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





#47

2-Nitroaniline

Concen: 44.01 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

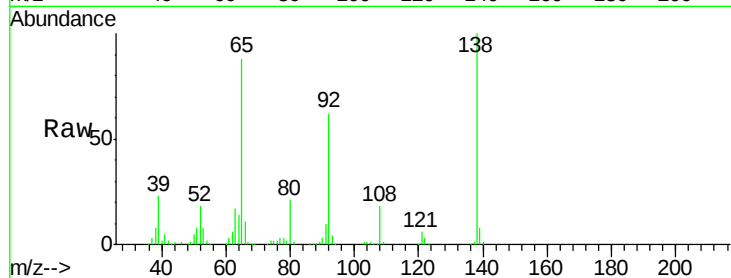
Tot Ion: 65 Resp: 237593

Ion Ratio Lower Upper

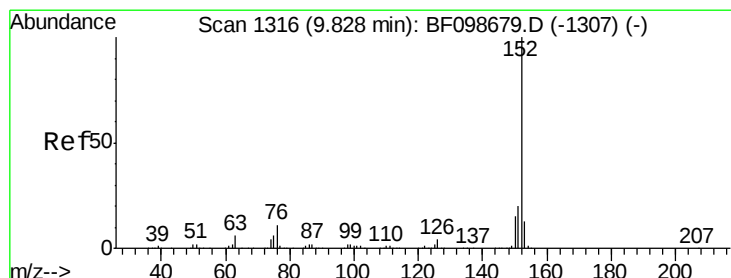
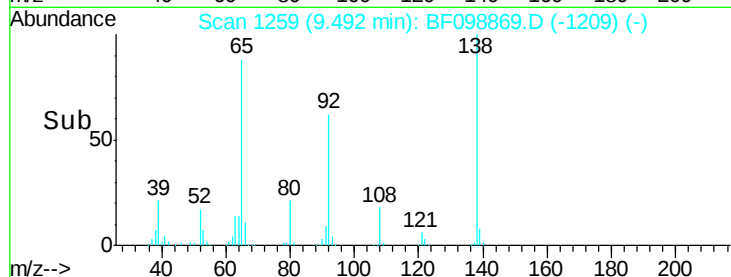
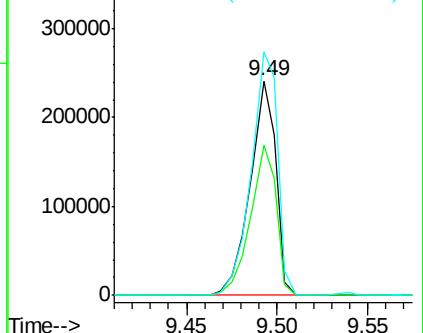
65 100

92 70.0 55.8 83.6

138 113.7 91.2 136.8



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: 42.01 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

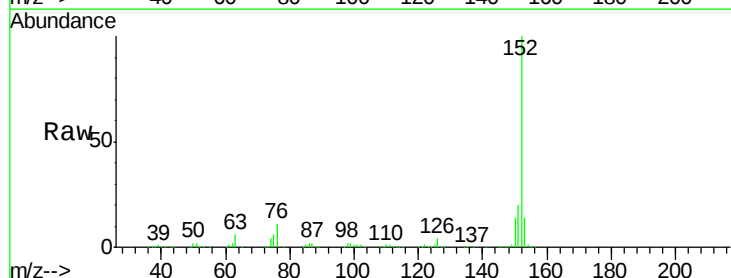
Tgt Ion: 152 Resp: 1133673

Ion Ratio Lower Upper

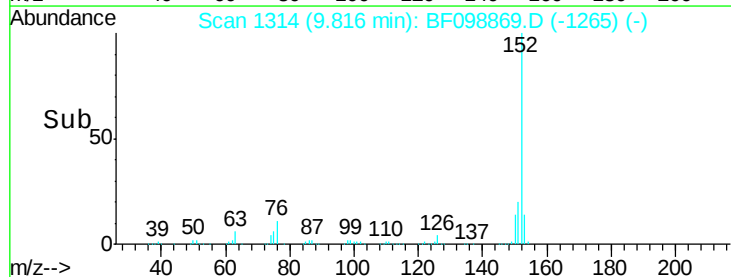
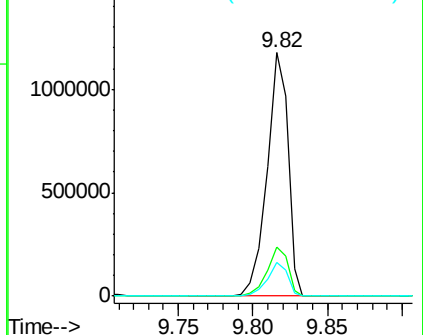
152 100

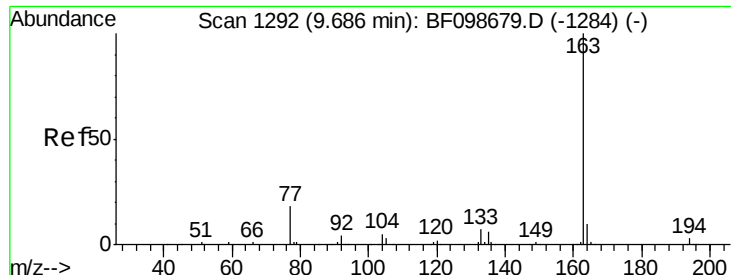
151 20.4 16.3 24.5

153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF0
Ion 151.00 (150.70 to 151.70): BF0
Ion 153.00 (152.70 to 153.70): BF0

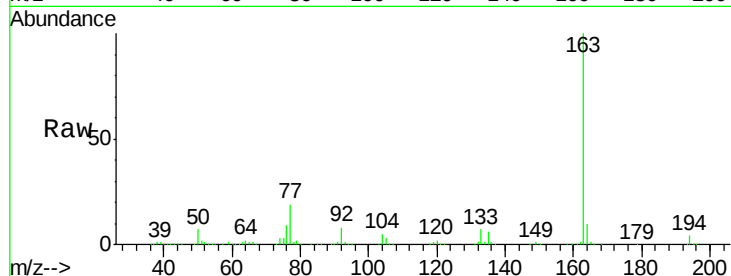




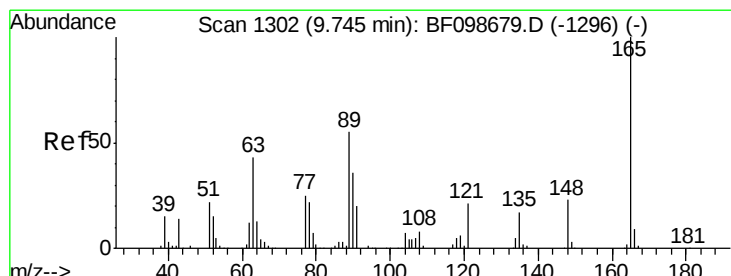
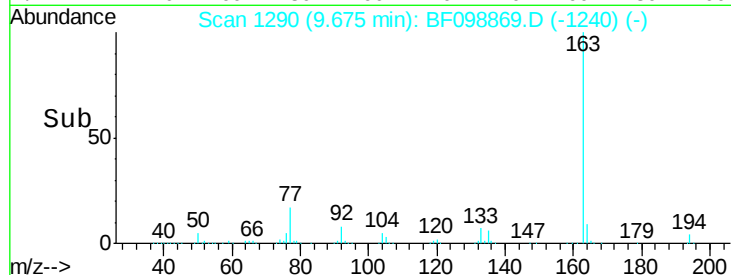
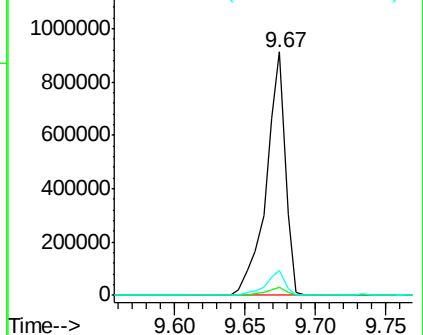
#49
Dimethylphthalate
Concen: 42.44 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 875193
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2

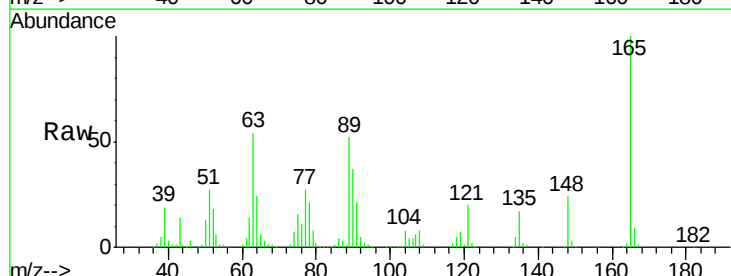


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

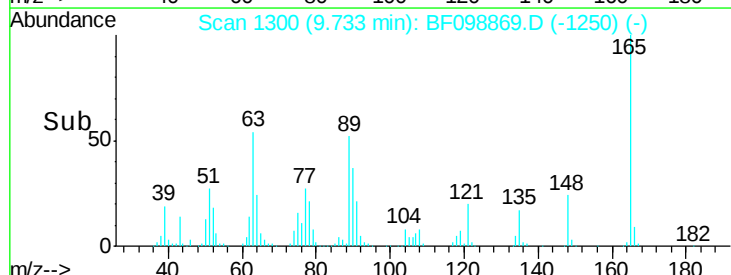
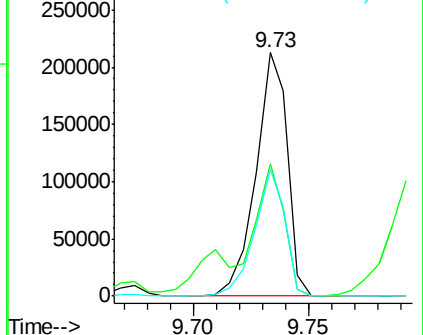


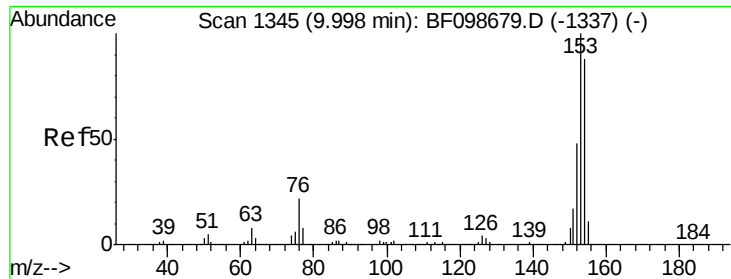
#50
2,6-Dinitrotoluene
Concen: 45.08 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Tgt Ion:165 Resp: 202384
Ion Ratio Lower Upper
165 100
63 54.1 44.7 67.1
89 52.3 44.0 66.0



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: 43.62 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

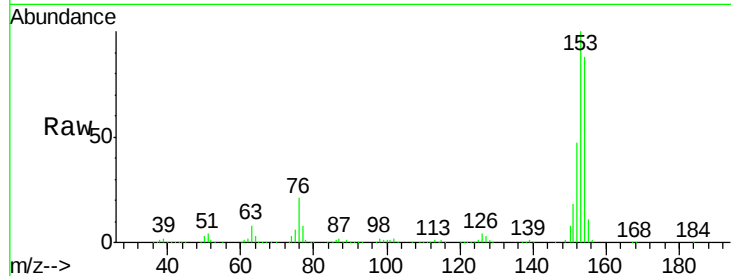
Tot Ion:154 Resp: 745789

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

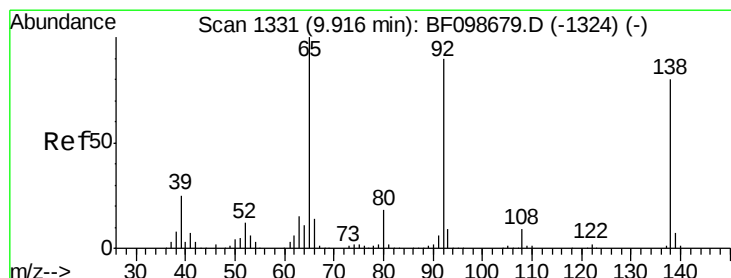
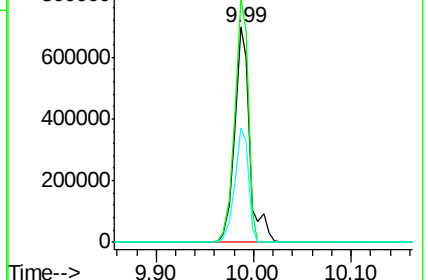
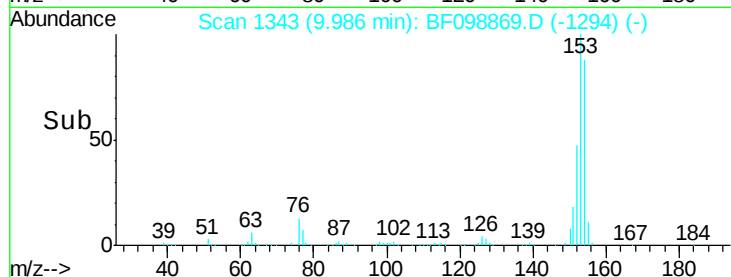
152 53.2 43.8 65.8



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: 18.62 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

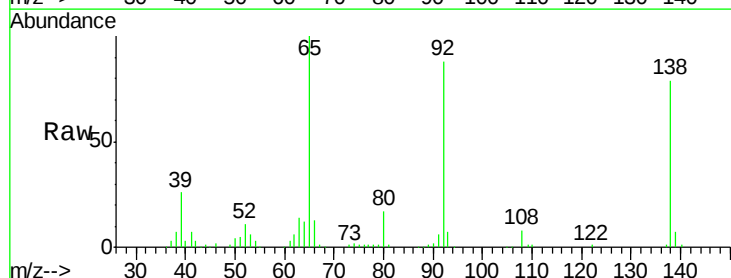
Tgt Ion:138 Resp: 97462

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

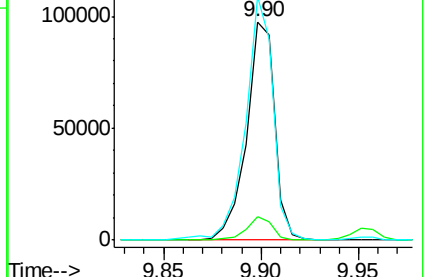
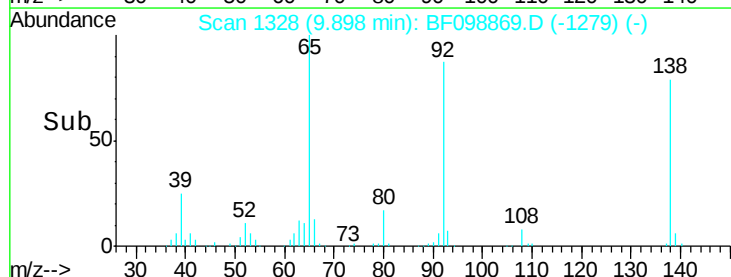
92 111.4 89.4 134.2

