

Data Path : Z:\HPCHEM1\BNA F\Data\BF033117\
 Data File : BF094087.D
 Acq On : 31 Mar 2017 10:42
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 31 14:22:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	205823	20.00	ng	-0.05
21) Naphthalene-d8	7.41	136	834614	20.00	ng	-0.05
38) Acenaphthene-d10	9.55	164	389360	20.00	ng	-0.05
63) Phenanthrene-d10	11.37	188	691573	20.00	ng	-0.05
75) Chrysene-d12	14.63	240	554911	20.00	ng	-0.05
86) Perylene-d12	16.25	264	458270	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	942593	77.35	ng	-0.04
7) Phenol-d6	5.51	99	1156060	76.69	ng	-0.04
23) Nitrobenzene-d5	6.56	82	1172263	80.16	ng	-0.05
41) 2,4,6-Tribromophenol	10.52	330	268929	87.41	ng	-0.05
44) 2-Fluorobiphenyl	8.73	172	2062068	80.78	ng	-0.05
78) Terphenyl-d14	13.35	244	1949443	78.75	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.25	88	224835	38.40	ng	97
3) Pyridine	2.75	79	600352	37.63	ng	100
4) n-Nitrosodimethylamine	2.72	42	249954	38.07	ng	91
6) Aniline	5.53	93	752447	35.88	ng	# 42
8) 2-Chlorophenol	5.67	128	540929	40.38	ng	95
9) Benzaldehyde	5.40	77	363859	35.75	ng	98
10) Phenol	5.53	94	641683	37.41	ng	# 73
11) bis(2-Chloroethyl)ether	5.61	93	530714	39.59	ng	99
12) 1,3-Dichlorobenzene	5.84	146	601537	40.04	ng	99
13) 1,4-Dichlorobenzene	5.92	146	614341	40.37	ng	97
14) 1,2-Dichlorobenzene	6.10	146	561470	40.07	ng	97
15) Benzyl Alcohol	6.07	79	420518	38.11	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.23	45	759470	36.76	ng	94
17) 2-Methylphenol	6.22	107	450051	39.23	ng	96
18) Hexachloroethane	6.49	117	215916	40.37	ng	# 86
19) n-Nitroso-di-n-propylamine	6.39	70	379198	39.14	ng	98
20) 3+4-Methylphenols	6.40	107	572833	41.23	ng	# 62
22) Acetophenone	6.38	105	771479	41.47	ng	# 87
24) Nitrobenzene	6.58	77	571687	39.64	ng	92
25) Isophorone	6.87	82	1029974	40.08	ng	# 94
26) 2-Nitrophenol	6.95	139	308815	44.90	ng	98
27) 2,4-Dimethylphenol	7.02	122	477772	40.31	ng	98
28) bis(2-Chloroethoxy)methane	7.13	93	674900	39.83	ng	98
29) 2,4-Dichlorophenol	7.25	162	464204	41.89	ng	100
30) 1,2,4-Trichlorobenzene	7.34	180	466831	40.90	ng	98
31) Naphthalene	7.43	128	1605895	40.02	ng	99
32) Benzoic acid	7.19	122	285075	36.13	ng	96
33) 4-Chloroaniline	7.50	127	662885	40.76	ng	# 93
34) Hexachlorobutadiene	7.59	225	242332	41.40	ng	98
35) Caprolactam	7.96	113	150063	42.46	ng	95
36) 4-Chloro-3-methylphenol	8.12	107	483249	41.73	ng	90
37) 2-Methylnaphthalene	8.27	142	1084742	40.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	432388	40.59	ng	99
40) Hexachlorocyclopentadiene	8.47	237	205105	41.15	ng	99

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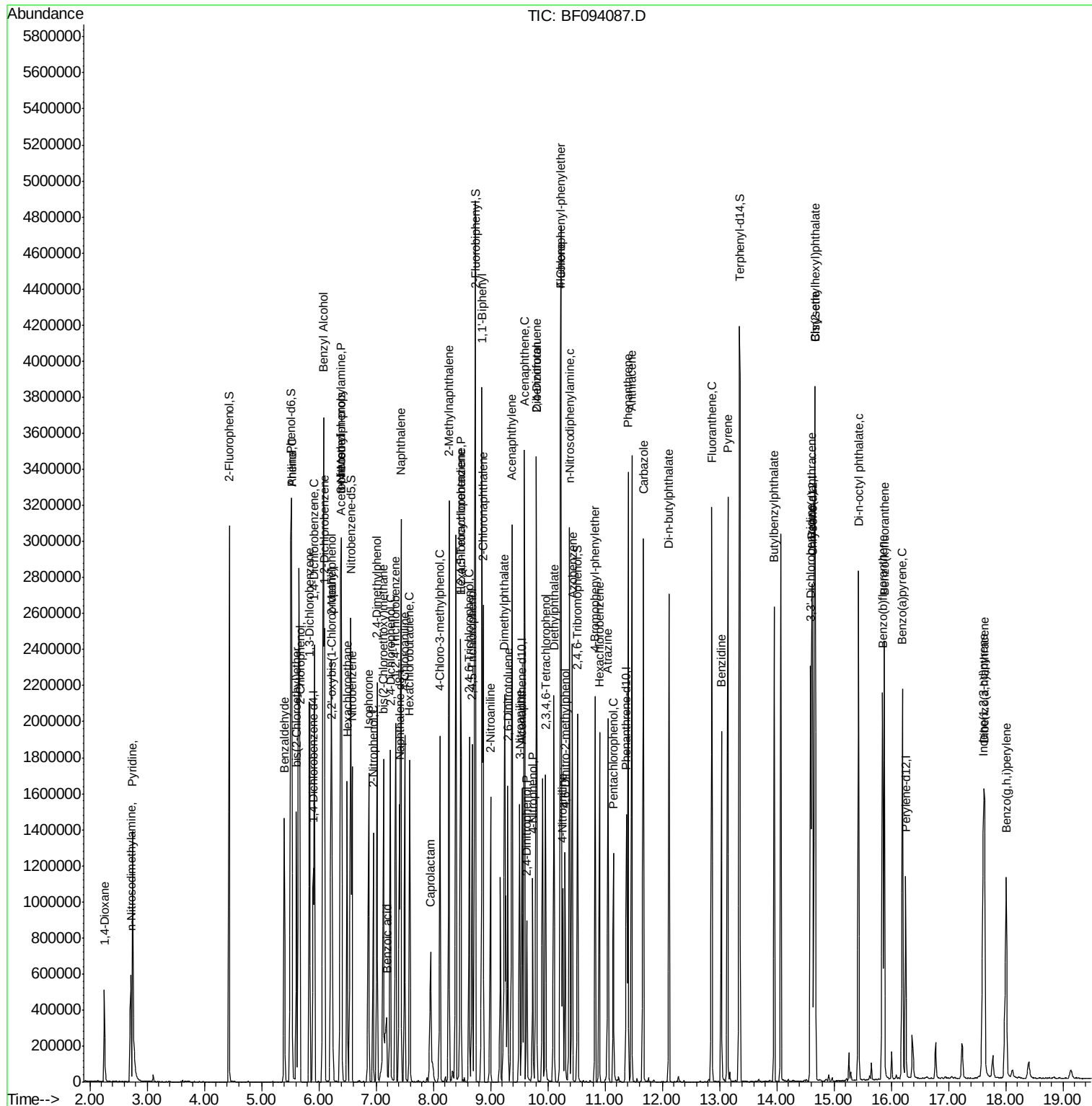
Instrument :
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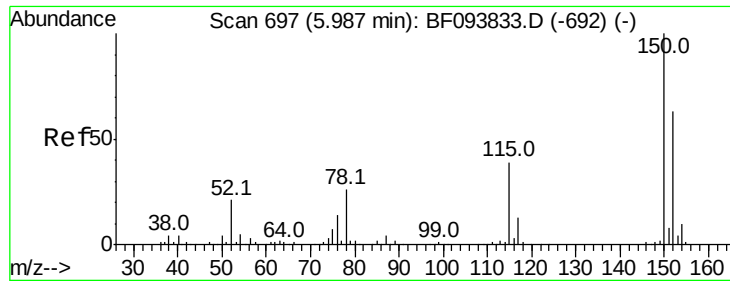
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.63	196	304190	40.37	nq	98
43) 2,4,5-Trichlorophenol	8.68	196	332071	40.72	nq	94
45) 1,1'-Biphenyl	8.85	154	1226372	39.05	nq	98
46) 2-Chloronaphthalene	8.87	162	958203	38.98	nq	94
47) 2-Nitroaniline	9.00	65	300740	41.24	nq	# 85
48) Acenaphthylene	9.38	152	1590344	38.92	nq	99
49) Dimethylphthalate	9.25	163	1137830	41.11	nq	99
50) 2,6-Dinitrotoluene	9.30	165	268860	42.38	nq	# 87
51) Acenaphthene	9.59	154	934669	39.21	nq	99
52) 3-Nitroaniline	9.51	138	308367	41.39	nq	91
53) 2,4-Dinitrophenol	9.64	184	140694	43.69	nq	# 65
54) Dibenzofuran	9.80	168	1244517	38.35	nq	99
55) 4-Nitrophenol	9.74	139	232051	39.77	nq	# 69
56) 2,4-Dinitrotoluene	9.80	165	321349	40.32	nq	# 71
57) Fluorene	10.23	166	1021638	37.96	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	226430	40.47	nq	98
59) Diethylphthalate	10.11	149	1115095	40.76	nq	98
60) 4-Chlorophenyl-phenylether	10.23	204	437257	38.14	nq	90
61) 4-Nitroaniline	10.27	138	314711	44.02	nq	97
62) Azobenzene	10.43	77	996684	38.52	nq	95
64) 4,6-Dinitro-2-methylphenol	10.30	198	191925	45.32	nq	# 72
65) n-Nitrosodiphenylamine	10.38	169	945435	39.53	nq	98
66) 4-Bromophenyl-phenylether	10.83	248	278750	40.98	nq	96
67) Hexachlorobenzene	10.90	284	284210	41.28	nq	# 91
68) Atrazine	11.05	200	292525	40.84	nq	96
69) Pentachlorophenol	11.15	266	150039	35.01	nq	100
70) Phenanthrene	11.40	178	1503758	39.09	nq	99
71) Anthracene	11.47	178	1553064	39.21	nq	99
72) Carbazole	11.67	167	1594050	39.25	nq	99
73) Di-n-butylphthalate	12.12	149	1731174	40.98	nq	99
74) Fluoranthene	12.87	202	1563767	39.70	nq	99
76) Benzidine	13.03	184	777290	35.39	nq	96
77) Pyrene	13.15	202	1599272	39.71	nq	99
79) Butylbenzylphthalate	13.96	149	734977	42.83	nq	# 83
80) Benzo(a)anthracene	14.62	228	1300485	40.19	nq	99
81) 3,3'-Dichlorobenzidine	14.59	252	481102	41.60	nq	# 95
82) Chrysene	14.66	228	1164374	38.78	nq	100
83) Bis(2-ethylhexyl)phthalate	14.67	149	976251	41.70	nq	# 99
84) Di-n-octyl phthalate	15.43	149	1681265	42.99	nq	98
85) Indeno(1,2,3-cd)pyrene	17.61	276	1054177	40.53	nq	100
87) Benzo(b)fluoranthene	15.85	252	1128925	40.19	nq	99
88) Benzo(k)fluoranthene	15.88	252	1096568	39.90	nq	96
89) Benzo(a)pyrene	16.20	252	1041139	40.25	nq	98
90) Dibenzo(a,h)anthracene	17.63	278	885386	40.42	nq	99
91) Benzo(g,h,i)perylene	18.01	276	889994	40.31	nq	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.90 min Scan# 683

