

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
 Data File : BF093883.D
 Acq On : 23 Mar 2017 17:15
 Operator : SJ/MA
 Sample : I2362-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Quant Time: Mar 24 01:05:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	165156	20.00	ng	-0.01
21) Naphthalene-d8	7.48	136	663274	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	298260	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	510671	20.00	ng	-0.01
75) Chrysene-d12	14.70	240	311691	20.00	ng	-0.01
86) Perylene-d12	16.34	264	264544	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	702200	71.81	ng	0.00
7) Phenol-d6	5.56	99	573715	47.43	ng	-0.01
23) Nitrobenzene-d5	6.63	82	1073025	92.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	358833	152.25	ng	0.00
44) 2-Fluorobiphenyl	8.81	172	1875518	95.91	ng	-0.01
78) Terphenyl-d14	13.43	244	1449982	104.27	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.38	88	80684	17.18	ng 99
3) Pyridine	2.87	79	127785	9.98	ng 100
4) n-Nitrosodimethylamine	2.80	42	100726	19.12	ng 94
6) Aniline	5.59	93	184894	10.99	ng 96
8) 2-Chlorophenol	5.73	128	416969	38.80	ng 97
9) Benzaldehyde	5.46	77	152487	18.67	ng 99
10) Phenol	5.57	94	225172	16.36	ng 88
11) bis(2-Chloroethyl)ether	5.67	93	466569	43.37	ng 99
12) 1,3-Dichlorobenzene	5.91	146	475321	39.43	ng 99
13) 1,4-Dichlorobenzene	5.99	146	481782	39.46	ng 96
14) 1,2-Dichlorobenzene	6.17	146	450589	40.07	ng 98
15) Benzyl Alcohol	6.13	79	288236	32.55	ng 98
16) 2,2'-oxybis(1-Chloropropan	6.30	45	691139	41.69	ng 99
17) 2-Methylphenol	6.27	107	292767	31.81	ng 98
18) Hexachloroethane	6.57	117	165157	38.48	ng # 86
19) n-Nitroso-di-n-propylamine	6.46	70	357689	46.01	ng 98
20) 3+4-Methylphenols	6.45	107	314269	28.19	ng 94
22) Acetophenone	6.45	105	678214	45.88	ng 92
24) Nitrobenzene	6.65	77	514250	44.86	ng 96
25) Isophorone	6.93	82	954082	46.72	ng 97
26) 2-Nitrophenol	7.02	139	272727	49.89	ng 96
27) 2,4-Dimethylphenol	7.08	122	404055	42.90	ng 98
28) bis(2-Chloroethoxy)methane	7.20	93	613851	45.58	ng 100
29) 2,4-Dichlorophenol	7.31	162	401592	45.60	ng 98
30) 1,2,4-Trichlorobenzene	7.42	180	387232	42.69	ng 99
31) Naphthalene	7.51	128	1352226	42.40	ng 100
32) Benzoic acid	7.17	122	82054	13.09	ng 97
33) 4-Chloroaniline	7.56	127	104108	8.05	ng 94
34) Hexachlorobutadiene	7.66	225	188519	40.53	ng 98
35) Caprolactam	8.00	113	14924	5.31	ng 90
36) 4-Chloro-3-methylphenol	8.16	107	397339	43.18	ng 89
37) 2-Methylnaphthalene	8.35	142	961960	45.25	ng 98
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	349759	42.87	ng 99
40) Hexachlorocyclopentadiene	8.55	237	303665	79.53	ng 98

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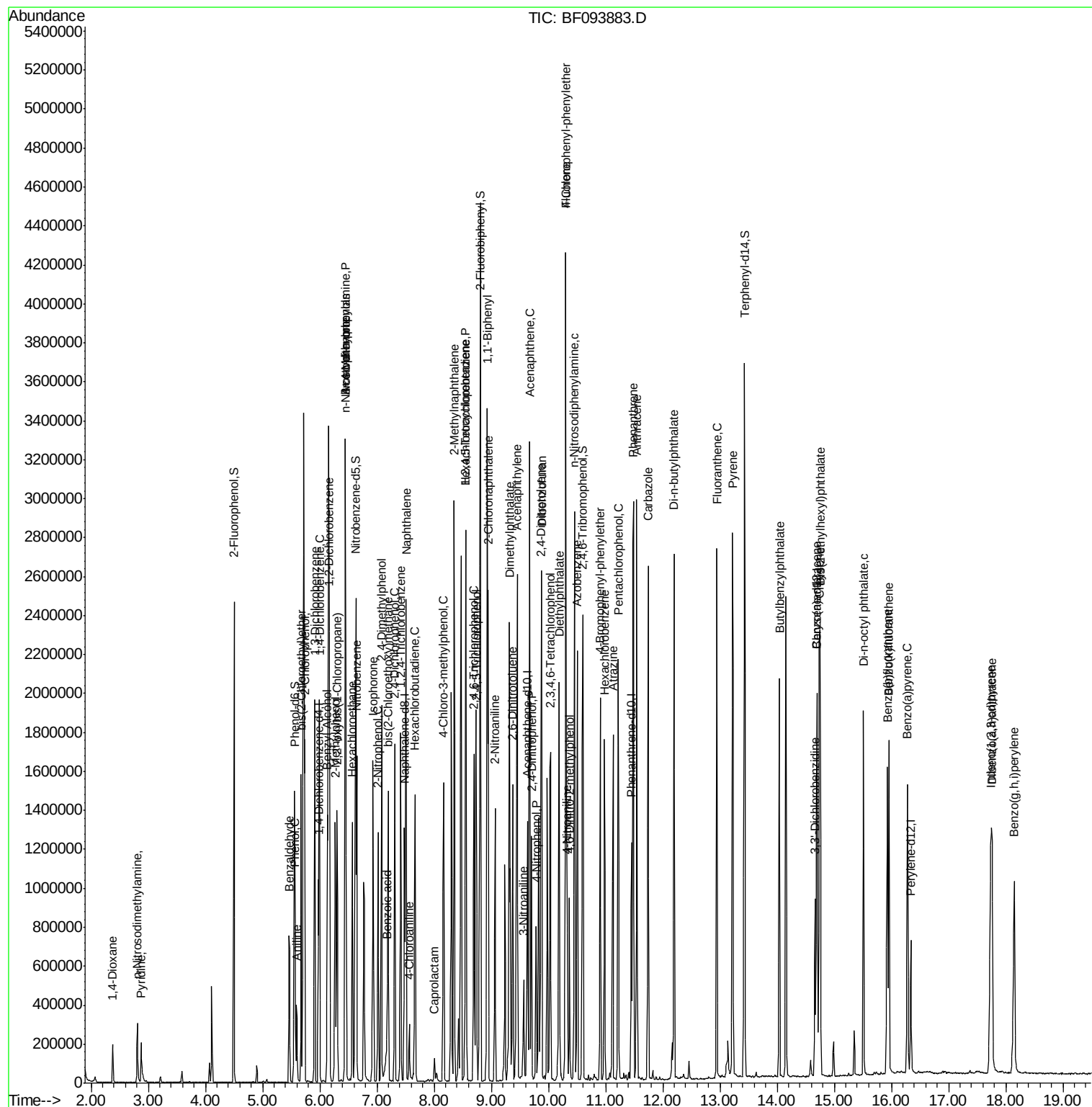
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	286301	49.60	nq	99
43) 2,4,5-Trichlorophenol	8.74	196	279118	44.69	nq	94
45) 1,1'-Biphenyl	8.93	154	1085202	45.11	nq	98
46) 2-Chloronaphthalene	8.95	162	862721	45.81	nq	95
47) 2-Nitroaniline	9.07	65	265985	47.61	nq	# 81
48) Acenaphthylene	9.46	152	1399698	44.72	nq	99
49) Dimethylphthalate	9.32	163	1041743	49.14	nq	100
50) 2,6-Dinitrotoluene	9.37	165	238036	48.98	nq	# 89
51) Acenaphthene	9.67	154	829375	45.41	nq	99
52) 3-Nitroaniline	9.57	138	90408	15.84	nq	94
53) 2,4-Dinitrophenol	9.70	184	173901	67.63	nq	# 74
54) Dibenzofuran	9.88	168	1219124	49.04	nq	98
55) 4-Nitrophenol	9.79	139	151459	33.89	nq	# 74
56) 2,4-Dinitrotoluene	9.87	165	304711	49.91	nq	# 79
57) Fluorene	10.30	166	900252	43.67	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	211581	49.37	nq	98
59) Diethylphthalate	10.19	149	1009550	48.18	nq	98
60) 4-Chlorophenyl-phenylether	10.31	204	387233	44.09	nq	92
61) 4-Nitroaniline	10.33	138	217541	39.72	nq	94
62) Azobenzene	10.50	77	996523	50.27	nq	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	129794	41.50	nq	# 75
65) n-Nitrosodiphenylamine	10.46	169	843831	47.78	nq	98
66) 4-Bromophenyl-phenylether	10.91	248	242917	48.37	nq	99
67) Hexachlorobenzene	10.98	284	249643	49.10	nq	# 87
68) Atrazine	11.13	200	245677	46.45	nq	97
69) Pentachlorophenol	11.22	266	252806	79.89	nq	100
70) Phenanthrene	11.49	178	1320209	46.47	nq	98
71) Anthracene	11.55	178	1366792	46.73	nq	99
72) Carbazole	11.74	167	1246561	41.56	nq	99
73) Di-n-butylphthalate	12.20	149	1532925	49.15	nq	99
74) Fluoranthene	12.94	202	1283629	44.13	nq	99
77) Pyrene	13.22	202	1265044	55.92	nq	100
79) Butylbenzylphthalate	14.04	149	552069	57.28	nq	# 84
80) Benzo(a)anthracene	14.69	228	858671	47.24	nq	99
81) 3,3'-Dichlorobenzidine	14.66	252	183429	28.23	nq	# 97
82) Chrysene	14.74	228	761422	45.14	nq	99
83) Bis(2-ethylhexyl)phthalate	14.76	149	702132	53.40	nq	# 99
84) Di-n-octyl phthalate	15.51	149	1024748	46.65	nq	98
85) Indeno(1,2,3-cd)pyrene	17.74	276	873903	59.82	nq	98
87) Benzo(b)fluoranthene	15.93	252	713813	44.02	nq	97
88) Benzo(k)fluoranthene	15.96	252	725618	45.73	nq	97
89) Benzo(a)pyrene	16.28	252	716929	48.01	nq	98
90) Dibenzo(a,h)anthracene	17.76	278	724993	57.33	nq	98
91) Benzo(g,h,i)perylene	18.15	276	755776	59.30	nq	99

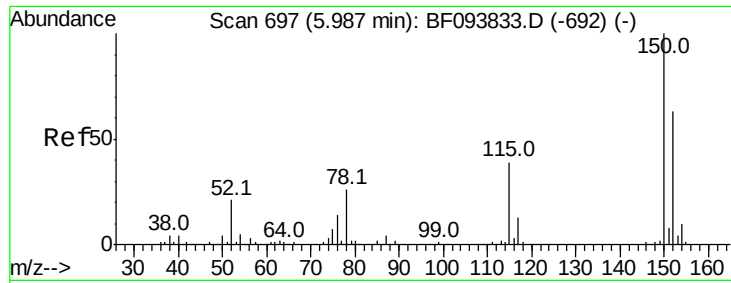
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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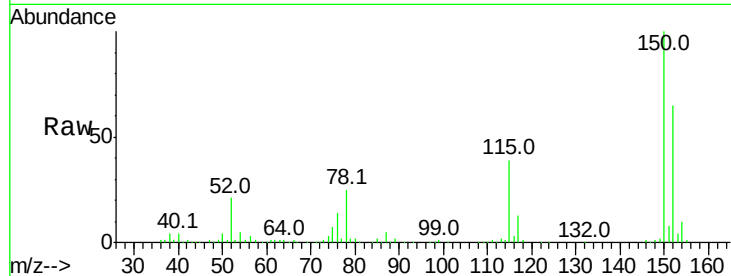


#1

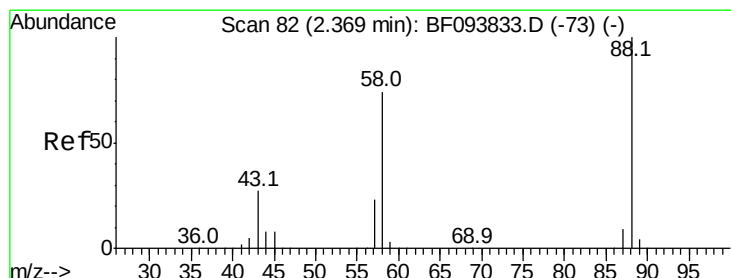
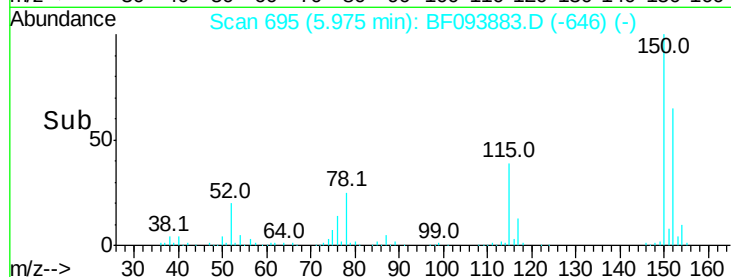
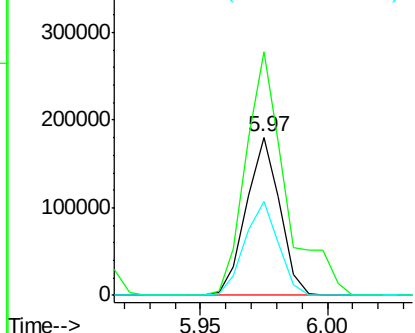
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.97 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tot Ion:152 Resp: 165156
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 59.5 52.2 78.2



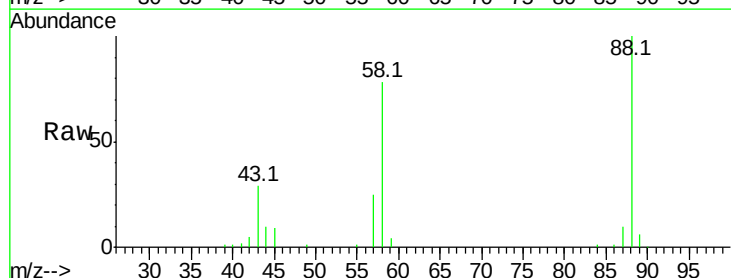
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



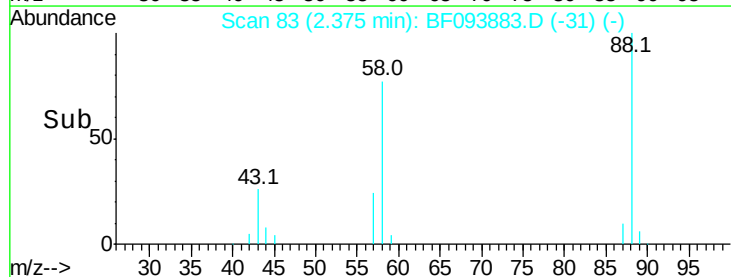
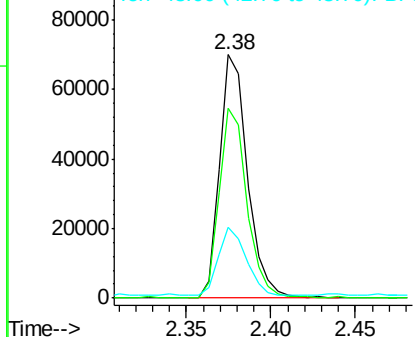
#2

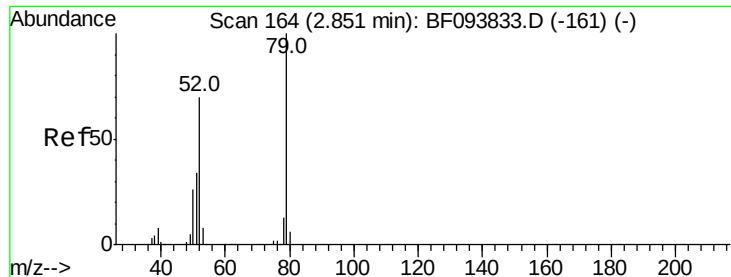
1,4-Dioxane
Concen: 17.18 ng
RT: 2.38 min Scan# 83
Delta R.T. 0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion: 88 Resp: 80684
Ion Ratio Lower Upper
88 100
58 77.4 61.4 92.0
43 28.8 23.4 35.0



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





#3

Pvridine

Concen: 9.98 ng

RT: 2.87 min Scan# 167

Delta R.T. 0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

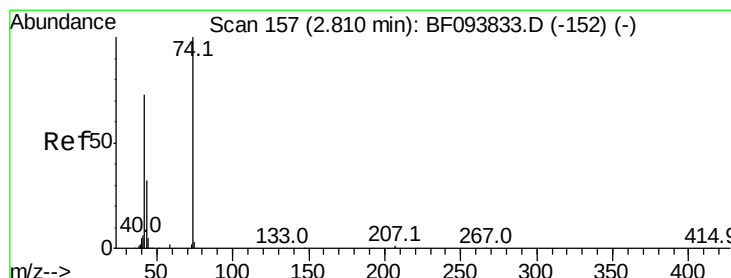
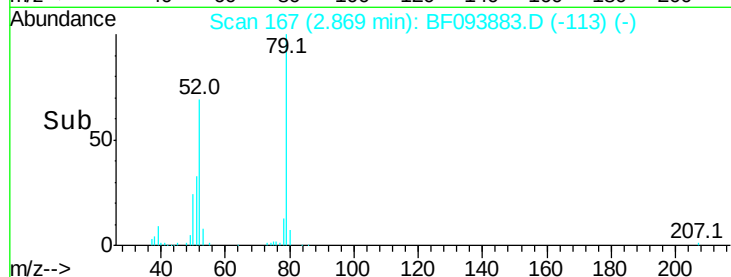
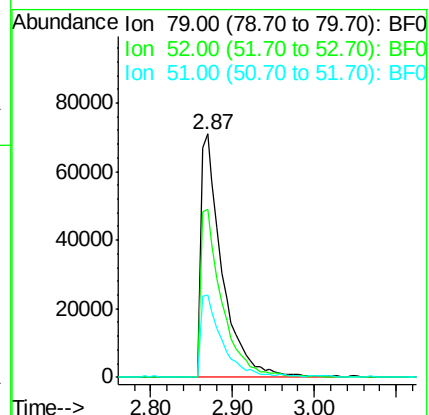
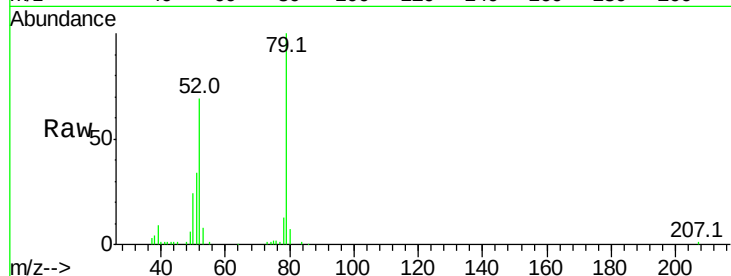
Tot Ion: 79 Resp: 127785

Ion Ratio Lower Upper

79 100

52 69.1 54.8 82.2

51 33.7 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 19.12 ng

RT: 2.80 min Scan# 156

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

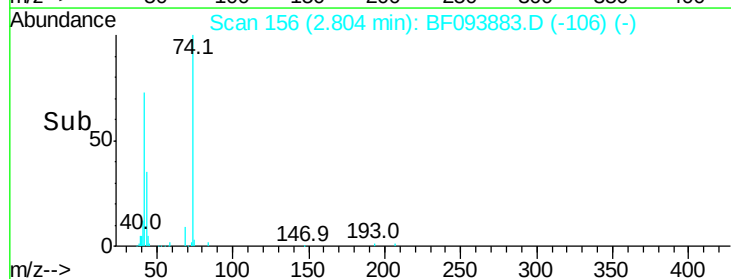
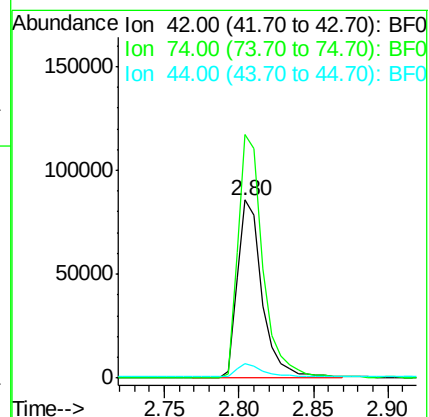
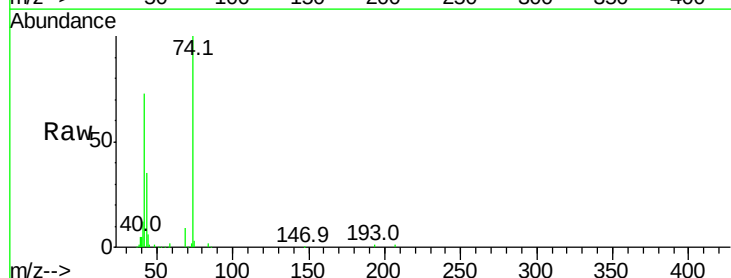
Tgt Ion: 42 Resp: 100726

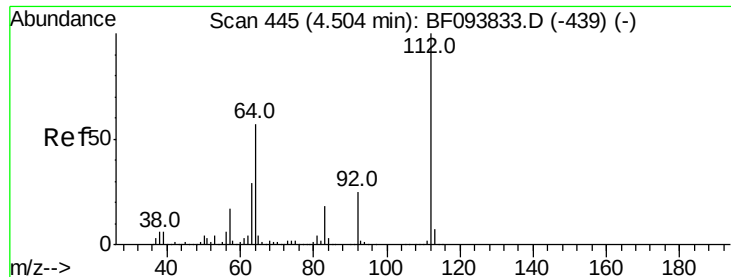
Ion Ratio Lower Upper

42 100

74 136.9 103.9 155.9

44 7.8 5.7 8.5





#5

2-Fluorophenol

Concen: 71.81 ng

RT: 4.50 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

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S8-0666MSD

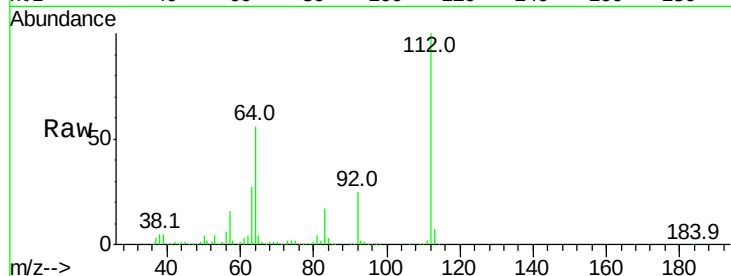
Tot Ion:112 Resp: 702200

Ion Ratio Lower Upper

112 100

64 56.5 46.0 69.0

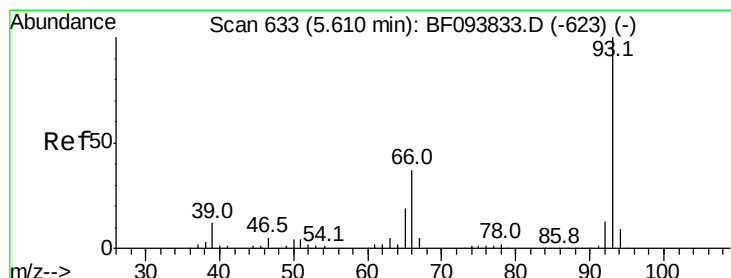
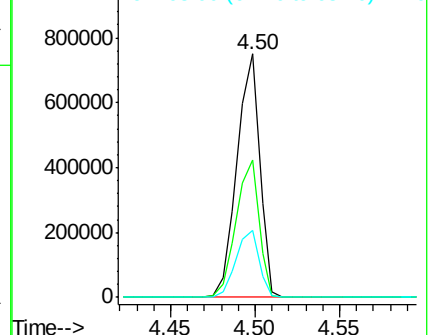
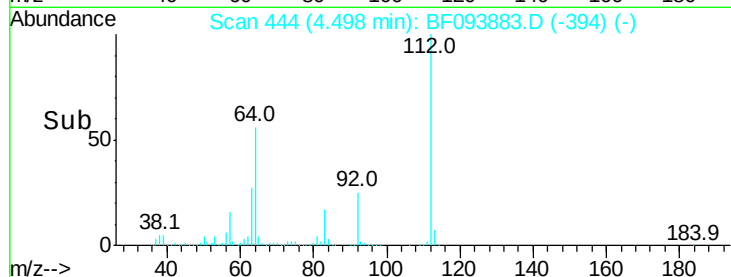
63 27.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.99 ng

RT: 5.59 min Scan# 630

Delta R.T. -0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

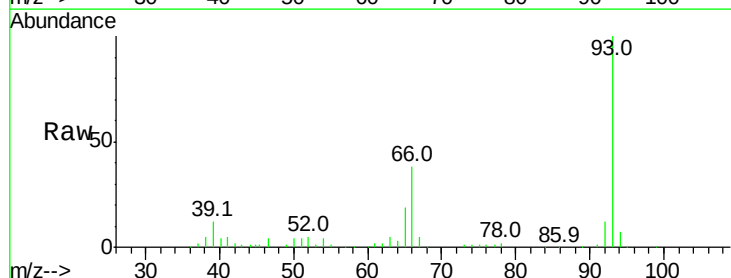
Tgt Ion: 93 Resp: 184894

Ion Ratio Lower Upper

93 100

66 37.5 32.9 49.3

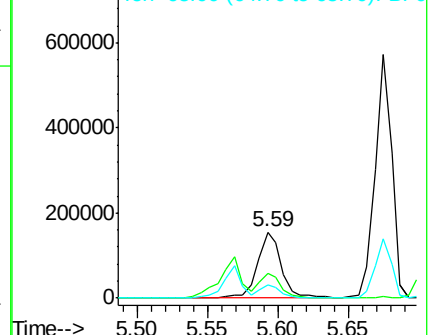
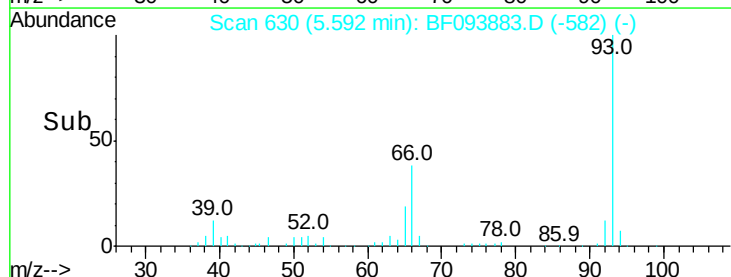
65 19.2 16.0 24.0

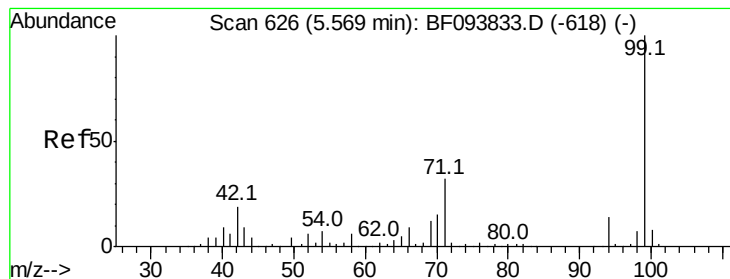


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 47.43 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

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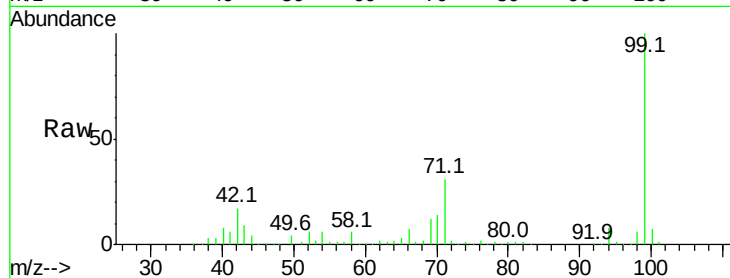
Tot Ion: 99 Resp: 573715

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

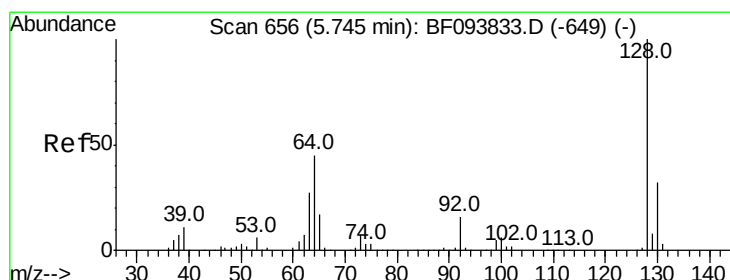
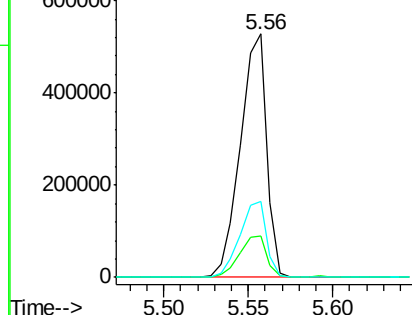
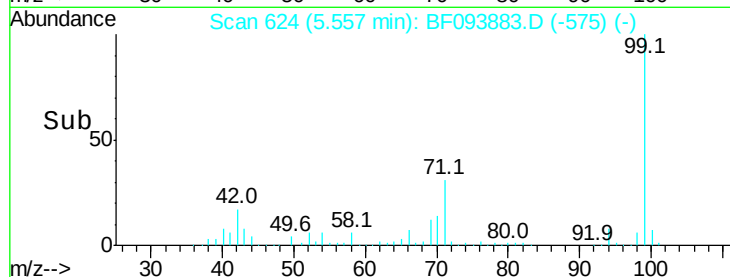
71 31.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.80 ng

RT: 5.73 min Scan# 654

Delta R.T. -0.01 min

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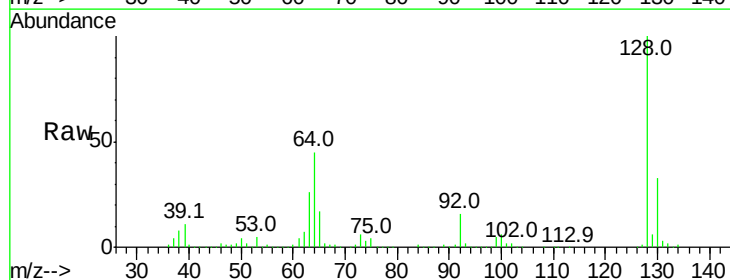
Tgt Ion: 128 Resp: 416969