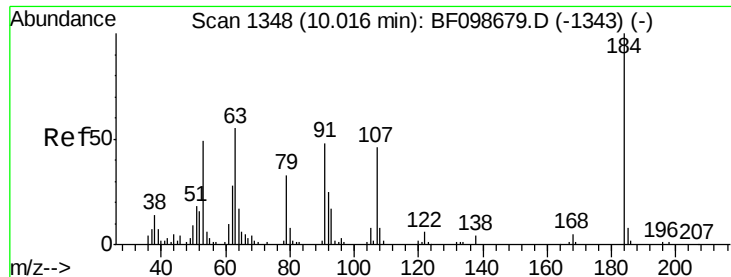


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

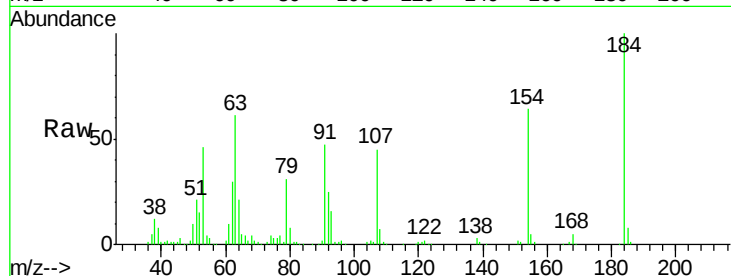




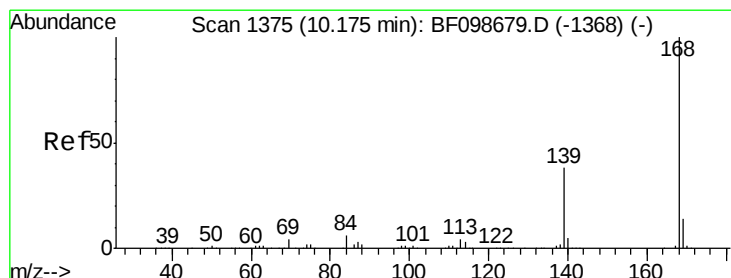
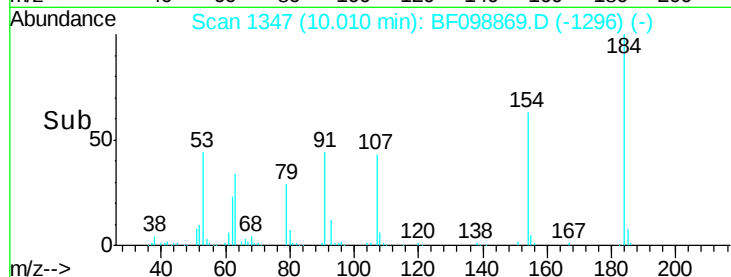
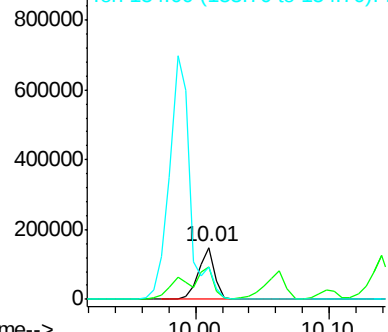
#53
2,4-Dinitrophenol
Concen: 56.65 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 128114
Ion Ratio Lower Upper
184 100
63 61.4 54.2 81.2
154 63.7 53.5 80.3

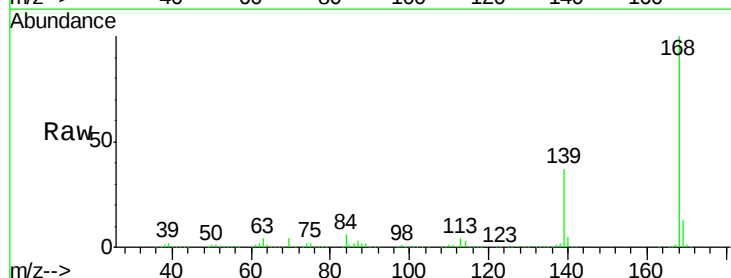


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

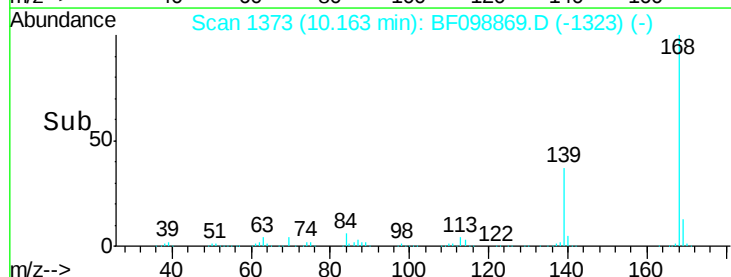
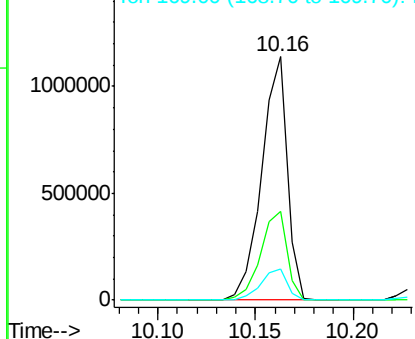


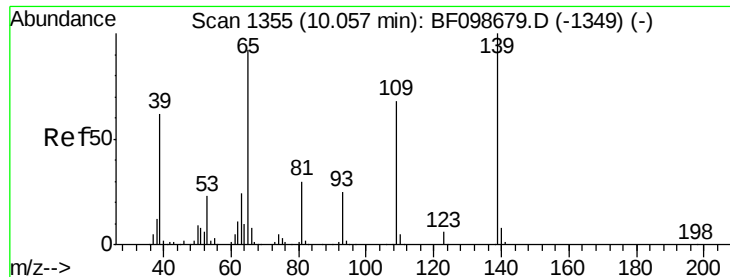
#54
Dibenzofuran
Concen: 45.56 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Tgt Ion:168 Resp: 1037056
Ion Ratio Lower Upper
168 100
139 36.7 30.1 45.1
169 12.9 10.9 16.3



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

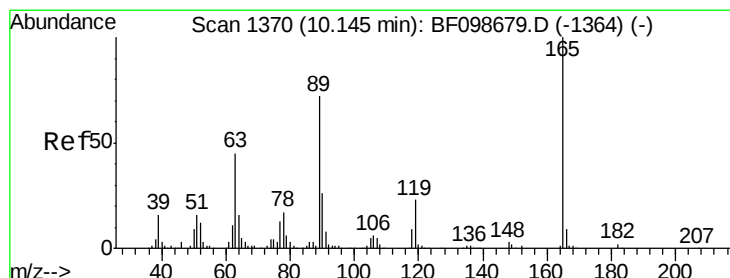
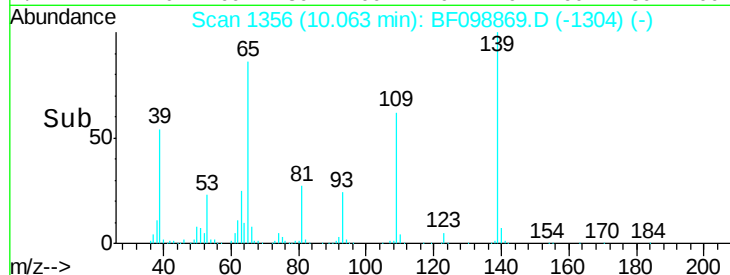
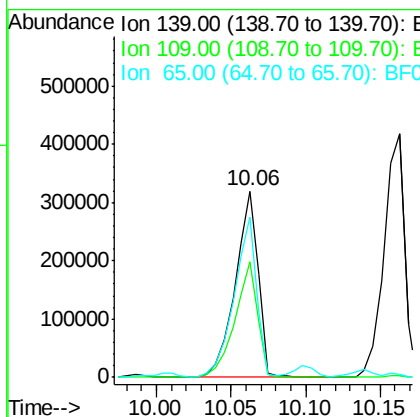
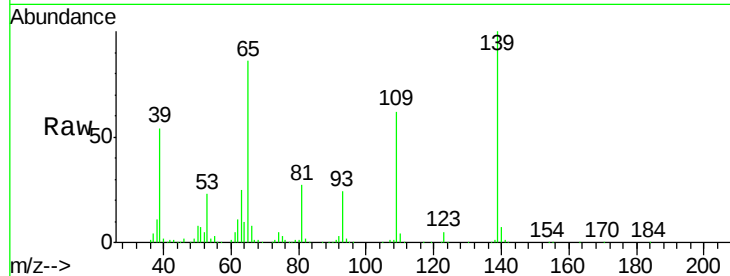




#55
4-Nitrophenol
Concen: 77.39 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

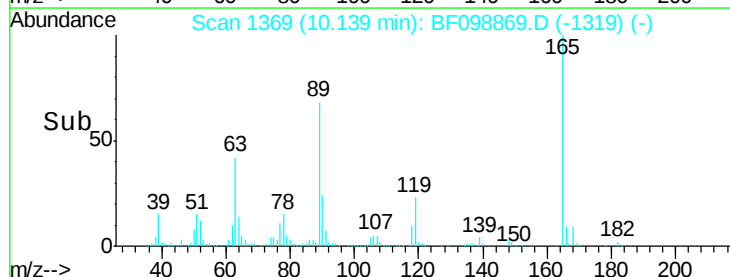
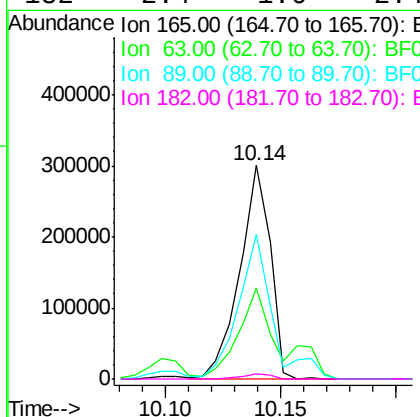
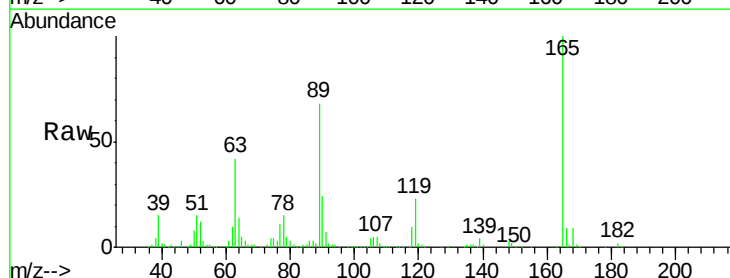
Instrument :
BNA_F
ClientSampleId :

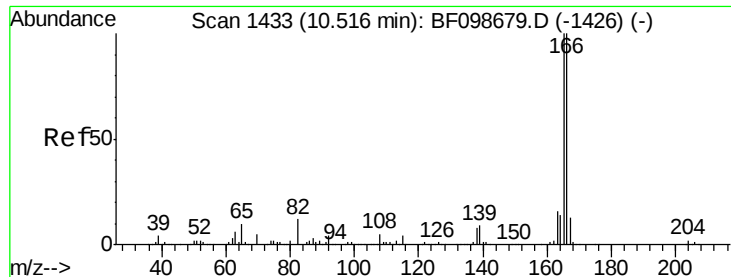
Tot Ion:139 Resp: 342515
Ion Ratio Lower Upper
139 100
109 62.2 48.4 88.4
65 86.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 47.88 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Tgt Ion:165 Resp: 278973
Ion Ratio Lower Upper
165 100
63 42.4 36.4 54.6
89 68.0 57.8 86.6
182 2.4 1.6 2.4

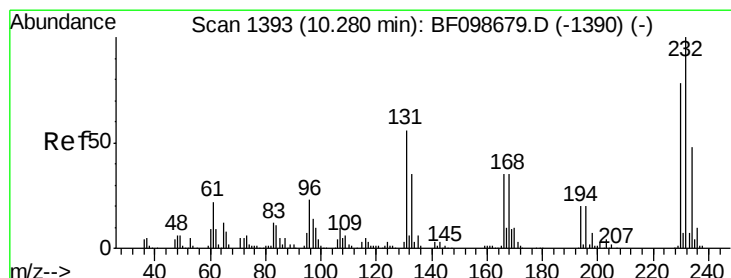
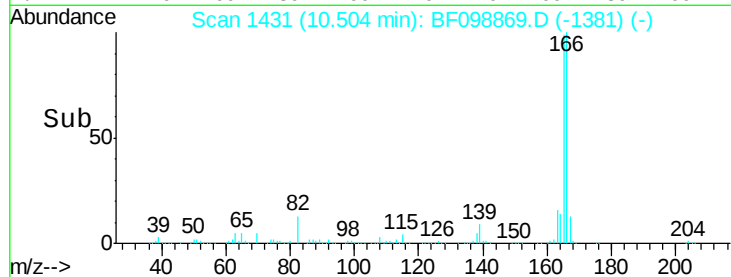
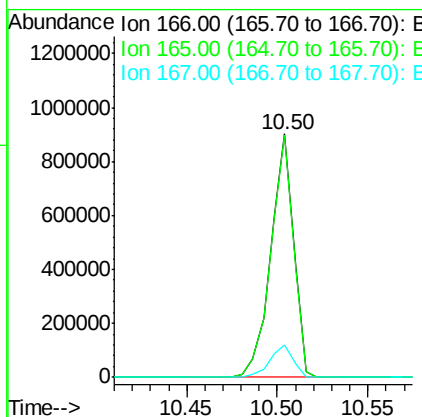
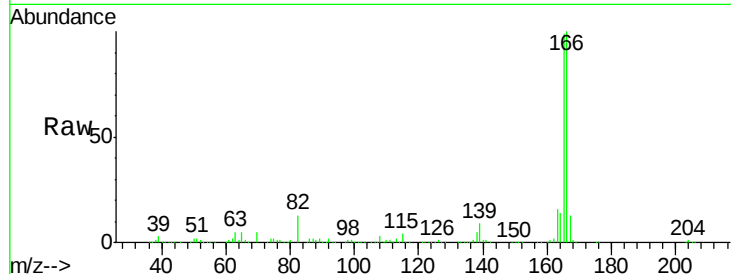




#57
 Fluorene
 Concen: 43.03 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