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

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SSTDCCC040

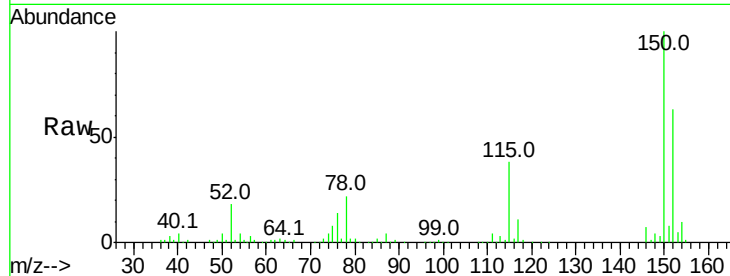
Tot Ion:152 Resp: 205823

Ion Ratio Lower Upper

152 100

150 157.5 126.2 189.2

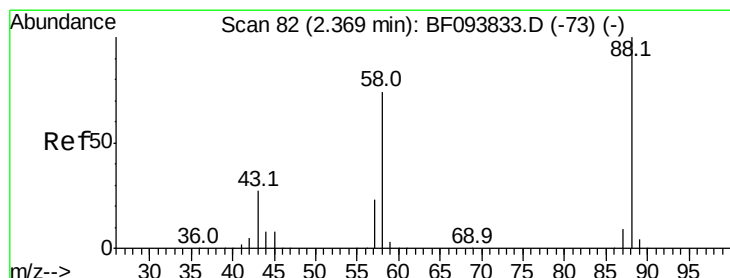
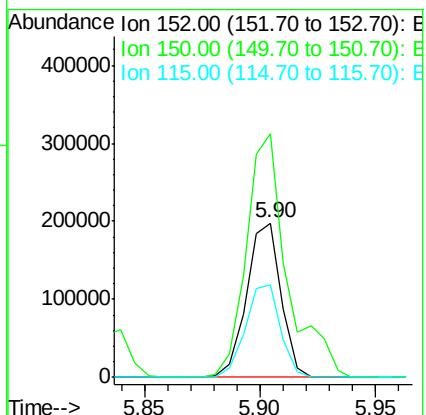
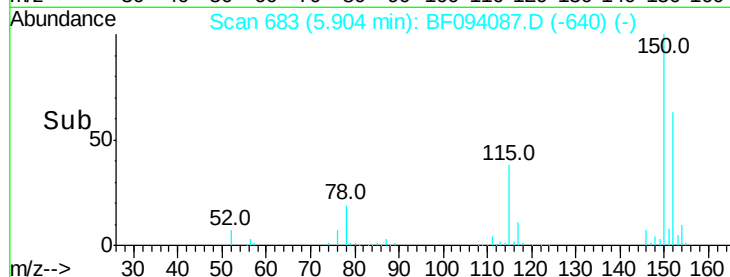
115 60.2 52.2 78.2



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: 38.40 ng

RT: 2.25 min Scan# 62

Delta R.T. -0.07 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

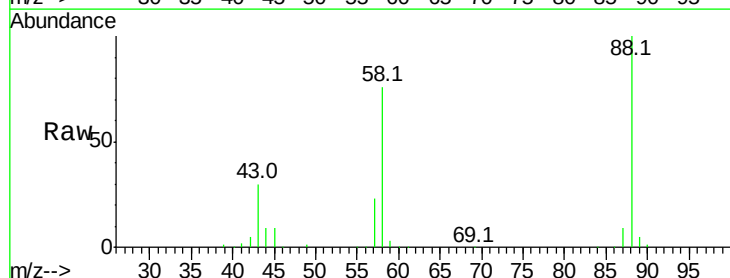
Tgt Ion: 88 Resp: 224835

Ion Ratio Lower Upper

88 100

58 73.6 61.4 92.0

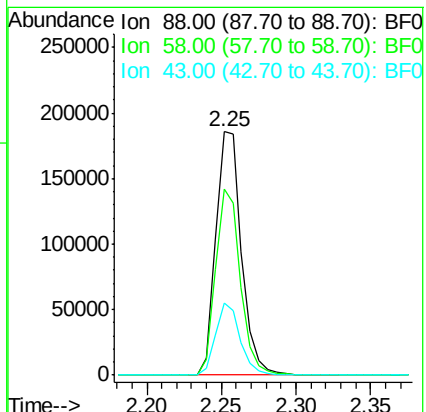
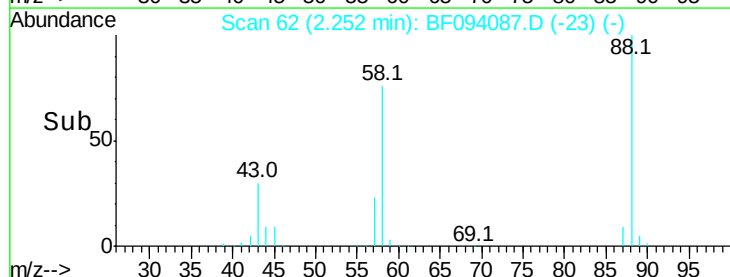
43 28.1 23.4 35.0

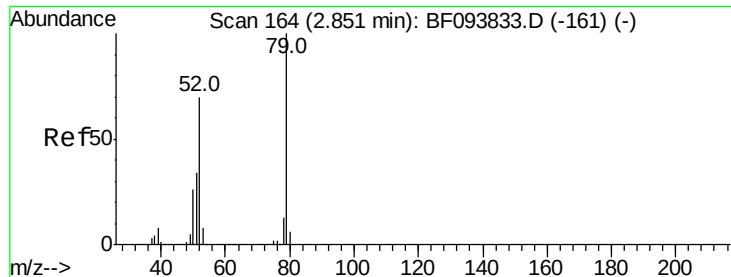


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.63 ng

RT: 2.75 min Scan# 146

Delta R.T. -0.06 min

Lab File: BF094087.D

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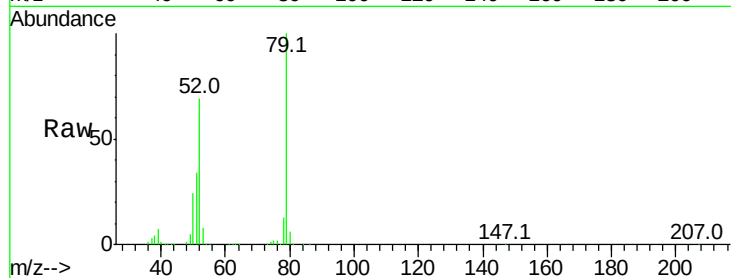
Tot Ion: 79 Resp: 600352

Ion Ratio Lower Upper

79 100

52 68.5 54.8 82.2

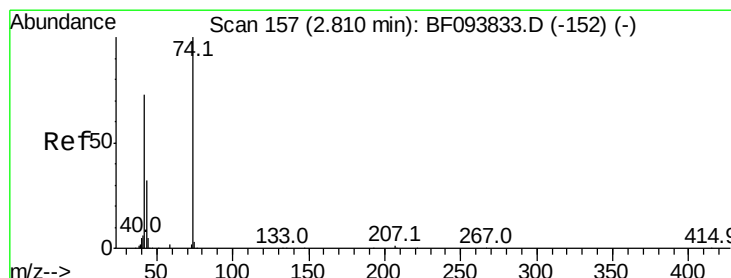
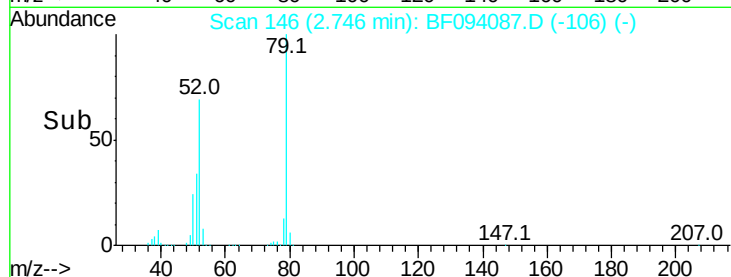
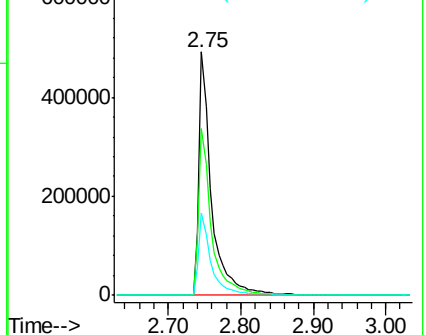
51 33.7 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.07 ng

RT: 2.72 min Scan# 141

Delta R.T. -0.06 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

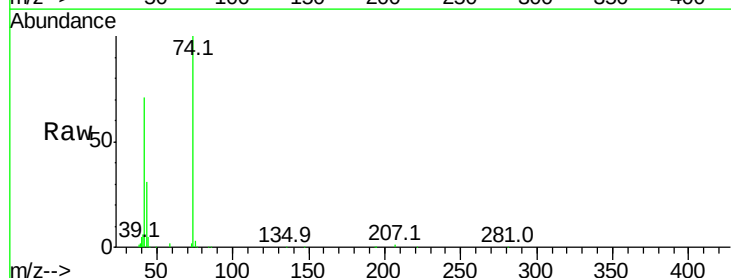
Tgt Ion: 42 Resp: 249954

Ion Ratio Lower Upper

42 100

74 140.9 103.9 155.9

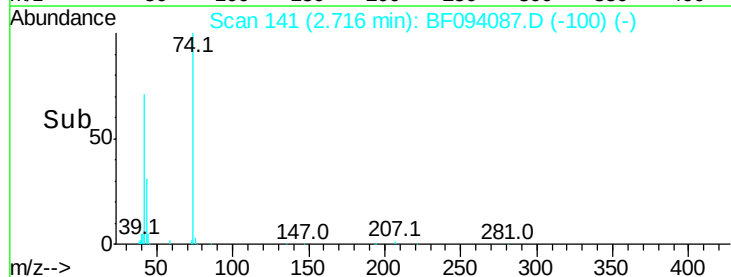
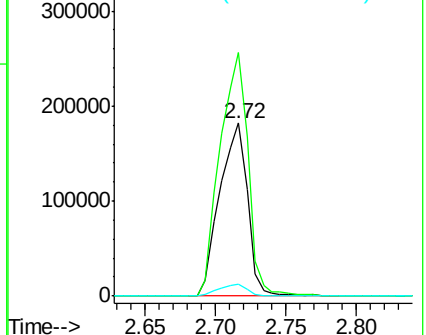
44 7.3 5.7 8.5