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

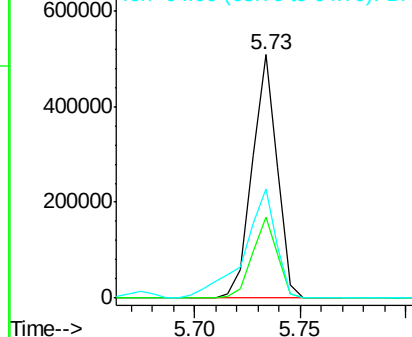
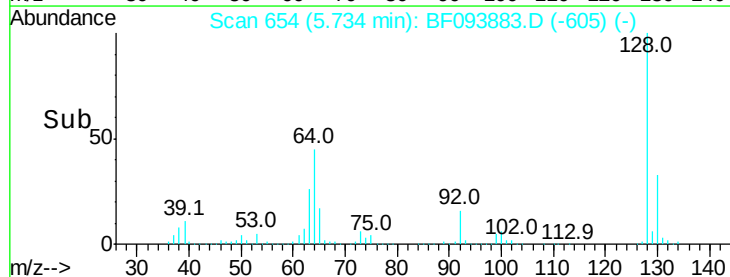
64 45.0 28.4 68.4

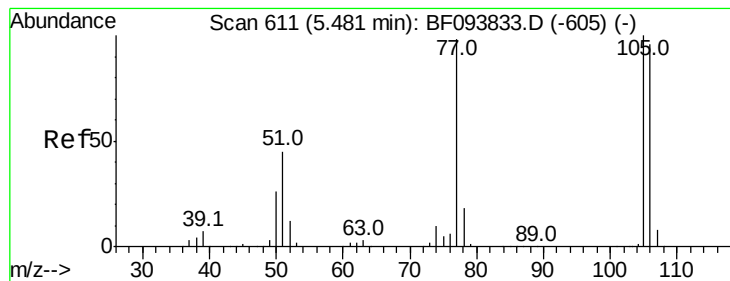


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.67 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.02 min

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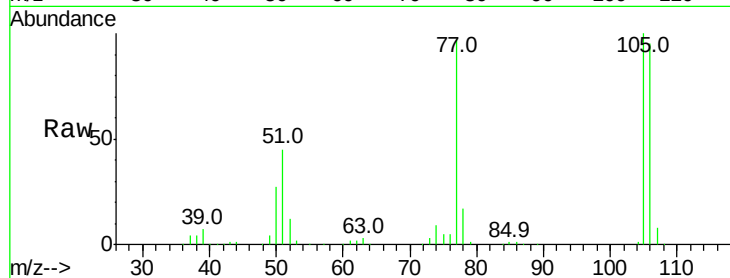
Tot Ion: 77 Resp: 152487

Ion Ratio Lower Upper

77 100

105 103.2 83.8 123.8

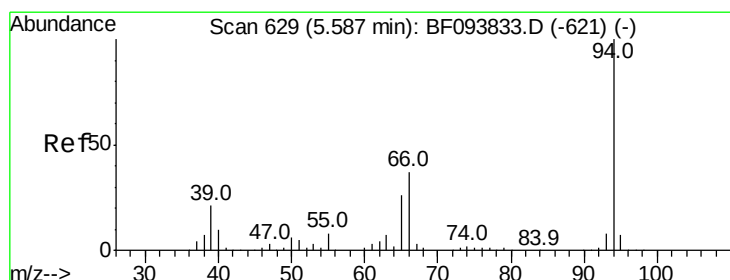
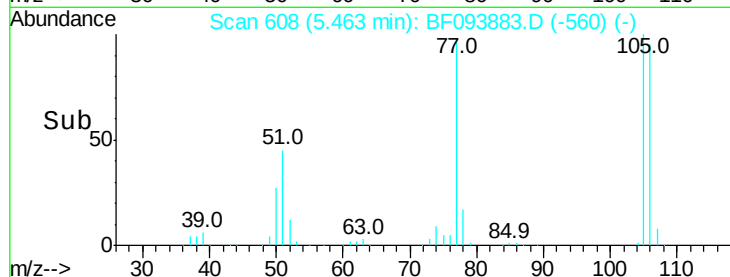
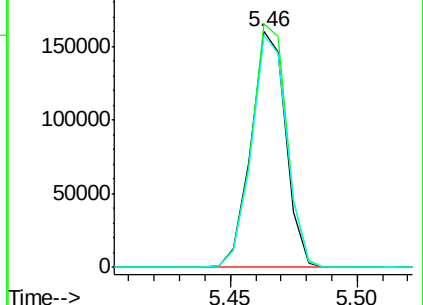
106 98.2 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 16.36 ng

RT: 5.57 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

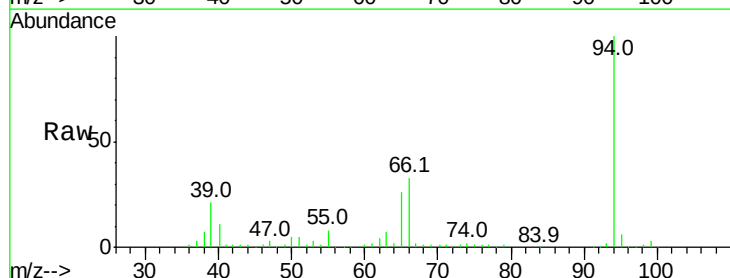
Tgt Ion: 94 Resp: 225172

Ion Ratio Lower Upper

94 100

65 25.7 9.9 49.9

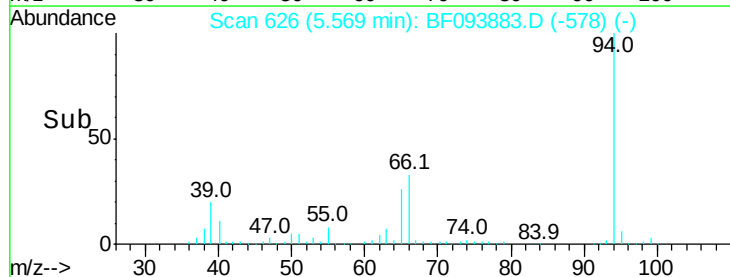
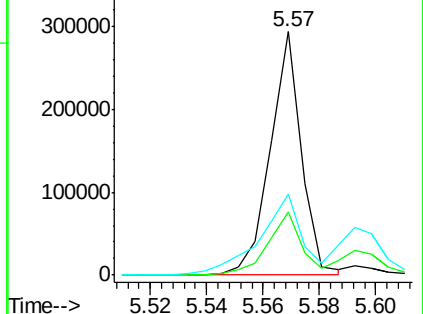
66 33.5 23.1 63.1

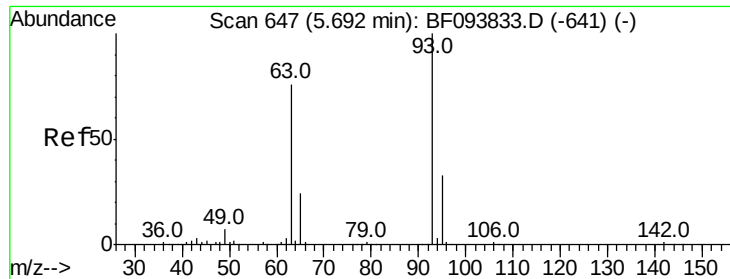


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.37 ng

RT: 5.67 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

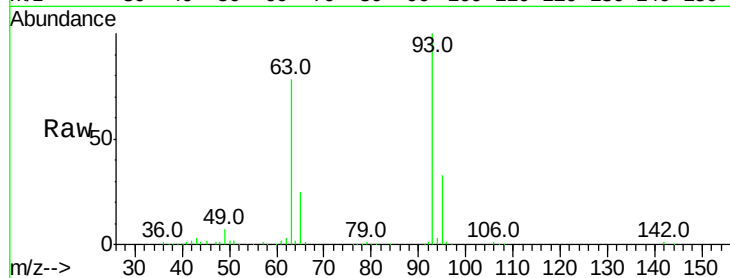
Tot Ion: 93 Resp: 466569

Ion Ratio Lower Upper

93 100

63 78.3 59.2 99.2

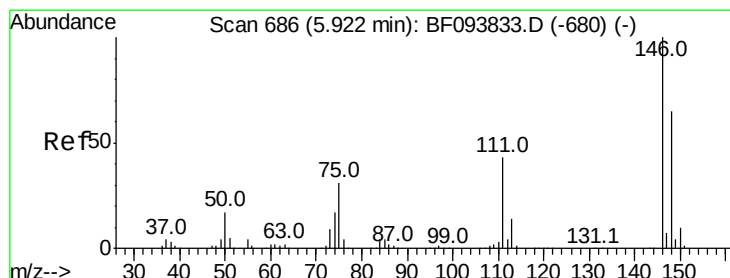
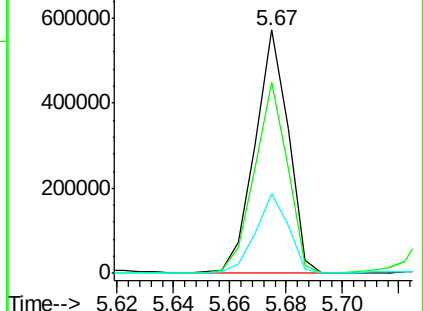
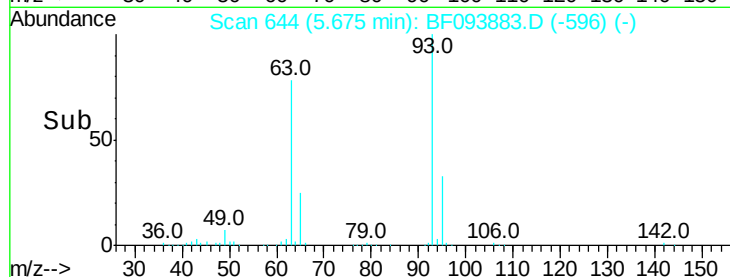
95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.43 ng

RT: 5.91 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

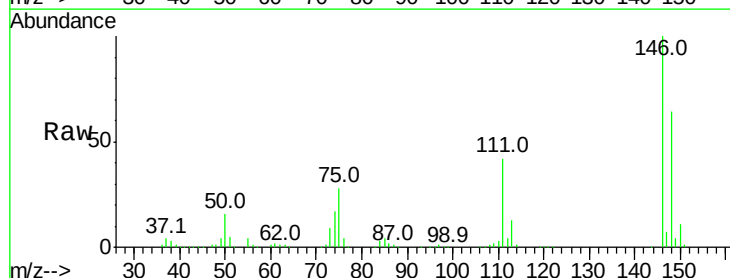
Tgt Ion: 146 Resp: 475321

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

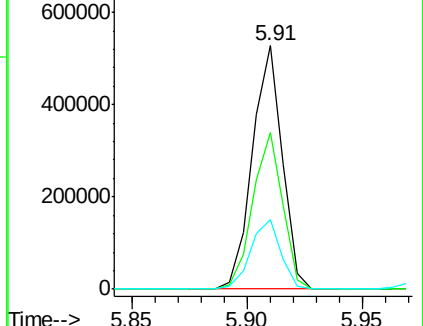
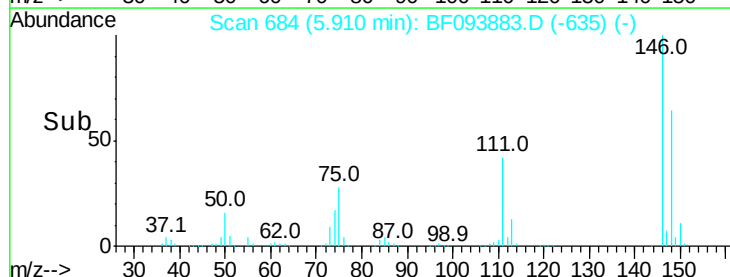
75 28.5 23.1 34.7

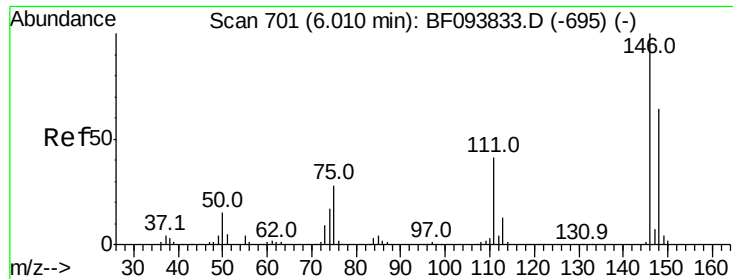


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

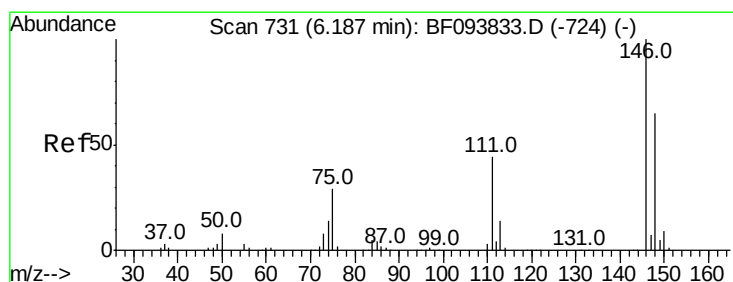
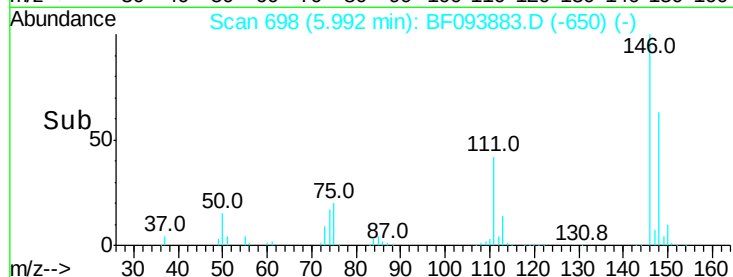
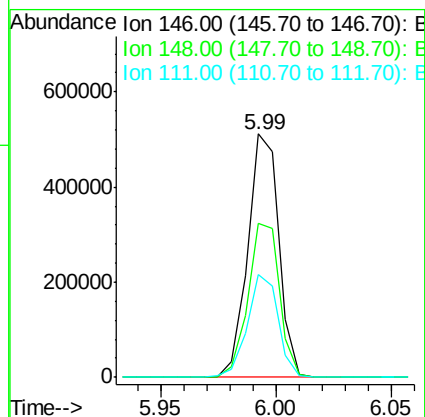
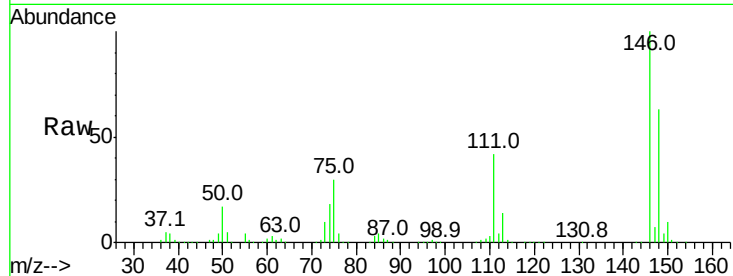




#13
 1,4-Dichlorobenzene
 Concen: 39.46 ng
 RT: 5.99 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

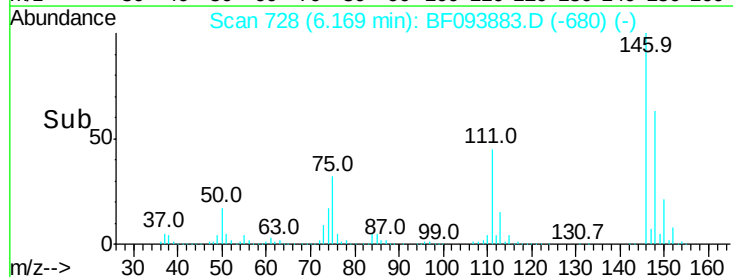
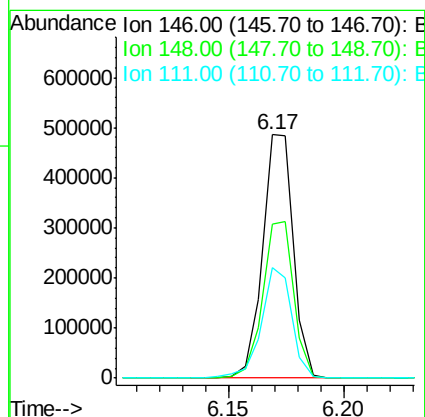
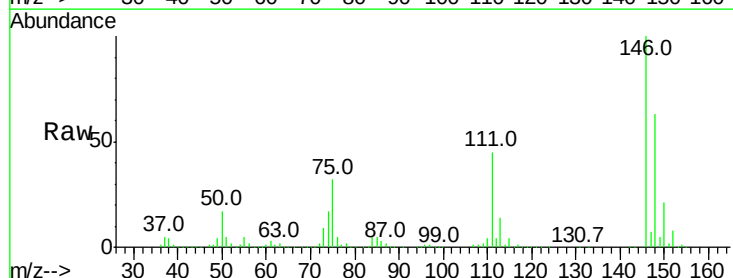
Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

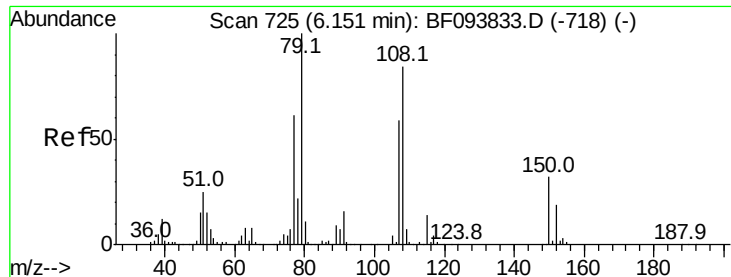
Tot Ion:146 Resp: 481782
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.2
 111 42.4 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.07 ng
 RT: 6.17 min Scan# 728
 Delta R.T. -0.02 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion:146 Resp: 450589
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 45.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 32.55 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

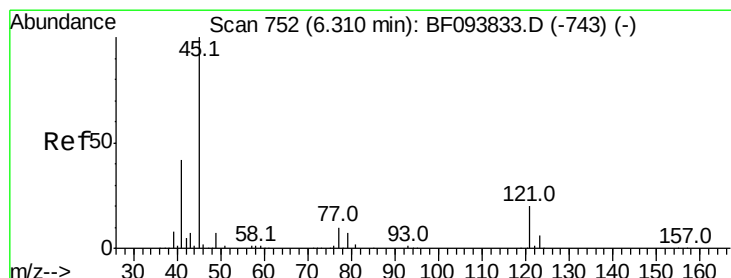
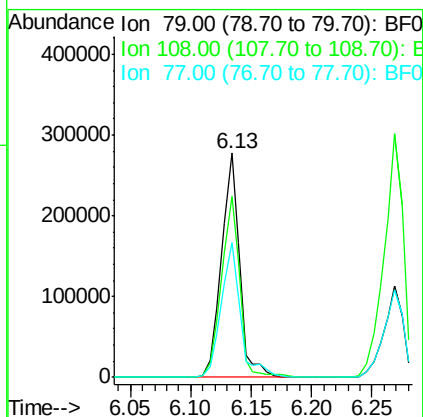
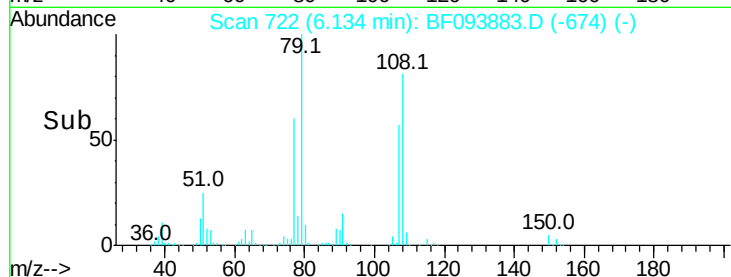
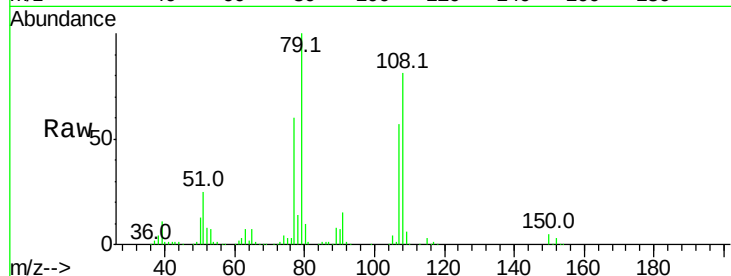
Tot Ion: 79 Resp: 288236

Ion Ratio Lower Upper

79 100

108 80.8 63.4 95.0

77 60.3 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.69 ng

RT: 6.30 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

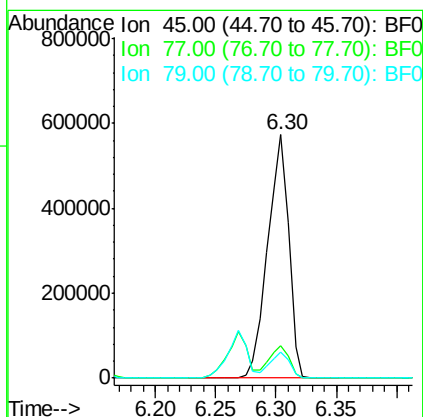
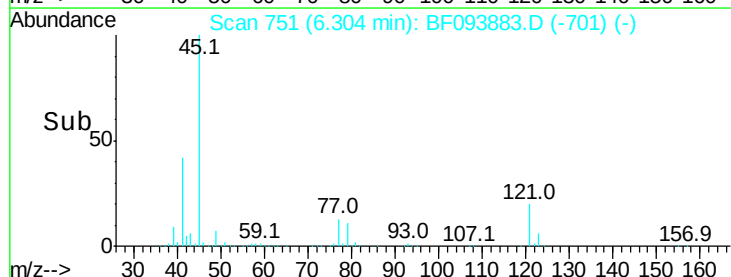
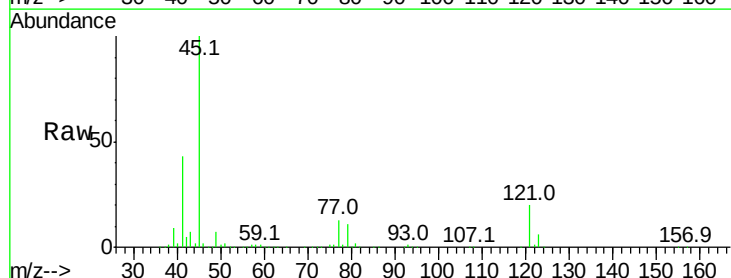
Tgt Ion: 45 Resp: 691139

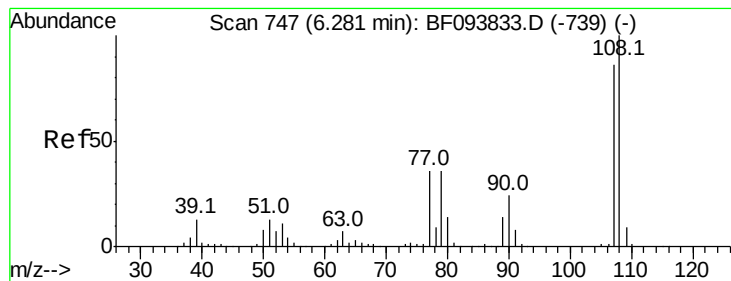
Ion Ratio Lower Upper

45 100

77 13.2 0.0 33.2

79 10.7 0.0 30.0

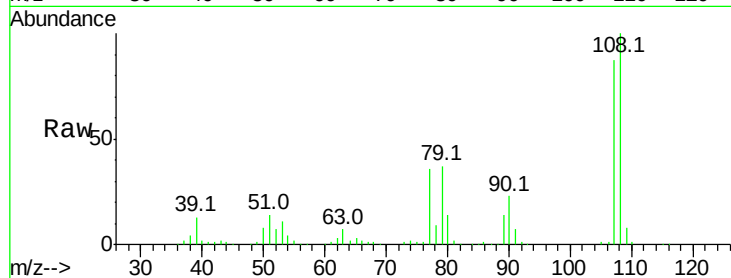




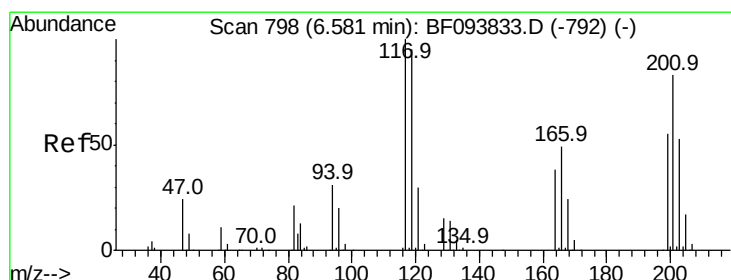
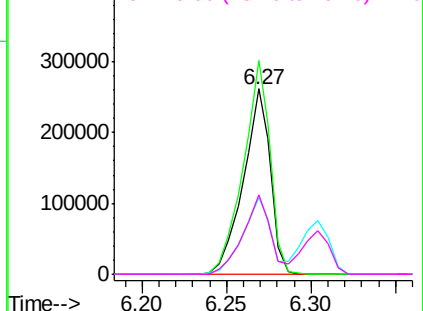
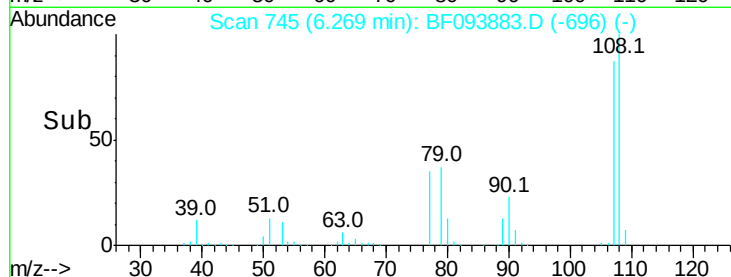
#17
2-Methylphenol
Concen: 31.81 ng
RT: 6.27 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	93.4	140.0
77	41.3	35.8	53.6
79	43.0	34.8	52.2

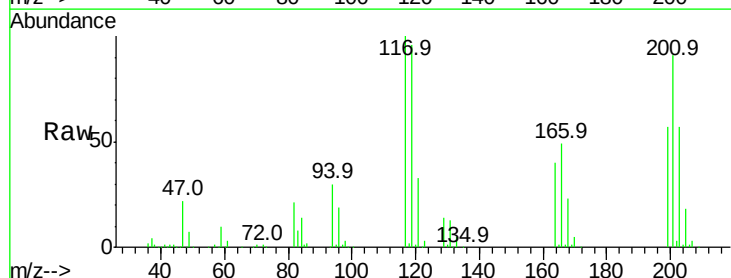


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

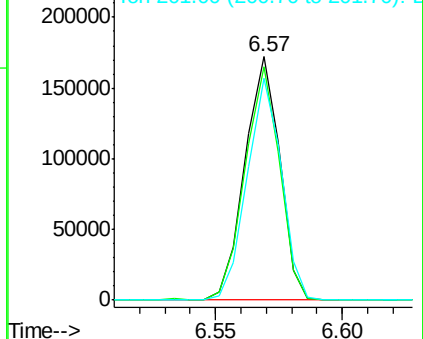
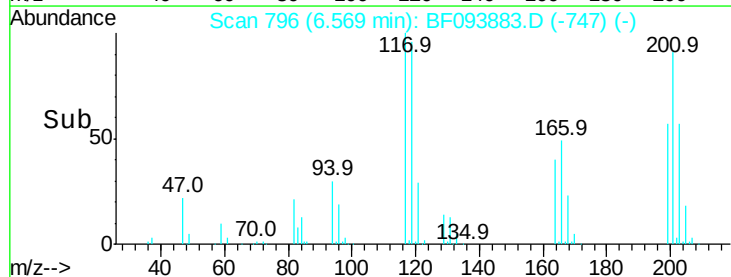


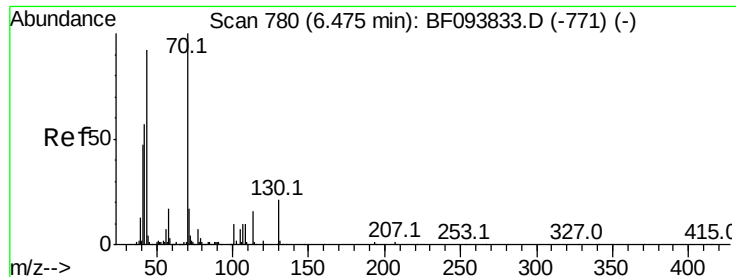
#18
Hexachloroethane
Concen: 38.48 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
201	90.9	94.6	141.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 46.01 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

Tot Ion: 70 Resp: 357689

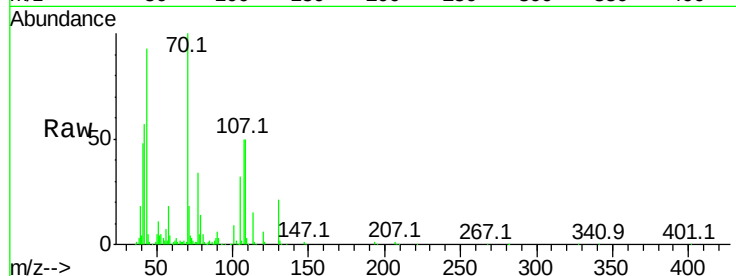
Ion Ratio Lower Upper

70 100

42 57.2 47.2 70.8

101 8.8 7.2 10.8

130 20.8 15.9 23.9



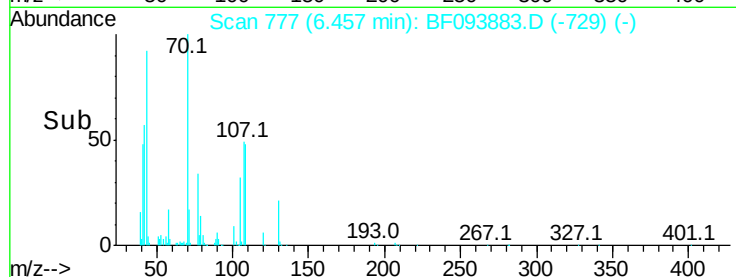
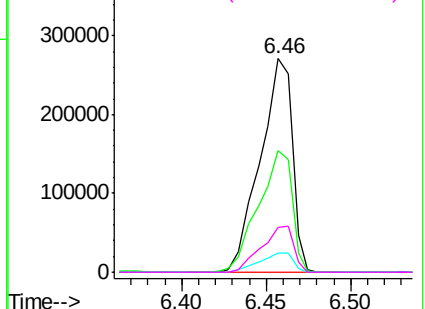
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 28.19 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Tgt Ion:107 Resp: 314269

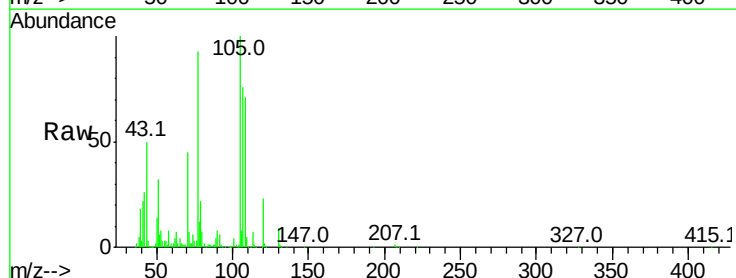
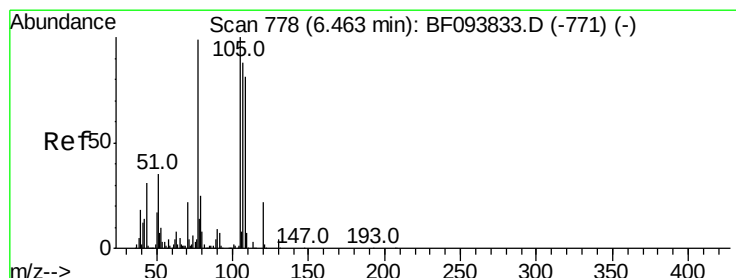
Ion Ratio Lower Upper