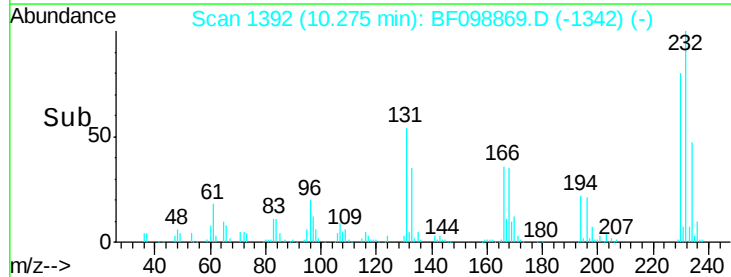
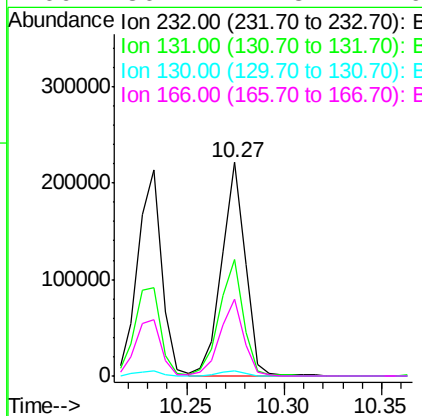
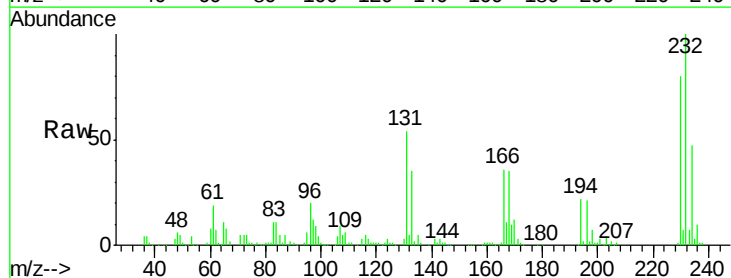
Instrument :
 BNA_F
 ClientSampleId :

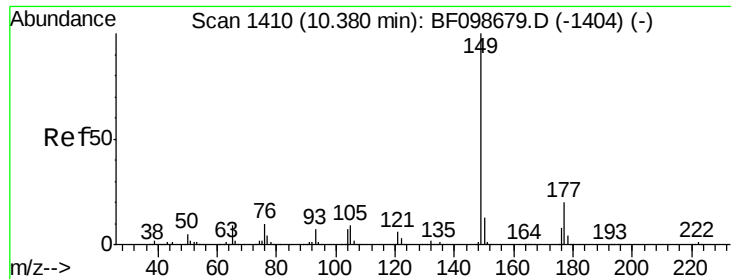
Tot	Ion:166	Resp:	787334
Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.53 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Tgt Ion:232	Resp:	185191
Ion Ratio	Lower	Upper
232 100		
131 54.9	43.8	65.8
130 2.7	2.1	3.1
166 36.2	27.8	41.6

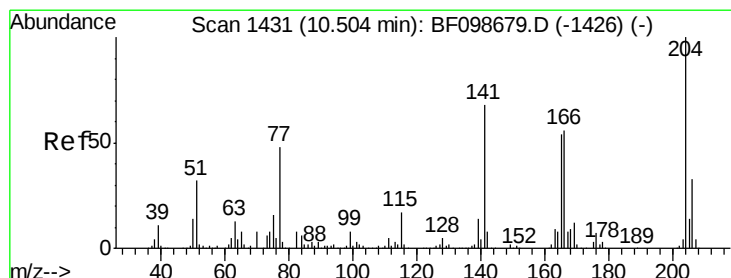
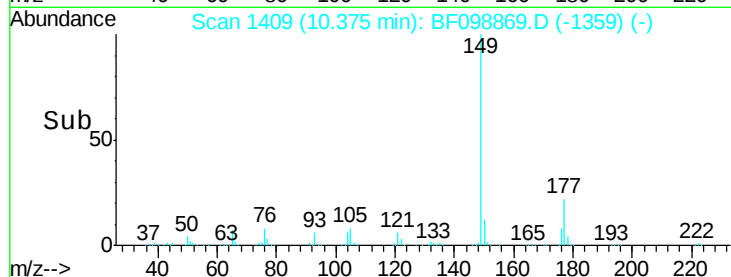
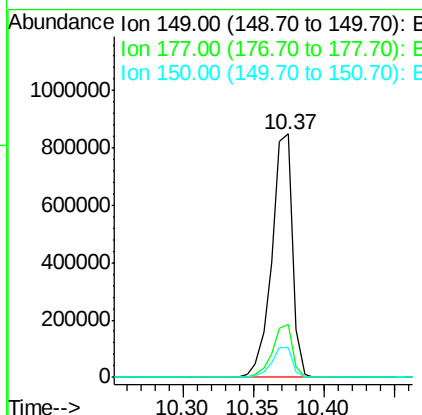
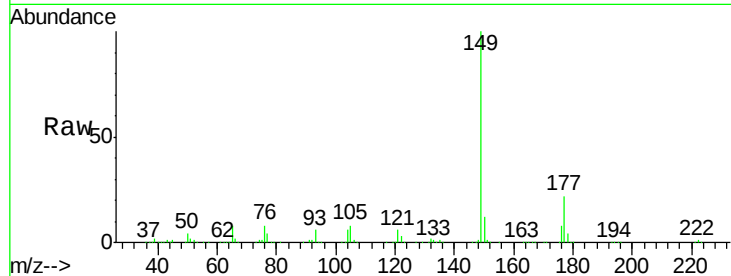




#59
Diethylphthalate
Concen: 43.19 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

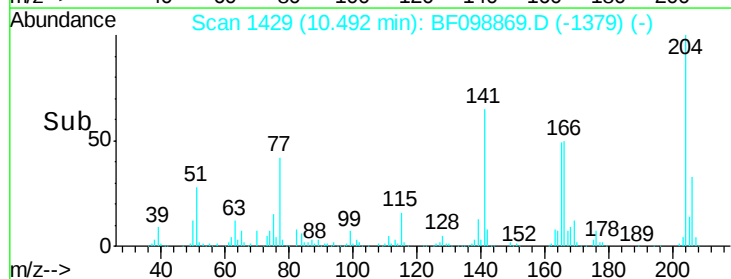
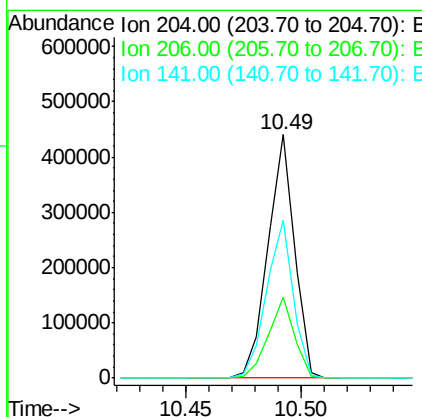
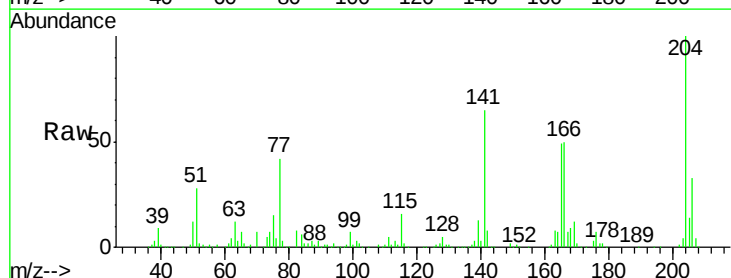
Instrument :
BNA_F
ClientSampled :

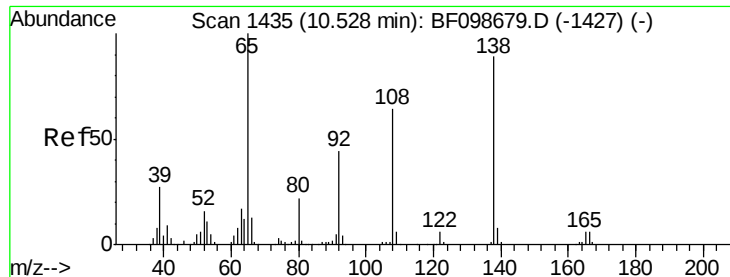
Tot Ion:149 Resp: 870325
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.91 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Tgt Ion:204 Resp: 352614
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 64.8 54.6 81.8

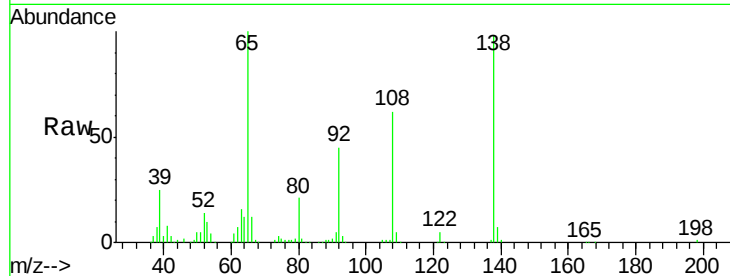




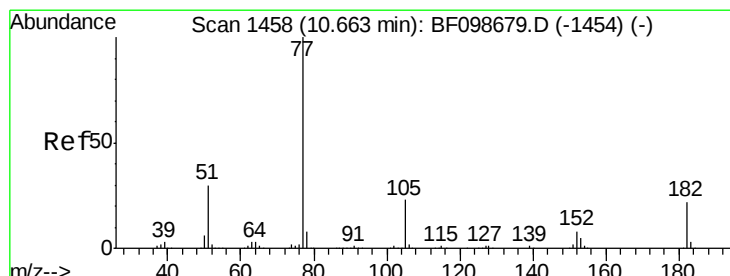
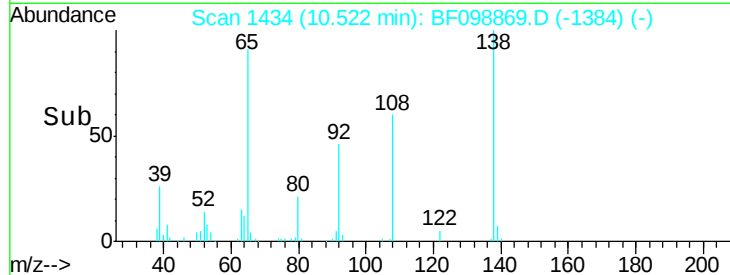
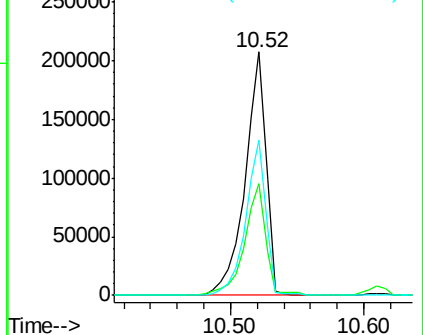
#61
4-Nitroaniline
Concen: 44.17 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 223048
Ion Ratio Lower Upper
138 100
92 46.1 30.2 70.2
108 63.8 52.5 92.5

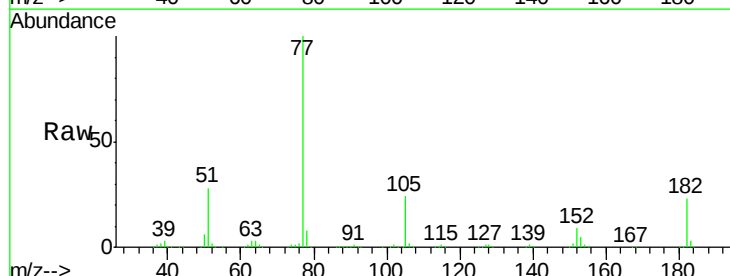


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

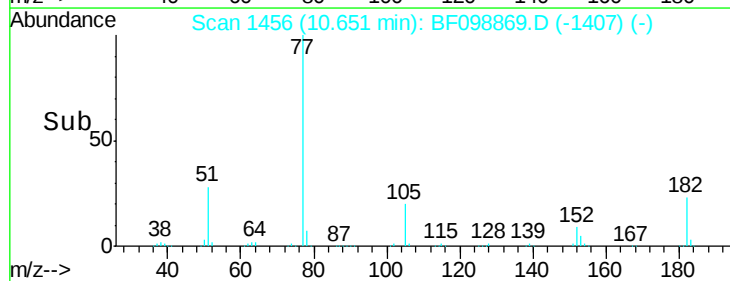
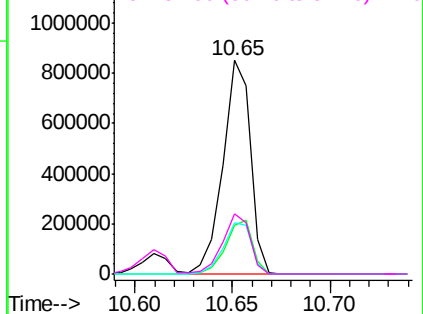


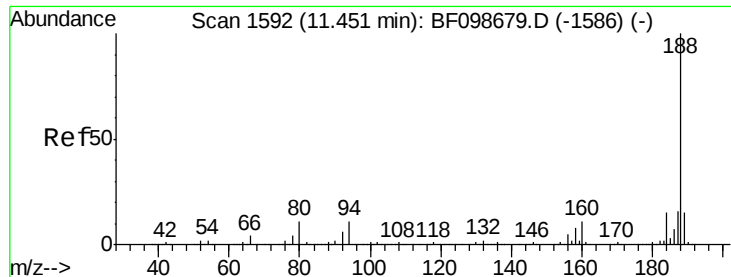
#62
Azobenzene
Concen: 44.89 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Tgt Ion: 77 Resp: 831685
Ion Ratio Lower Upper
77 100
182 22.8 1.7 41.7
105 24.2 3.0 43.0
51 28.3 9.9 49.9



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

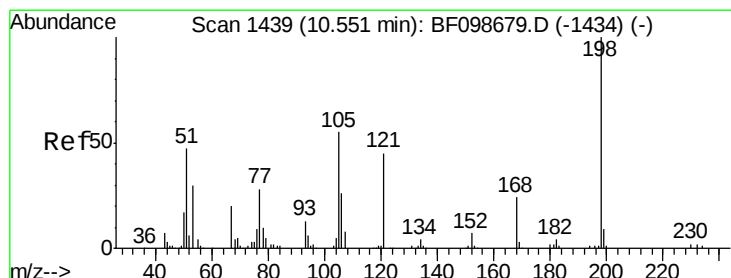
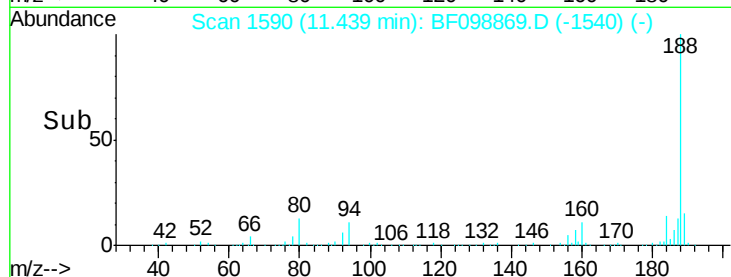
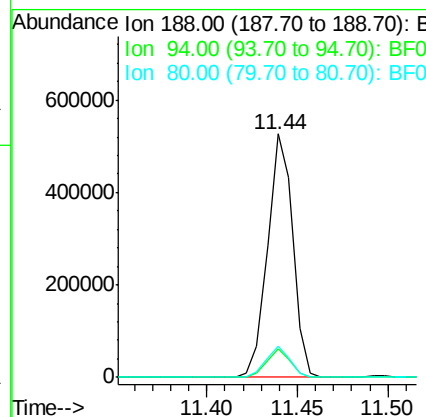
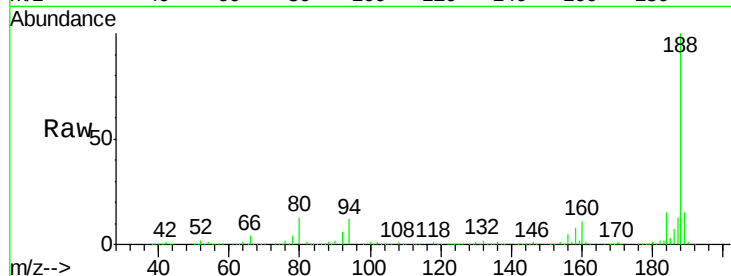