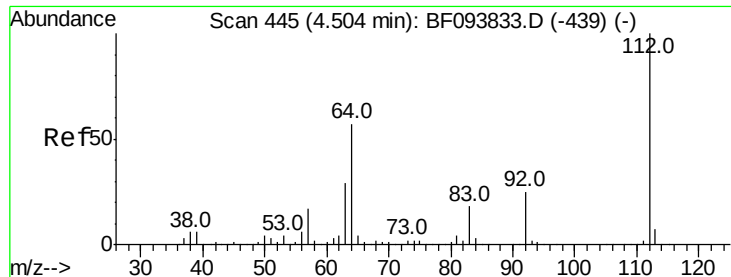


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.35 ng

RT: 4.43 min Scan# 433

Delta R.T. -0.04 min

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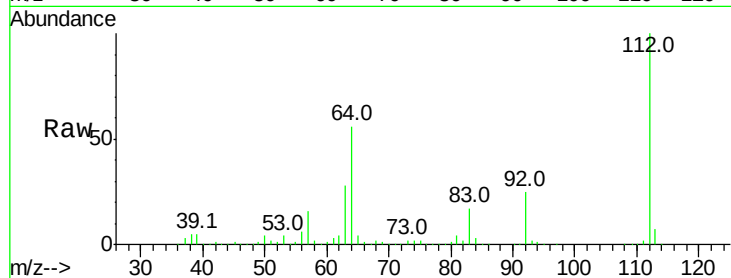
Tot Ion:112 Resp: 942593

Ion Ratio Lower Upper

112 100

64 55.8 46.0 69.0

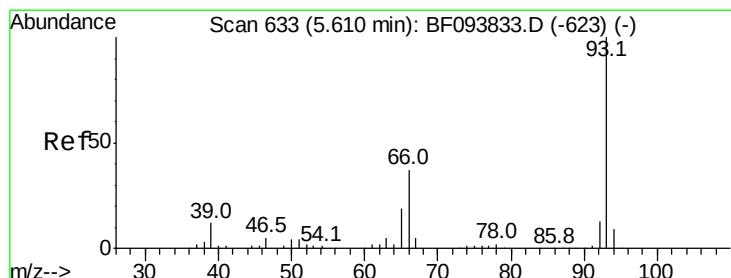
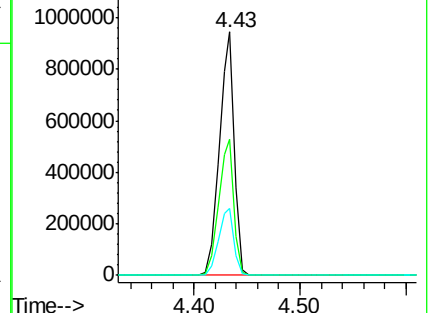
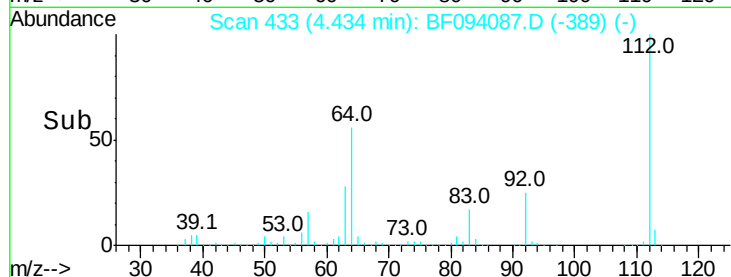
63 27.5 23.4 35.0



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: 35.88 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

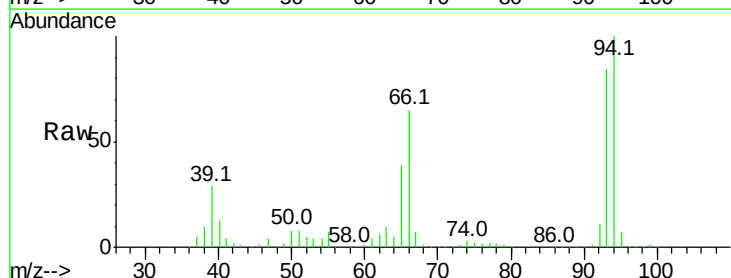
Tgt Ion: 93 Resp: 752447

Ion Ratio Lower Upper

93 100

66 77.3 32.9 49.3#

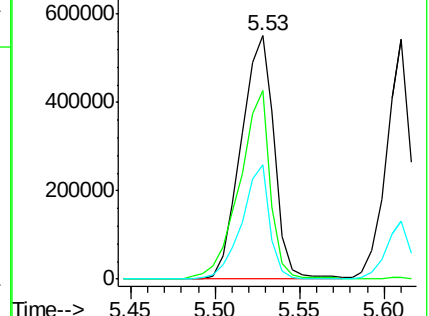
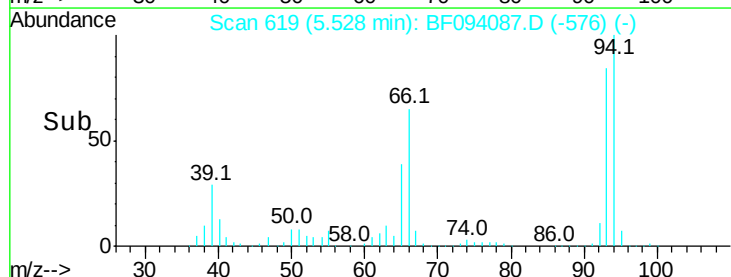
65 47.1 16.0 24.0#

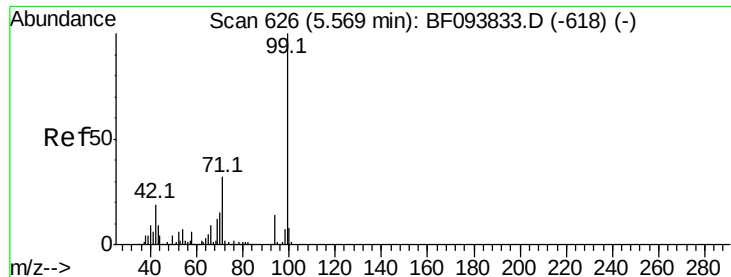


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.69 ng

RT: 5.51 min Scan# 616

Delta R.T. -0.04 min

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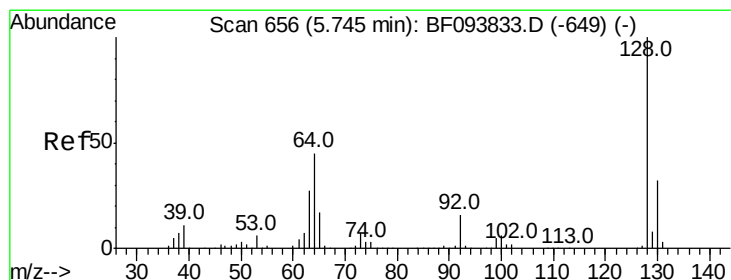
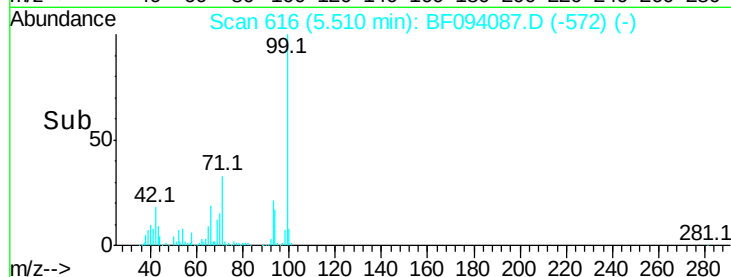
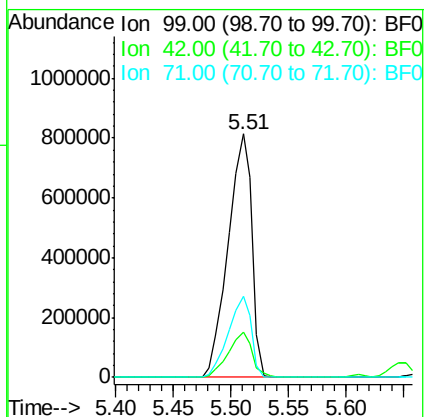
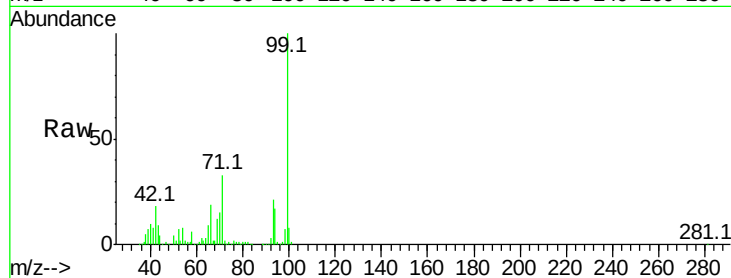
Tot Ion: 99 Resp: 1156060

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

71 33.4 24.5 36.7



#8

2-Chlorophenol

Concen: 40.38 ng

RT: 5.67 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

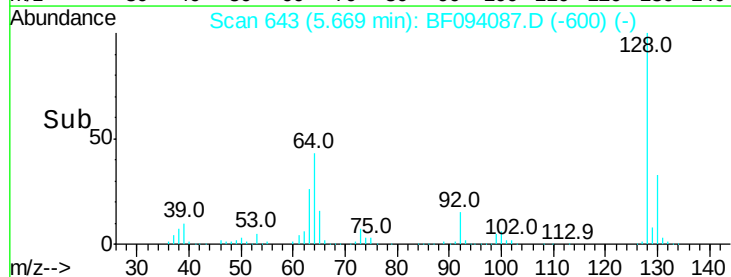
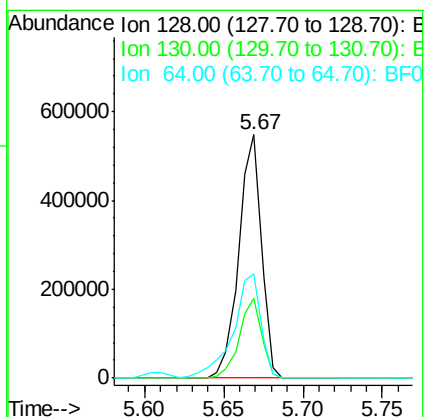
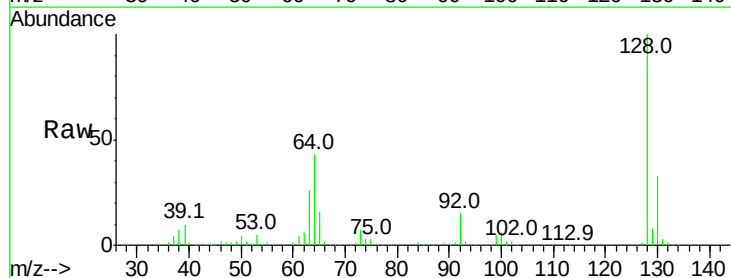
Tgt Ion: 128 Resp: 540929