107 100

108 93.3 71.0 111.0

77 121.4 90.5 130.5

79 29.2 8.4 48.4



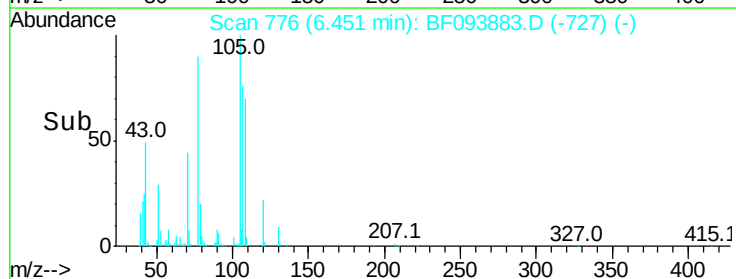
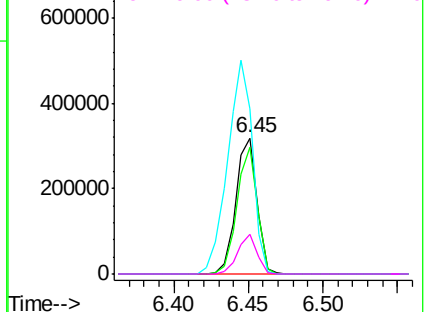
Abundance

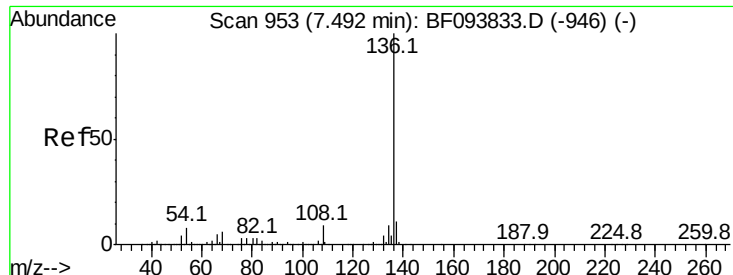
Ion 107.00 (106.70 to 107.70): E

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

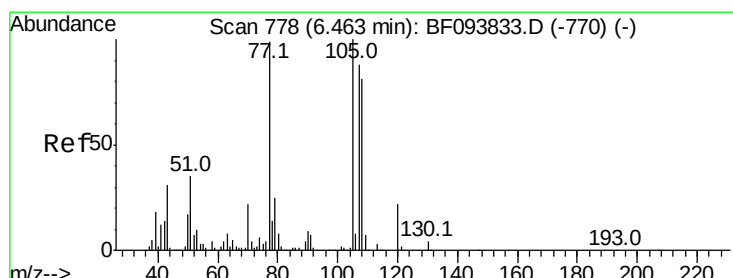
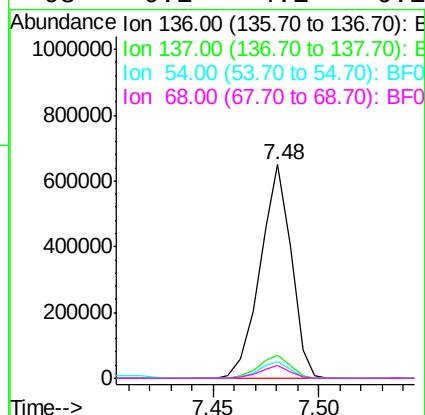
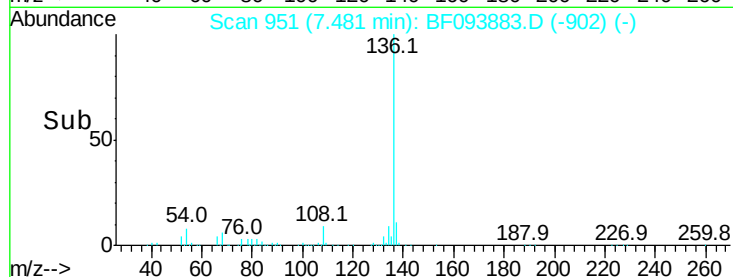
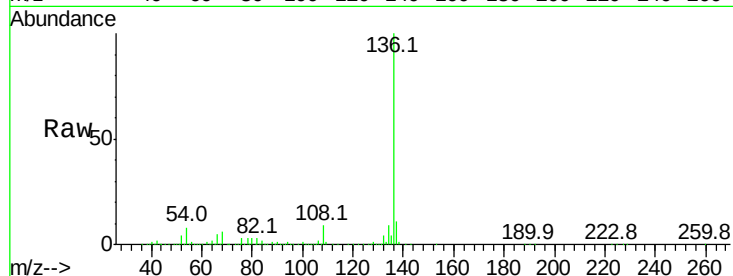




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

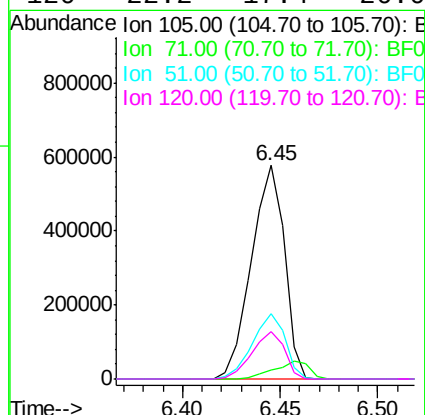
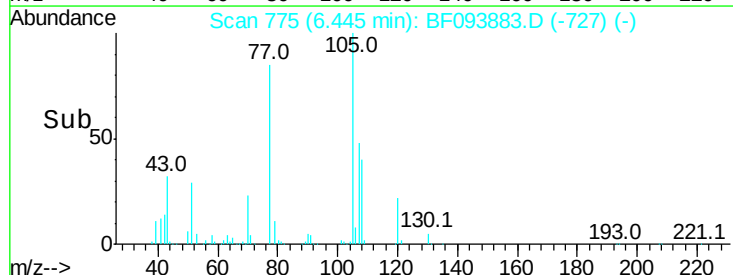
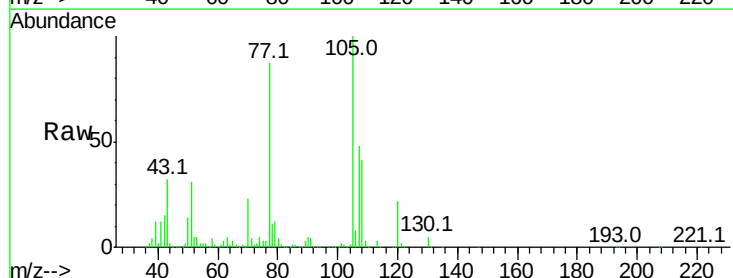
Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

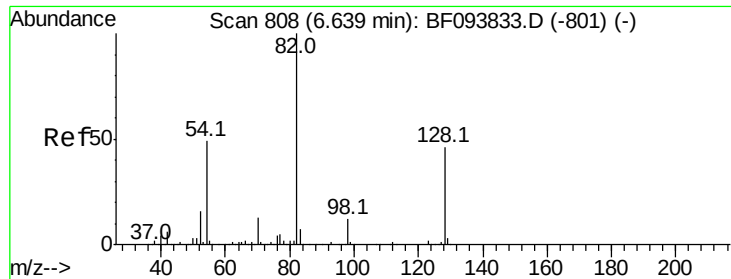
Tot Ion:136	Resp: 663274
Ion Ratio	Lower Upper
136 100	
137 11.1	8.5 12.7
54 7.6	4.9 7.3#
68 6.1	4.1 6.1



#22
Acetophenone
Concen: 45.88 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion:105	Resp: 678214
Ion Ratio	Lower Upper
105 100	
71 4.1	2.8 4.2
51 30.8	30.7 46.1
120 22.2	17.4 26.0

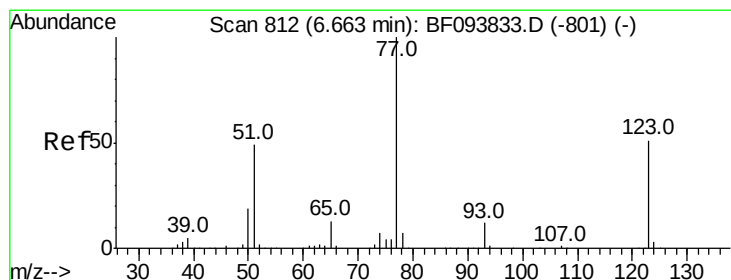
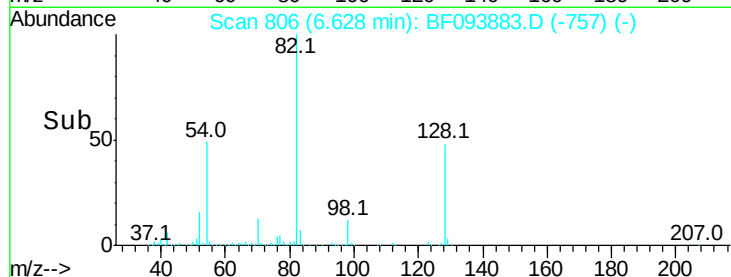
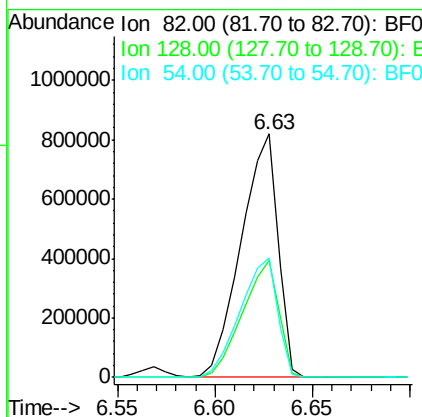
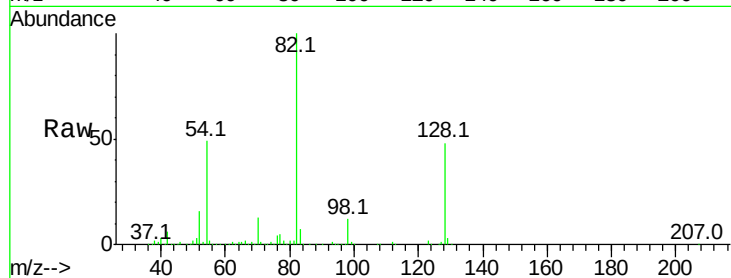




#23
Nitrobenzene-d5
Concen: 92.32 ng
RT: 6.63 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

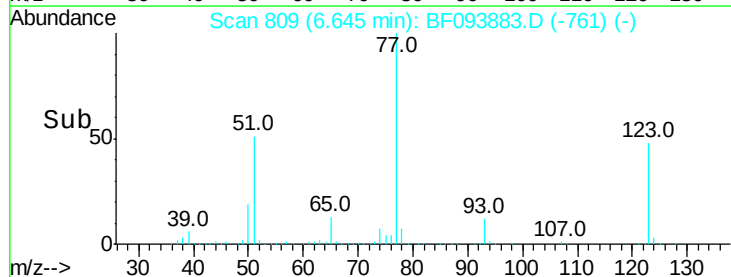
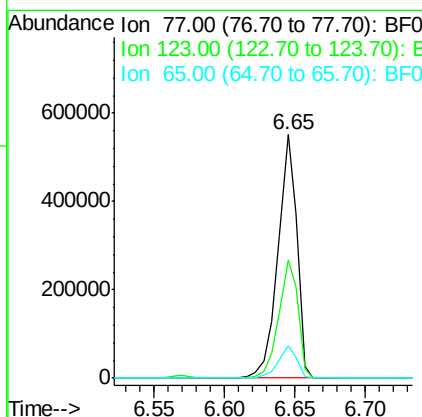
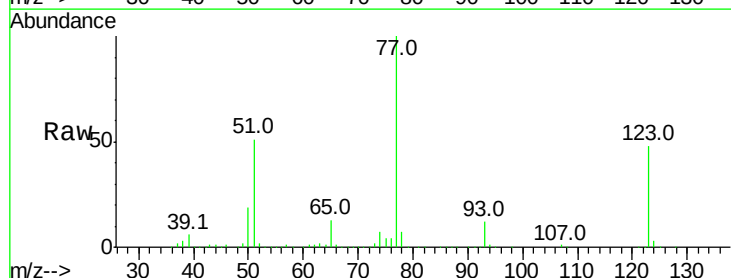
Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

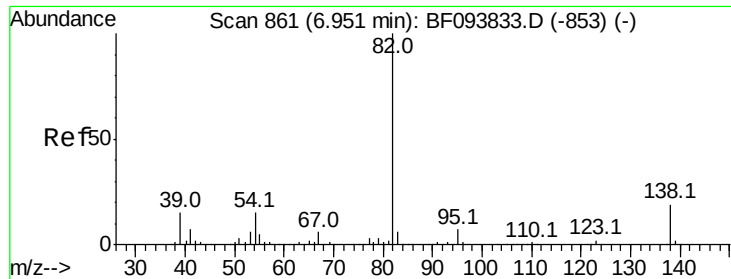
Tot Ion: 82 Resp: 1073025
Ion Ratio Lower Upper
82 100
128 48.0 34.0 51.0
54 49.2 42.2 63.2



#24
Nitrobenzene
Concen: 44.86 ng
RT: 6.65 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion: 77 Resp: 514250
Ion Ratio Lower Upper
77 100
123 48.4 35.8 53.8
65 13.2 10.6 15.8





#25

Isophorone

Concen: 46.72 ng

RT: 6.93 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

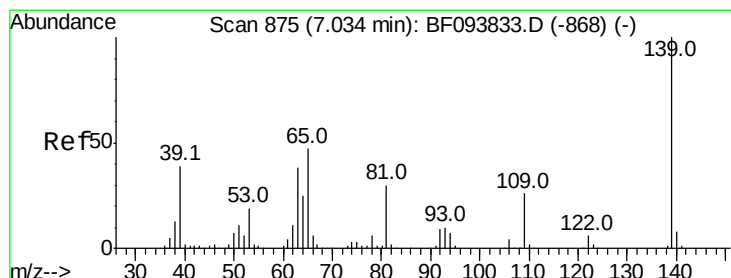
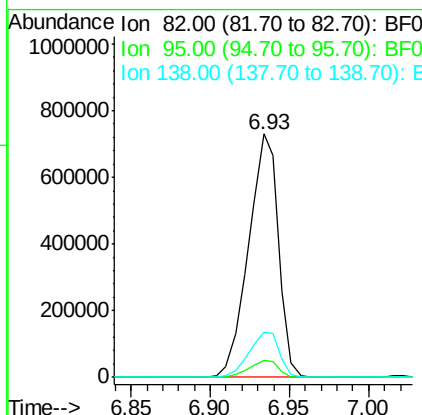
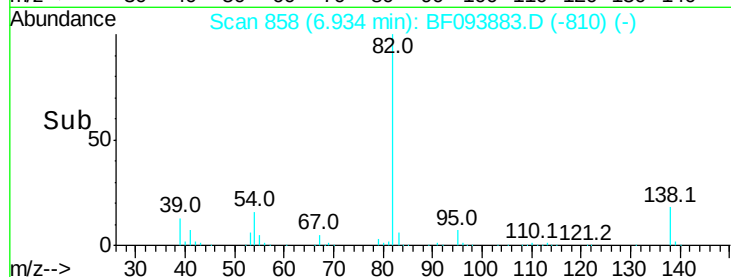
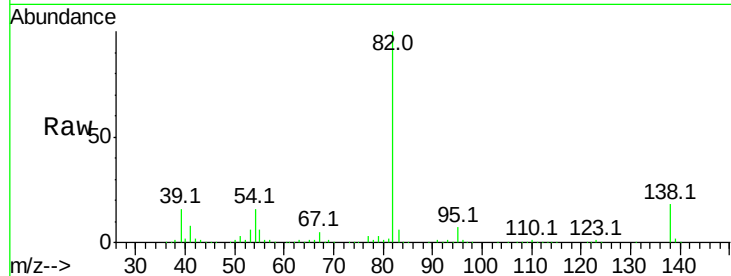
Tot Ion: 82 Resp: 954082

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 49.89 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

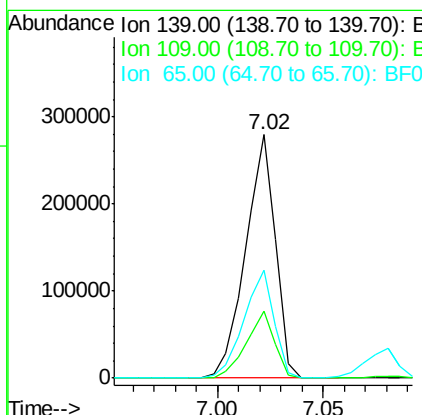
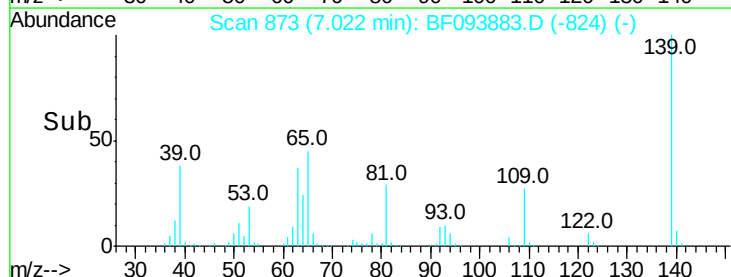
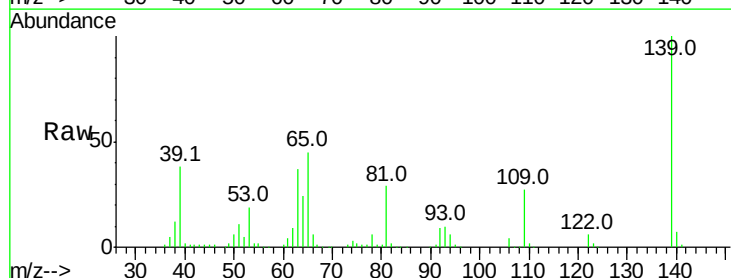
Tgt Ion: 139 Resp: 272727

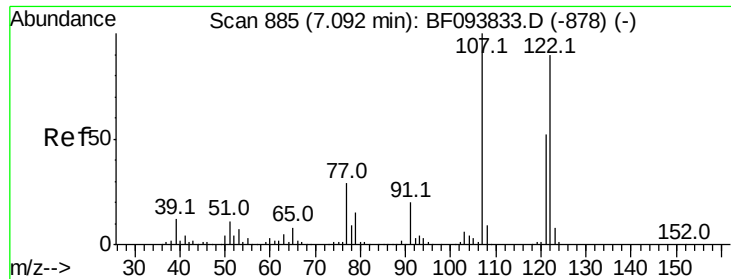
Ion Ratio Lower Upper

139 100

109 27.4 21.0 31.6

65 44.5 33.0 49.6

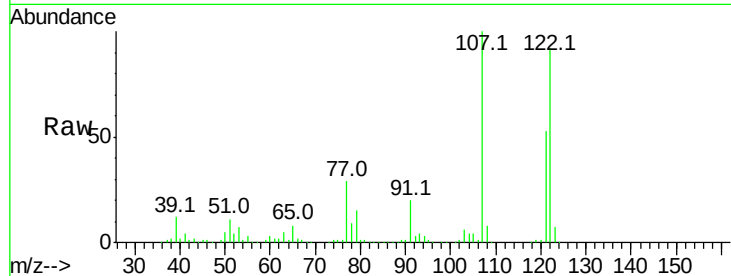




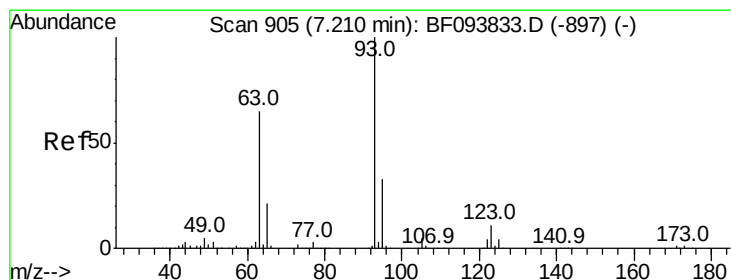
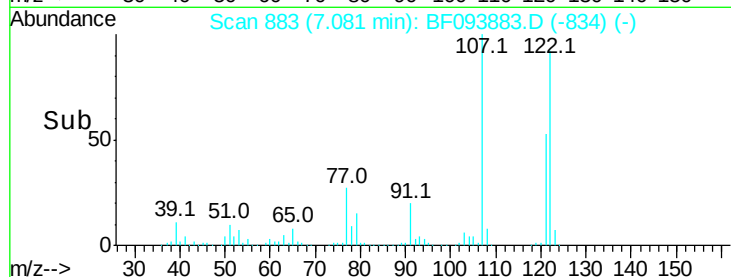
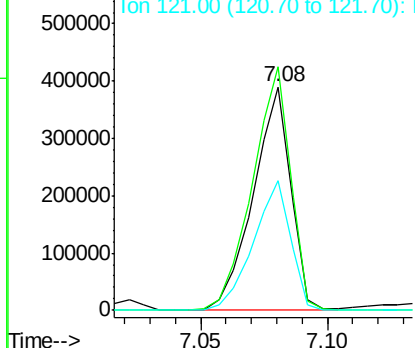
#27
 2,4-Dimethylphenol
 Concen: 42.90 ng
 RT: 7.08 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampled :
 S8-0666MSD

Tot Ion:122 Resp: 404055
 Ion Ratio Lower Upper
 122 100
 107 109.0 89.2 133.8
 121 58.0 45.2 67.8

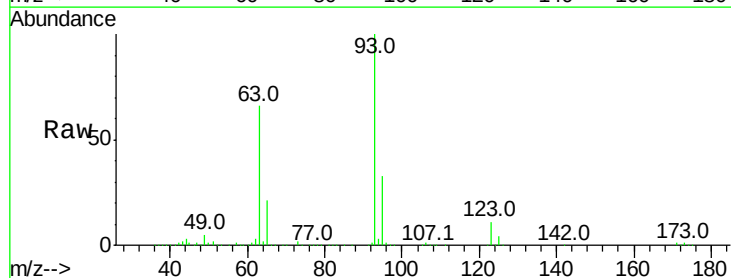


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

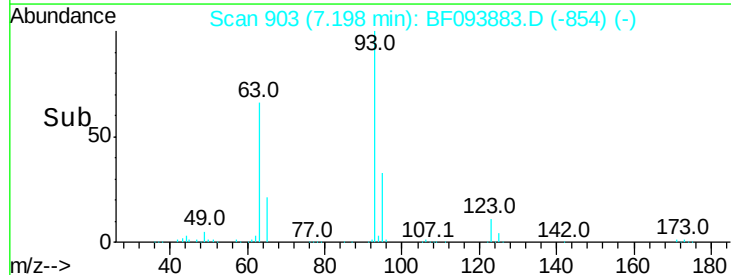
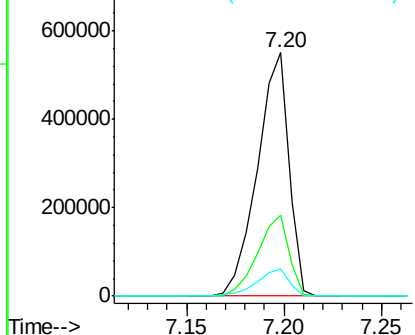


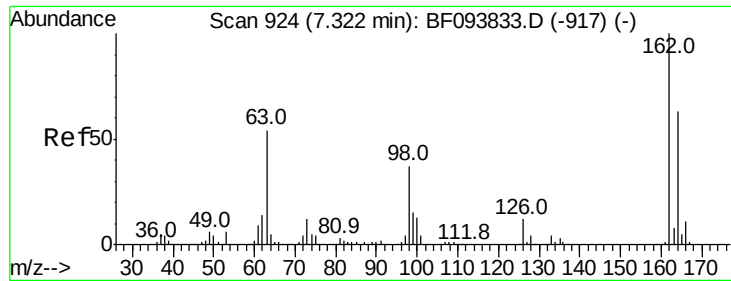
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.58 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion: 93 Resp: 613851
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 11.1 9.0 13.4



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

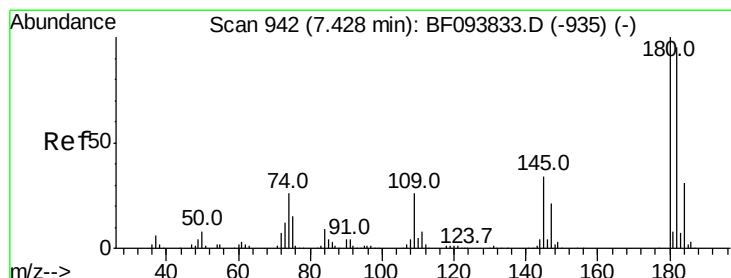
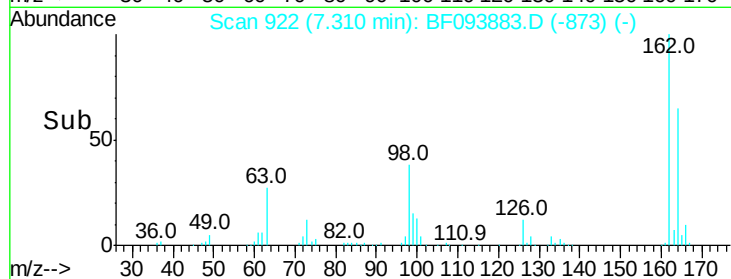
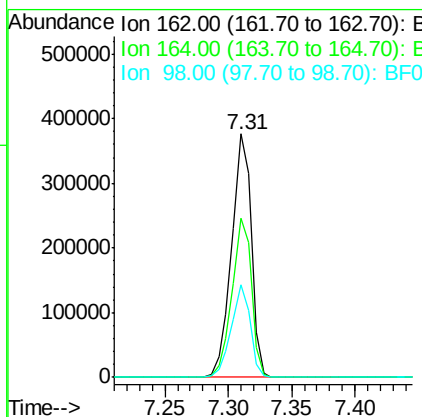
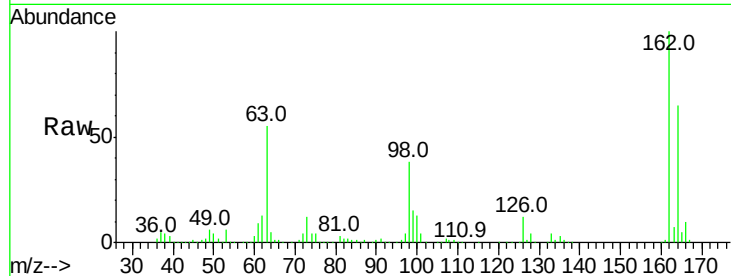




#29
 2,4-Dichlorophenol
 Concen: 45.60 ng
 RT: 7.31 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

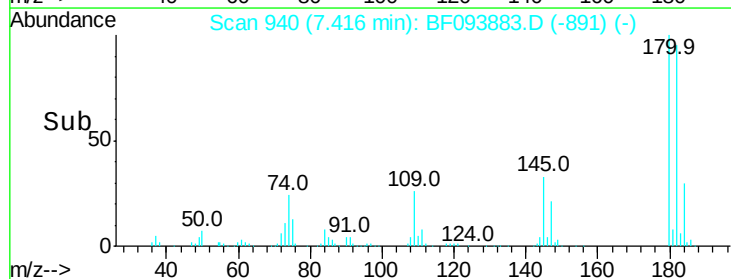
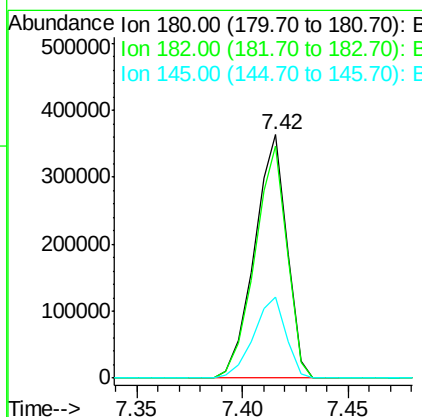
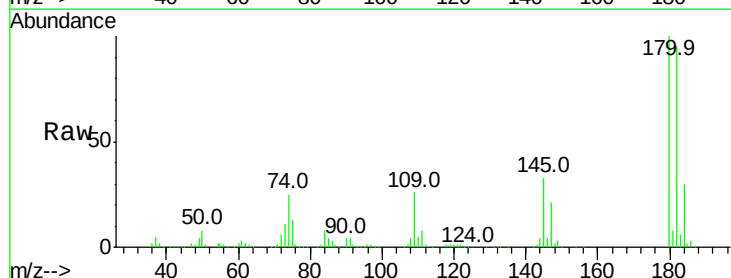
Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

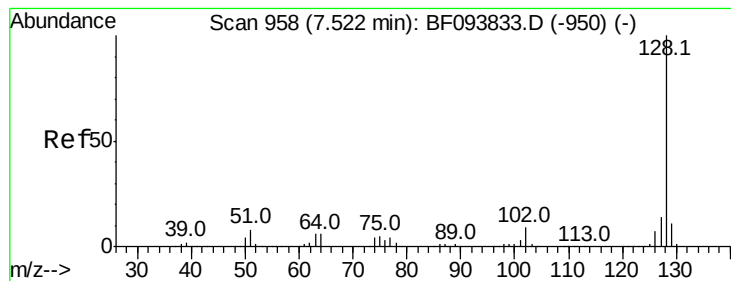
Tot Ion:	162	Resp:	401592
Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.6	84.6
98	38.0	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 42.69 ng
 RT: 7.42 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion:	180	Resp:	387232
Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
145	33.4	25.3	37.9