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

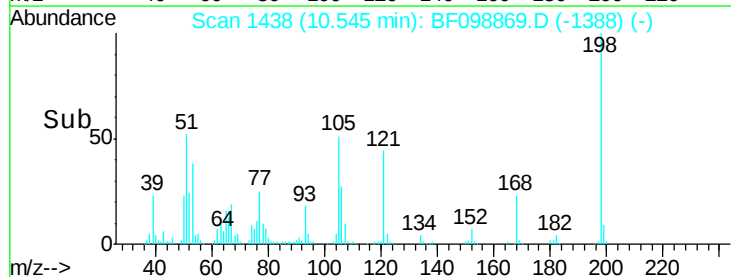
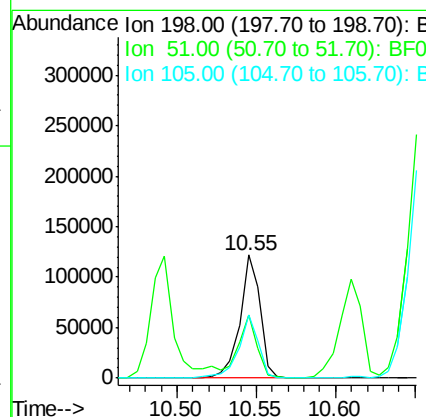
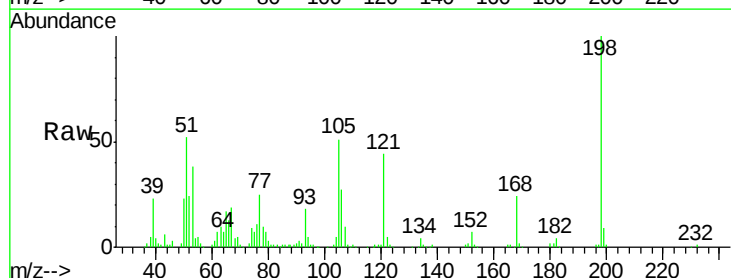
Instrument :
 BNA_F
 ClientSampleId :

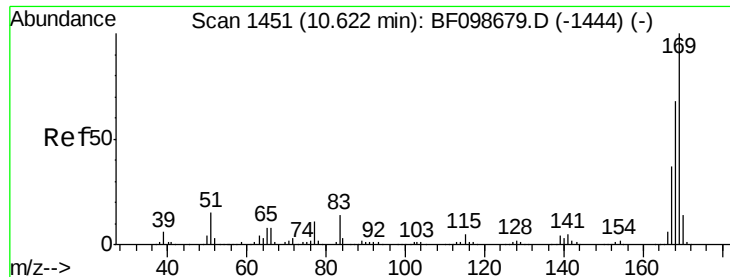
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.6	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.71 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.8	37.7	77.7
105	51.2	36.3	76.3

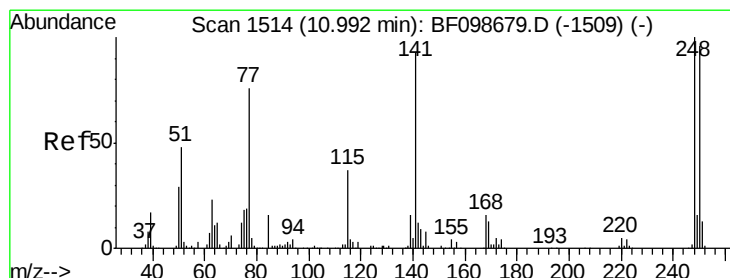
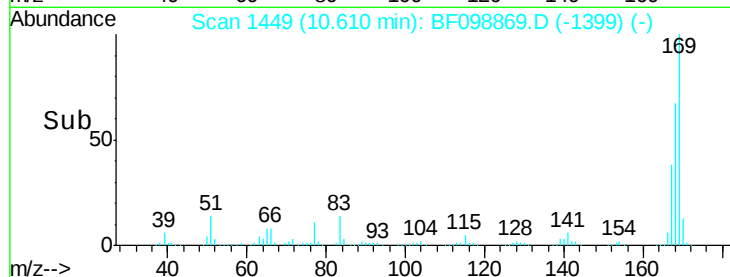
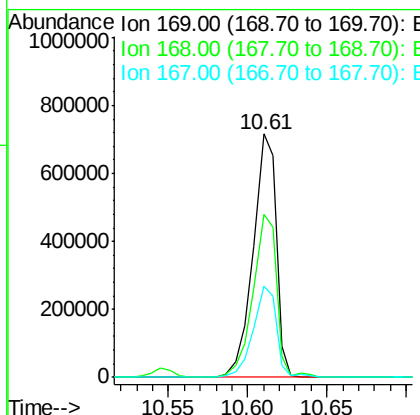
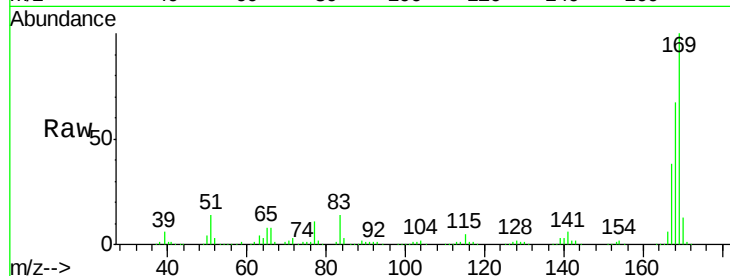




#65
 n-Nitrosodiphenylamine
 Concen: 41.36 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

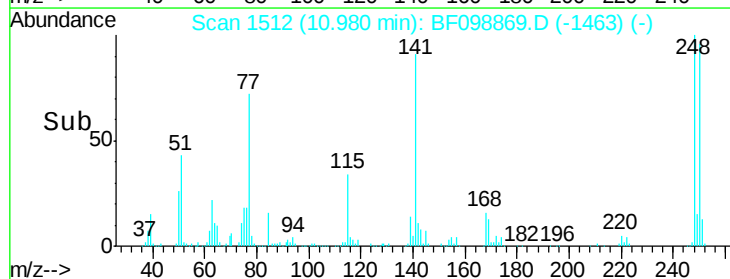
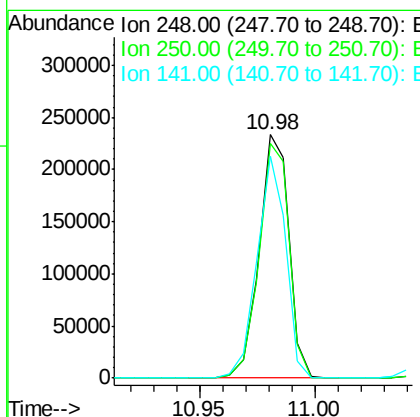
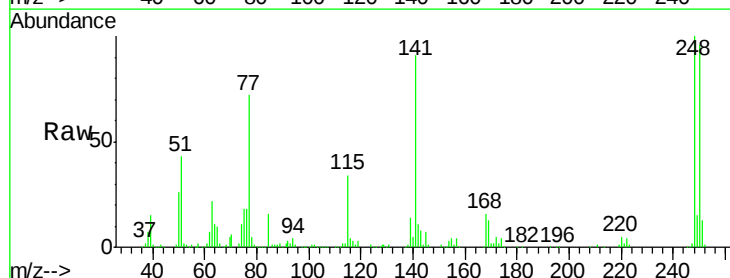
Instrument :
 BNA_F
 ClientSampleId :

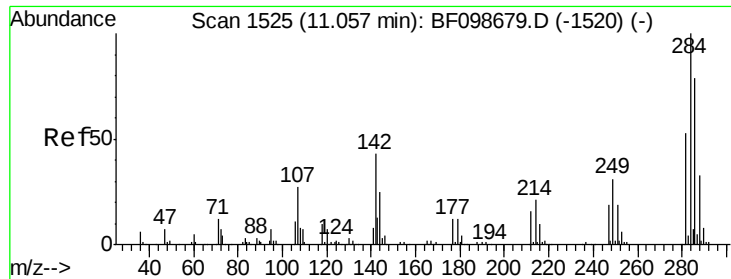
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.4	81.6
167	37.6	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.23 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.9	115.3
141	91.1	74.4	111.6

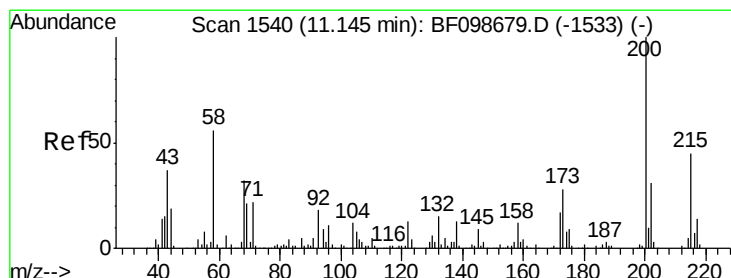
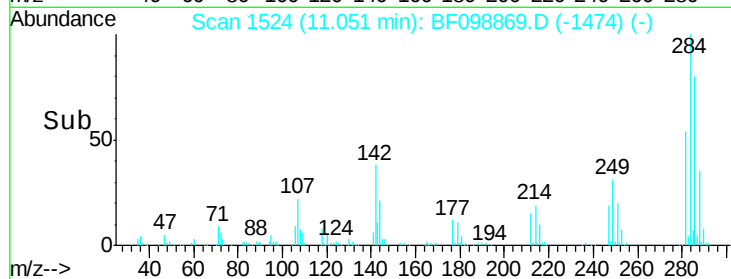
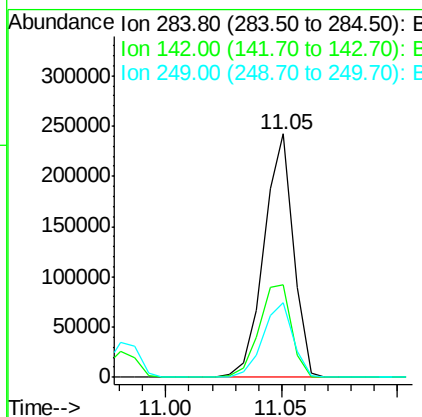
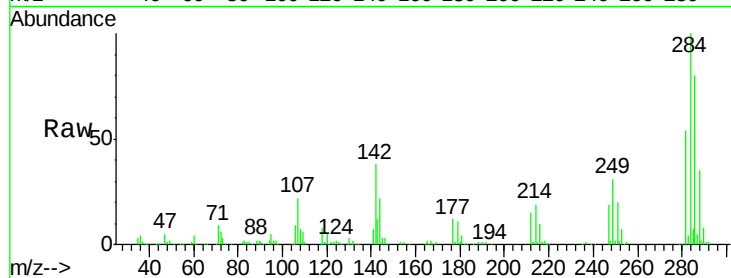




#67
Hexachlorobenzene
Concen: 40.23 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

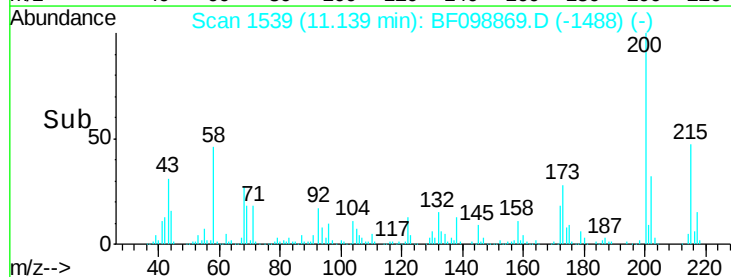
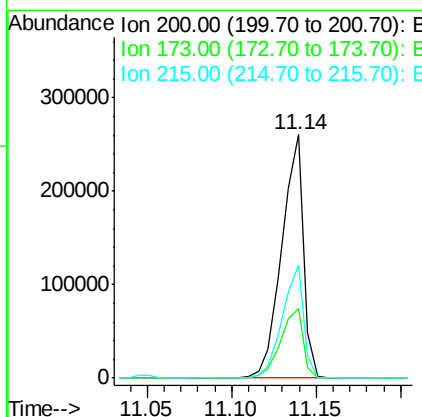
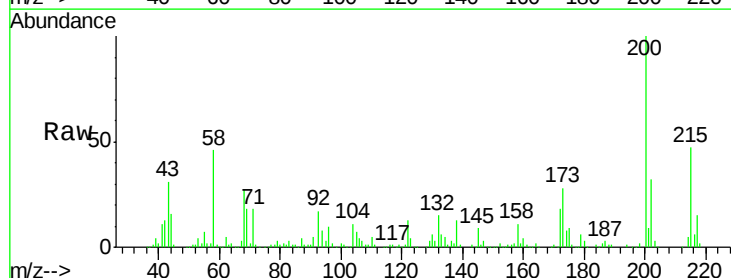
Instrument :
BNA_F
ClientSampleId :

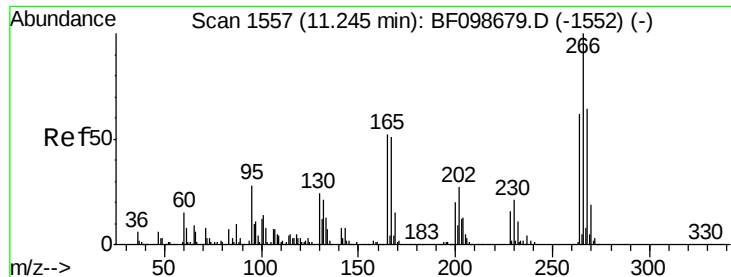
Tot Ion:284 Resp: 214057
Ion Ratio Lower Upper
284 100
142 38.1 34.6 52.0
249 30.9 24.8 37.2