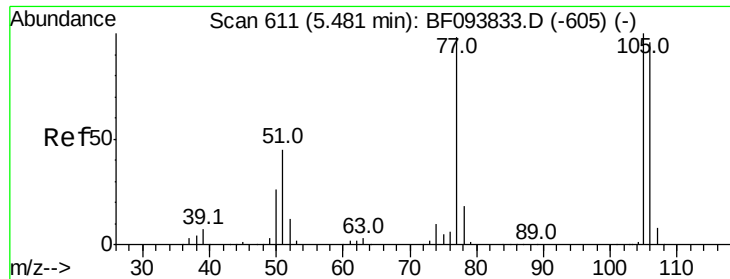
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 43.0 28.4 68.4





#9

Benzaldehyde

Concen: 35.75 ng

RT: 5.40 min Scan# 597

Delta R.T. -0.05 min

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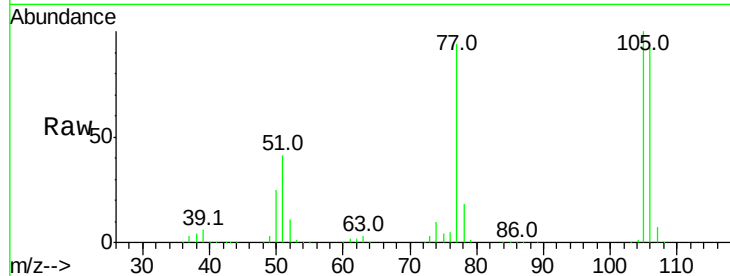
Tot Ion: 77 Resp: 363859

Ion Ratio Lower Upper

77 100

105 106.7 83.8 123.8

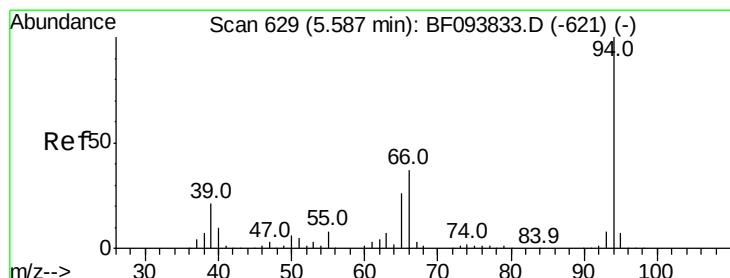
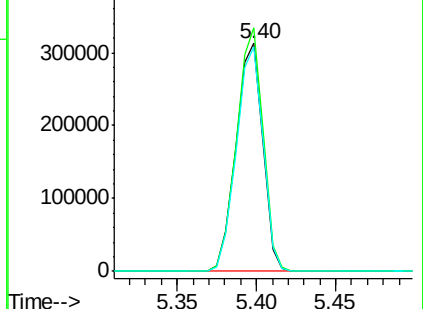
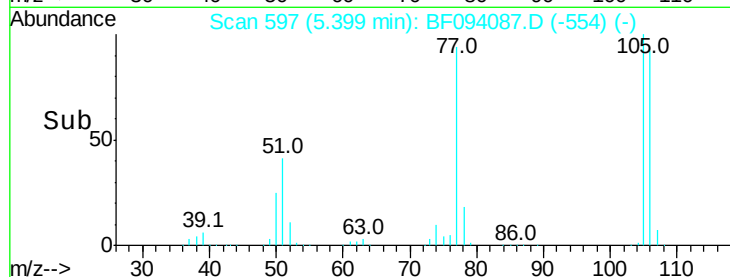
106 98.1 79.1 119.1



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: 37.41 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.04 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

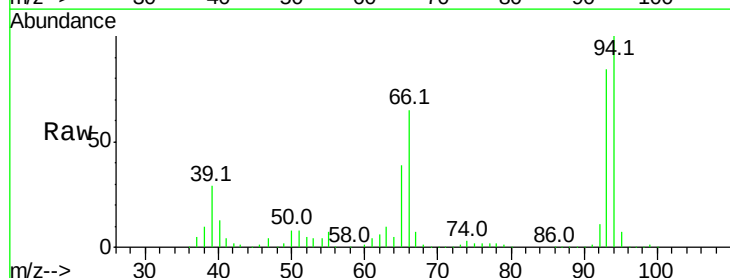
Tgt Ion: 94 Resp: 641683

Ion Ratio Lower Upper

94 100

65 39.5 9.9 49.9

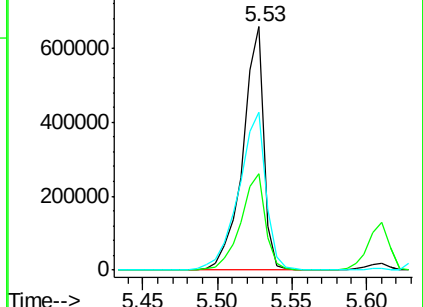
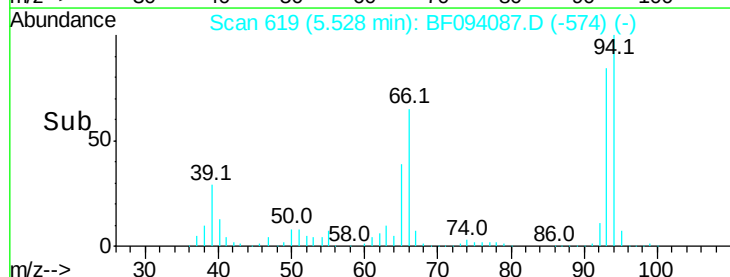
66 64.7 23.1 63.1#

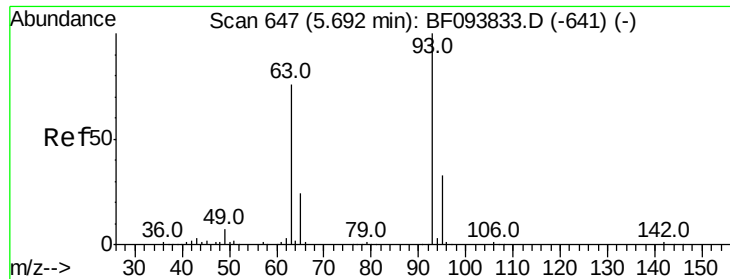


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.59 ng

RT: 5.61 min Scan# 633

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

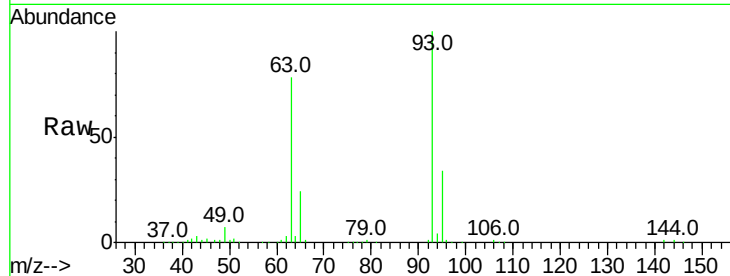
Tot Ion: 93 Resp: 530714

Ion Ratio Lower Upper

93 100

63 78.2 59.2 99.2

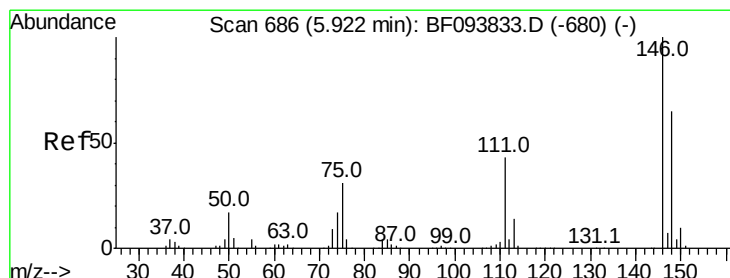
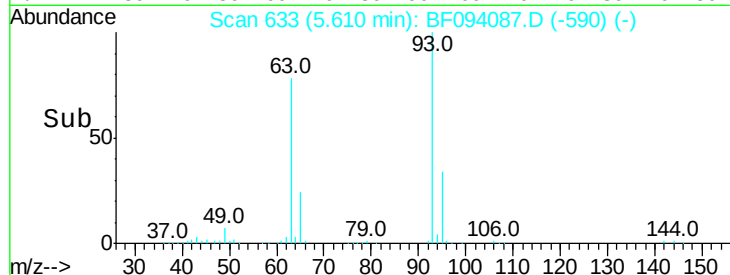
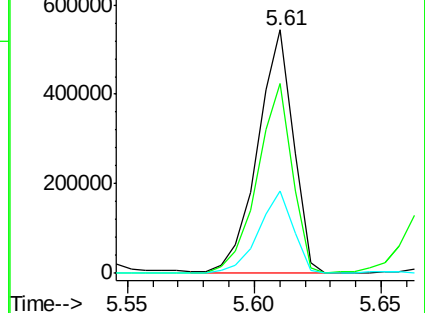
95 33.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.04 ng

RT: 5.84 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

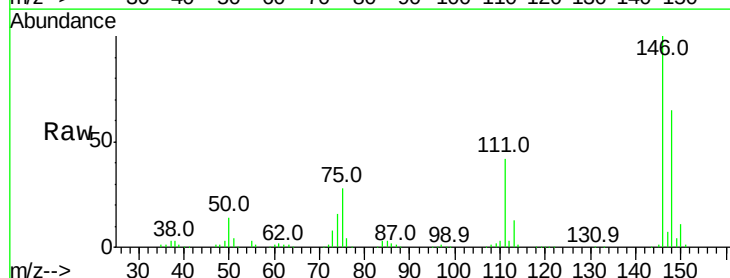
Tgt Ion: 146 Resp: 601537

Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.6

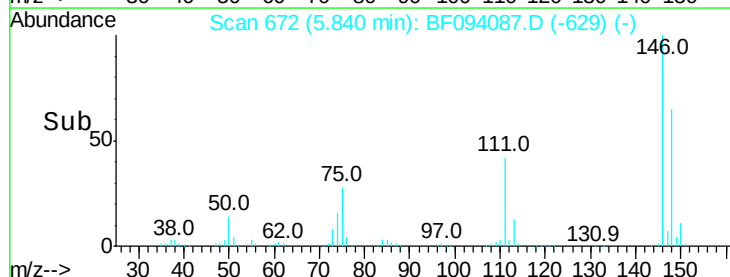
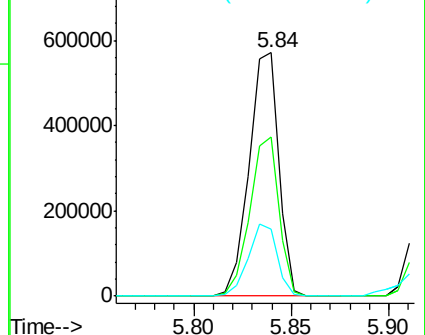
75 27.6 23.1 34.7