#31

Naphthalene

Concen: 42.40 ng

RT: 7.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

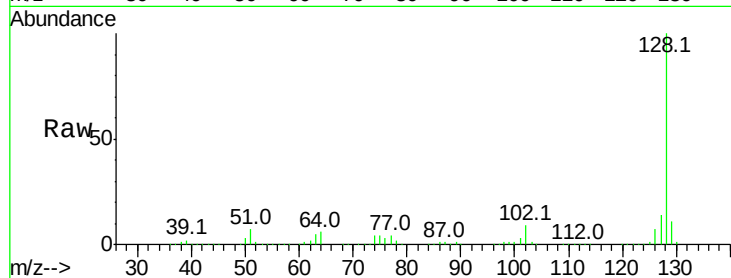
Tot Ion:128 Resp: 1352226

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

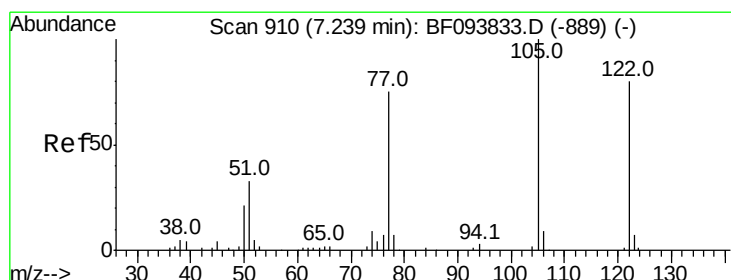
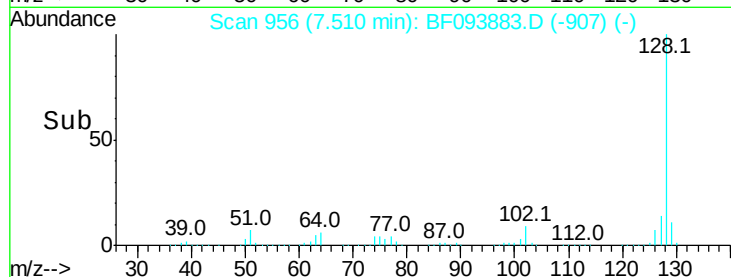
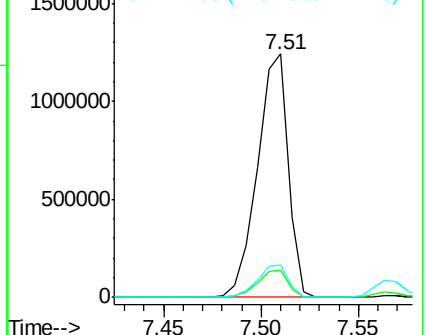
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.09 ng

RT: 7.17 min Scan# 899

Delta R.T. -0.06 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

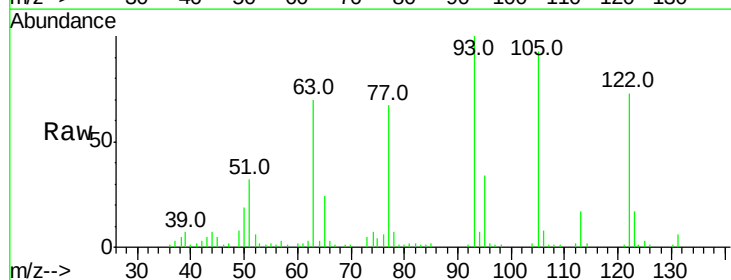
Tgt Ion:122 Resp: 82054

Ion Ratio Lower Upper

122 100

105 127.6 103.3 143.3

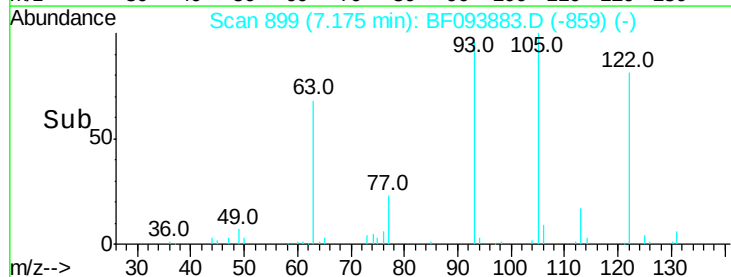
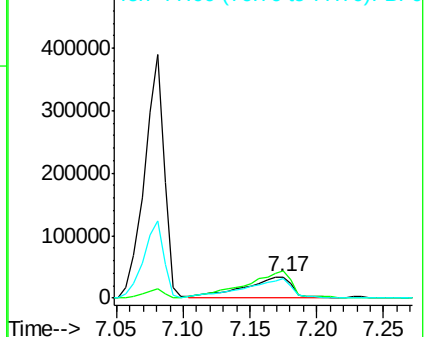
77 92.3 73.7 113.7

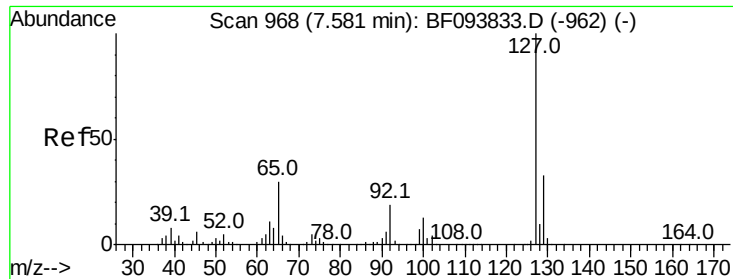


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

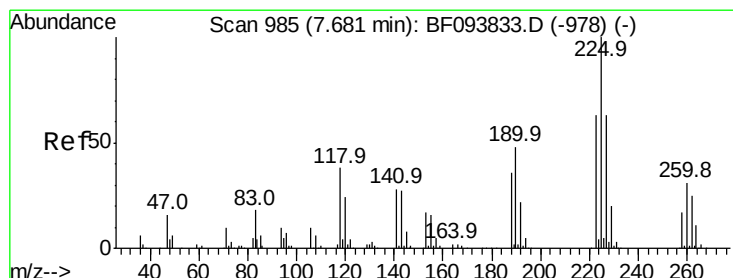
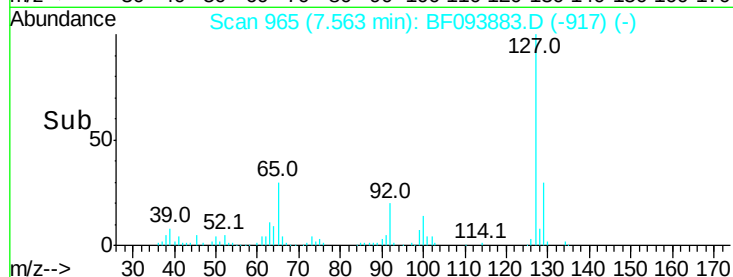
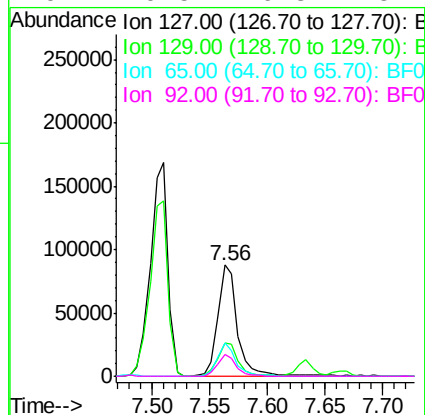
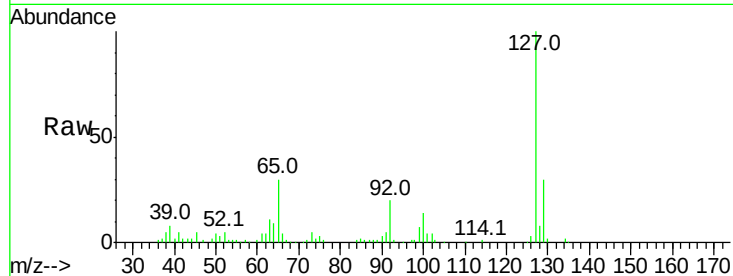




#33
4-Chloroaniline
Concen: 8.05 ng
RT: 7.56 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

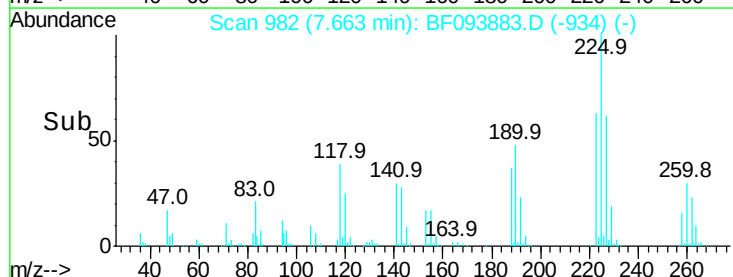
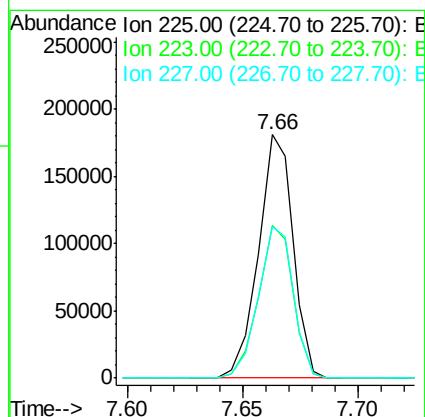
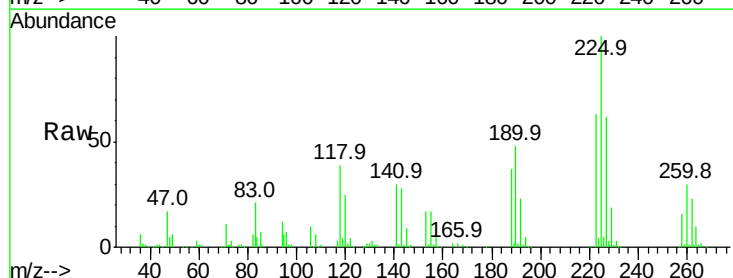
Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

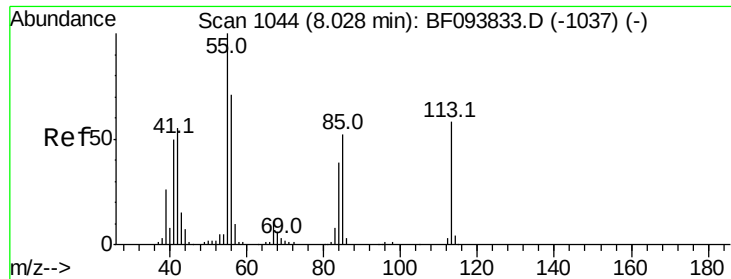
Tot Ion:	127	Resp:	104108
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.2	39.2
65	30.1	27.8	41.8
92	19.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.53 ng
RT: 7.66 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion:	225	Resp:	188519
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	62.0	51.1	76.7





#35

Caprolactam

Concen: 5.31 ng

RT: 8.00 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

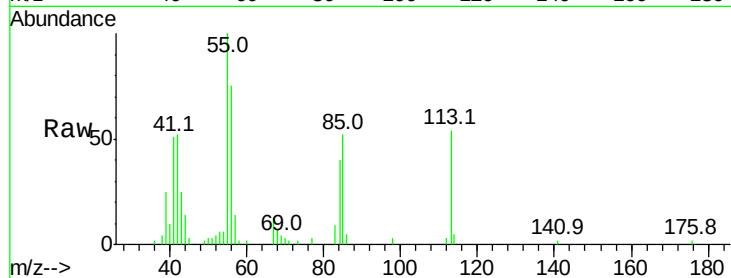
Tot Ion:113 Resp: 14924

Ion Ratio Lower Upper

113 100

55 185.0 150.2 190.2

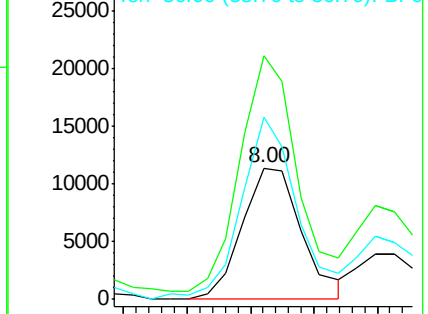
56 138.1 107.8 147.8



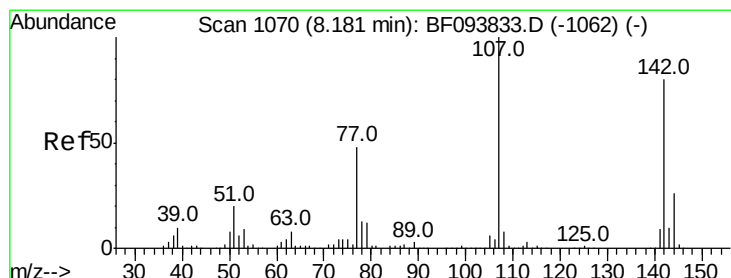
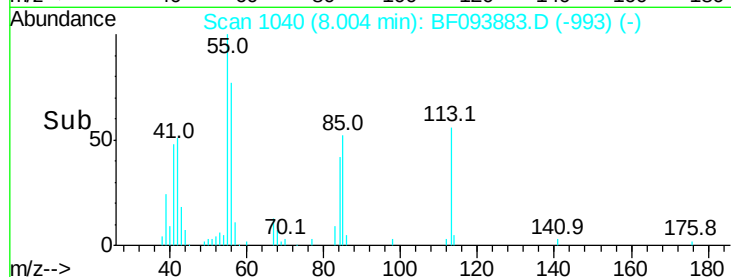
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 43.18 ng

RT: 8.16 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

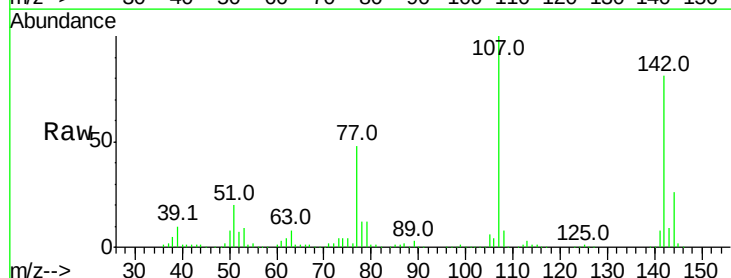
Tgt Ion:107 Resp: 397339

Ion Ratio Lower Upper

107 100

144 25.6 24.2 36.4

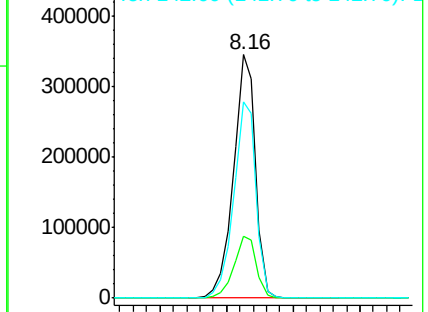
142 80.9 73.4 110.0



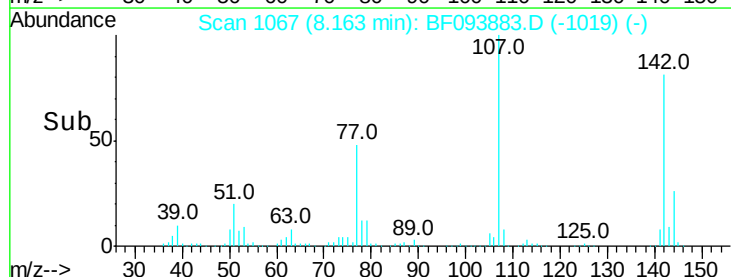
Abundance Ion 107.00 (106.70 to 107.70): E

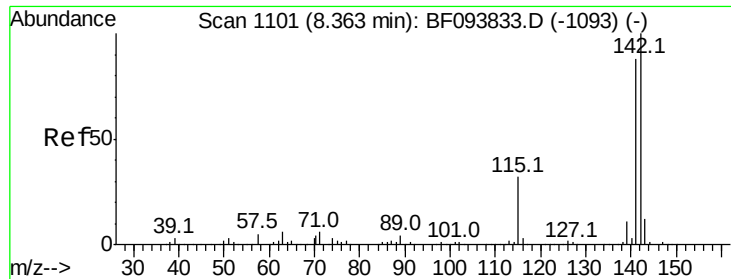
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->

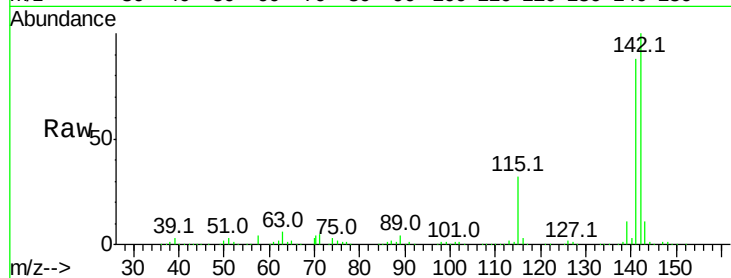




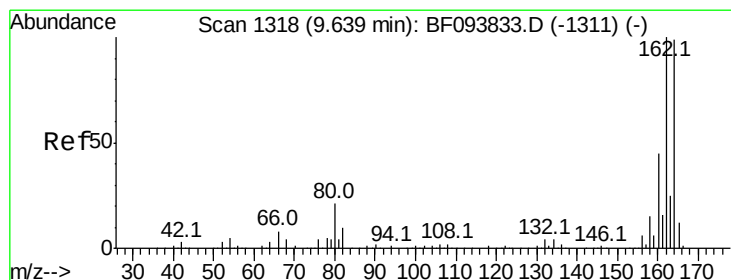
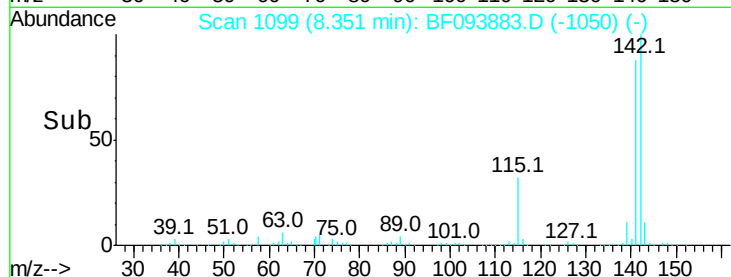
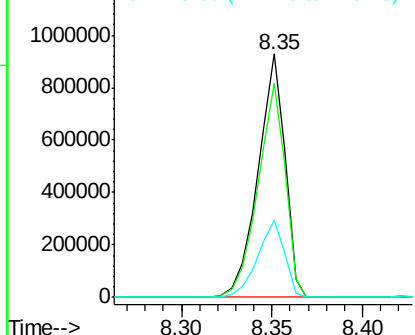
#37
 2-Methylnaphthalene
 Concen: 45.25 ng
 RT: 8.35 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Tot Ion:142 Resp: 961960
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.3 106.9
 115 31.8 27.1 40.7

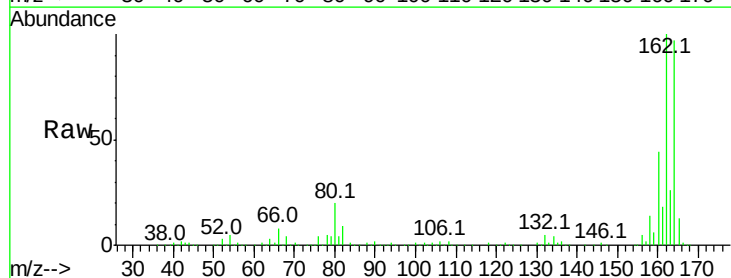


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

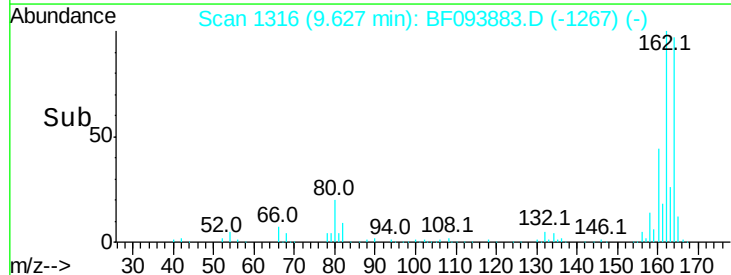
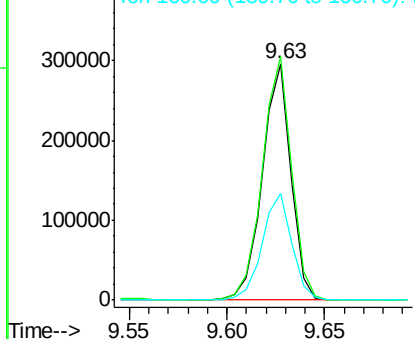


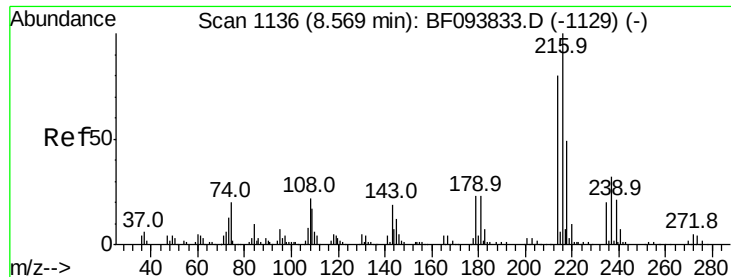
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion:164 Resp: 298260
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 45.1 36.2 54.2



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

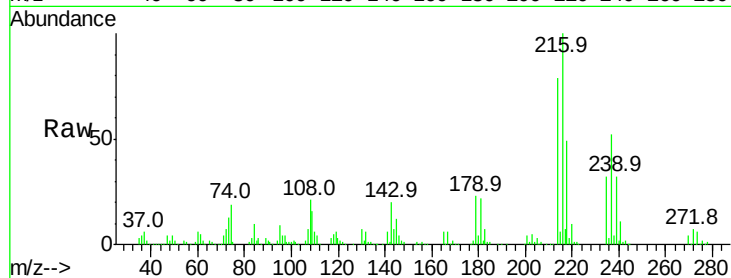




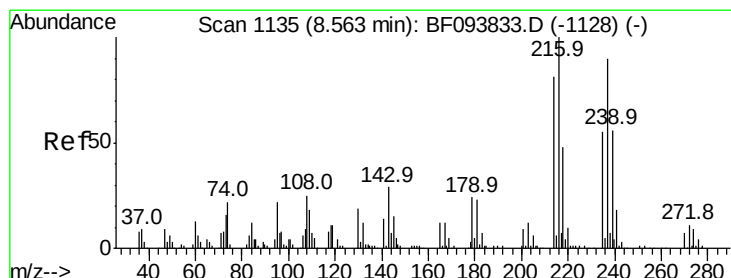
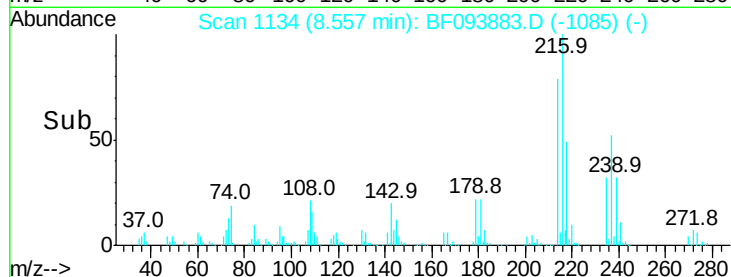
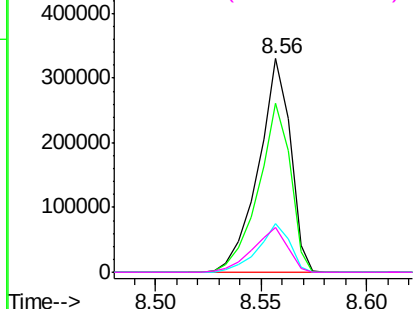
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.87 ng
 RT: 8.56 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Tot Ion:	216	Resp:	349759
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	22.3	17.9	26.9
108	22.3	16.5	24.7

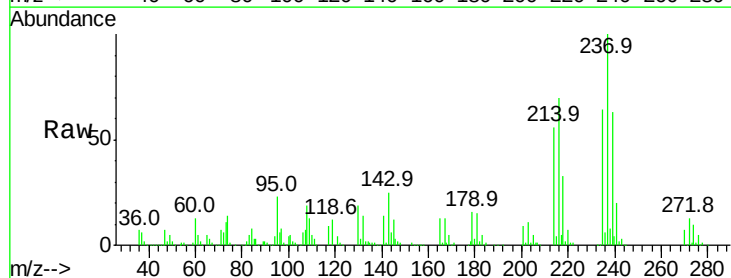


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

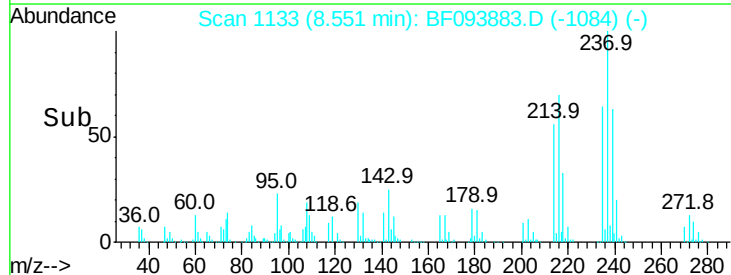
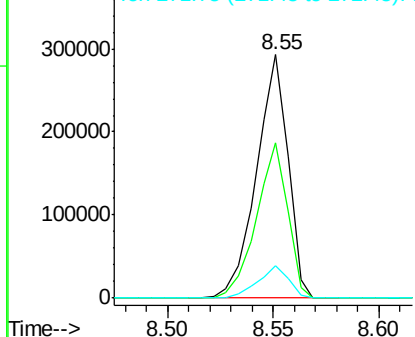


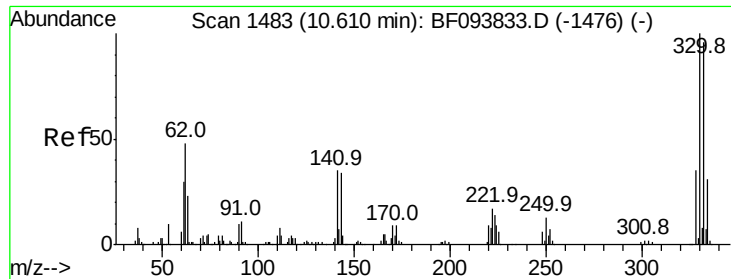
#40
 Hexachlorocyclopentadiene
 Concen: 79.53 ng
 RT: 8.55 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion:	237	Resp:	303665
Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.6	82.6
272	13.2	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

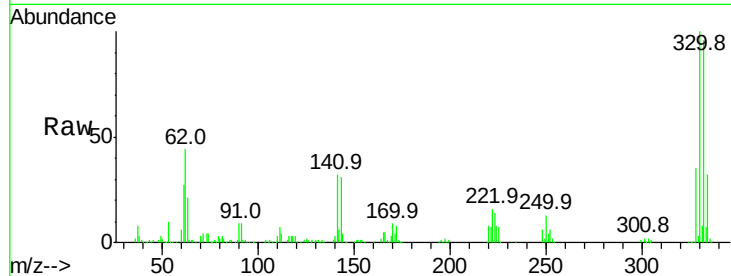




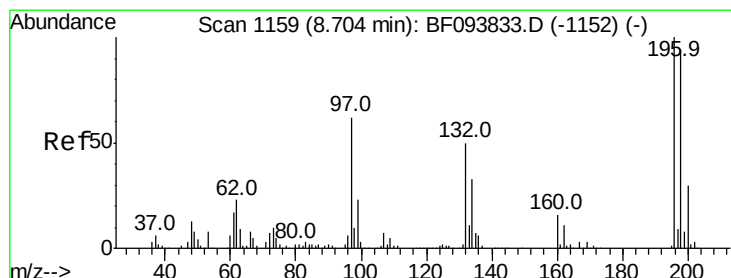
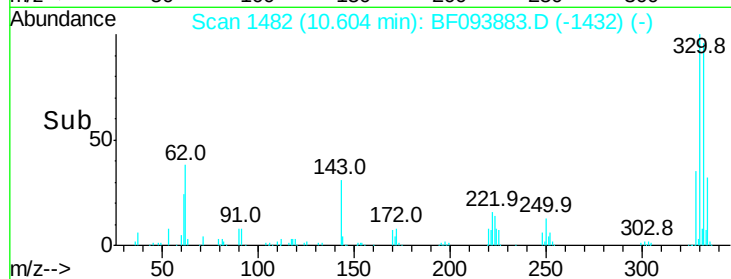
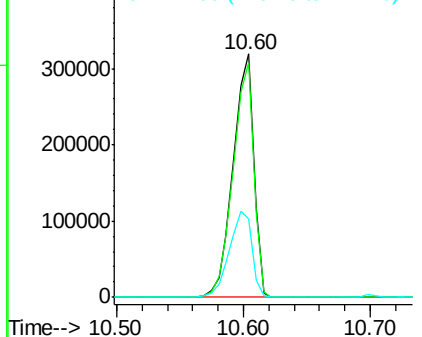
#41
 2,4,6-Tribromophenol
 Concen: 152.25 ng
 RT: 10.60 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Tot Ion:330 Resp: 358833
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 38.3 31.4 47.2

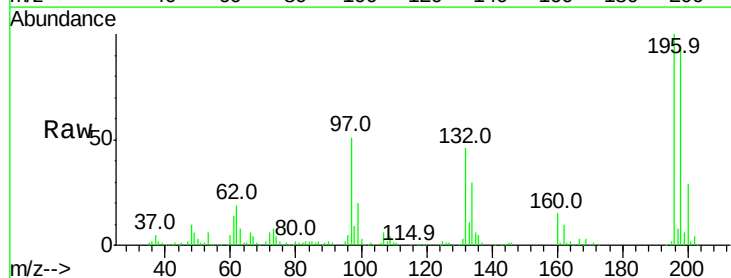


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

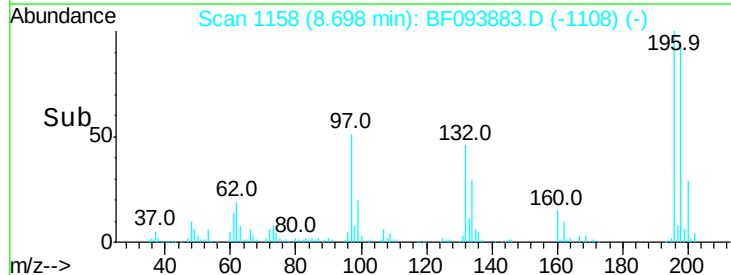
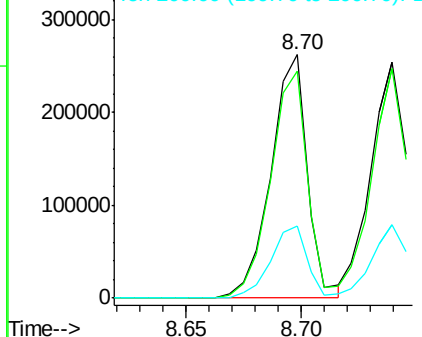


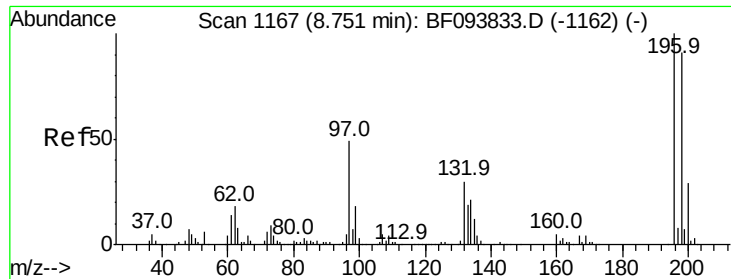
#42
 2,4,6-Trichlorophenol
 Concen: 49.60 ng
 RT: 8.70 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion:196 Resp: 286301
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.2 111.4
 200 29.4 24.0 36.0