#68
Atrazine
Concen: 43.98 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Tgt Ion:200 Resp: 233310
Ion Ratio Lower Upper
200 100
173 28.4 8.6 48.6
215 46.5 25.1 65.1





#69

Pentachlorophenol

Concen: 74.73 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

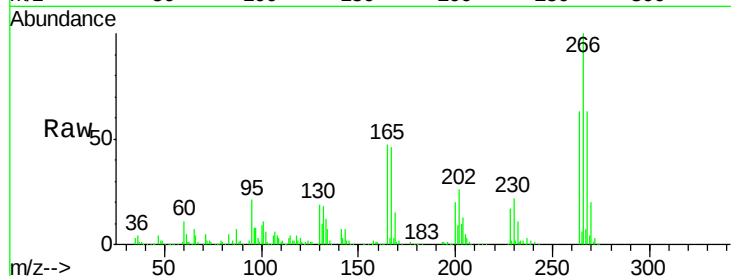
Tot Ion:266 Resp: 247476

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

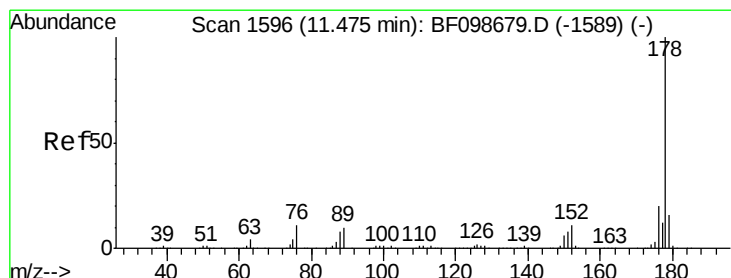
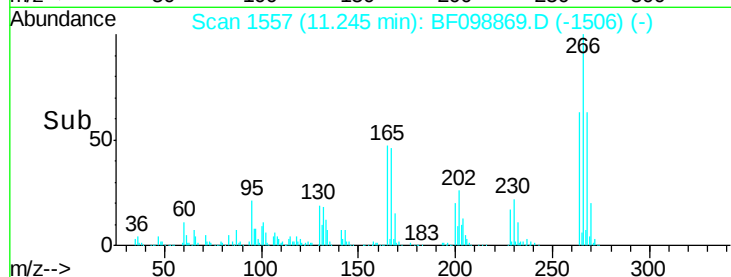
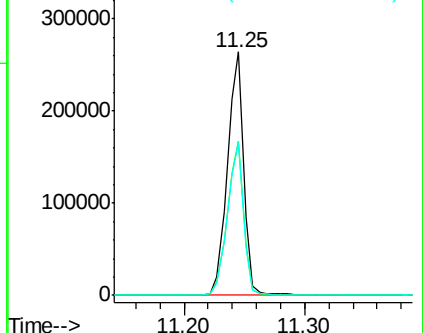
264 62.6 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 43.47 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

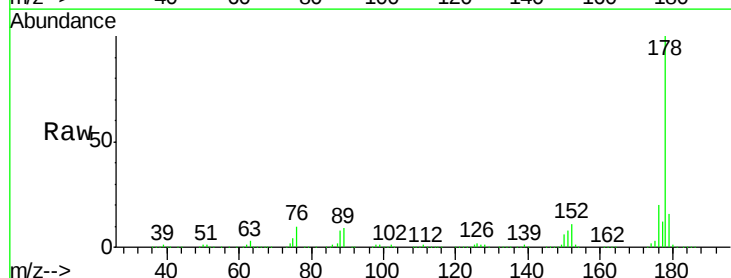
Tgt Ion:178 Resp: 1184323

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

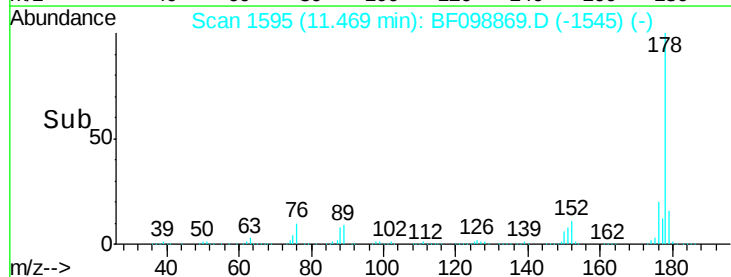
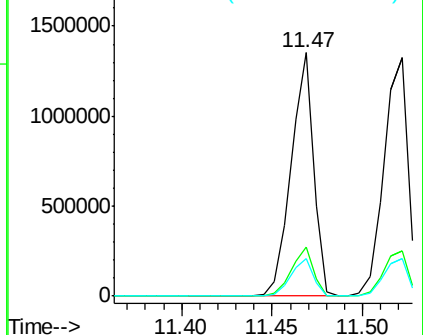
179 15.6 13.0 19.6

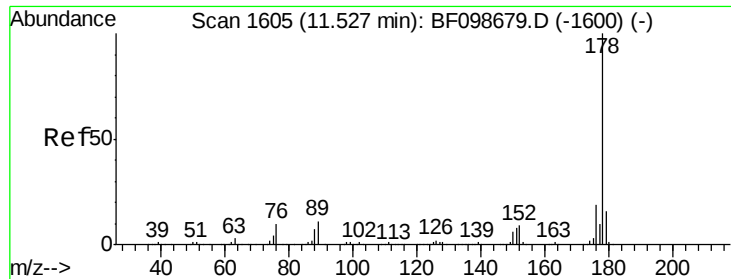


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

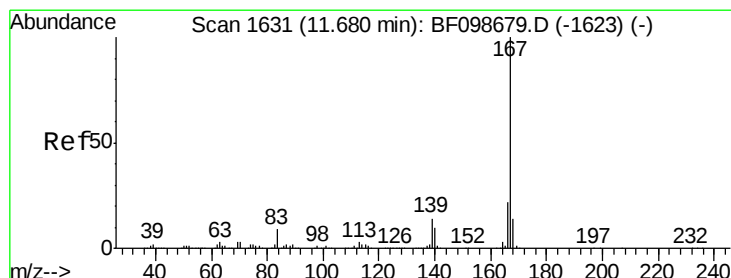
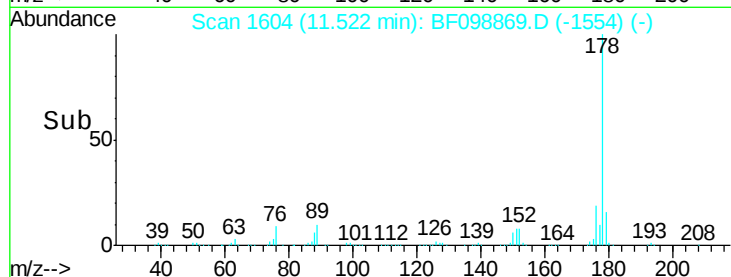
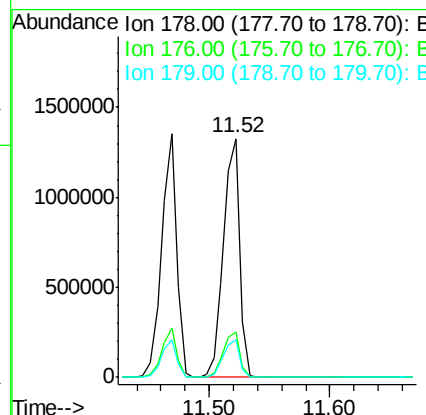
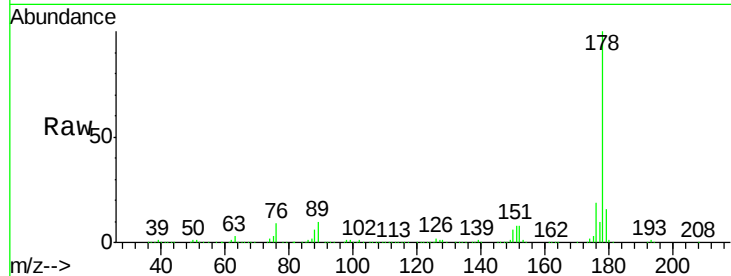




#71
 Anthracene
 Concen: 43.72 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

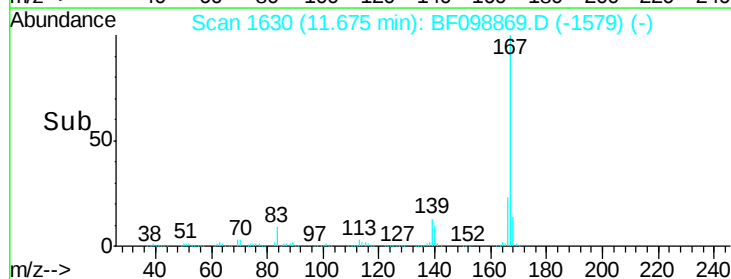
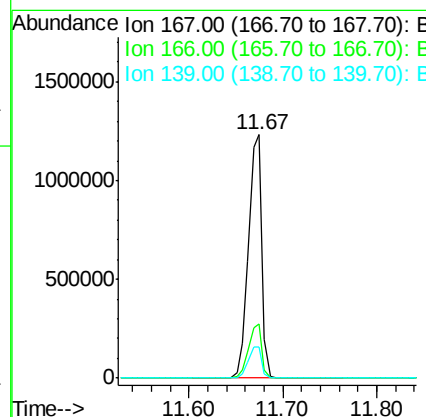
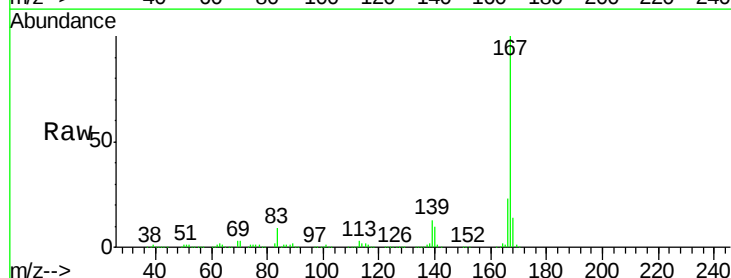
Instrument :
 BNA_F
 ClientSampleId :

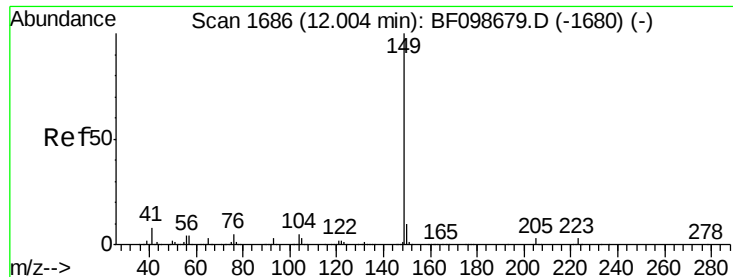
Tot Ion:178 Resp: 1218874
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 44.14 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Tgt Ion:167 Resp: 1205071
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.28 ng

RT: 11.99 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

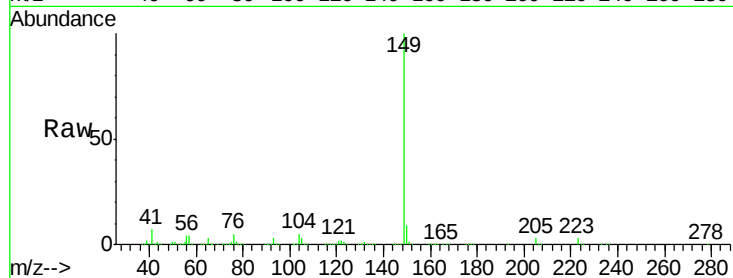
Tot Ion:149 Resp: 1389400

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

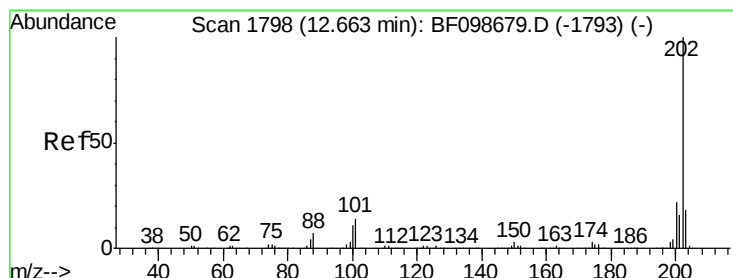
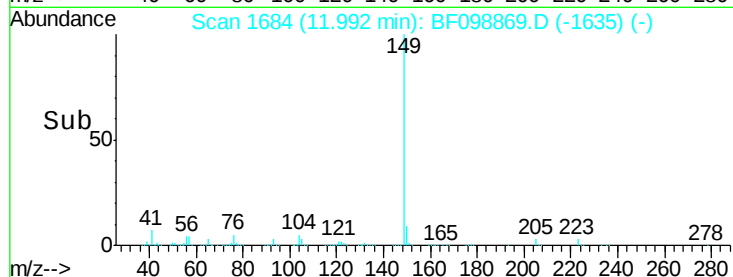
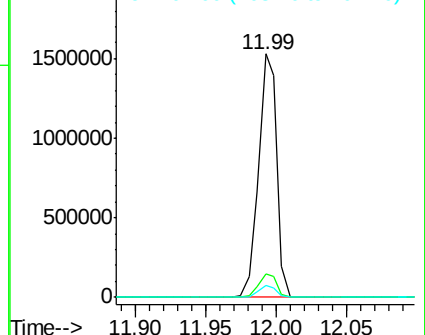
104 4.8 3.8 5.8



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: 46.71 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

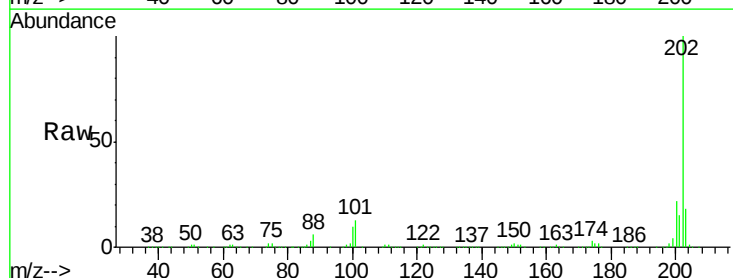
Tgt Ion:202 Resp: 1288762

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

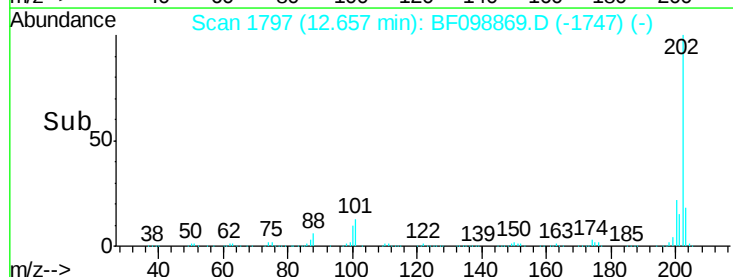
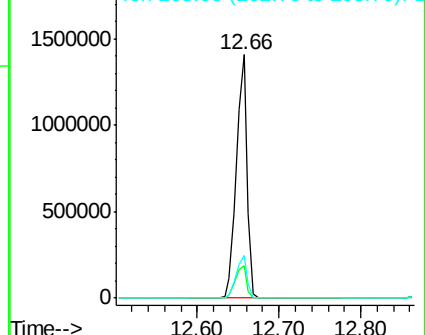
203 17.6 0.0 38.1