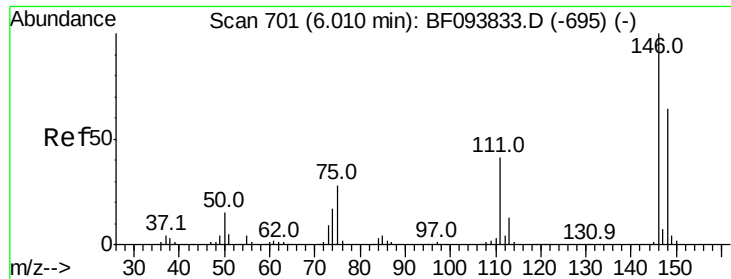


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

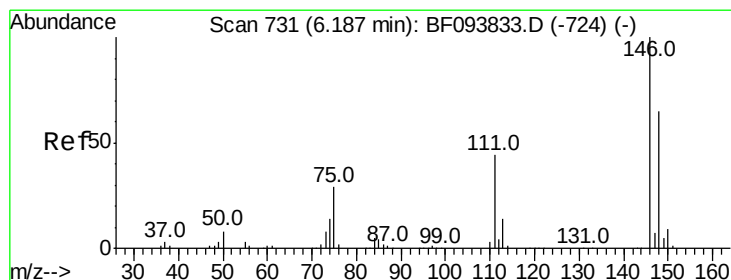
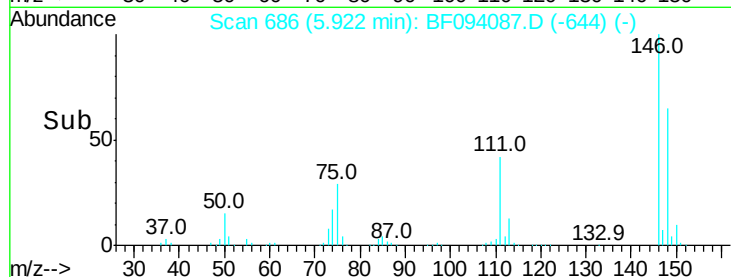
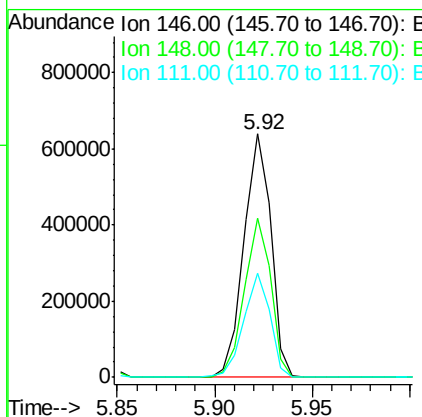
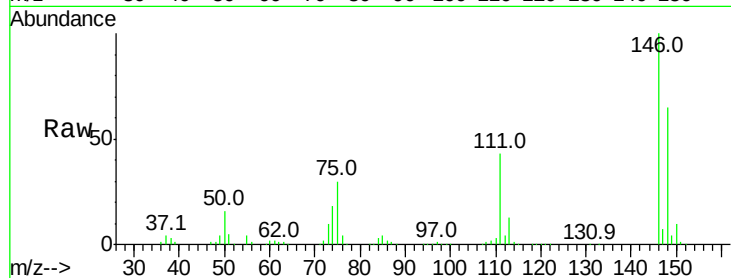




#13
 1,4-Dichlorobenzene
 Concen: 40.37 ng
 RT: 5.92 min Scan# 686
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

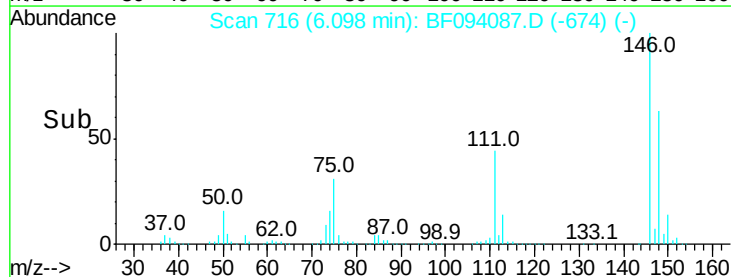
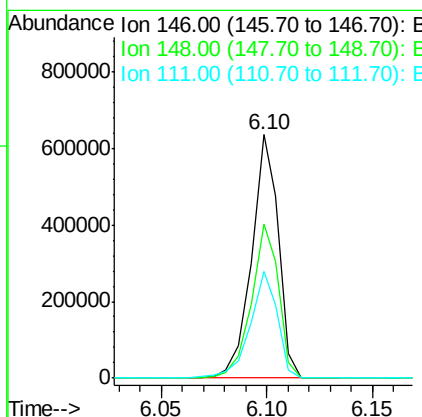
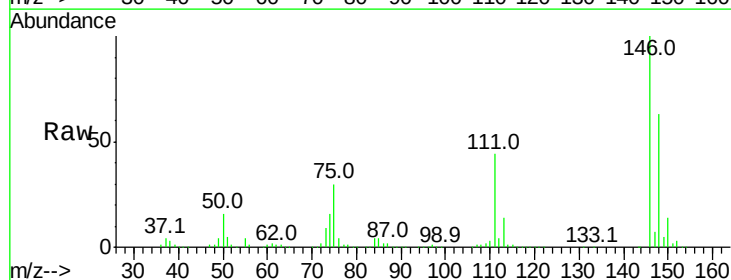
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

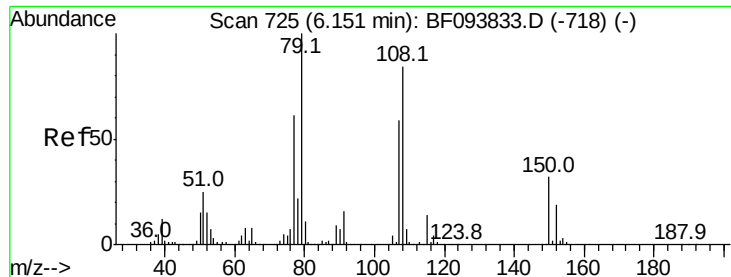
Tot Ion:146 Resp: 614341
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.2 78.2
 111 42.5 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.07 ng
 RT: 6.10 min Scan# 716
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

Tgt Ion:146 Resp: 561470
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 111 43.8 38.2 57.4





#15

Benzyl Alcohol

Concen: 38.11 ng

RT: 6.07 min Scan# 712

Delta R.T. -0.04 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

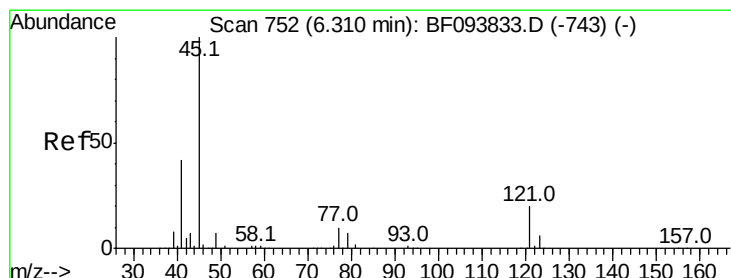
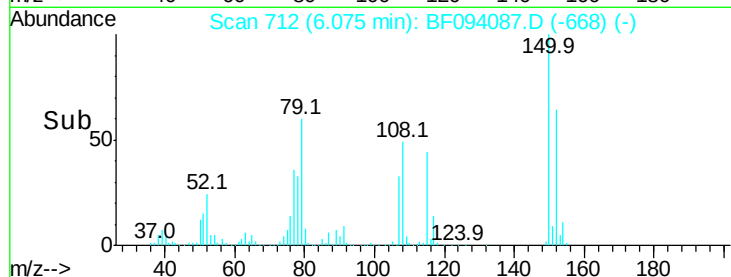
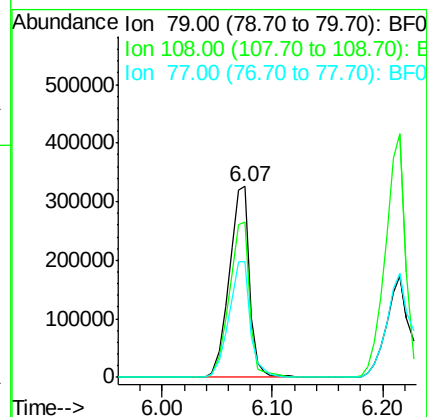
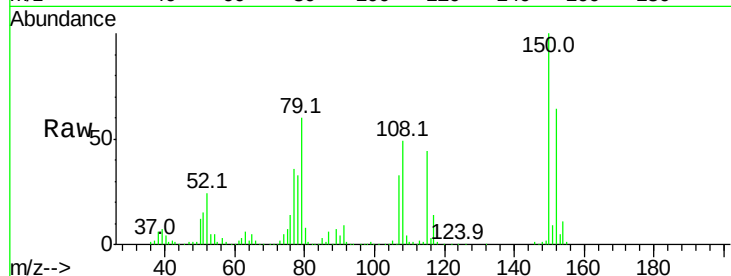
Tot Ion: 79 Resp: 420518

Ion Ratio Lower Upper

79 100

108 81.8 63.4 95.0

77 60.5 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.76 ng

RT: 6.23 min Scan# 738

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

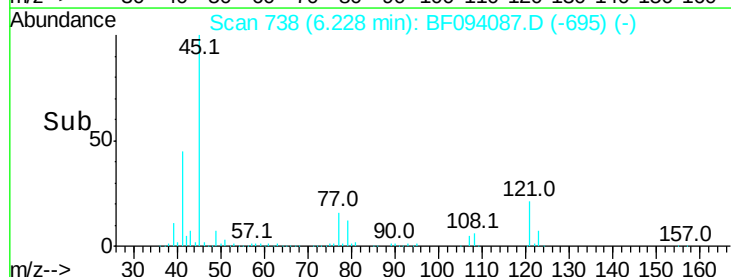
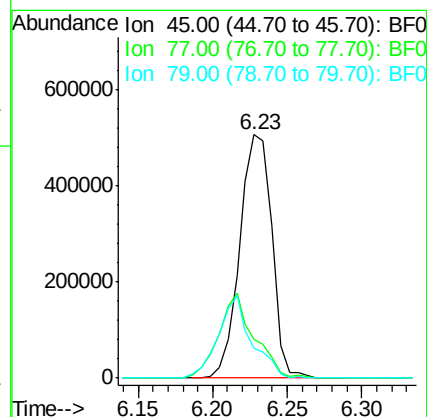
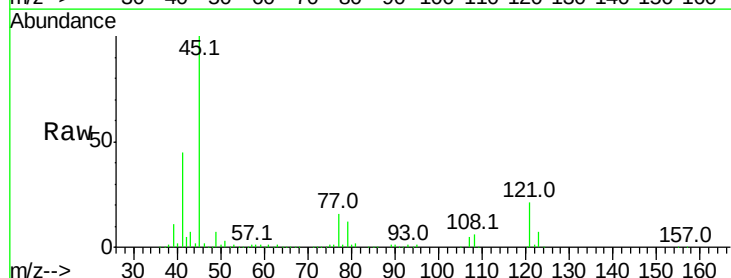
Tgt Ion: 45 Resp: 759470