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

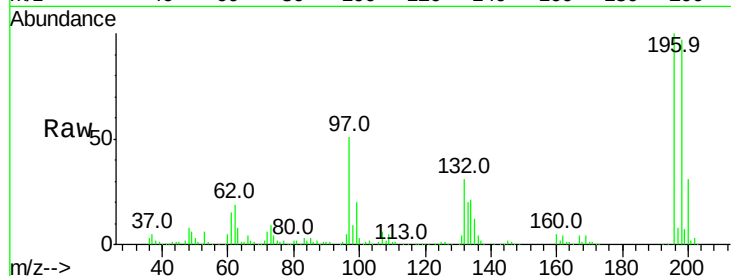




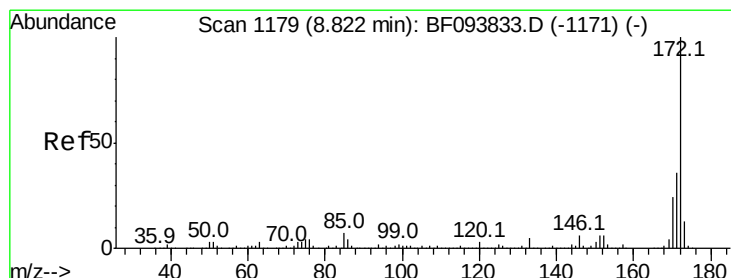
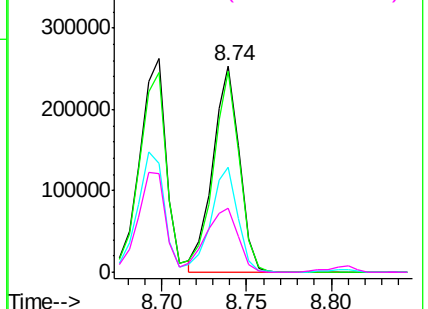
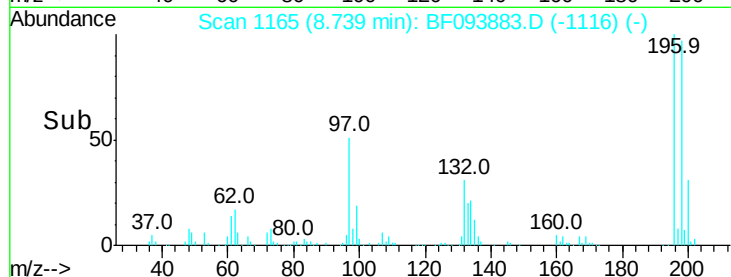
#43
 2,4,5-Trichlorophenol
 Concen: 44.69 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Tot Ion:196 Resp: 279118
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.7 113.5
 97 50.7 47.7 71.5
 132 31.1 28.0 42.0

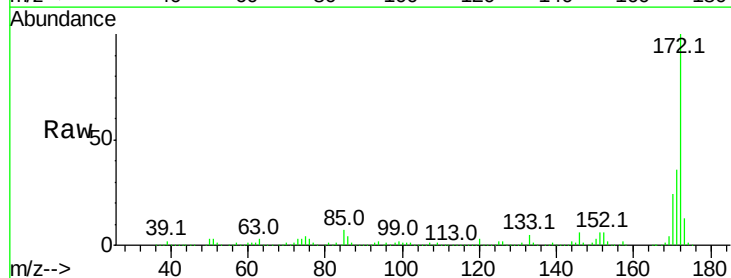


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

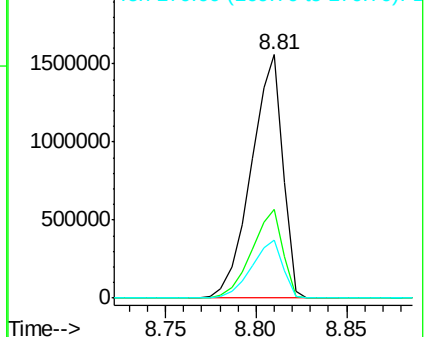
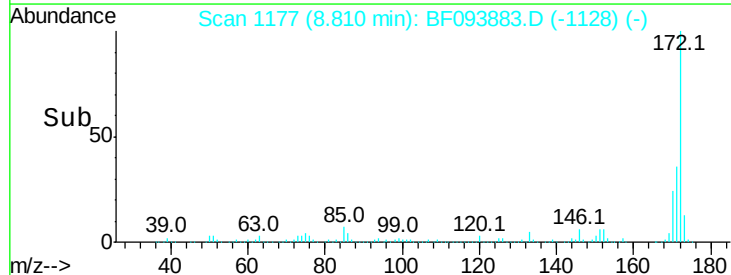


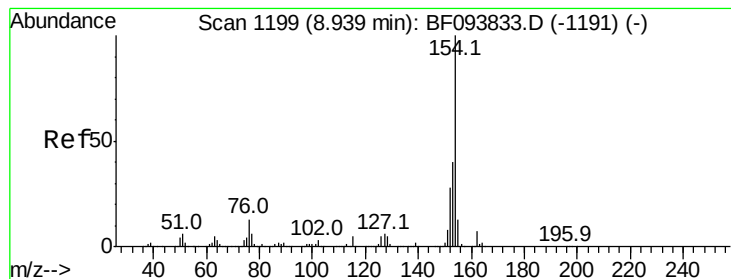
#44
 2-Fluorobiphenyl
 Concen: 95.91 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion:172 Resp: 1875518
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.9 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 45.11 ng

RT: 8.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

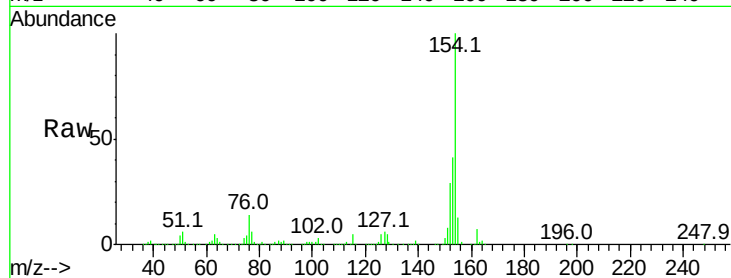
Tot Ion:154 Resp: 1085202

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

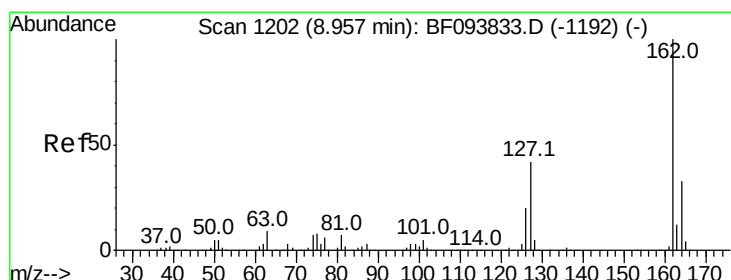
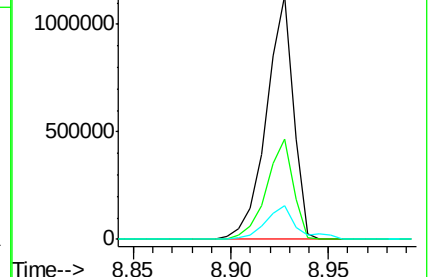
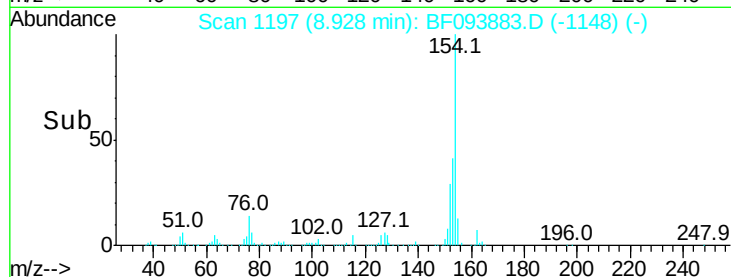
76 13.6 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.81 ng

RT: 8.95 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

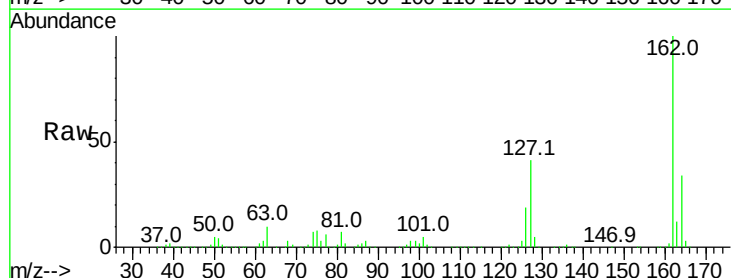
Tgt Ion:162 Resp: 862721

Ion Ratio Lower Upper

162 100

127 40.8 28.3 42.5

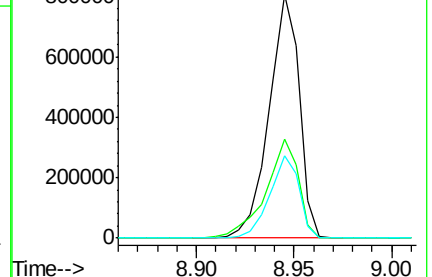
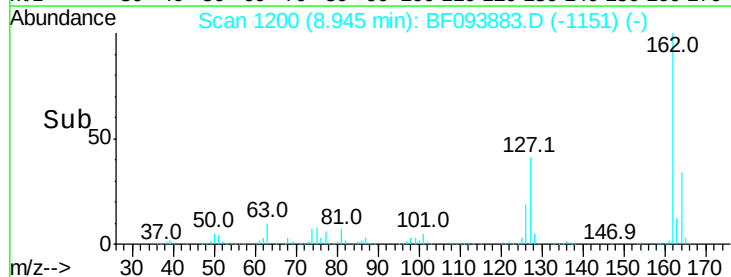
164 33.7 27.0 40.4

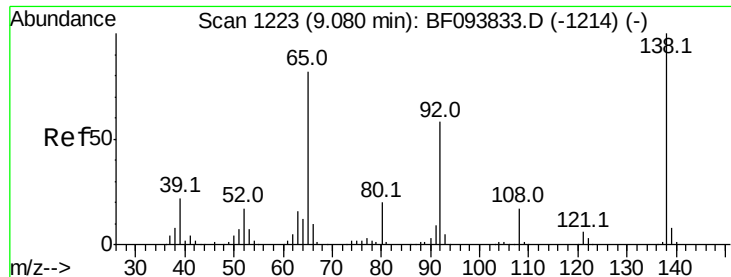


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

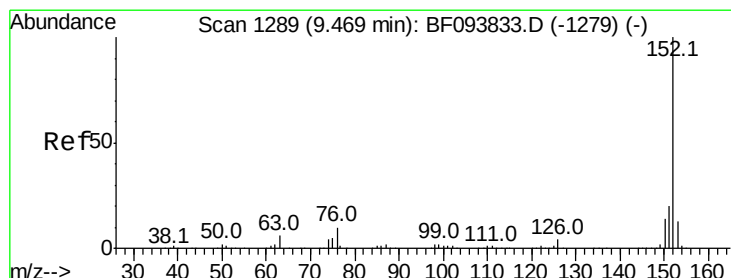
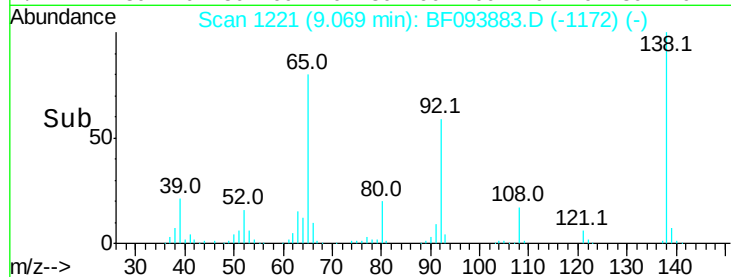
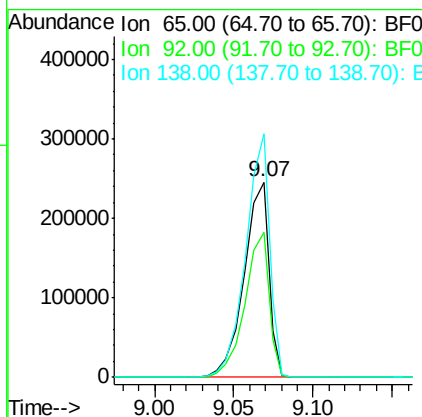
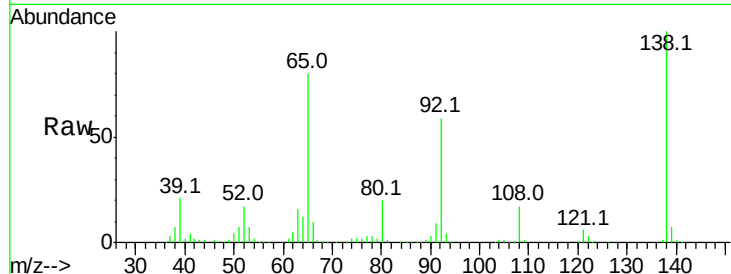




#47
 2-Nitroaniline
 Concen: 47.61 ng
 RT: 9.07 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

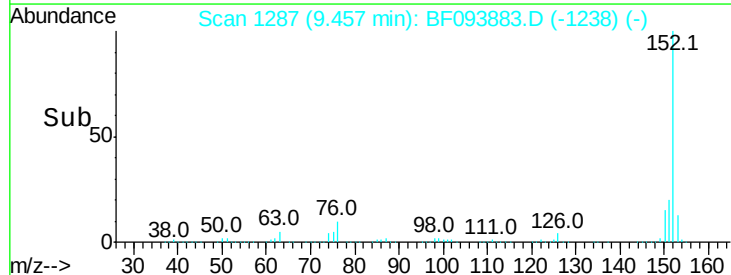
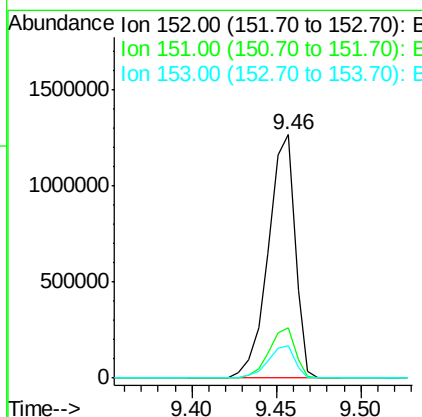
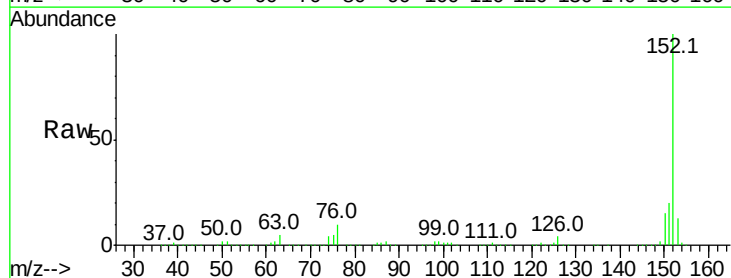
Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

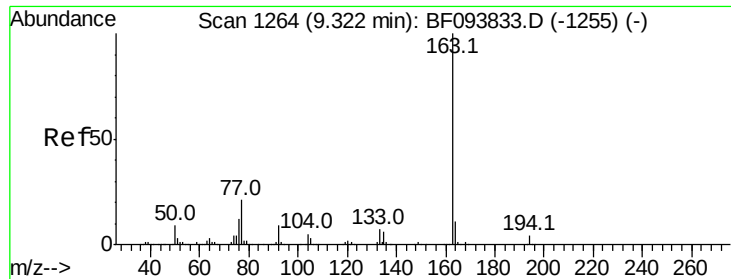
Tot Ion: 65 Resp: 265985
 Ion Ratio Lower Upper
 65 100
 92 74.0 53.9 80.9
 138 124.7 78.8 118.2#



#48
 Acenaphthylene
 Concen: 44.72 ng
 RT: 9.46 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion:152 Resp: 1399698
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.1 10.8 16.2

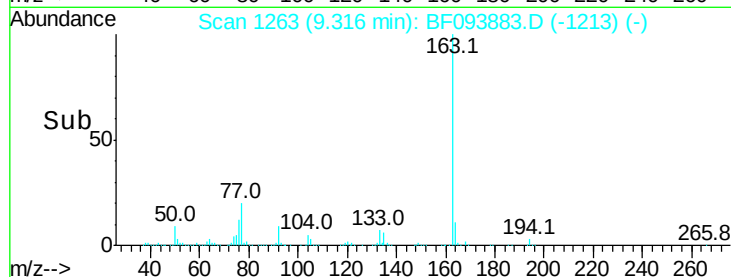
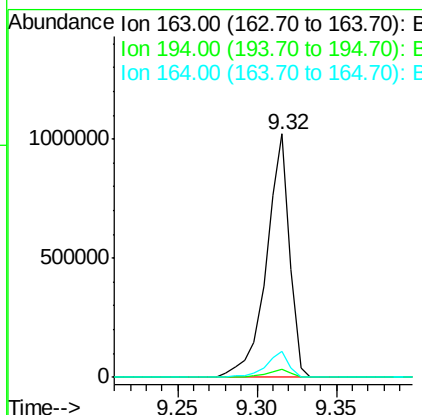
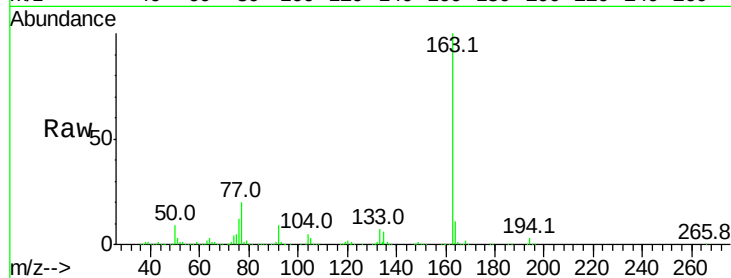




#49
Dimethylphthalate
Concen: 49.14 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

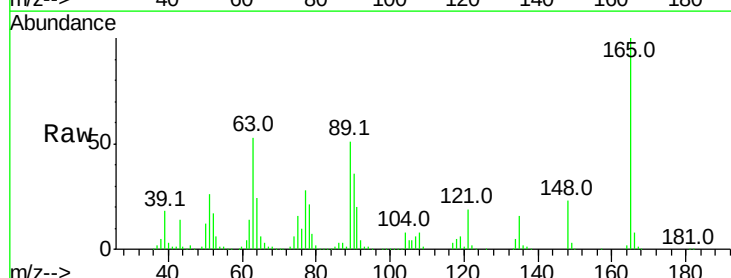
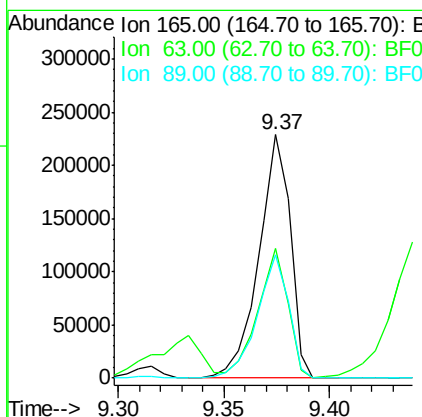
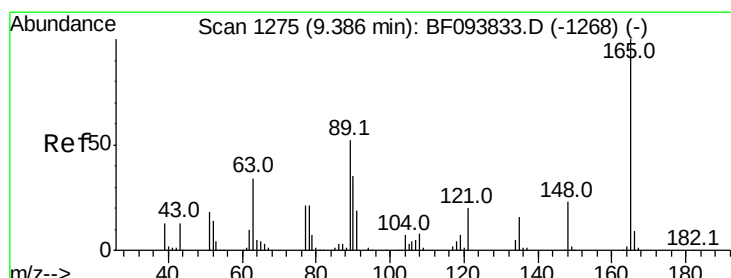
Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

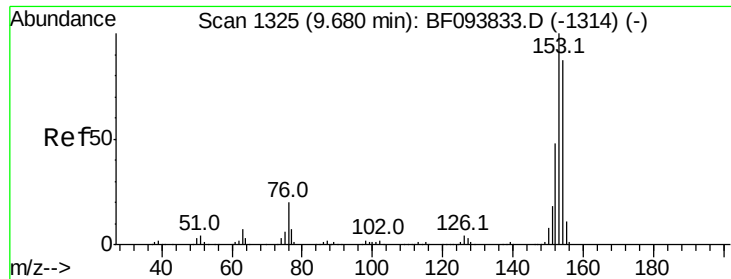
Tot Ion:163 Resp: 1041743
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.5 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 48.98 ng
RT: 9.37 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion:165 Resp: 238036
Ion Ratio Lower Upper
165 100
63 53.2 34.3 51.5#
89 50.6 37.1 55.7





#51

Acenaphthene

Concen: 45.41 ng

RT: 9.67 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

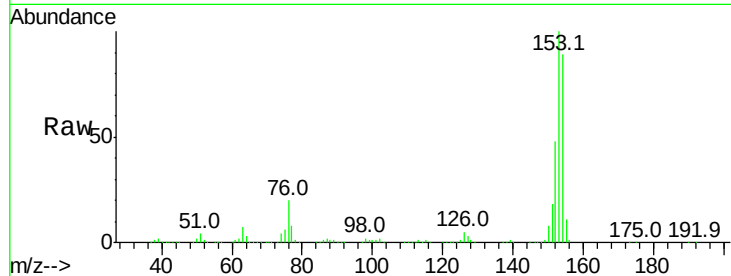
Tot Ion:154 Resp: 829375

Ion Ratio Lower Upper

154 100

153 112.3 90.5 135.7

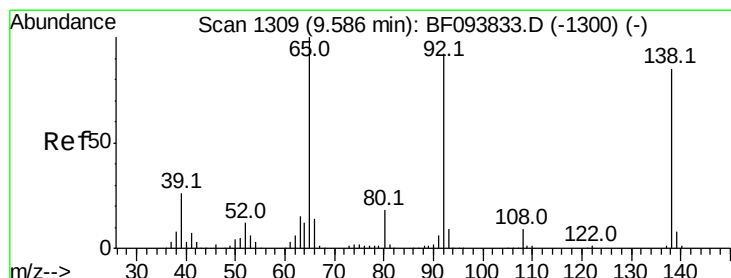
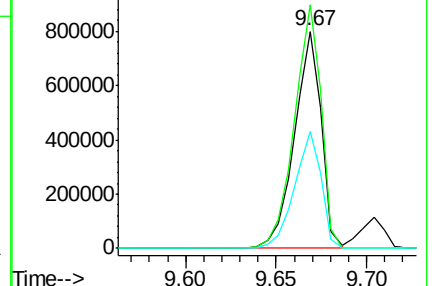
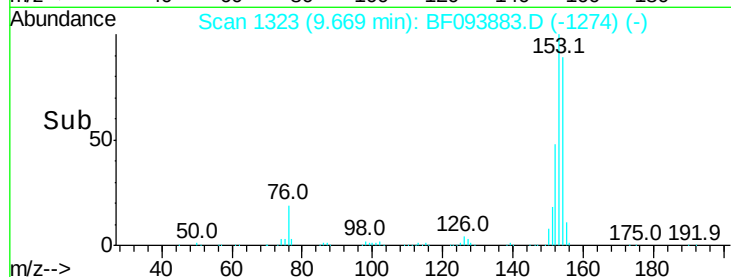
152 54.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.84 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

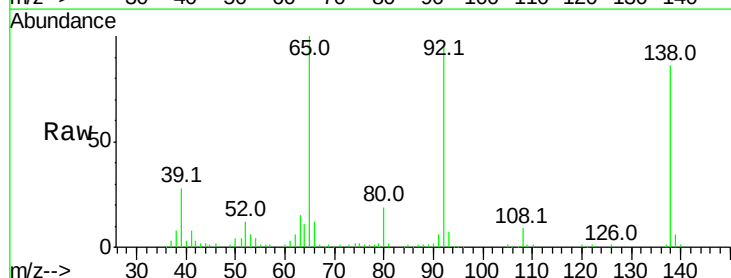
Tgt Ion:138 Resp: 90408

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

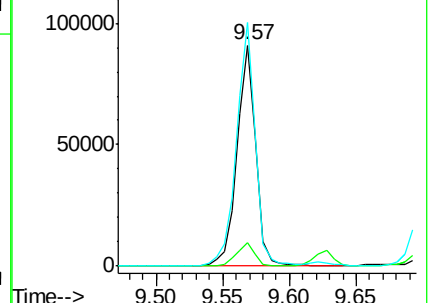
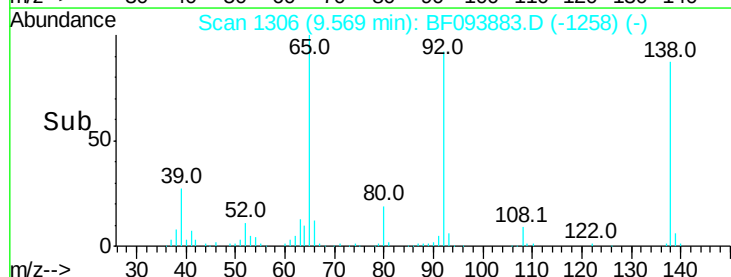
92 110.4 93.8 140.6

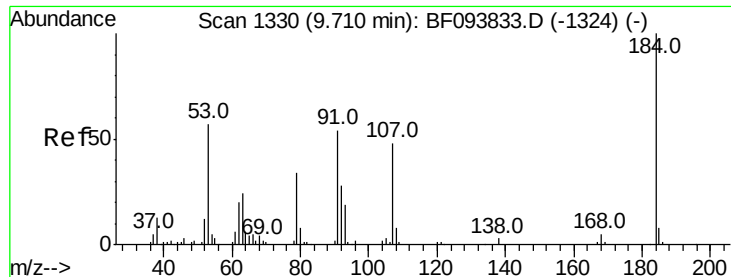


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

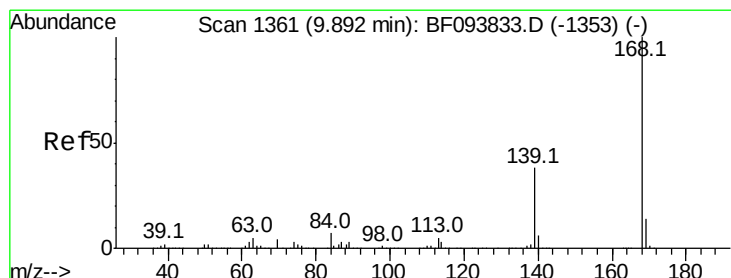
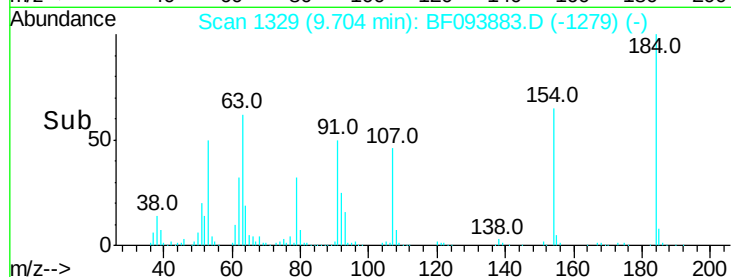
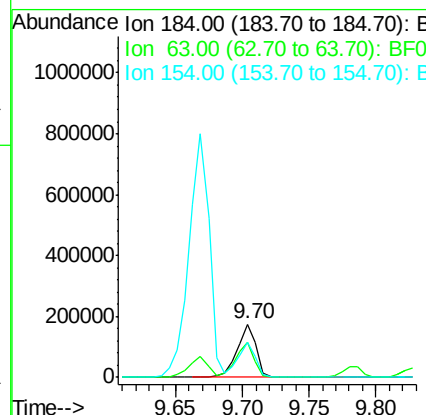
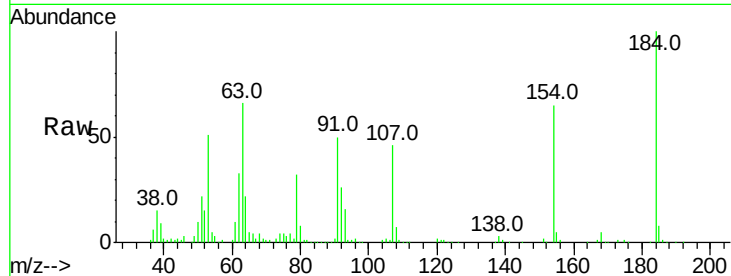




#53
2,4-Dinitrophenol
Concen: 67.63 ng
RT: 9.70 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

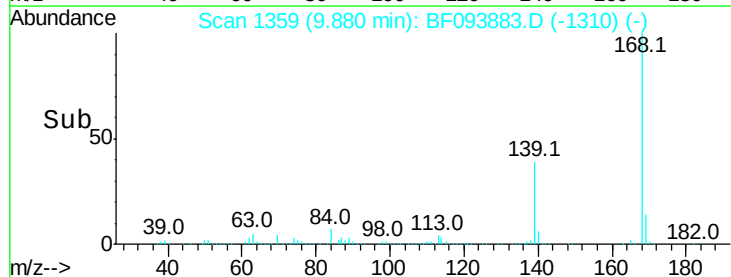
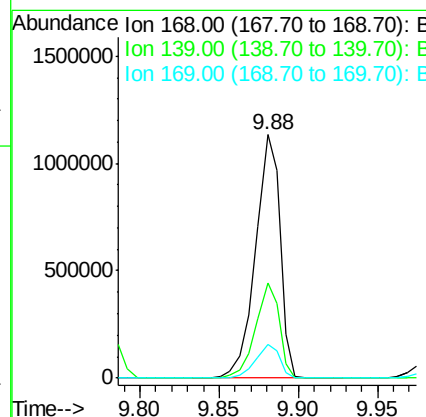
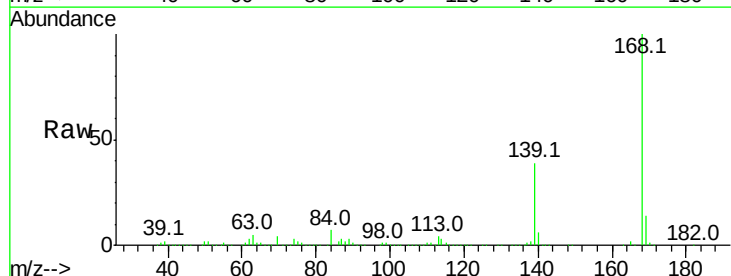
Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

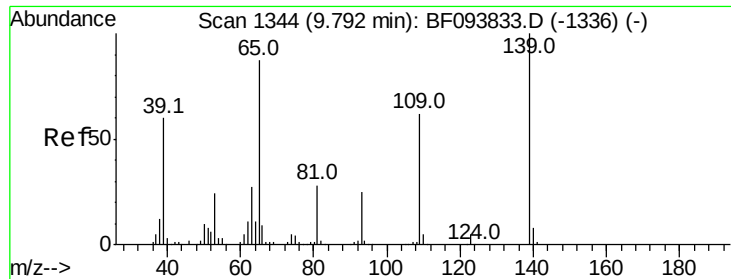
Tot Ion:184 Resp: 173901
Ion Ratio Lower Upper
184 100
63 66.1 62.7 94.1
154 65.2 81.1 121.7#



#54
Dibenzofuran
Concen: 49.04 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion:168 Resp: 1219124
Ion Ratio Lower Upper
168 100
139 39.3 30.6 45.8
169 13.8 10.8 16.2