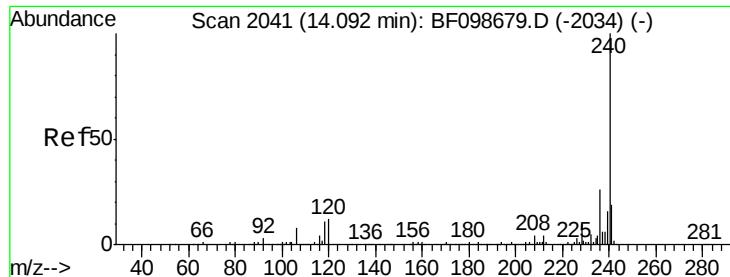


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

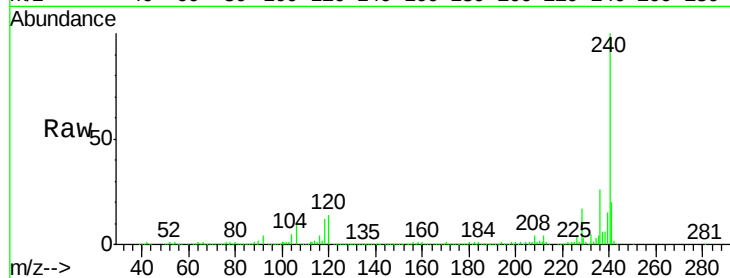
Tot Ion:240 Resp: 447656

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

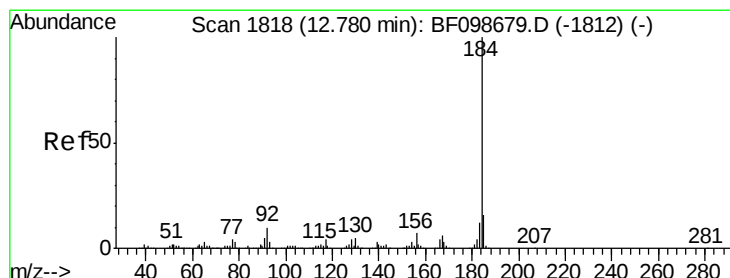
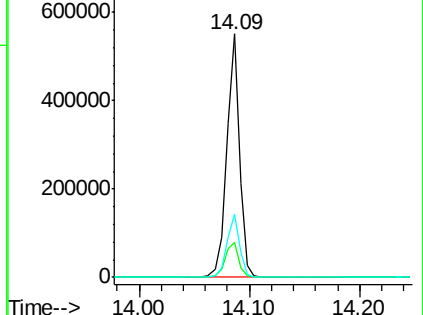
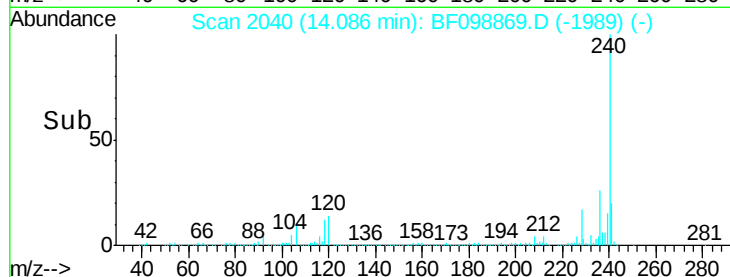
236 26.0 20.7 31.1



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: 21.13 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

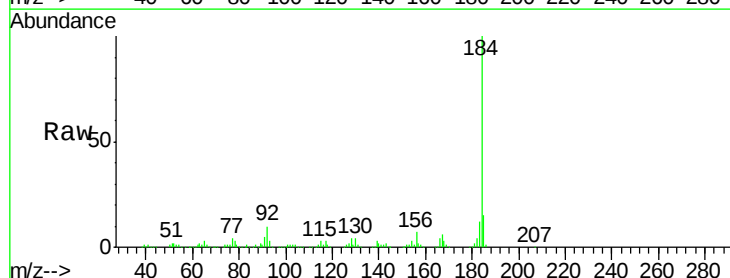
Tgt Ion:184 Resp: 349895

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

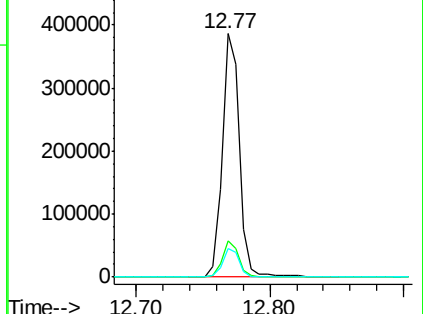
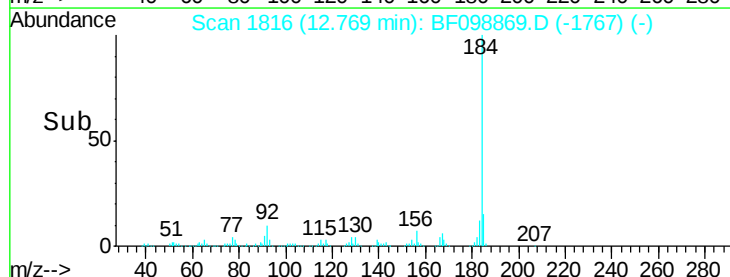
183 11.7 9.3 13.9

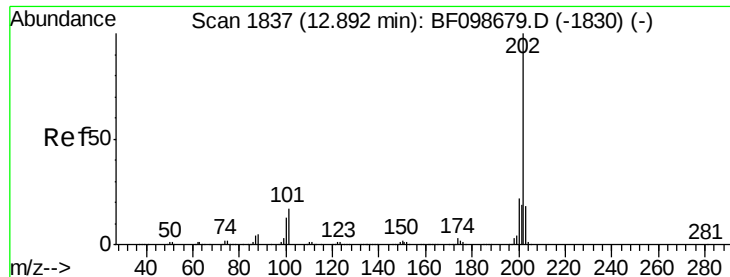


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.45 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

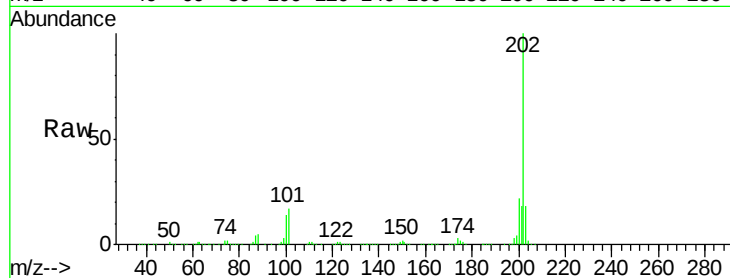
Tot Ion:202 Resp: 1346641

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

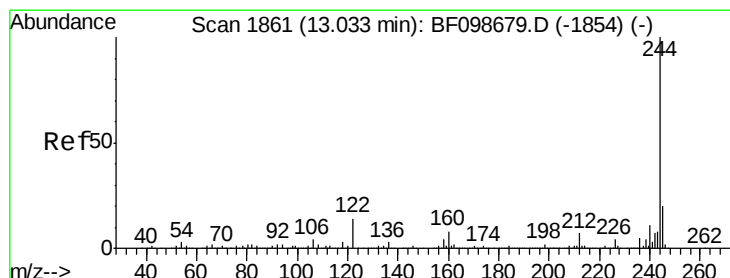
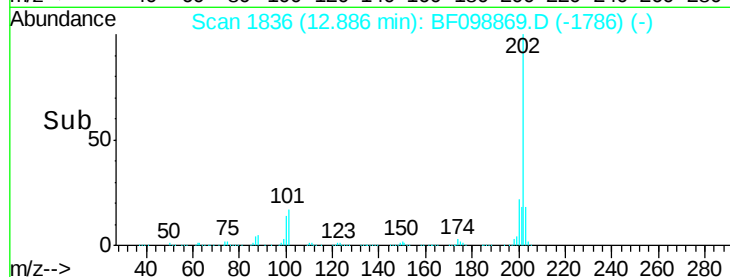
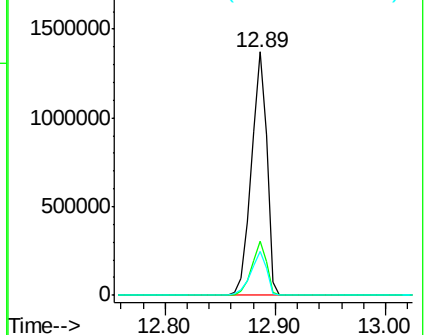
203 18.0 14.3 21.5



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: 74.25 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

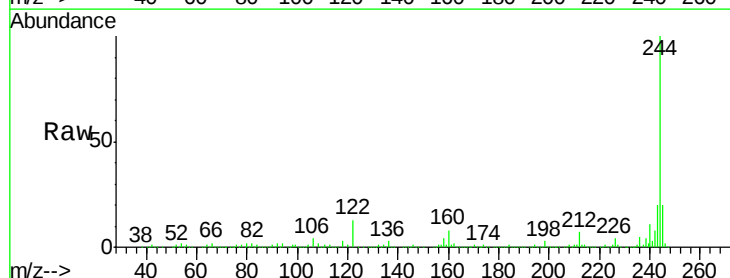
Tgt Ion:244 Resp: 1461500

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

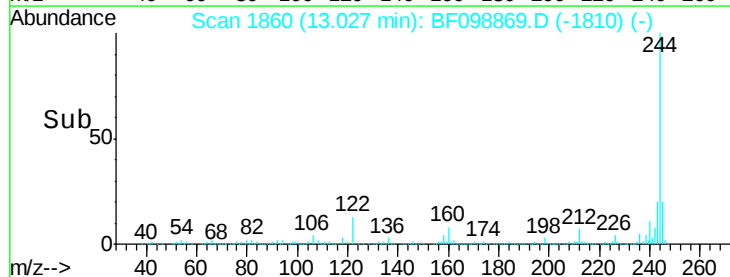
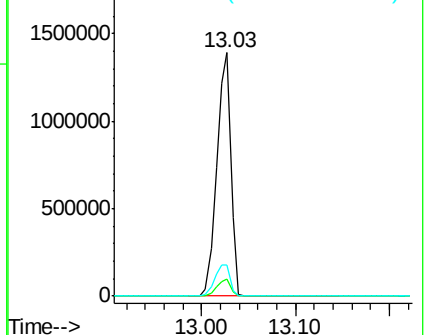
122 13.0 11.0 16.4

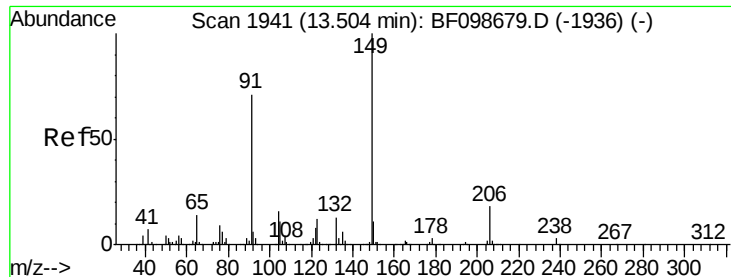


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

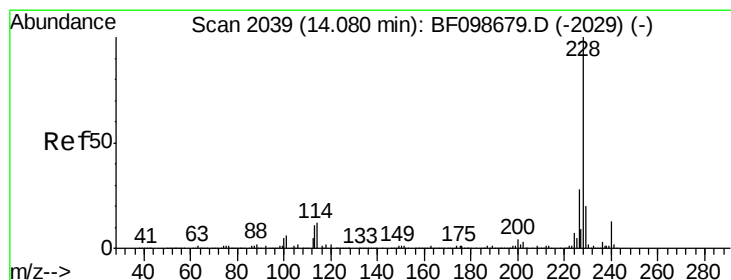
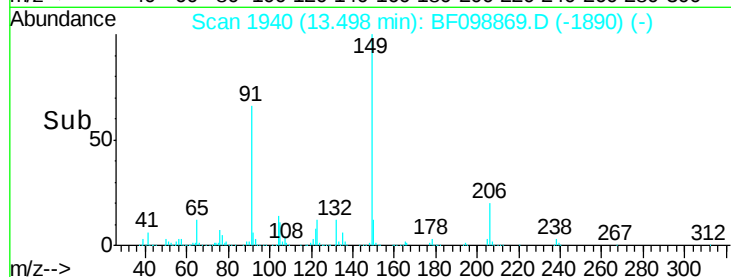
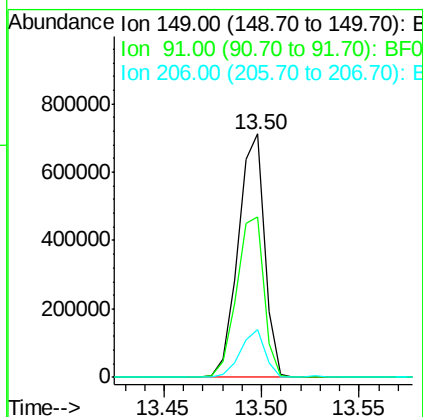
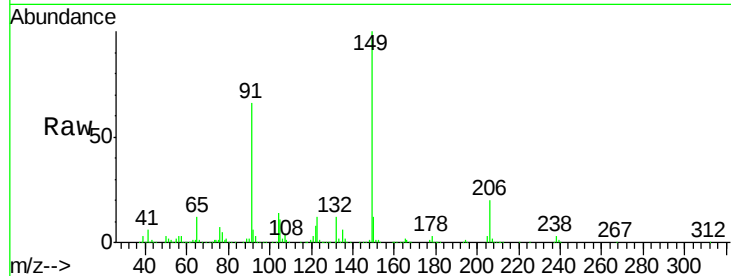




#79
Butylbenzylphthalate
Concen: 41.67 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