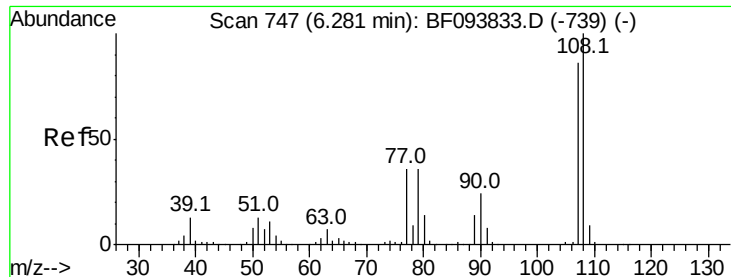
Ion Ratio Lower Upper

45 100

77 15.8 0.0 33.2

79 12.3 0.0 30.0

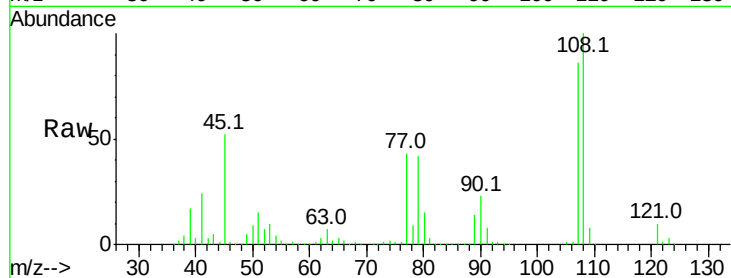




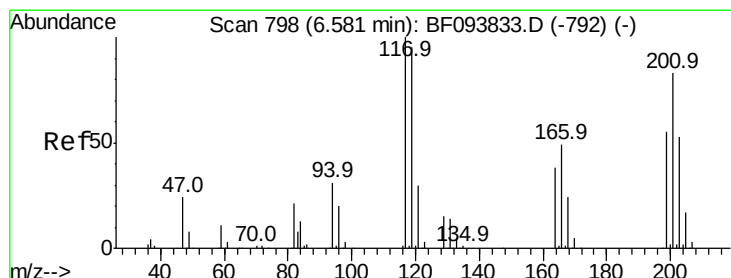
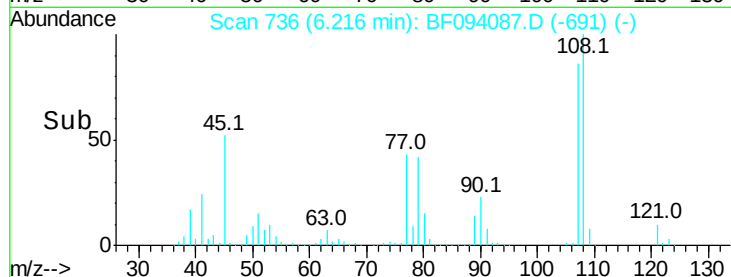
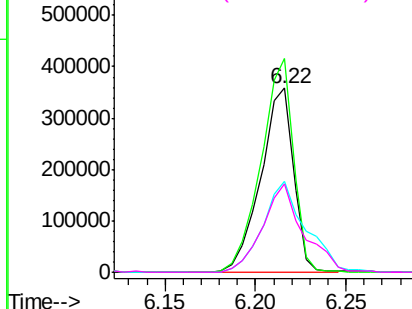
#17
2-Methylphenol
Concen: 39.23 ng
RT: 6.22 min Scan# 736
Delta R.T. -0.04 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 450051
Ion Ratio Lower Upper
107 100
108 116.0 93.4 140.0
77 49.6 35.8 53.6
79 48.2 34.8 52.2

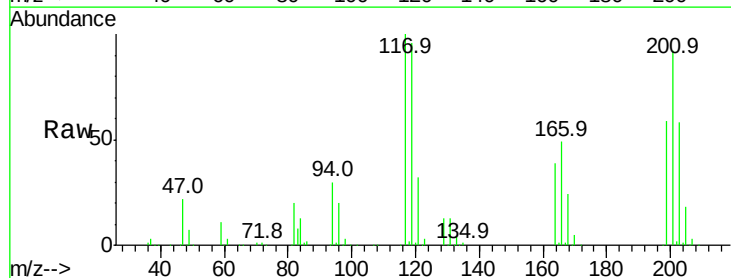


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

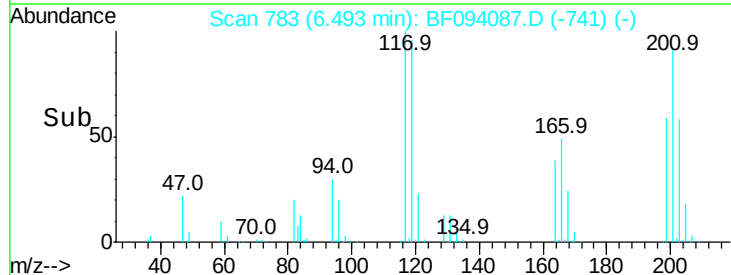
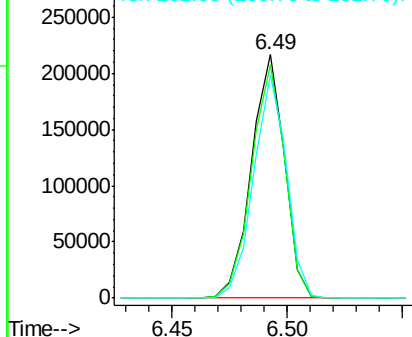


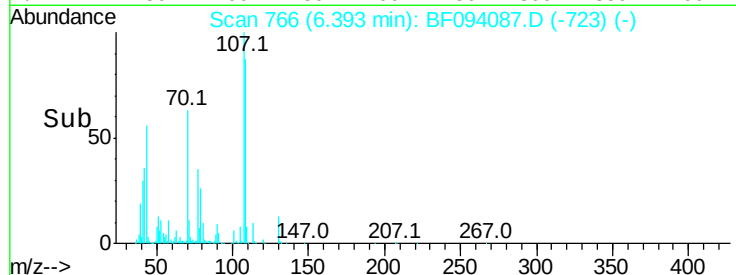
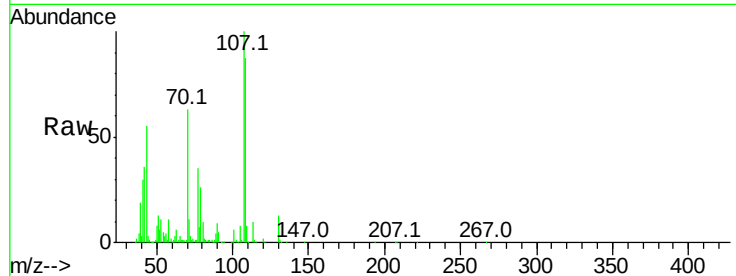
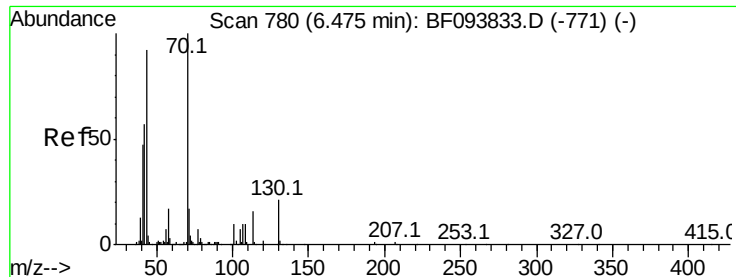
#18
Hexachloroethane
Concen: 40.37 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Tgt Ion:117 Resp: 215916
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0
201 91.6 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

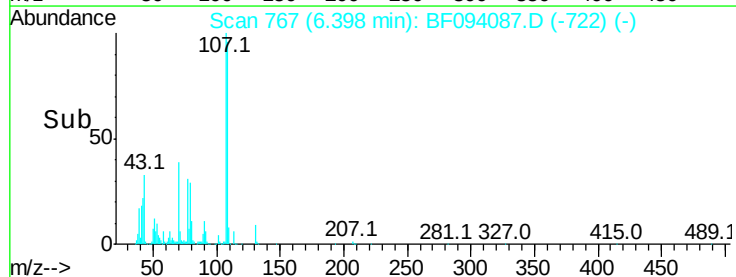
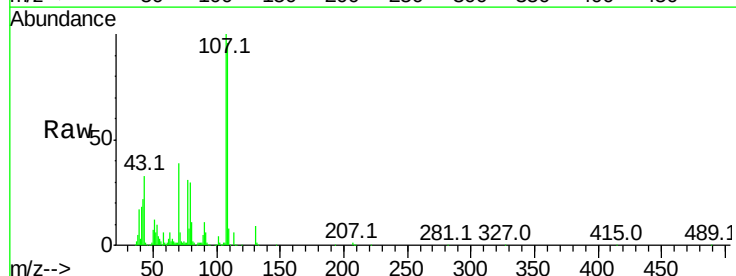
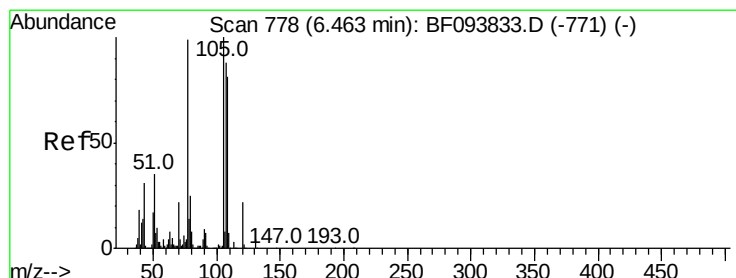
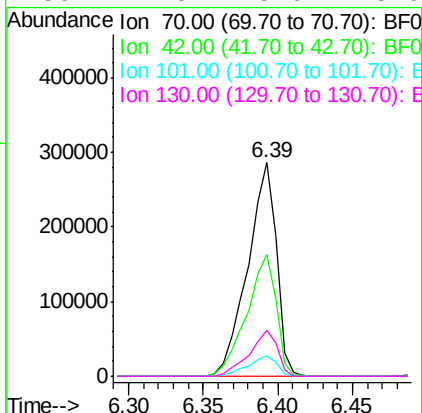




#19
n-Nitroso-di-n-propylamine
Concen: 39.14 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

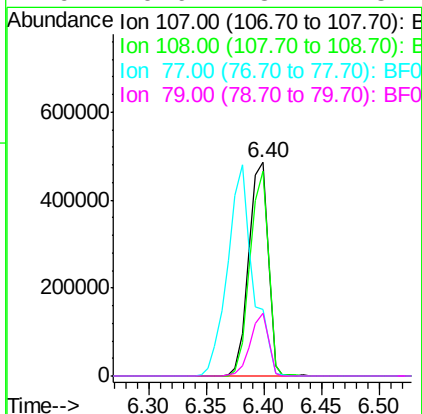
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