#55

4-Nitrophenol

Concen: 33.89 ng

RT: 9.79 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

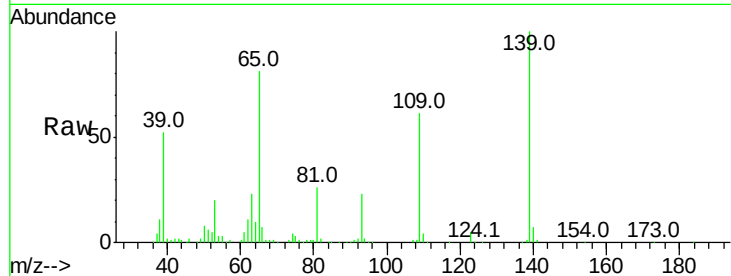
Tot Ion:139 Resp: 151459

Ion Ratio Lower Upper

139 100

109 61.5 34.1 74.1

65 81.0 31.4 71.4#

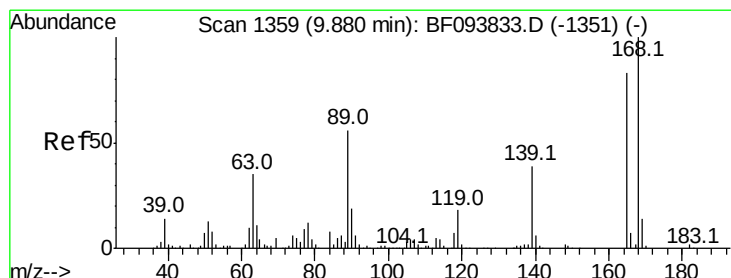
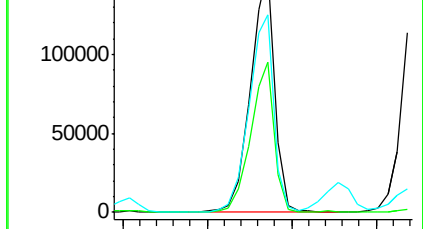
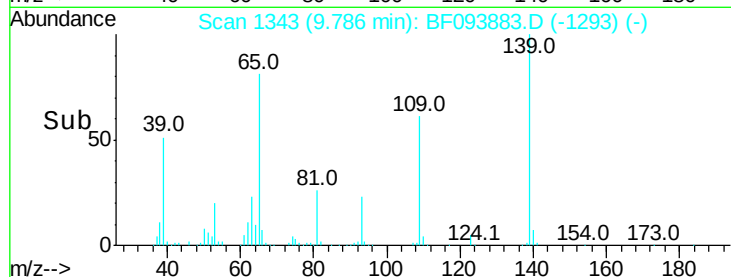


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time--> 9.70 9.75 9.80 9.85



#56

2,4-Dinitrotoluene

Concen: 49.91 ng

RT: 9.87 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Tgt Ion:165 Resp: 304711

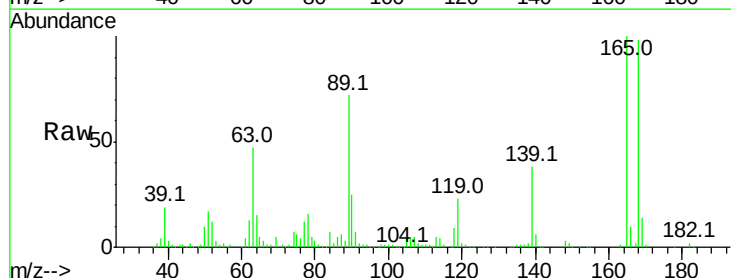
Ion Ratio Lower Upper

165 100

63 46.9 25.4 38.0#

89 71.8 46.4 69.6#

182 2.5 1.8 2.6



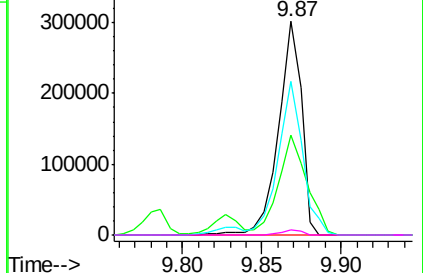
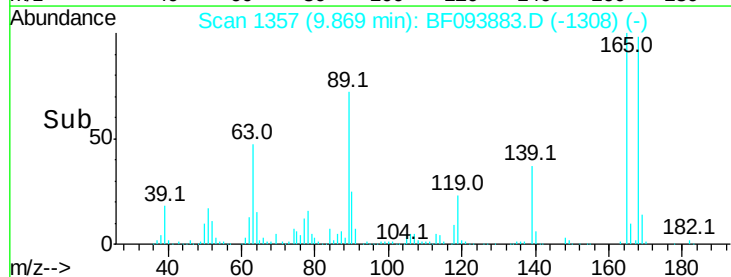
Abundance Ion 165.00 (164.70 to 165.70): E

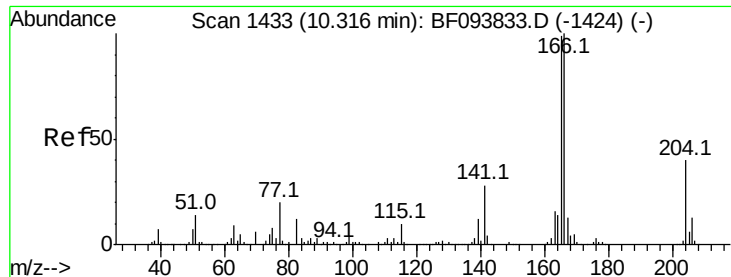
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time--> 9.80 9.85 9.90

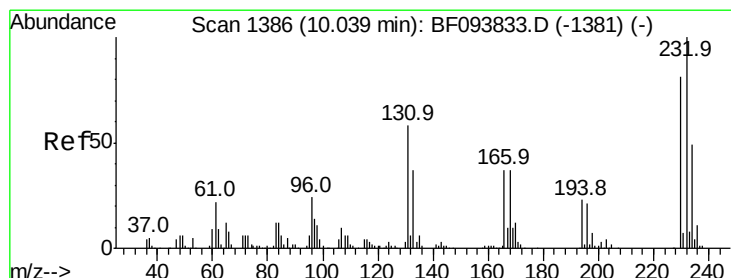
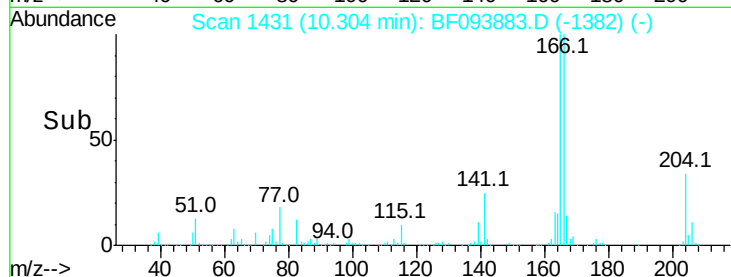
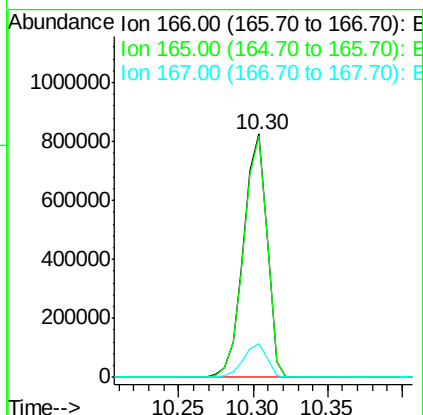
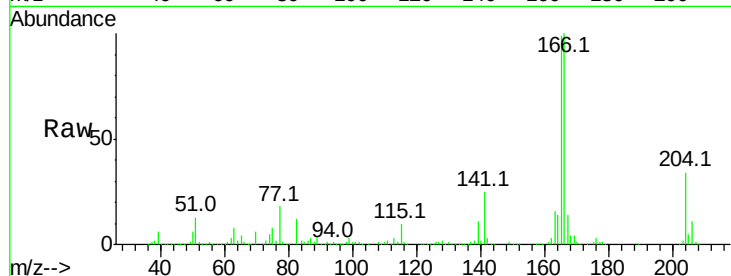




#57
 Fluorene
 Concen: 43.67 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

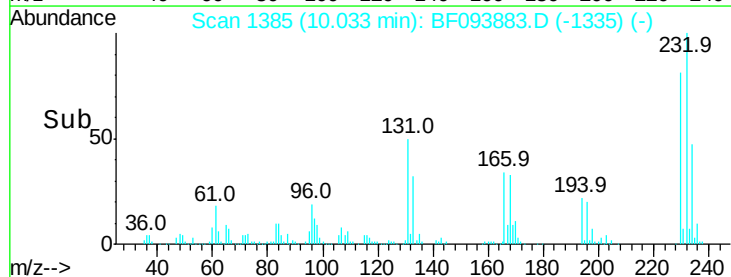
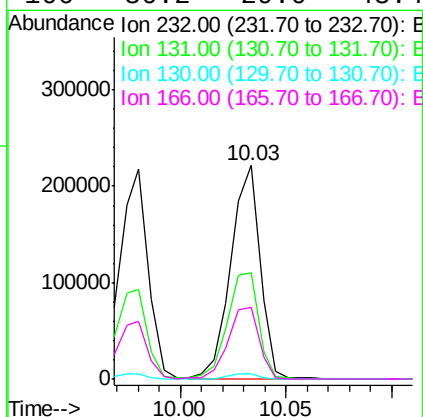
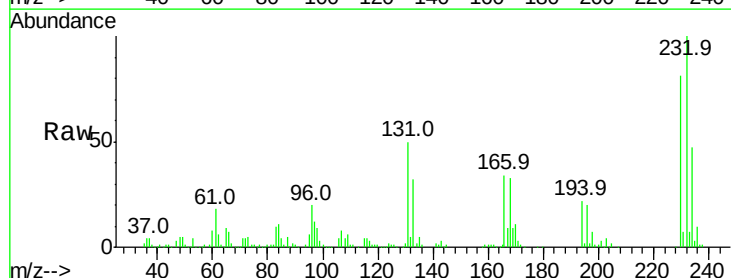
Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

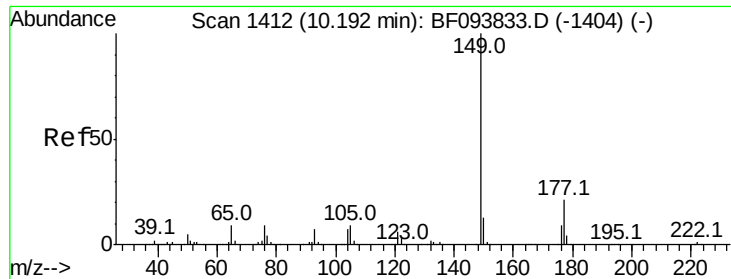
Tot Ion:166 Resp: 900252
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.8 118.2
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.37 ng
 RT: 10.03 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion:232 Resp: 211581
 Ion Ratio Lower Upper
 232 100
 131 53.6 44.8 67.2
 130 2.6 2.3 3.5
 166 36.2 29.0 43.4

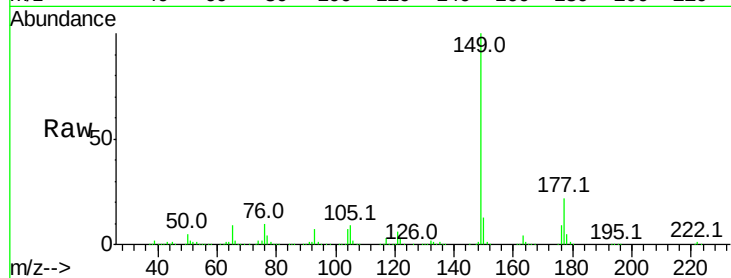




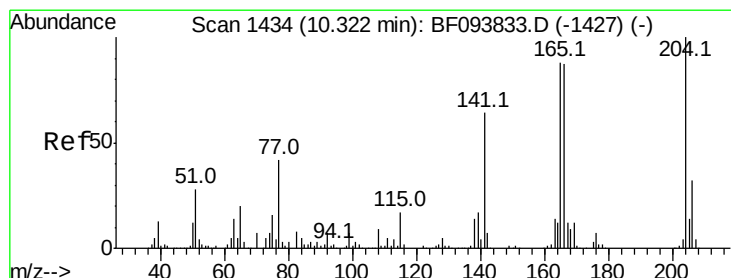
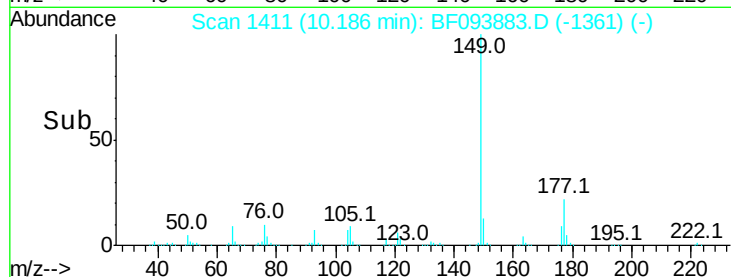
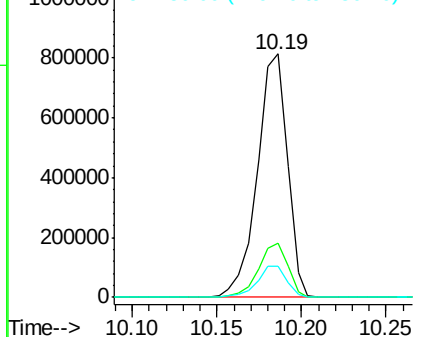
#59
Diethylphthalate
Concen: 48.18 ng
RT: 10.19 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampled :
S8-0666MSD

Tot Ion:149 Resp: 1009550
Ion Ratio Lower Upper
149 100
177 22.2 16.7 25.1
150 12.7 10.2 15.2

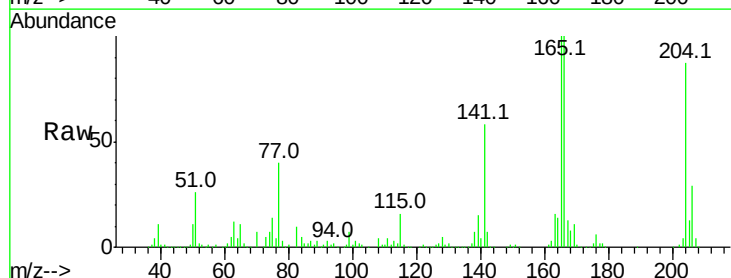


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

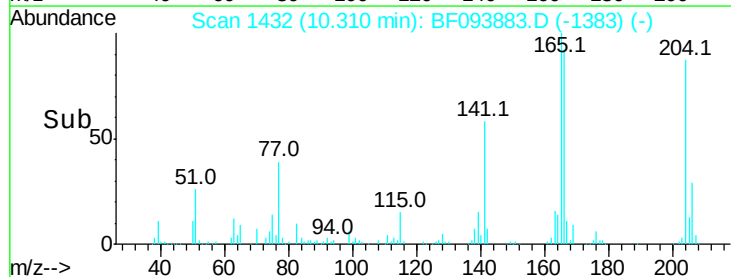
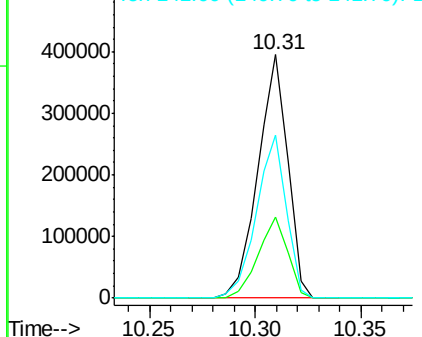


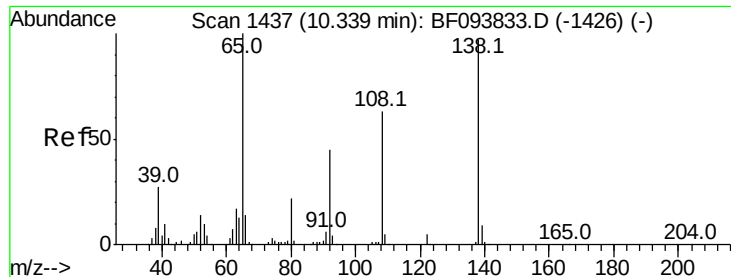
#60
4-Chlorophenyl-phenylether
Concen: 44.09 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion:204 Resp: 387233
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 66.7 60.8 91.2



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

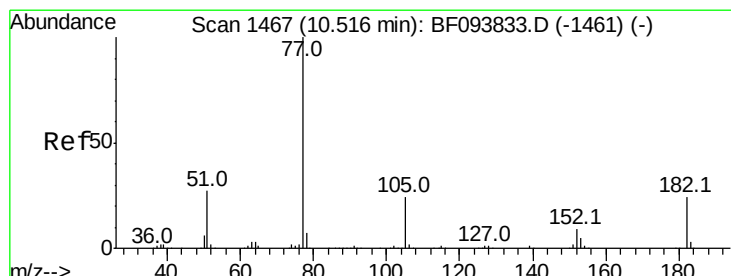
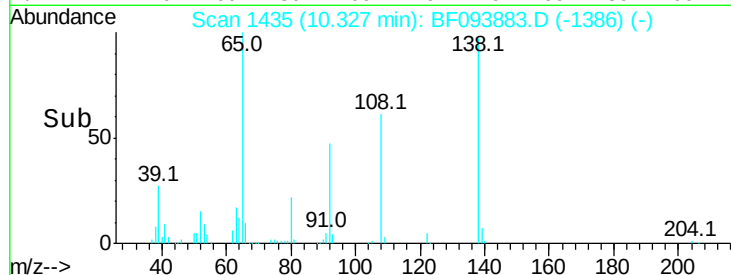
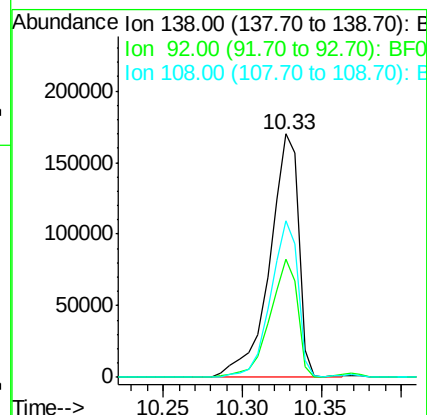
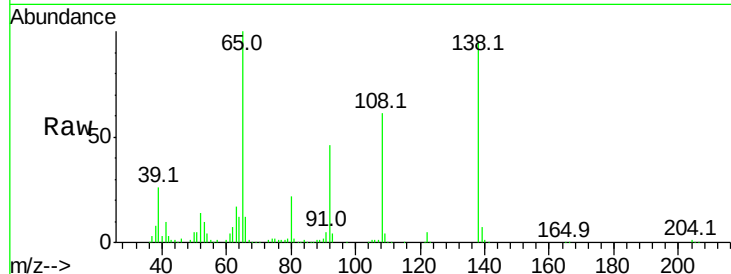




#61
4-Nitroaniline
Concen: 39.72 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

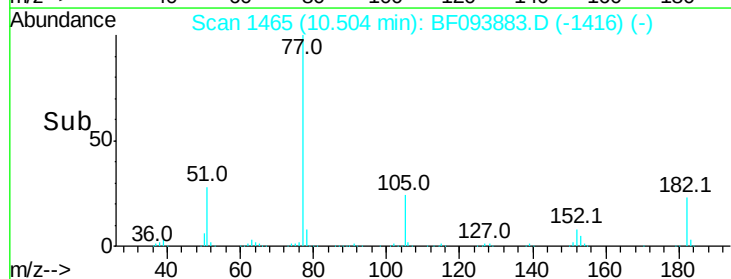
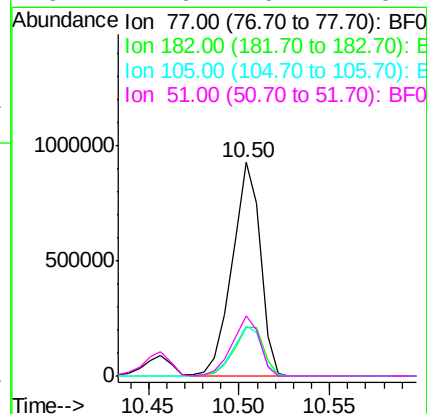
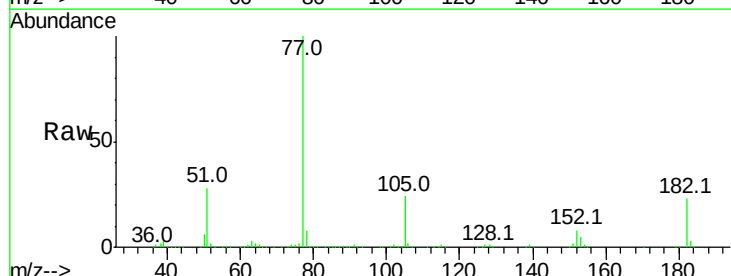
Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

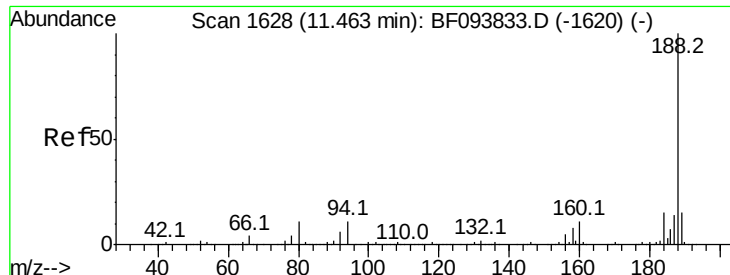
Tot Ion:138 Resp: 217541
Ion Ratio Lower Upper
138 100
92 48.4 21.8 61.8
108 64.1 42.3 82.3



#62
Azobenzene
Concen: 50.27 ng
RT: 10.50 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion: 77 Resp: 996523
Ion Ratio Lower Upper
77 100
182 23.0 0.1 40.1
105 23.5 3.6 43.6
51 27.9 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

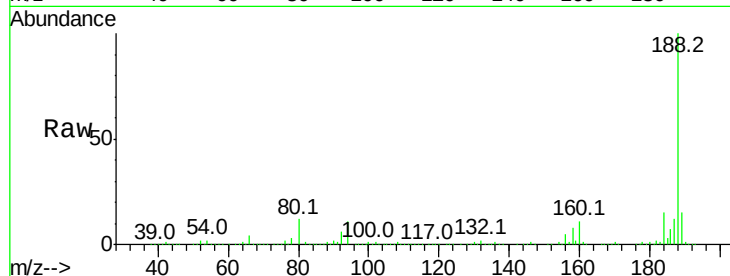
Tot Ion:188 Resp: 510671

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

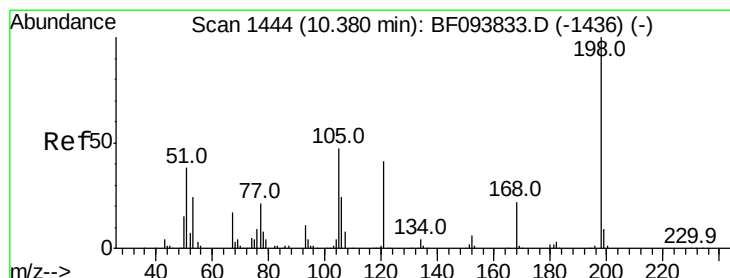
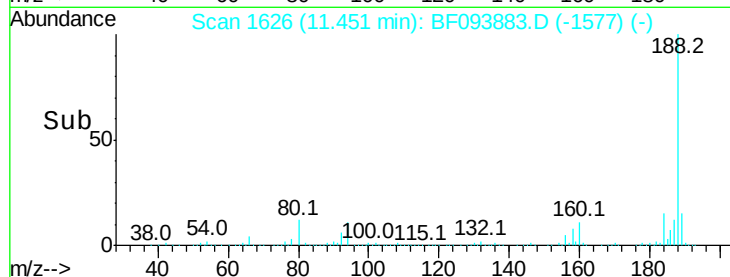
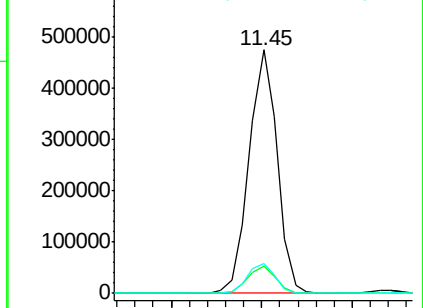
80 12.1 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.50 ng

RT: 10.37 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

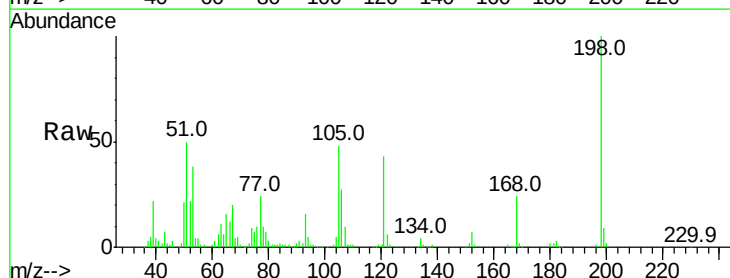
Tgt Ion:198 Resp: 129794

Ion Ratio Lower Upper

198 100

51 50.1 53.2 93.2#

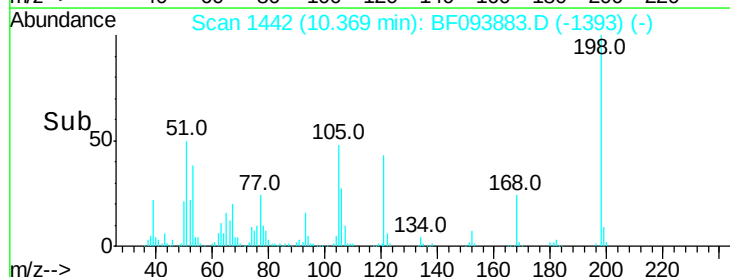
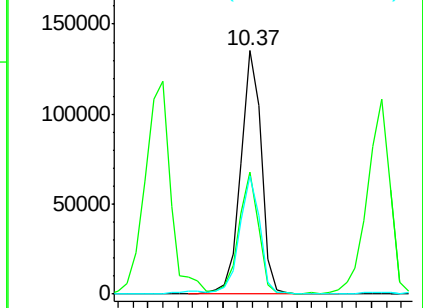
105 48.5 45.8 85.8

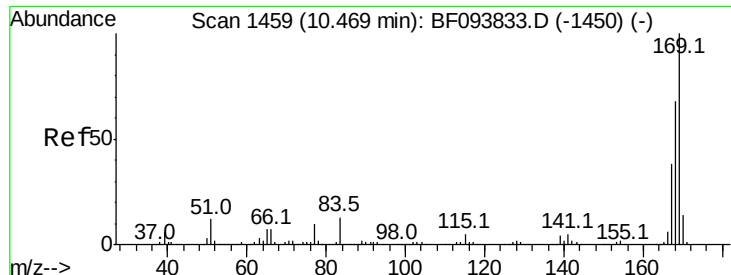


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

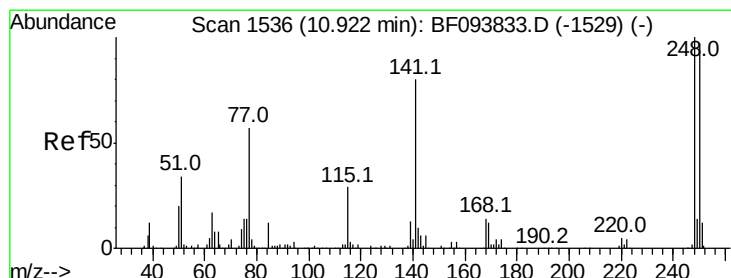
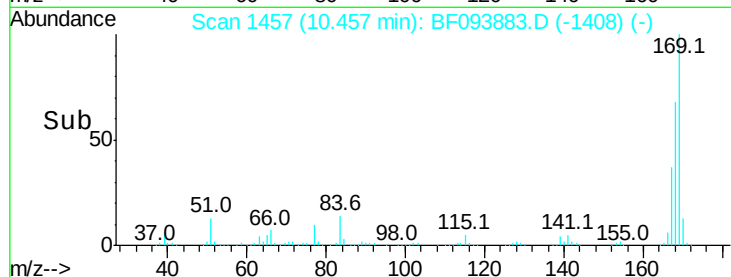
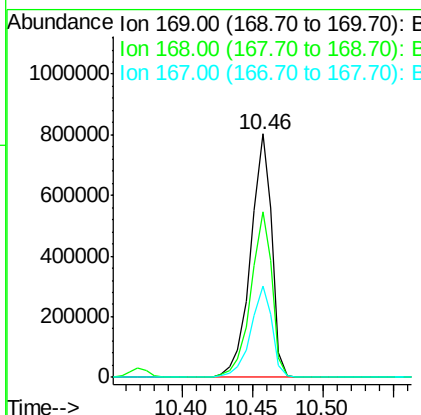
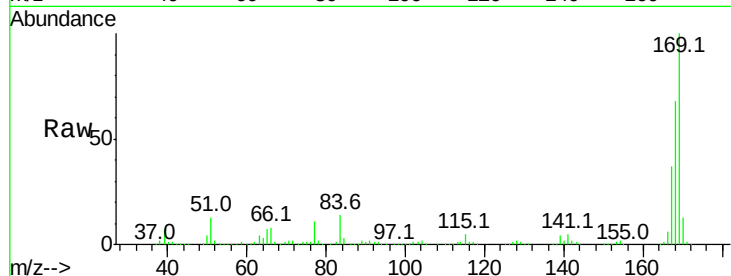




#65
 n-Nitrosodiphenylamine
 Concen: 47.78 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

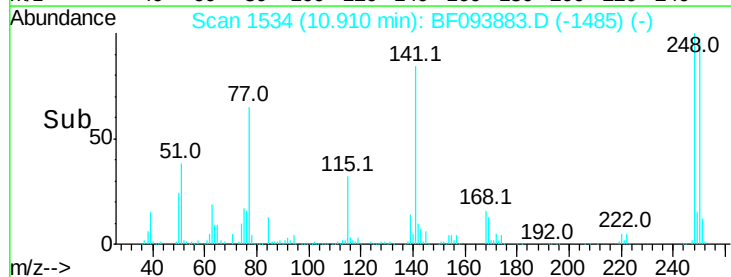
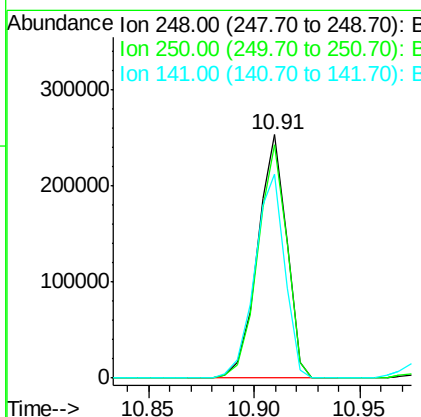
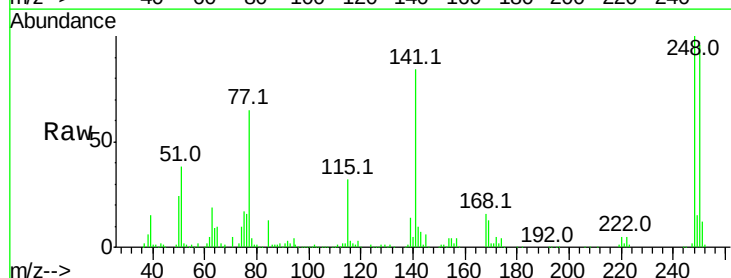
Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