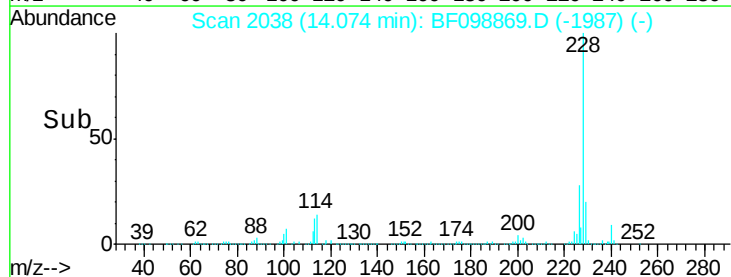
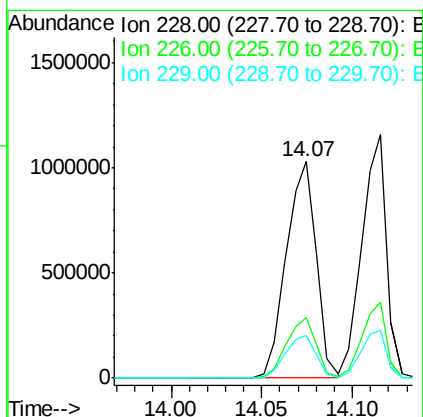
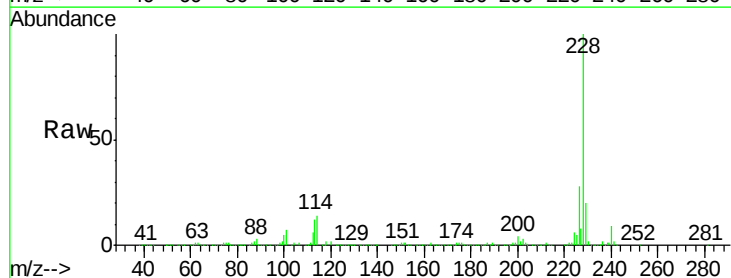
Instrument :
BNA_F
ClientSampleId :

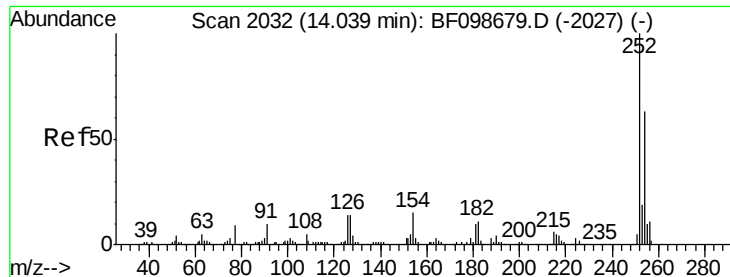
Tot Ion:149 Resp: 668441
Ion Ratio Lower Upper
149 100
91 65.7 56.8 85.2
206 19.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 43.80 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Tgt Ion:228 Resp: 1187181
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.7 15.8 23.6

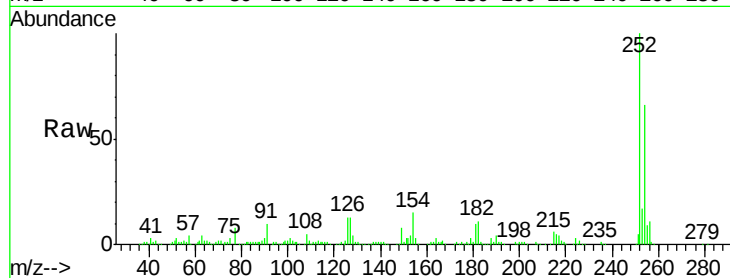




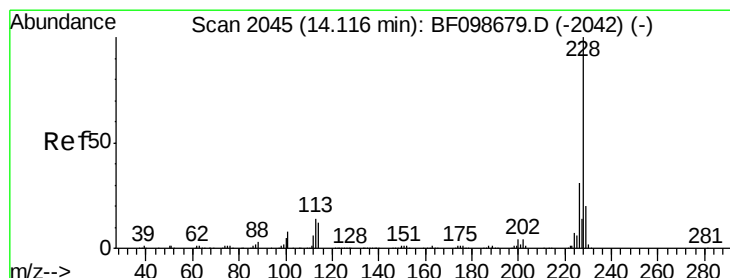
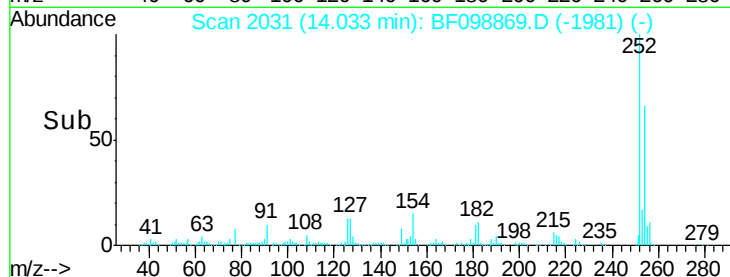
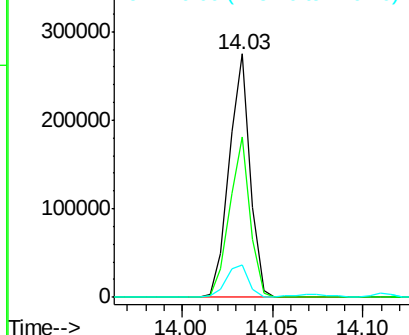
#81
 3,3'-Dichlorobenzidine
 Concen: 22.30 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	50.4	75.6
126	13.3	11.3	16.9

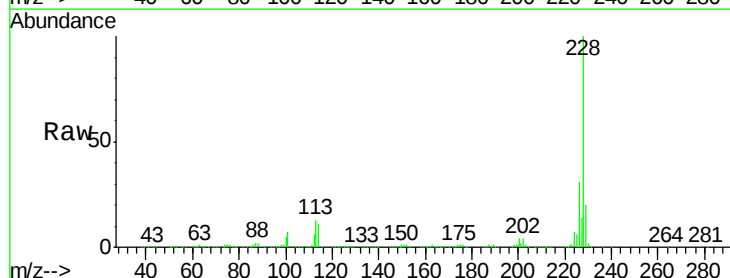


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

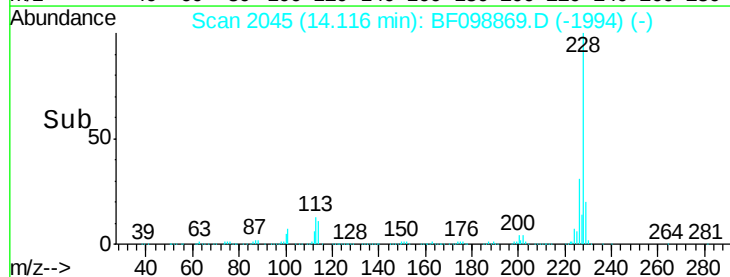
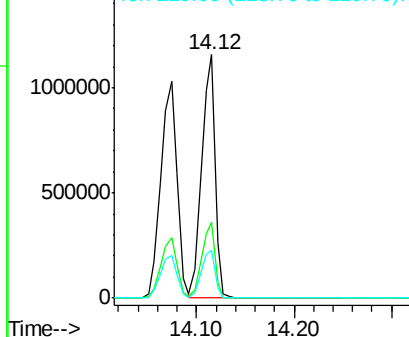


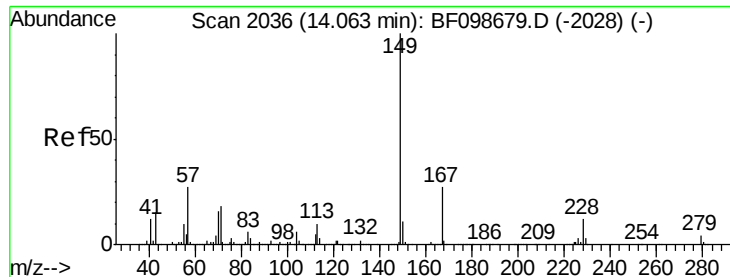
#82
 Chrysene
 Concen: 42.42 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.9	16.2	24.4



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: 40.80 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

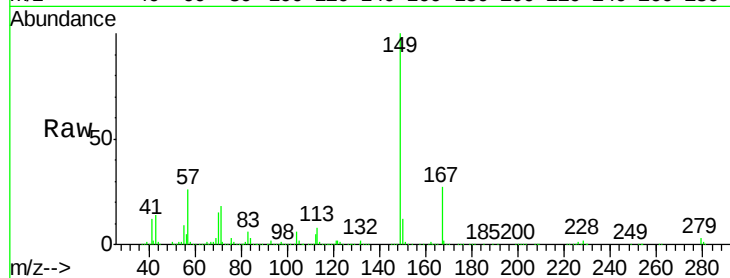
Tot Ion:149 Resp: 901243

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

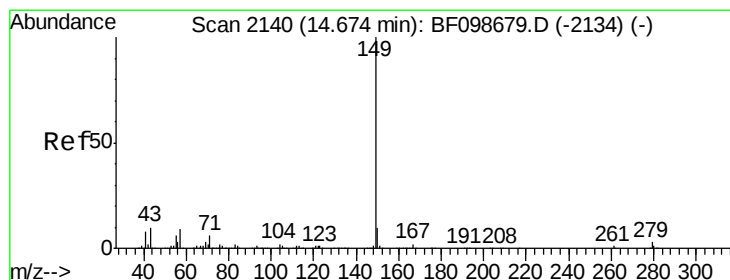
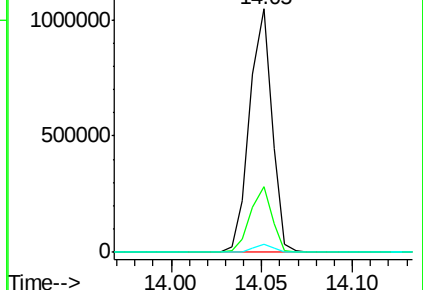
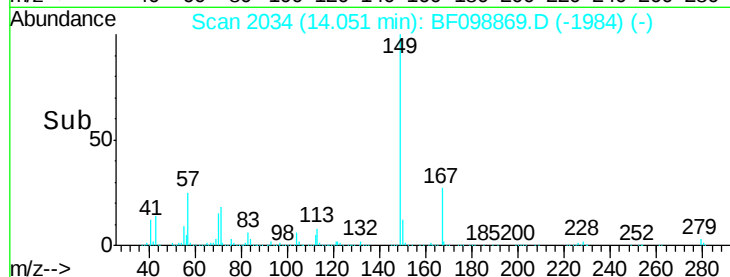
279 3.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.22 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

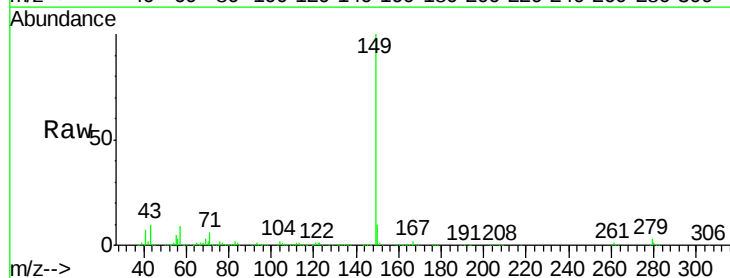
Tgt Ion:149 Resp: 1537473

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

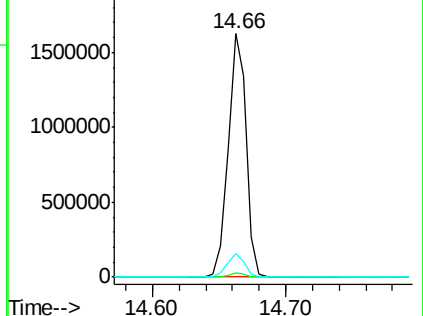
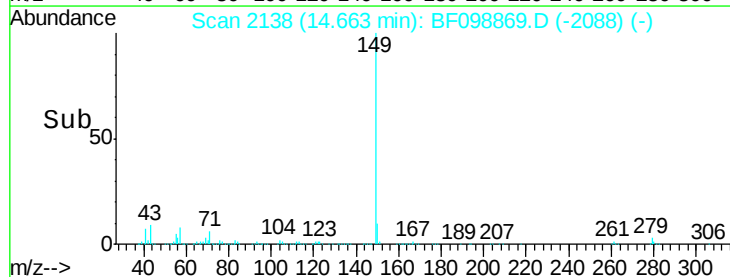
43 9.3 8.4 12.6

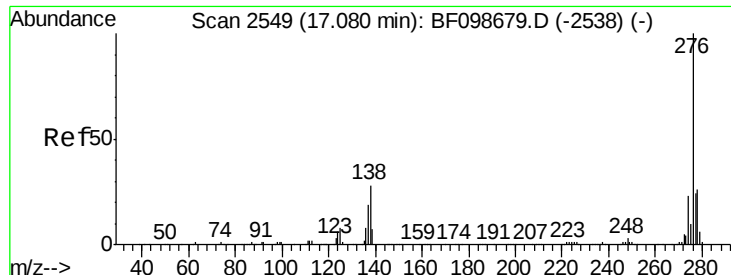


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



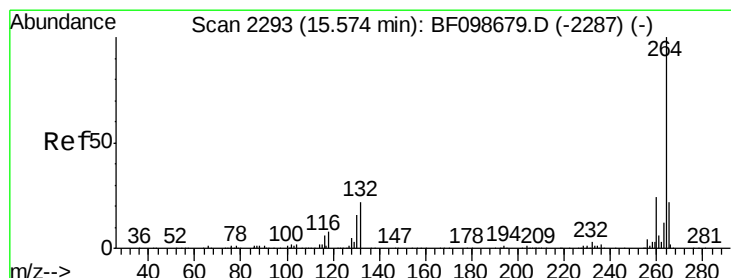
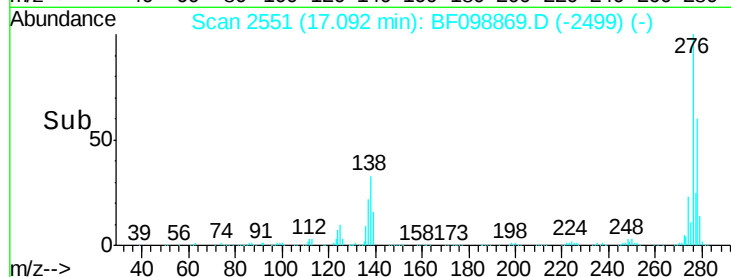
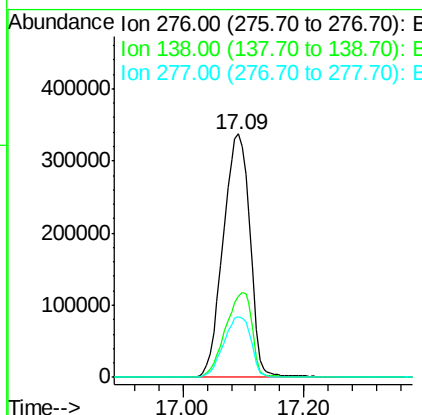
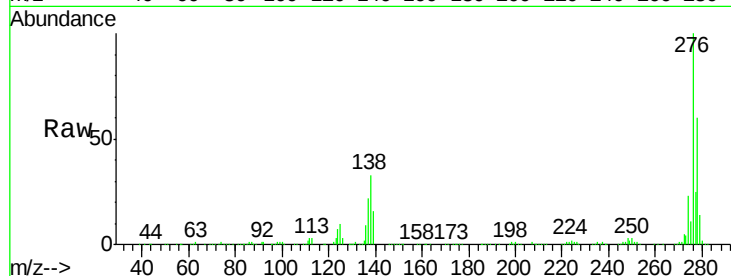