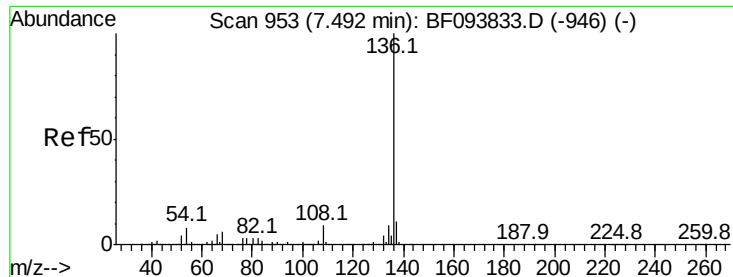
Tot Ion:	70	Resp:	379198
Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.2	70.8
101	9.4	7.2	10.8
130	21.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.23 ng
RT: 6.40 min Scan# 767
Delta R.T. -0.04 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Tgt Ion:	107	Resp:	572833
Ion	Ratio	Lower	Upper
107	100		
108	96.1	71.0	111.0
77	31.0	90.5	130.5#
79	29.6	8.4	48.4

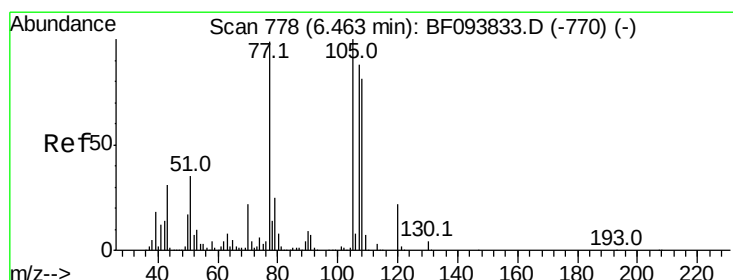
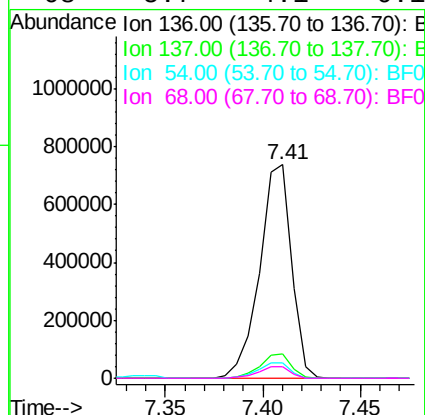
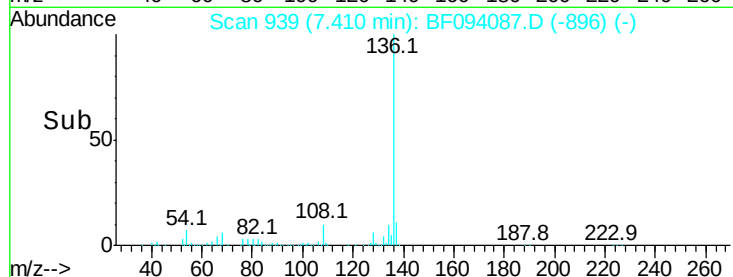
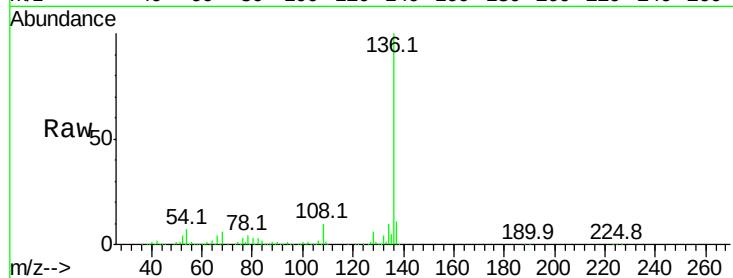




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.41 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

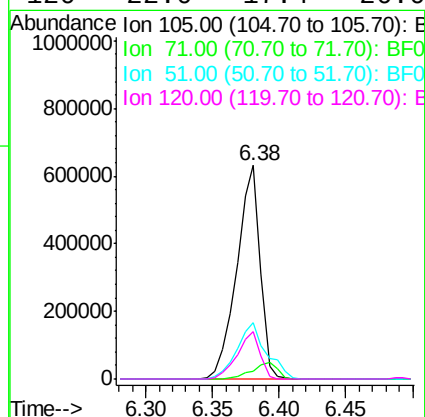
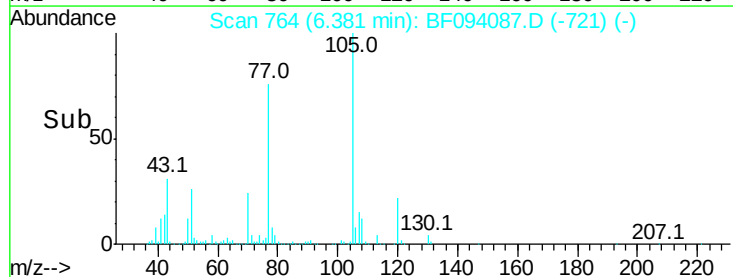
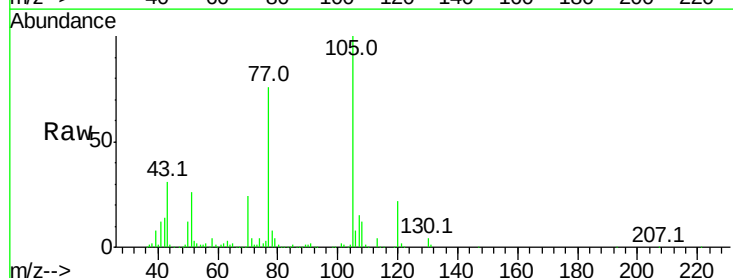
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

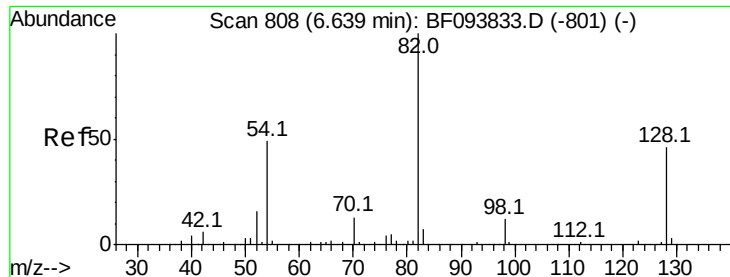
Tot Ion:	136	Resp:	834614
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.1	4.9	7.3
68	5.7	4.1	6.1



#22
Acetophenone
Concen: 41.47 ng
RT: 6.38 min Scan# 764
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Tgt Ion:	105	Resp:	771479
Ion	Ratio	Lower	Upper
105	100		
71	3.9	2.8	4.2
51	26.2	30.7	46.1#
120	22.0	17.4	26.0





#23

Nitrobenzene-d5

Concen: 80.16 ng

RT: 6.56 min Scan# 794

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

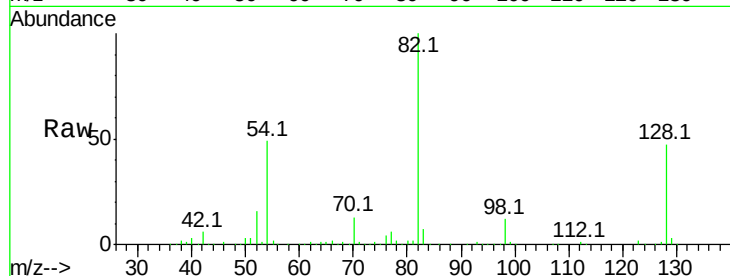
Tot Ion: 82 Resp: 1172263

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

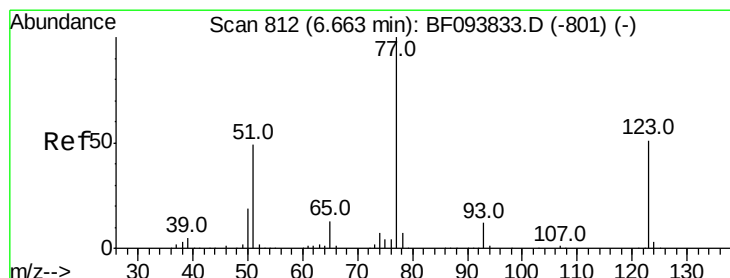
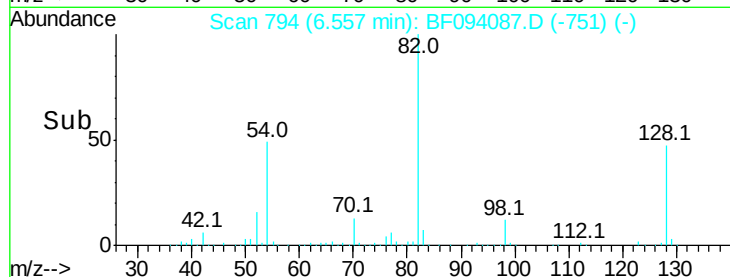
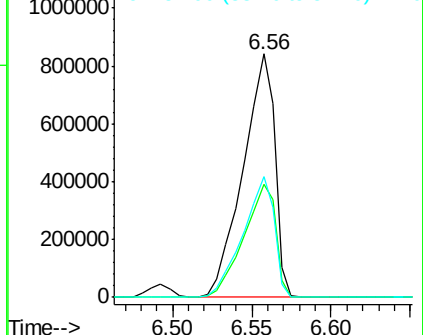
54 49.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.64 ng

RT: 6.58 min Scan# 798

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

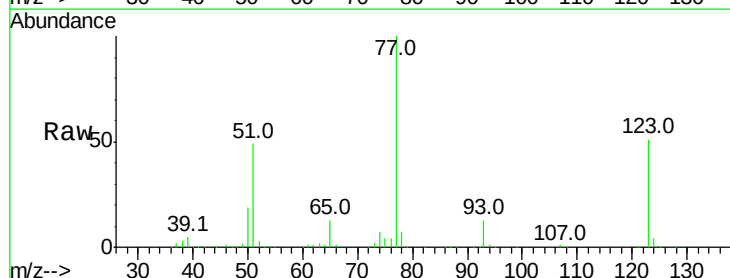
Tgt Ion: 77 Resp: 571687

Ion Ratio Lower Upper

77 100

123 51.5 35.8 53.8

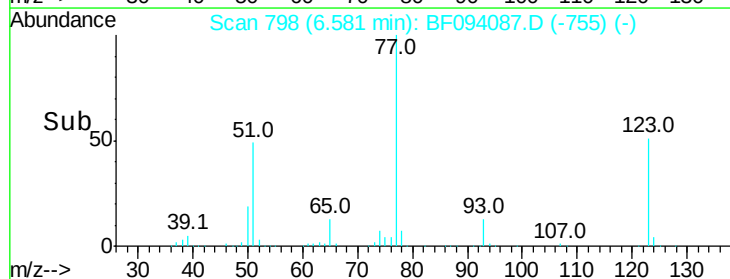
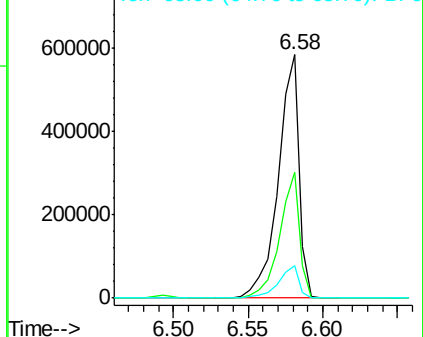
65 13.2 10.6 15.8