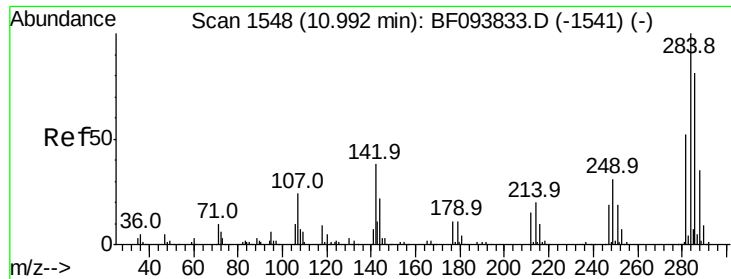
Tot Ion:169 Resp: 843831
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.2 79.8
 167 37.3 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 48.37 ng
 RT: 10.91 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion:248 Resp: 242917
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.8 115.2
 141 84.0 68.6 103.0

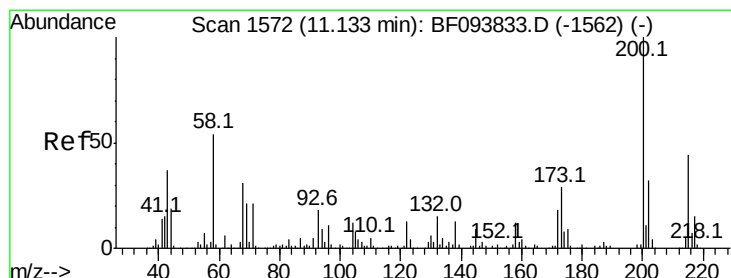
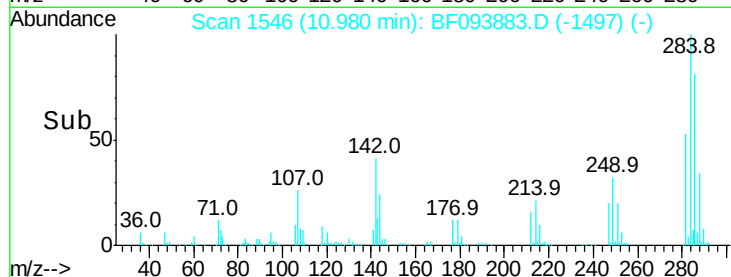
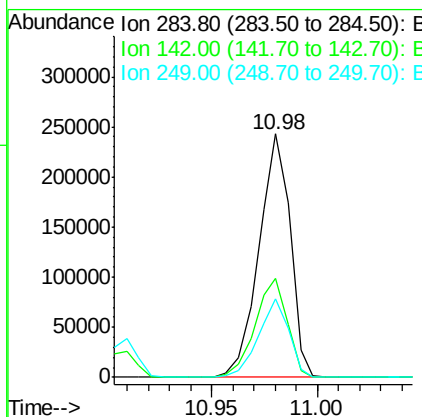
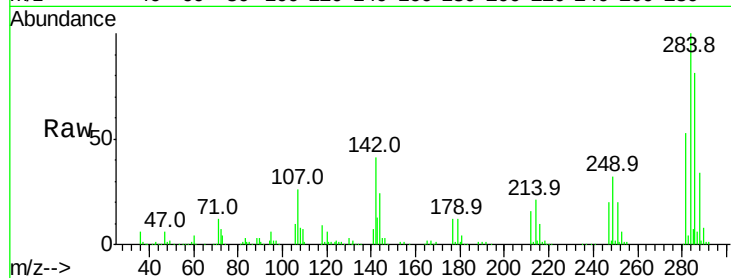




#67
Hexachlorobenzene
Concen: 49.10 ng
RT: 10.98 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

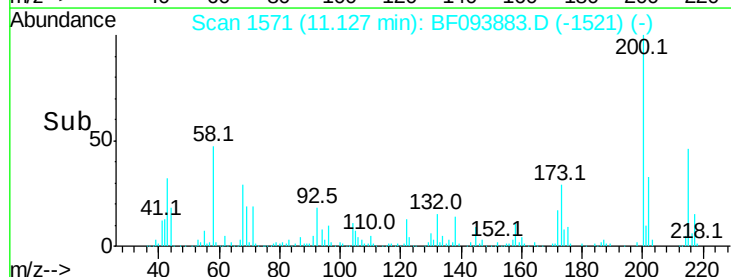
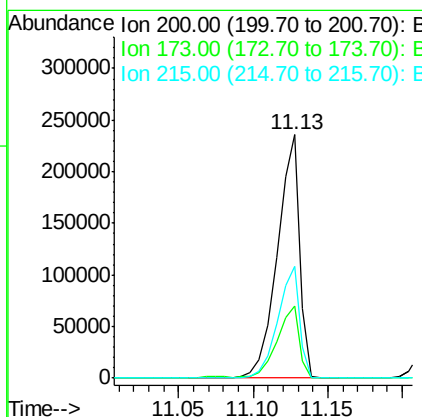
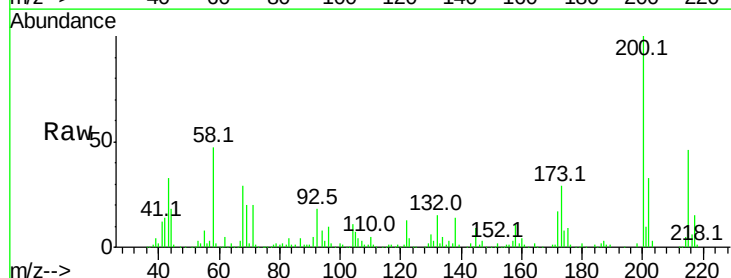
Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

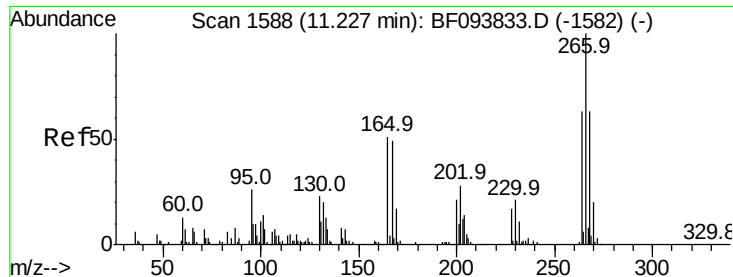
Tot Ion:284 Resp: 249643
Ion Ratio Lower Upper
284 100
142 40.7 22.8 34.2#
249 32.1 24.0 36.0



#68
Atrazine
Concen: 46.45 ng
RT: 11.13 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion:200 Resp: 245677
Ion Ratio Lower Upper
200 100
173 29.4 6.3 46.3
215 45.9 27.2 67.2

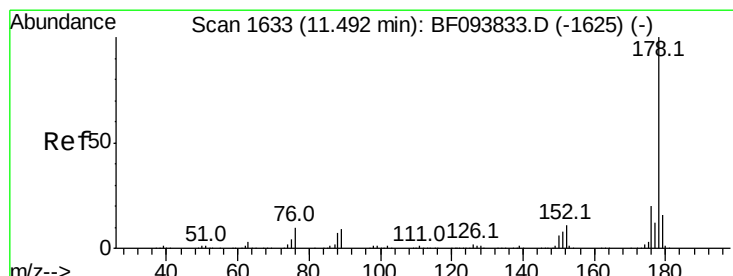
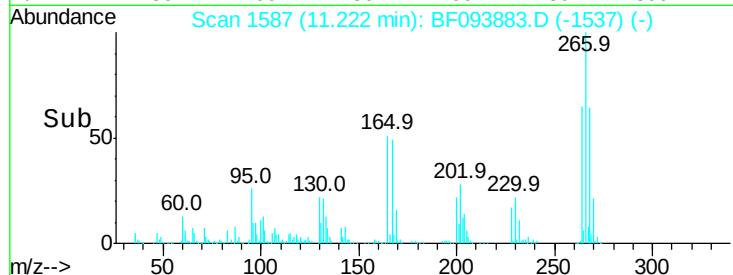
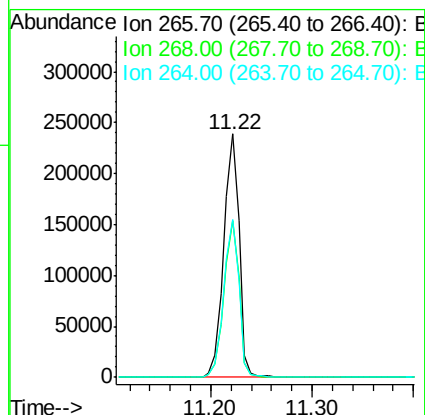
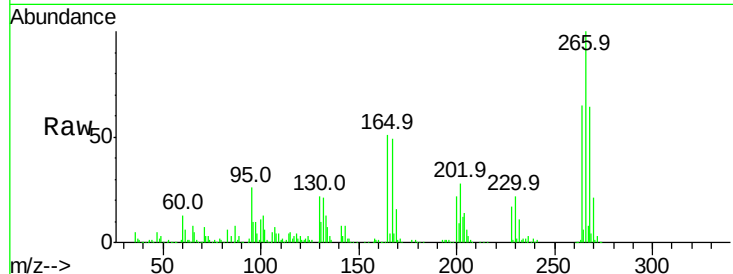




#69
 Pentachlorophenol
 Concen: 79.89 ng
 RT: 11.22 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

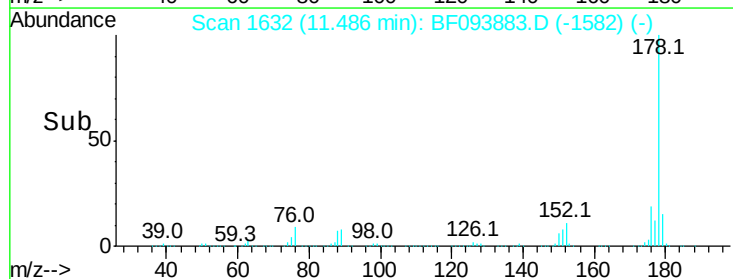
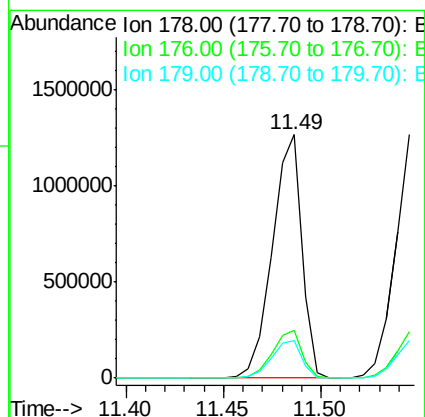
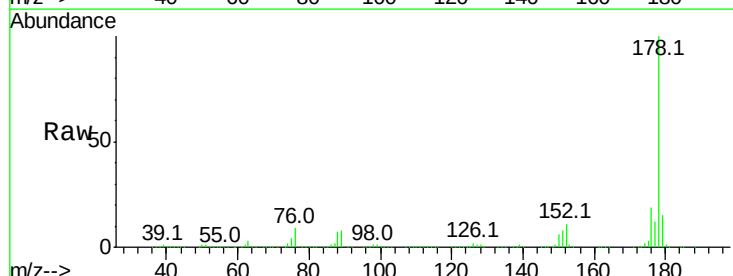
Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

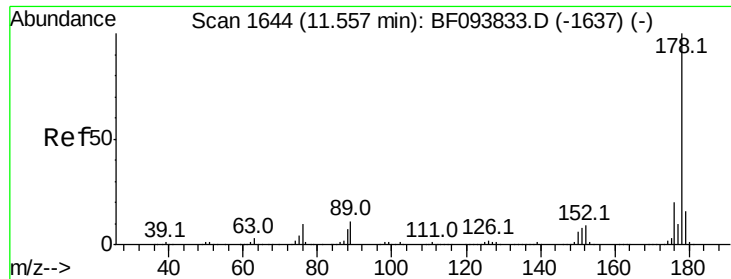
Tot Ion:266 Resp: 252806
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.1 76.7
 264 64.7 51.7 77.5



#70
 Phenanthrene
 Concen: 46.47 ng
 RT: 11.49 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion:178 Resp: 1320209
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.2 12.6 19.0

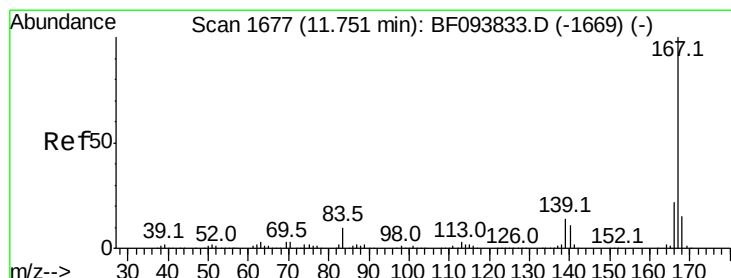
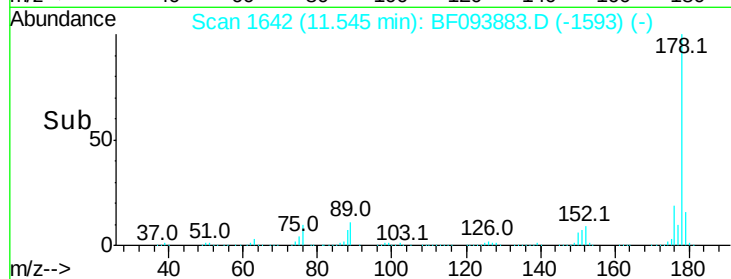
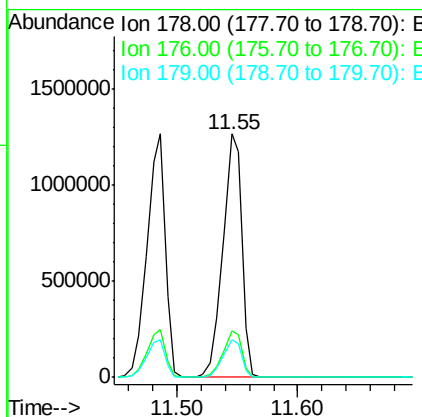
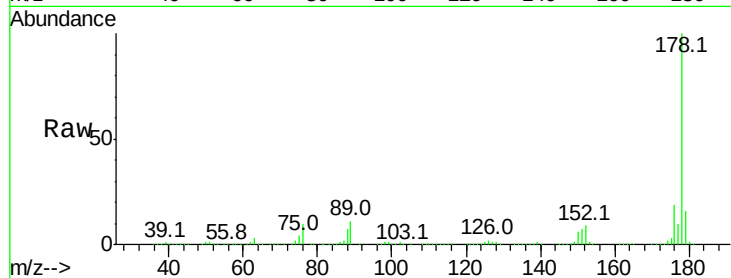




#71
 Anthracene
 Concen: 46.73 ng
 RT: 11.55 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

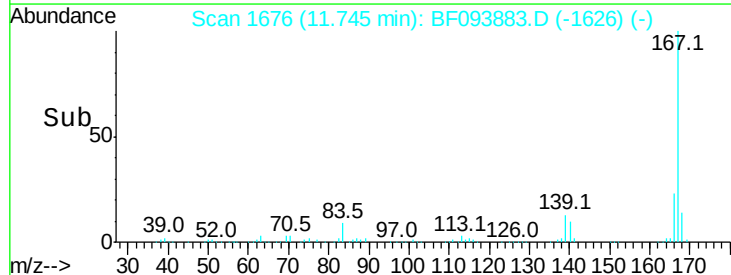
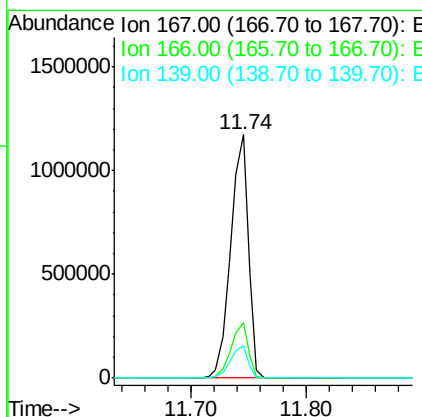
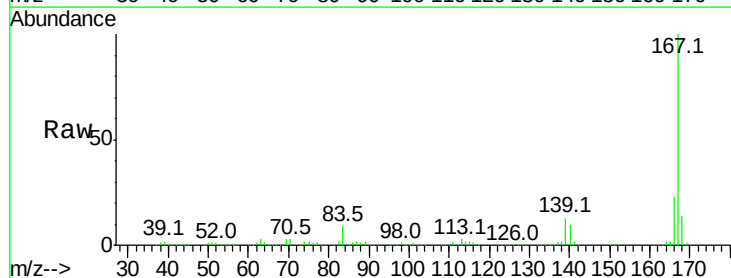
Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

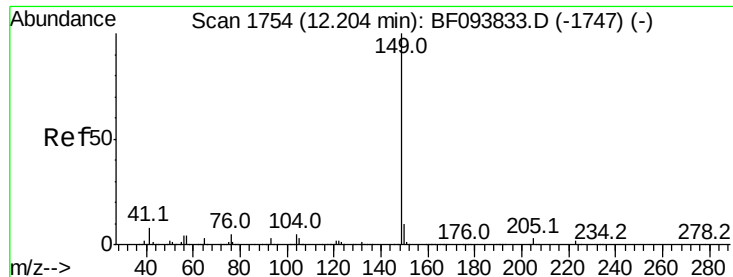
Tot Ion:178 Resp: 1366792
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 41.56 ng
 RT: 11.74 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion:167 Resp: 1246561
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 49.15 ng

RT: 12.20 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

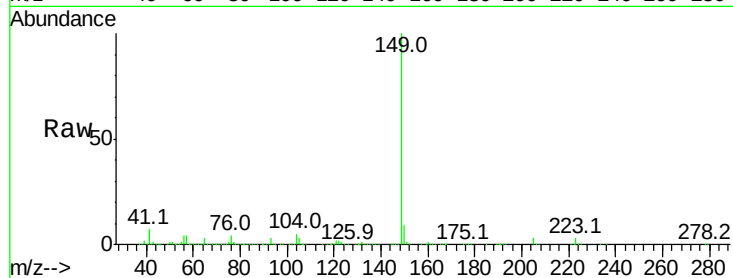
Tot Ion:149 Resp: 1532925

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

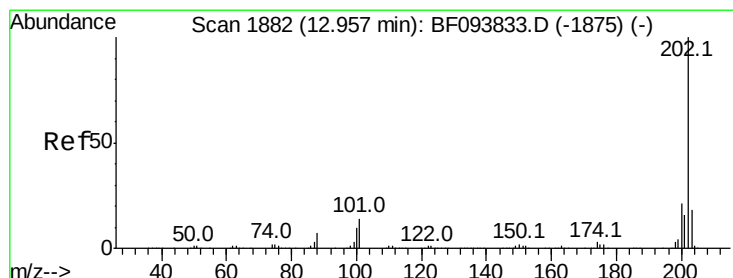
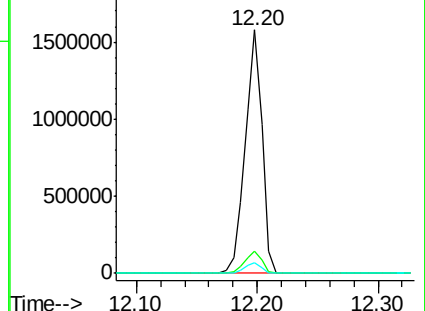
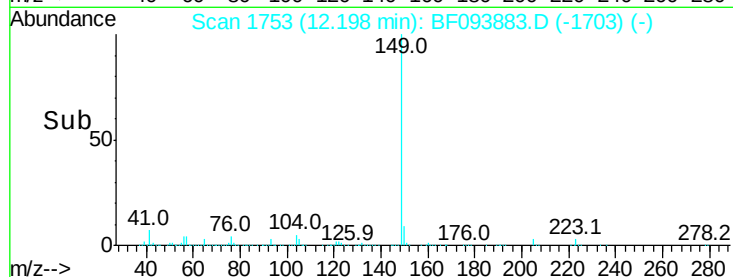
104 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.13 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

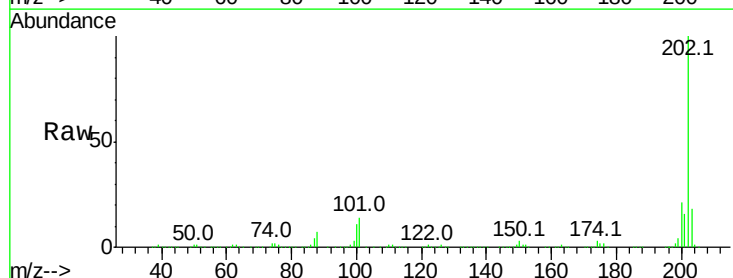
Tgt Ion:202 Resp: 1283629

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

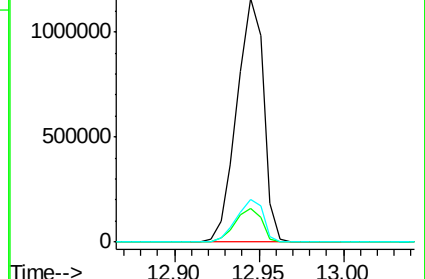
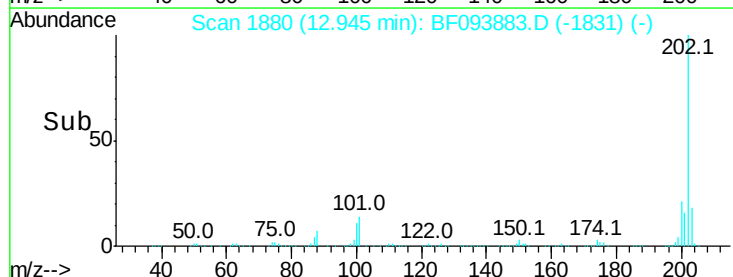
203 17.8 0.0 38.1

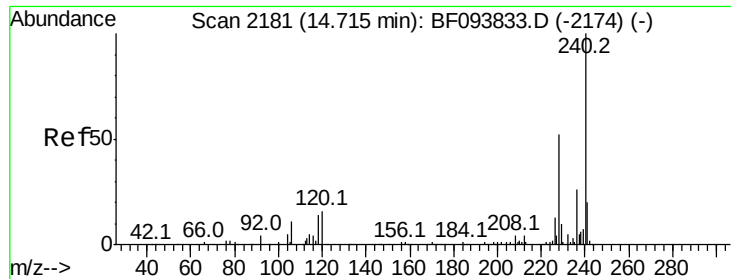


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

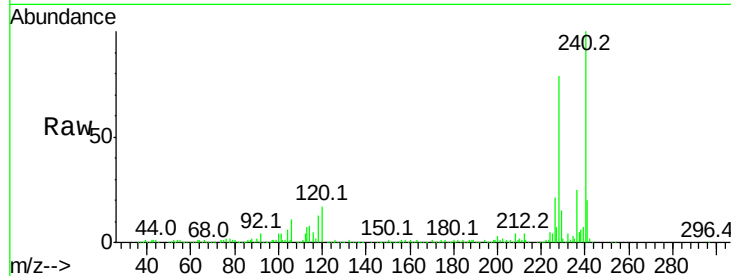
Tot Ion:240 Resp: 311691

Ion Ratio Lower Upper

240 100

120 16.7 5.8 8.8#

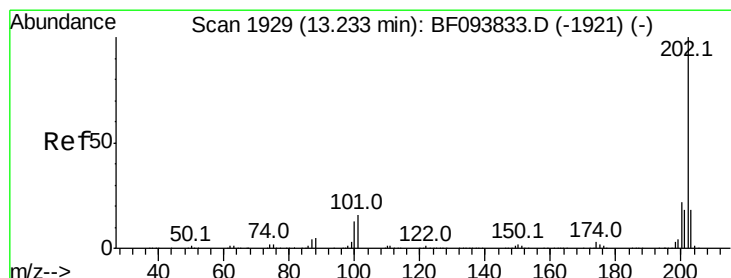
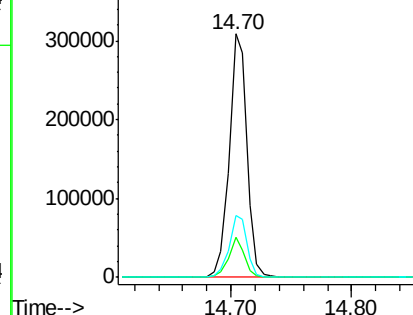
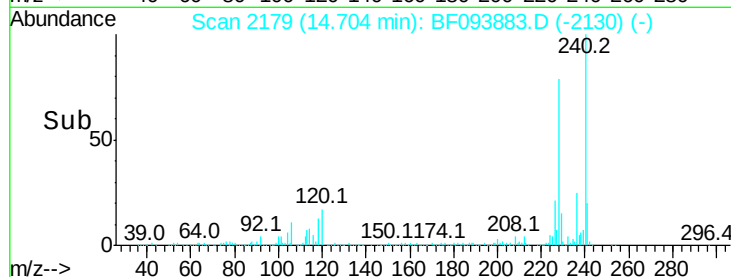
236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 55.92 ng

RT: 13.22 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

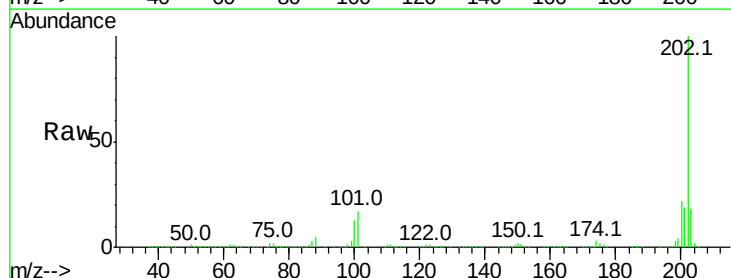
Tgt Ion:202 Resp: 1265044

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

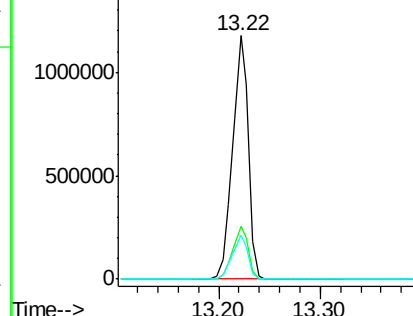
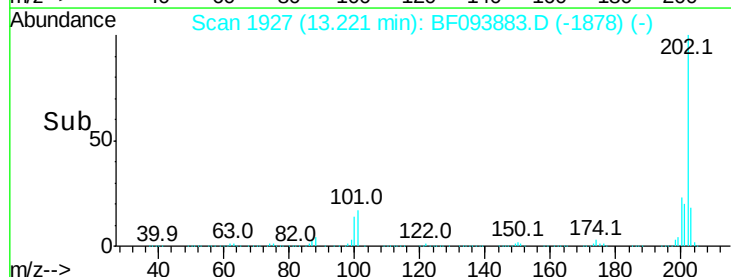
203 17.9 14.4 21.6

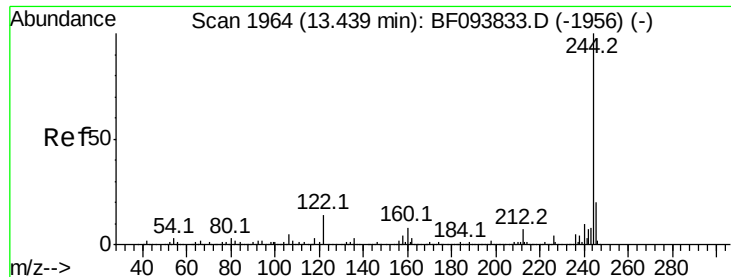


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 104.27 ng

RT: 13.43 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

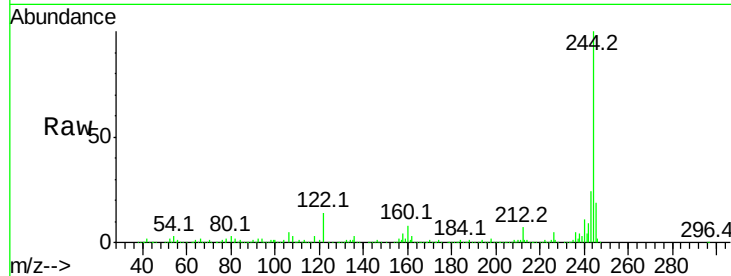
Tot Ion:244 Resp: 1449982

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

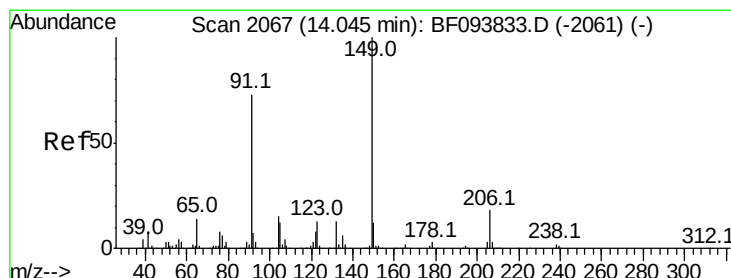
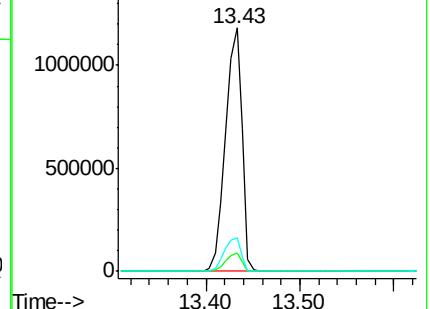
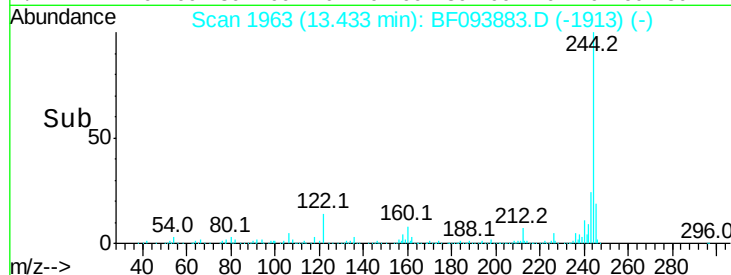
122 13.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 57.28 ng

RT: 14.04 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

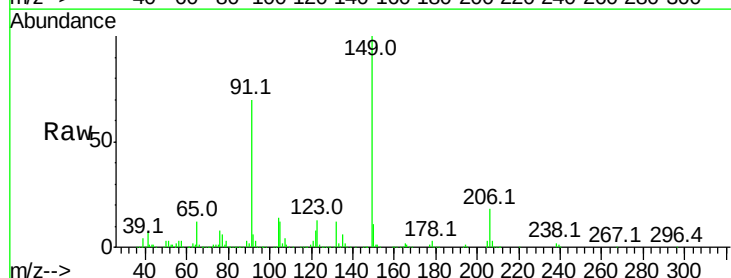
Tgt Ion:149 Resp: 552069

Ion Ratio Lower Upper

149 100

91 70.1 45.0 67.4#

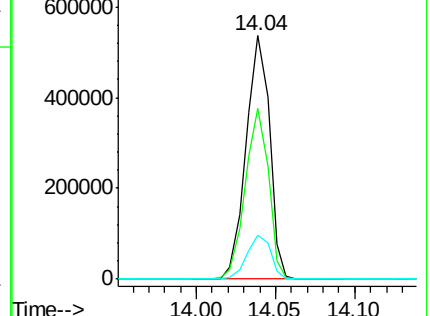
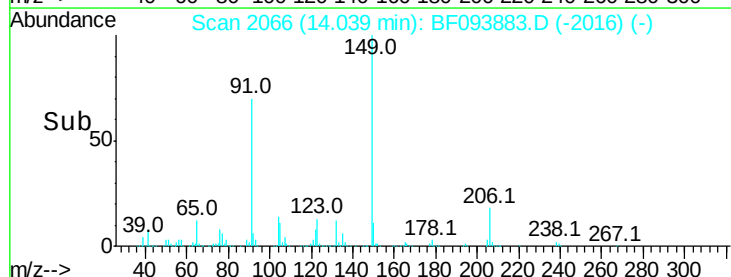
206 18.0 17.0 25.6