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.46 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1041712

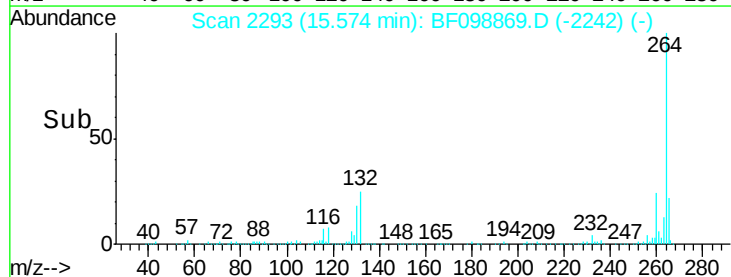
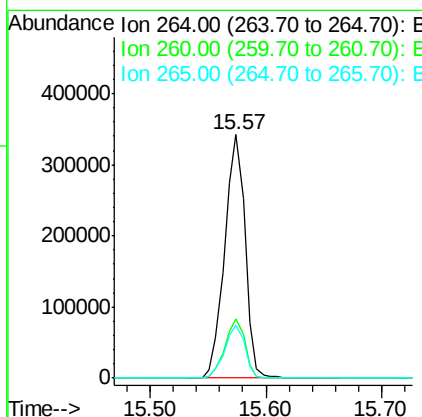
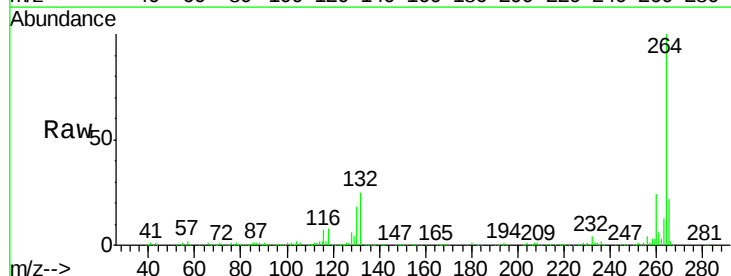
Ion	Ratio	Lower	Upper
276	100		
138	34.8	25.0	37.6
277	25.4	20.1	30.1

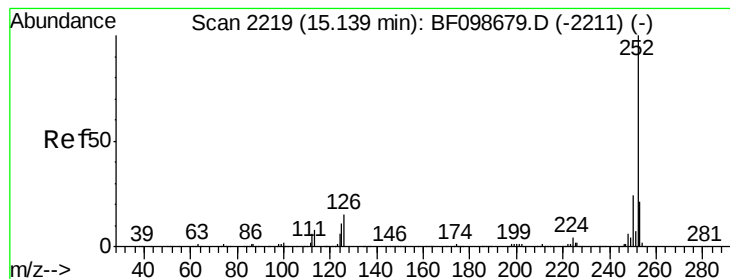


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Tgt Ion:264 Resp: 420274

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 43.58 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

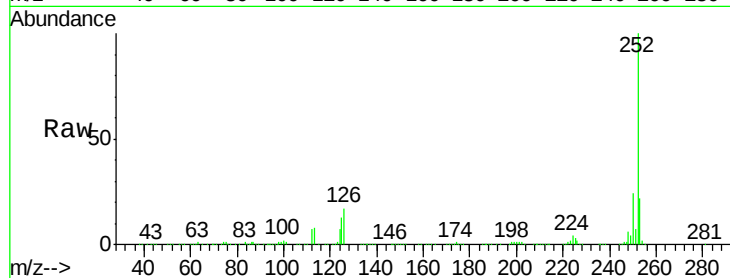
Tot Ion:252 Resp: 1126124

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

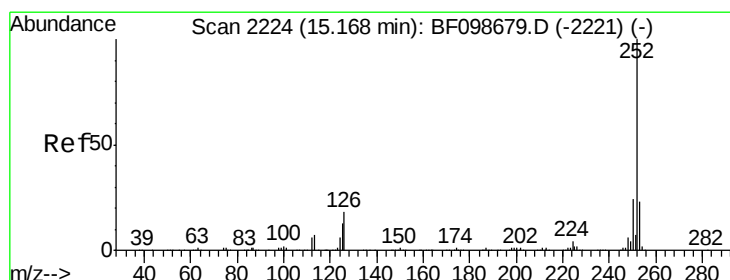
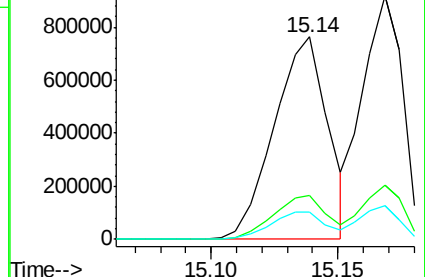
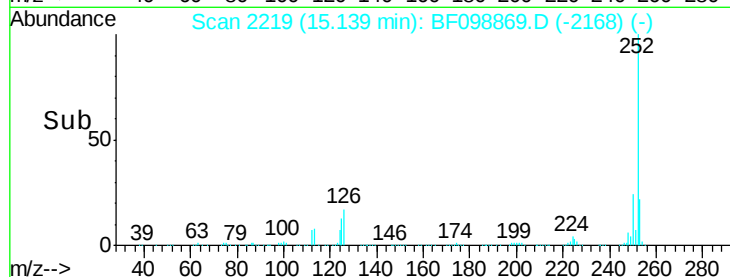
125 13.2 9.0 13.6



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: 40.54 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF098869.D

Acq: 27 Sep 2017 18:13

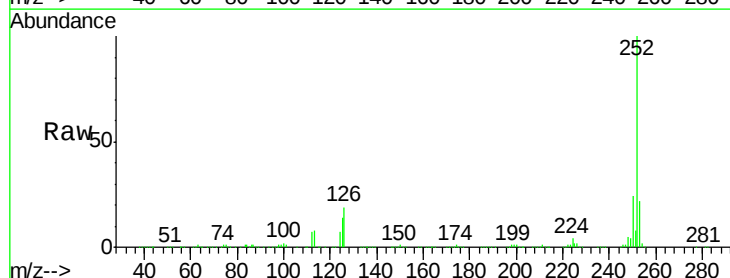
Tgt Ion:252 Resp: 1034718

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

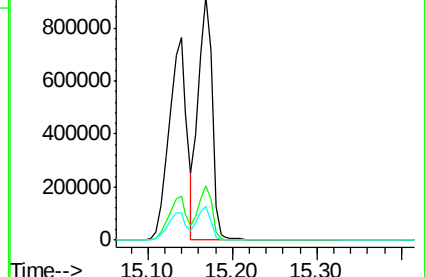
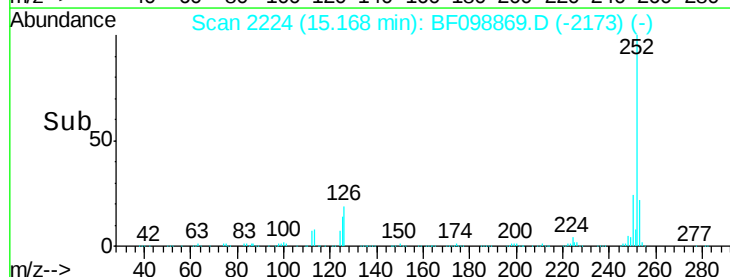
125 13.6 10.2 15.2

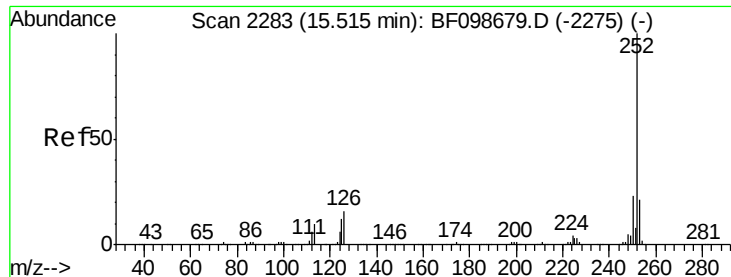


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

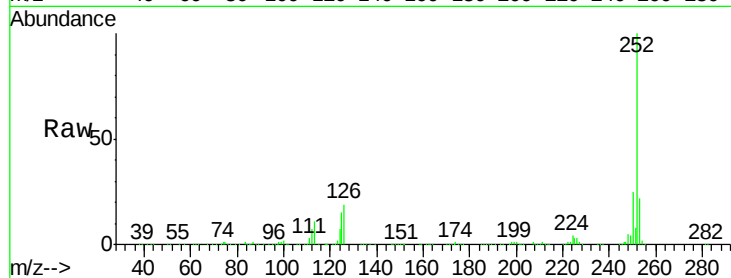




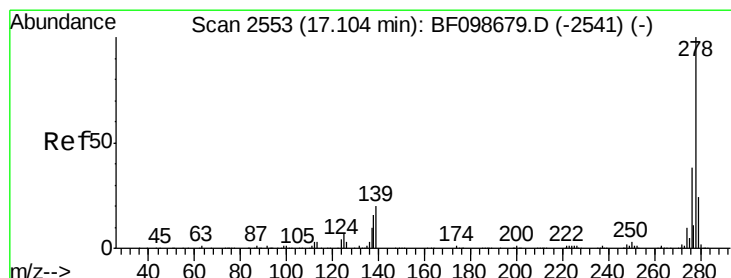
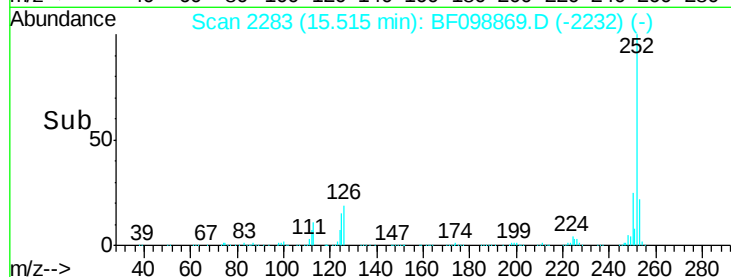
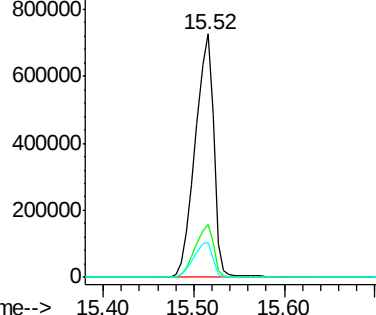
#89
Benzo(a)pyrene
Concen: 43.74 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1037564
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 14.6 9.8 14.6

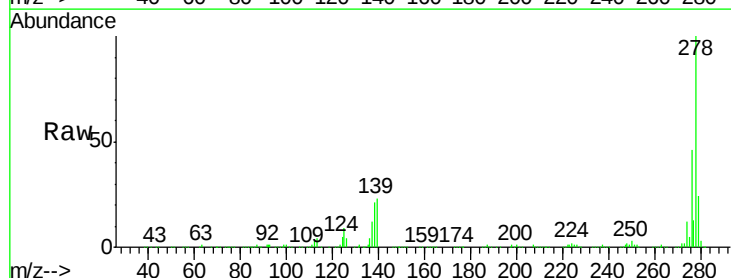


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

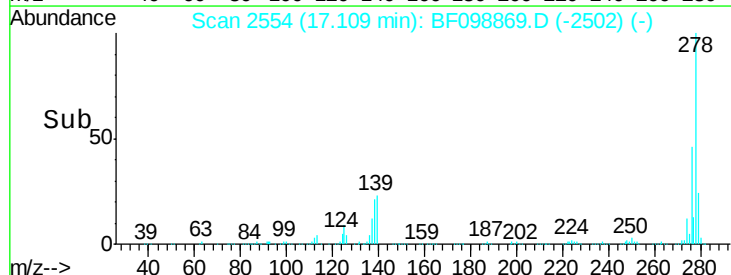
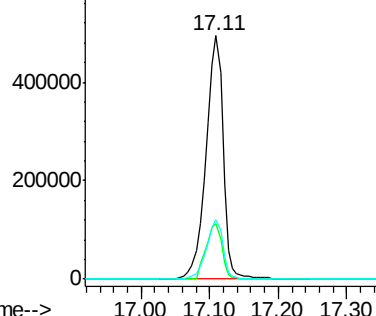


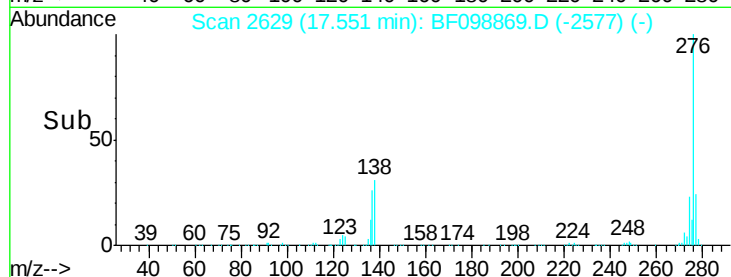
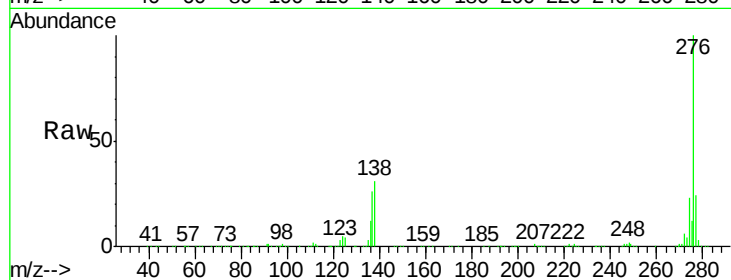
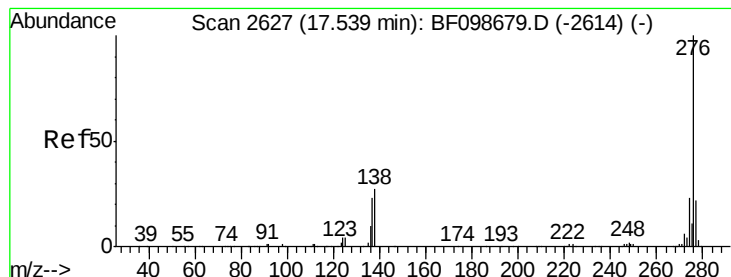
#90
Dibenzo(a,h)anthracene
Concen: 45.15 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF098869.D
Acq: 27 Sep 2017 18:13

Tgt Ion:278 Resp: 857019
Ion Ratio Lower Upper
278 100
139 22.9 15.9 23.9
279 24.2 19.0 28.4



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





#91
 Benzo(a,h,i)perylene
 Concen: 46.09 ng
 RT: 17.55 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: BF098869.D
 Acq: 27 Sep 2017 18:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	31.2	21.8	32.8