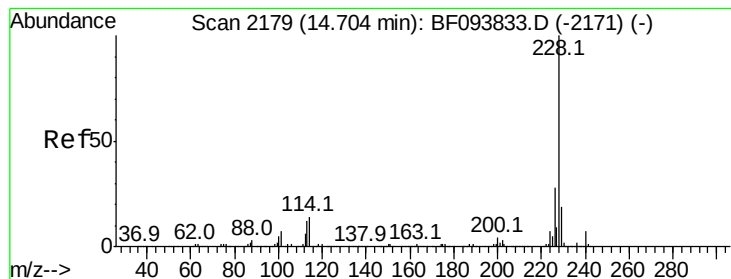


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 47.24 ng

RT: 14.69 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

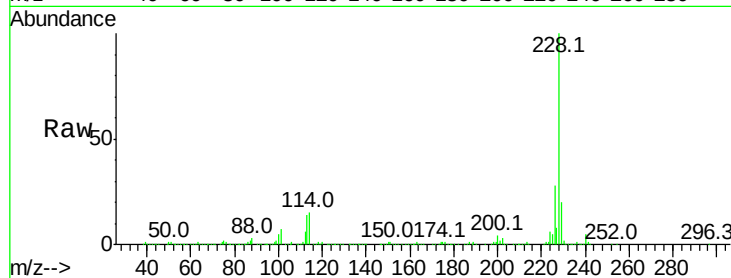
Tot Ion:228 Resp: 858671

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

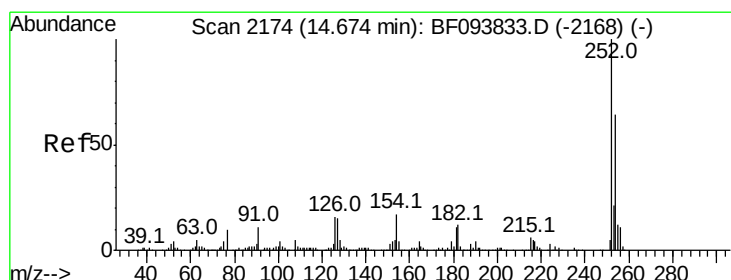
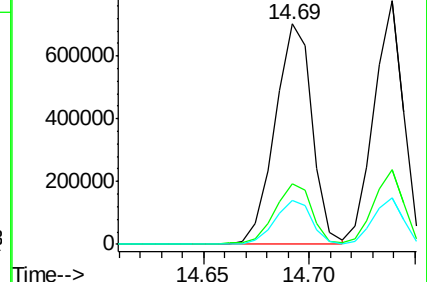
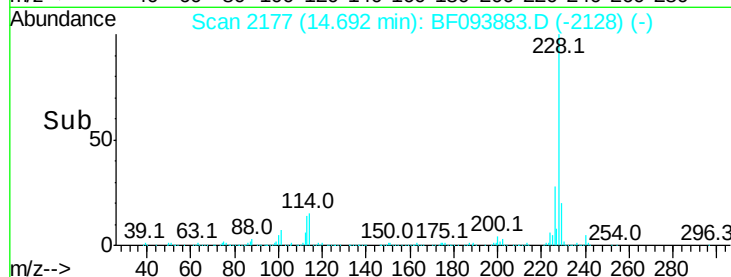
229 20.1 16.3 24.5



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



#81

3,3'-Dichlorobenzidine

Concen: 28.23 ng

RT: 14.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

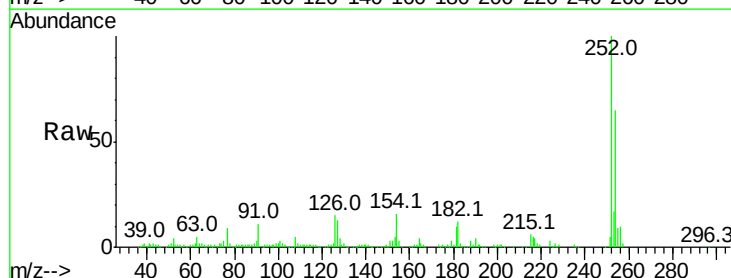
Tgt Ion:252 Resp: 183429

Ion Ratio Lower Upper

252 100

254 64.8 51.5 77.3

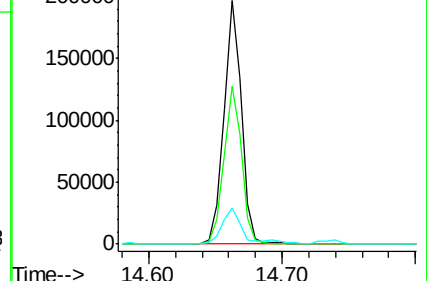
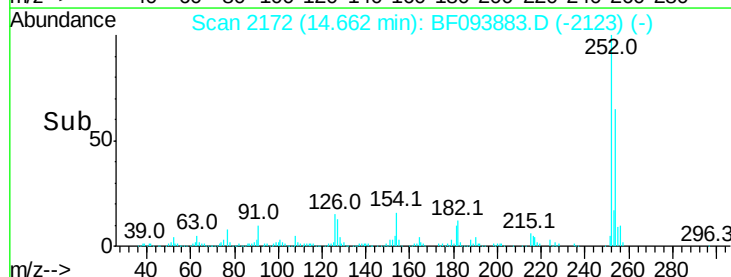
126 15.0 15.8 23.8#

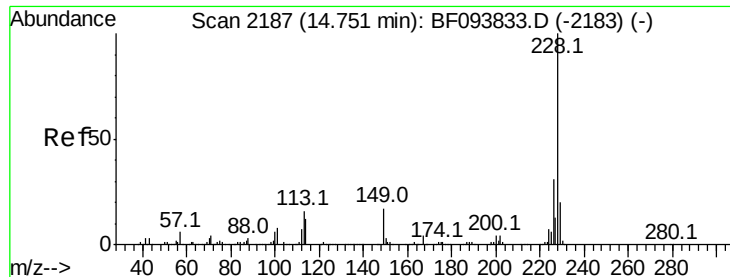


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.14 ng

RT: 14.74 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

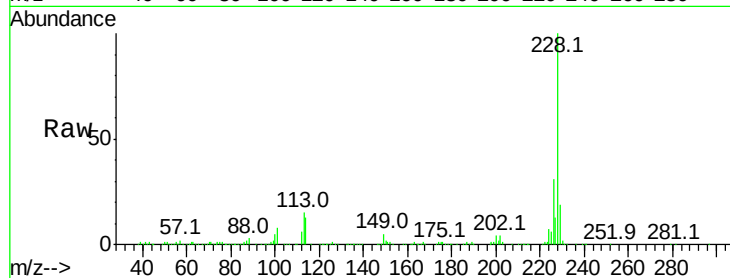
Tot Ion:228 Resp: 761422

Ion Ratio Lower Upper

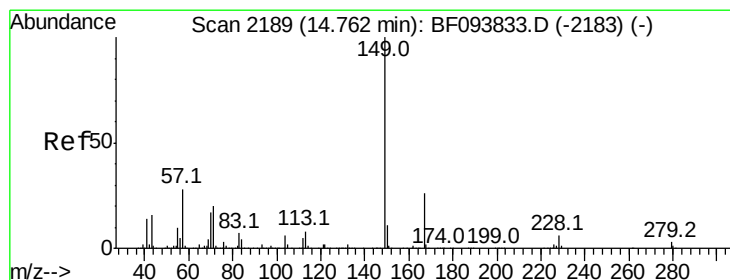
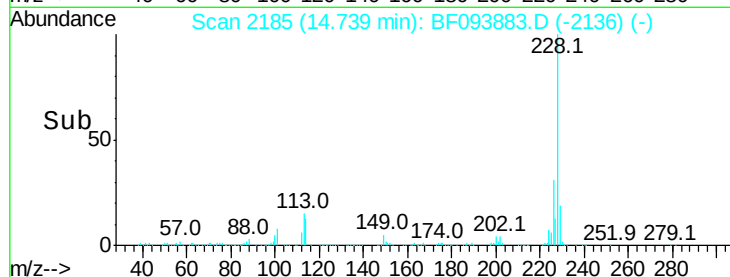
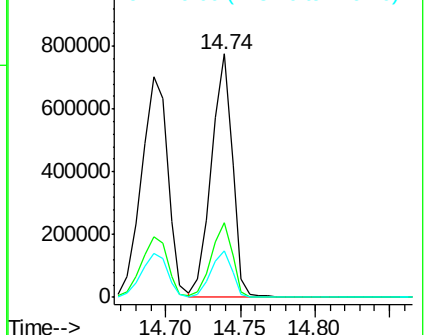
228 100

226 30.9 24.9 37.3

229 19.3 15.8 23.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 53.40 ng

RT: 14.76 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

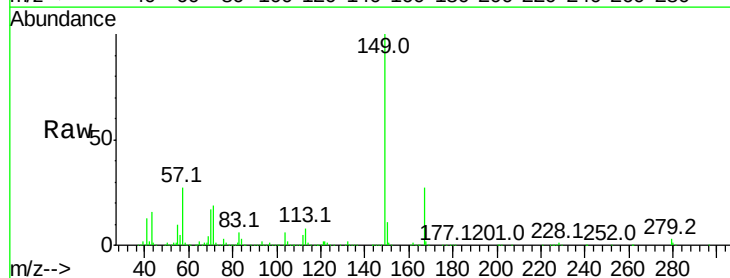
Tgt Ion:149 Resp: 702132

Ion Ratio Lower Upper

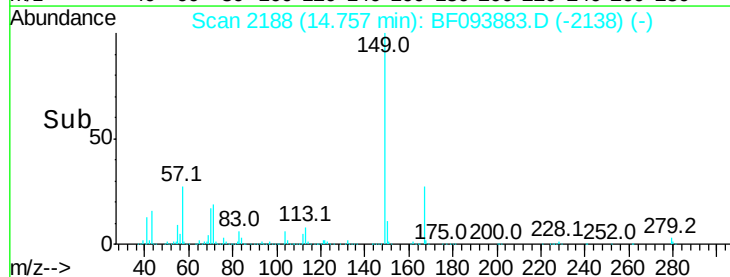
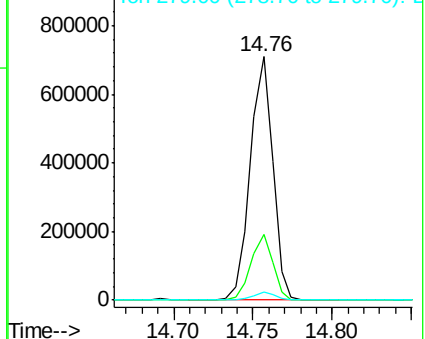
149 100

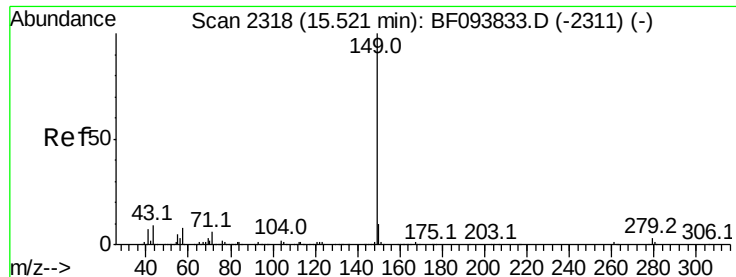
167 26.8 21.0 31.4

279 3.1 1.9 2.9#



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

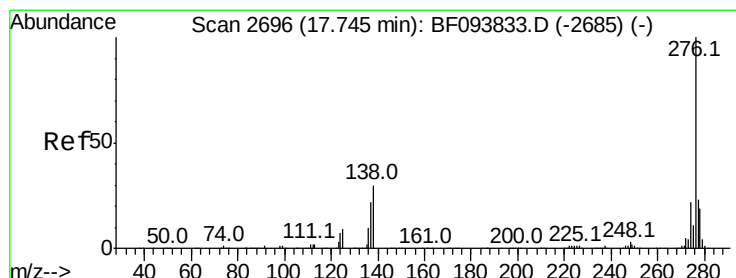
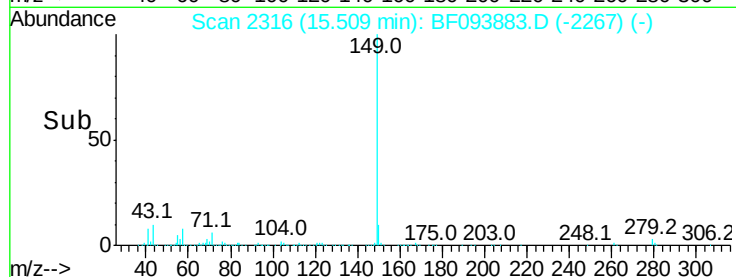
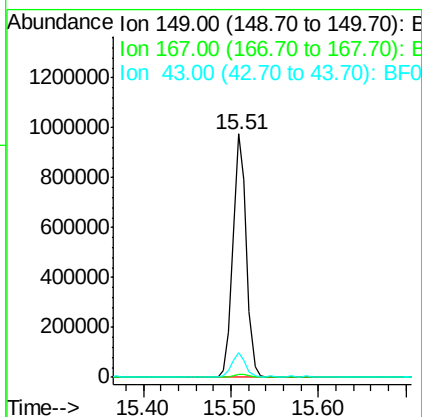
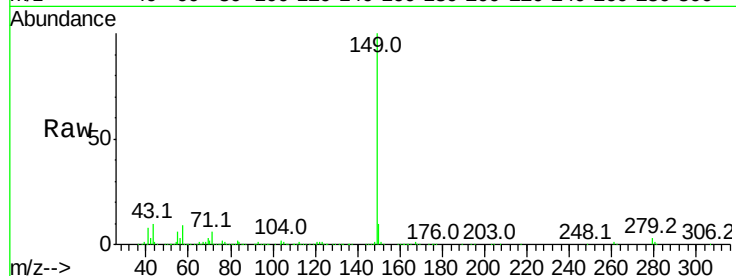




#84
Di-n-octyl phthalate
Concen: 46.65 ng
RT: 15.51 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

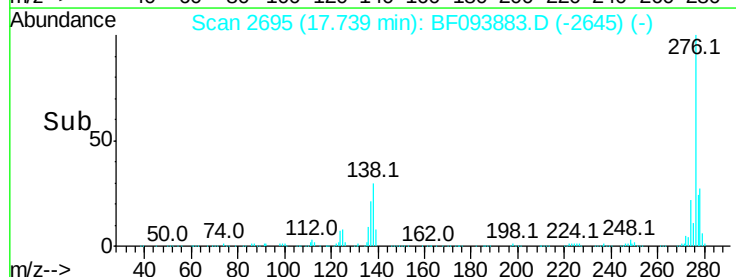
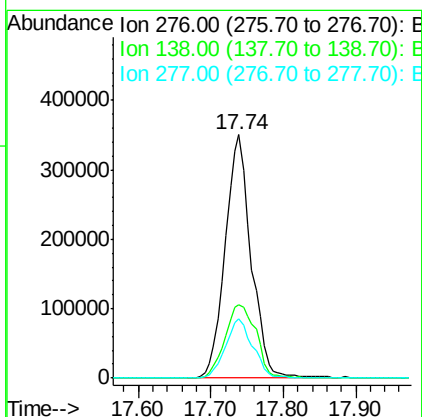
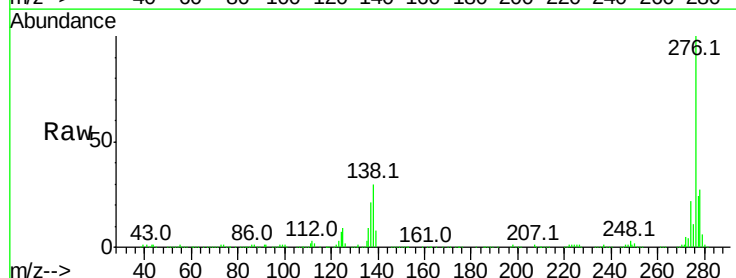
Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

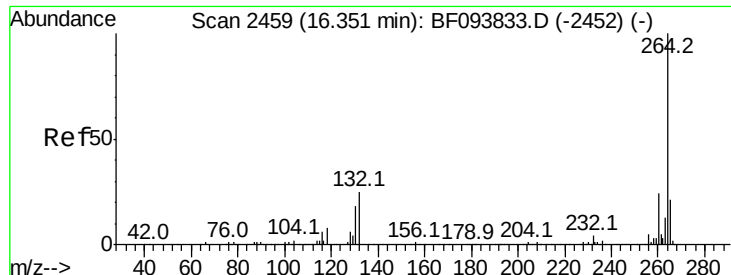
Tot Ion:149 Resp: 1024748
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 59.82 ng
RT: 17.74 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion:276 Resp: 873903
Ion Ratio Lower Upper
276 100
138 36.3 27.8 41.6
277 25.6 20.2 30.4

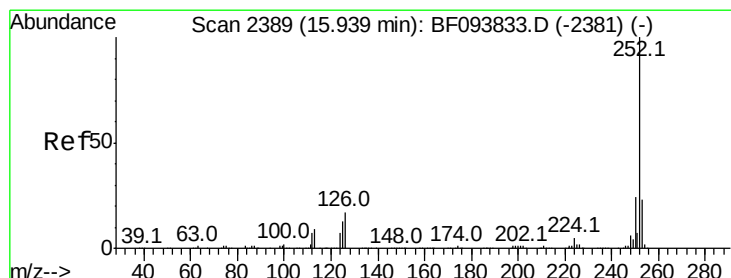
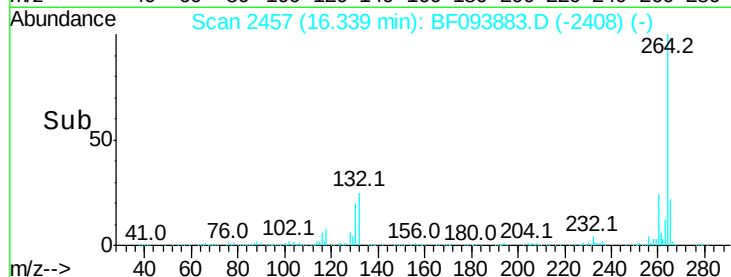
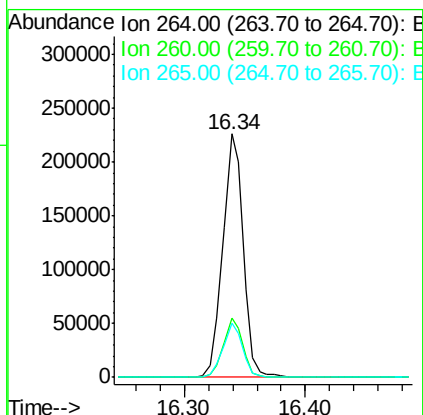
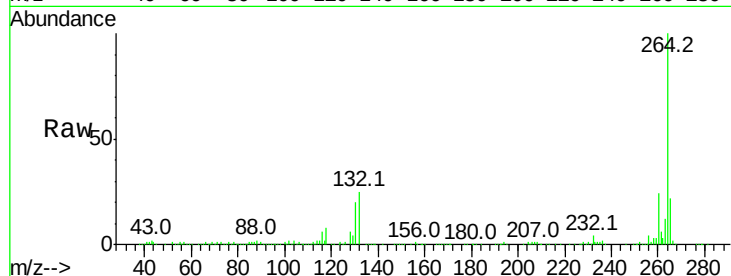




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

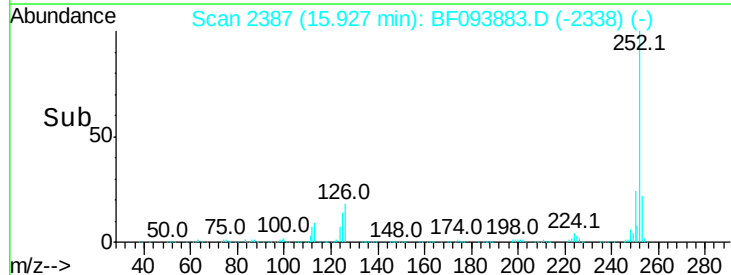
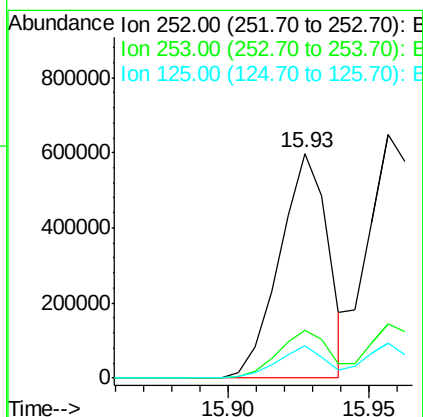
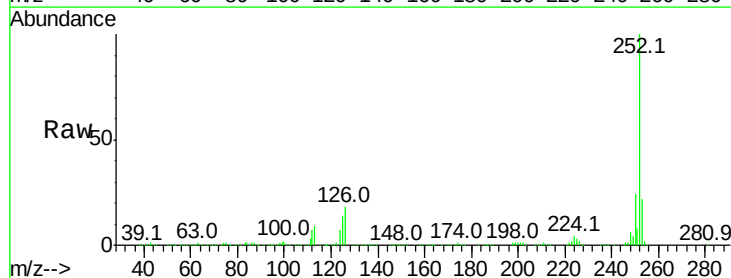
Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

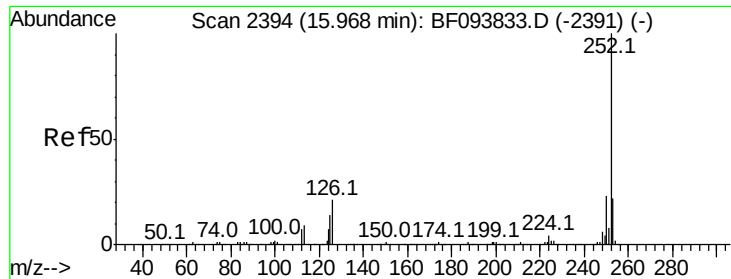
Tot Ion:264 Resp: 264544
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 22.2 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 44.02 ng
RT: 15.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion:252 Resp: 713813
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 14.2 9.8 14.8

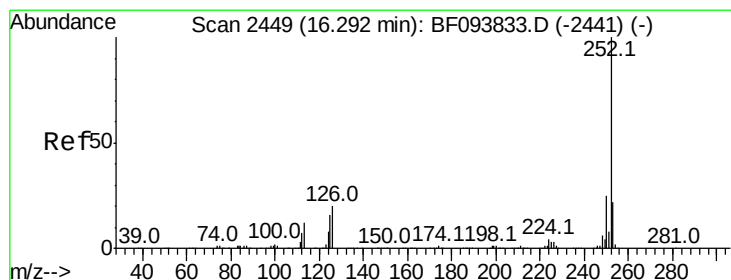
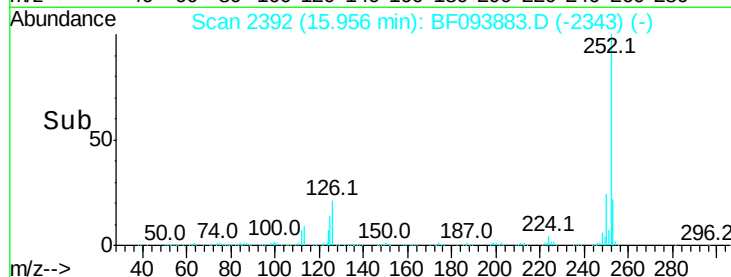
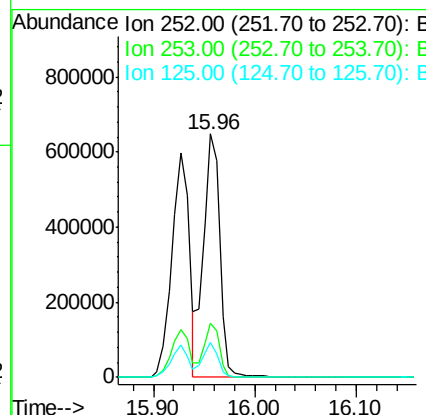
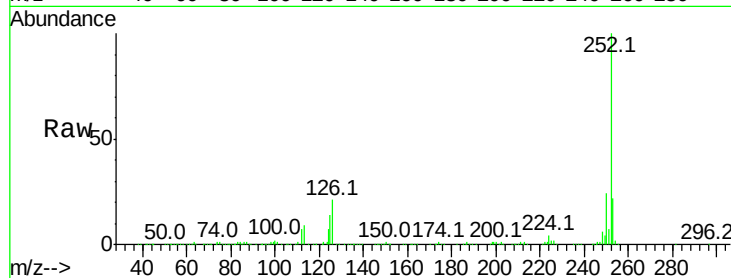




#88
Benzo(k)fluoranthene
Concen: 45.73 ng
RT: 15.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

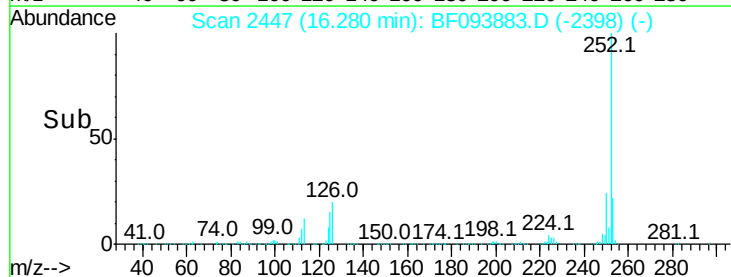
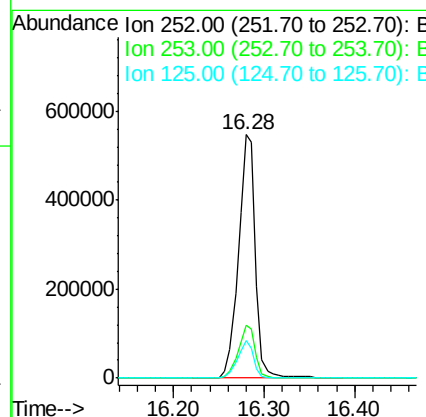
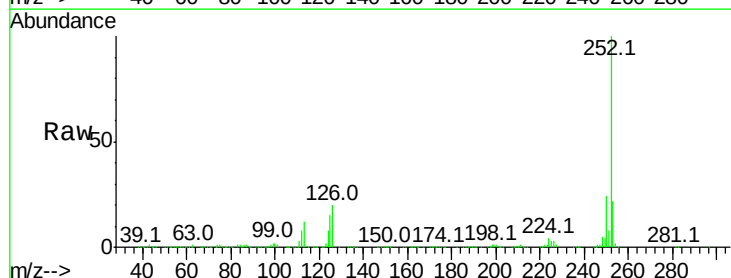
Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

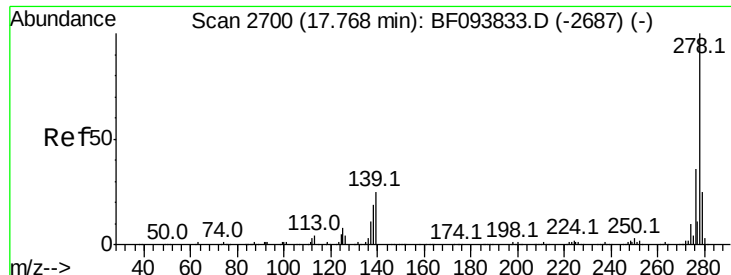
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	14.2	13.1	19.7



#89
Benzo(a)pyrene
Concen: 48.01 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.5	11.0	16.4



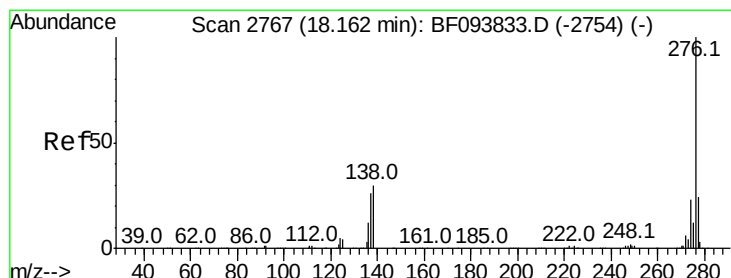
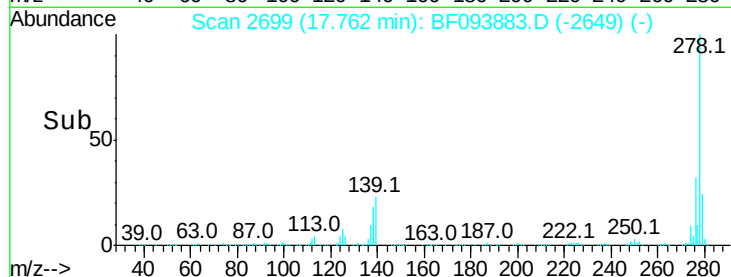
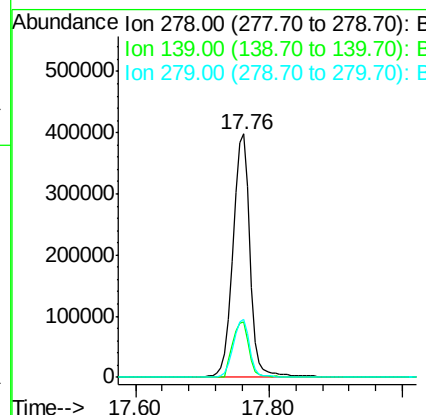
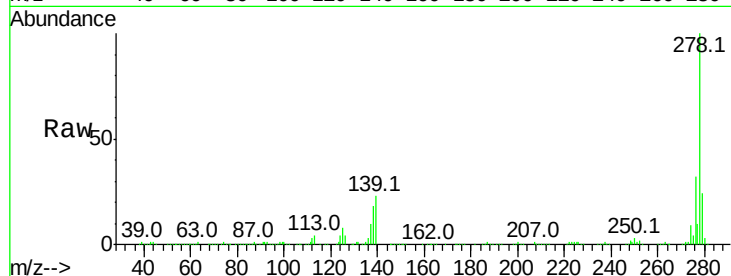


#90
Dibenzo(a,h)anthracene
Concen: 57.33 ng
RT: 17.76 min Scan# 2699
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tot Ion:278 Resp: 724993

Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.6	24.8
279	23.7	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 59.30 ng
RT: 18.15 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion:276 Resp: 755776

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	30.6	25.4	38.0