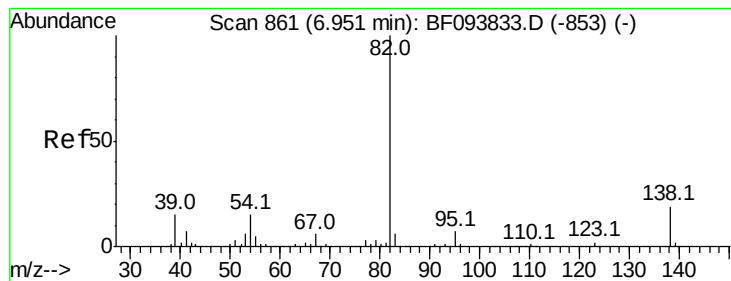


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.08 ng

RT: 6.87 min Scan# 847

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

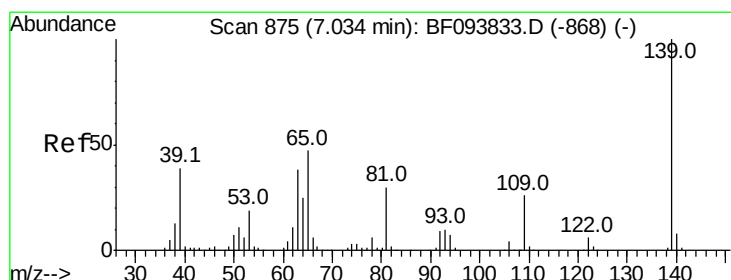
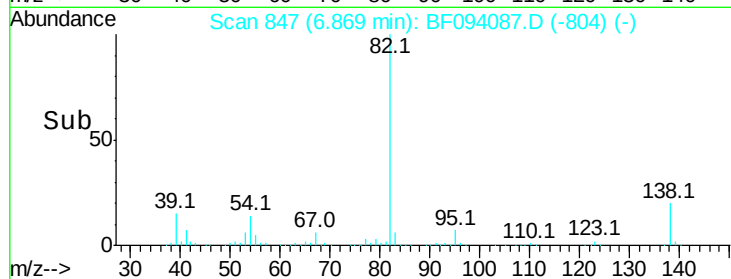
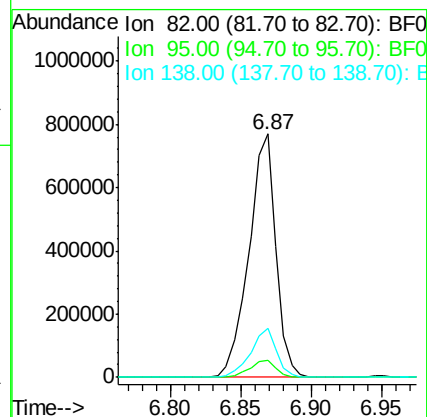
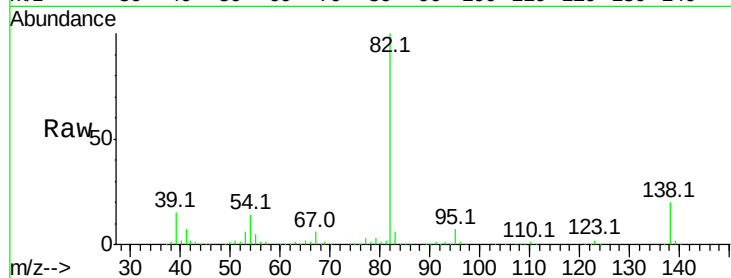
Tot Ion: 82 Resp: 1029974

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 19.9 13.1 19.7#



#26

2-Nitrophenol

Concen: 44.90 ng

RT: 6.95 min Scan# 861

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

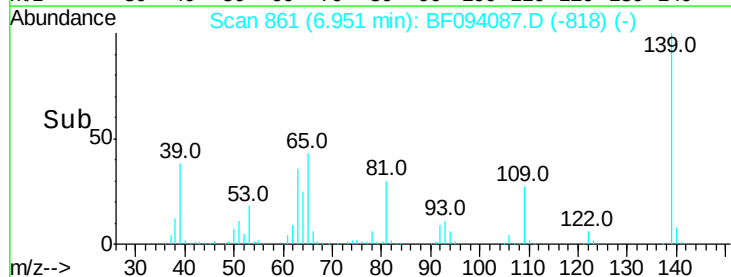
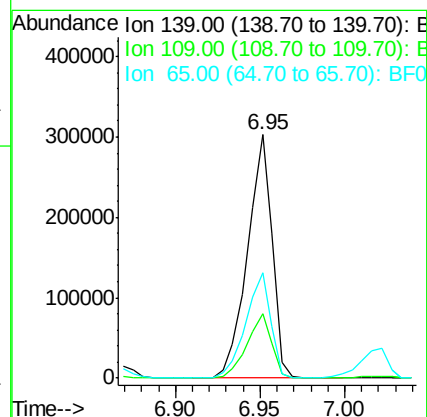
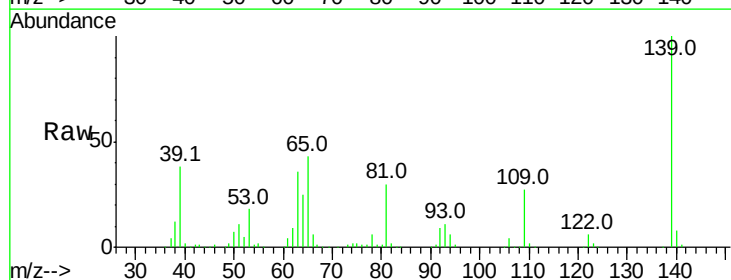
Tgt Ion:139 Resp: 308815

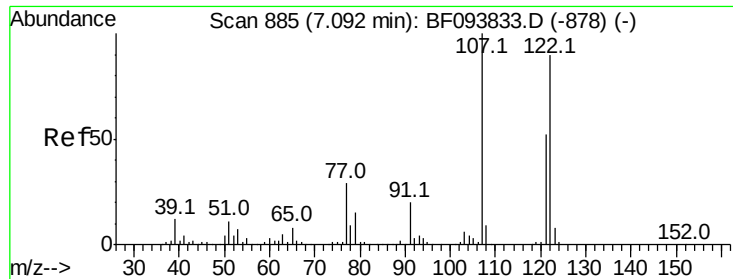
Ion Ratio Lower Upper

139 100

109 26.5 21.0 31.6

65 43.4 33.0 49.6

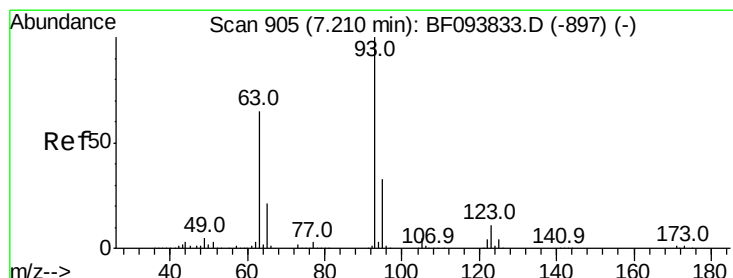
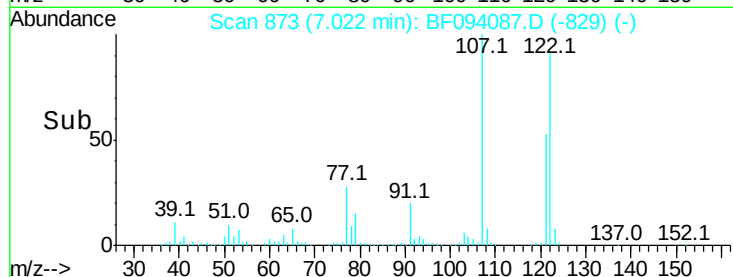
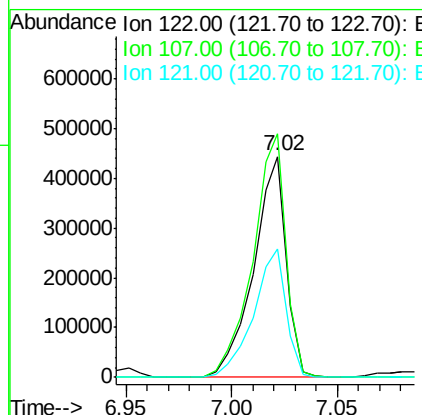
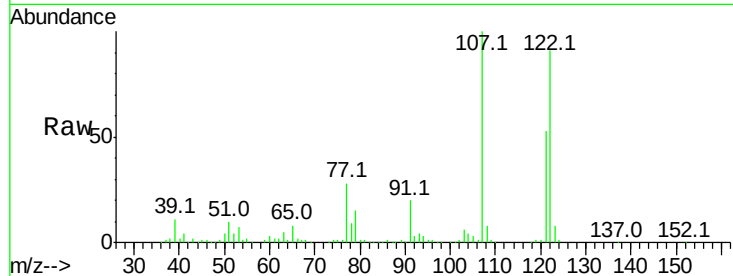




#27
 2,4-Dimethylphenol
 Concen: 40.31 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.04 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

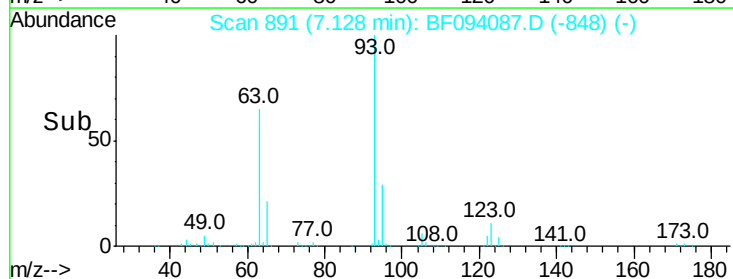
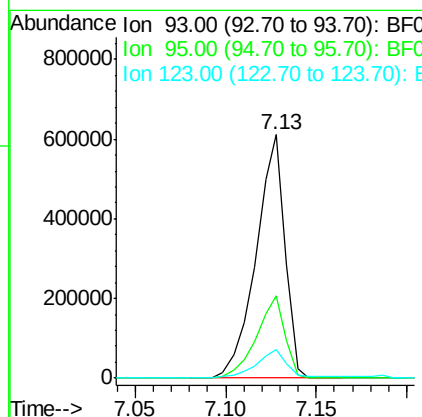
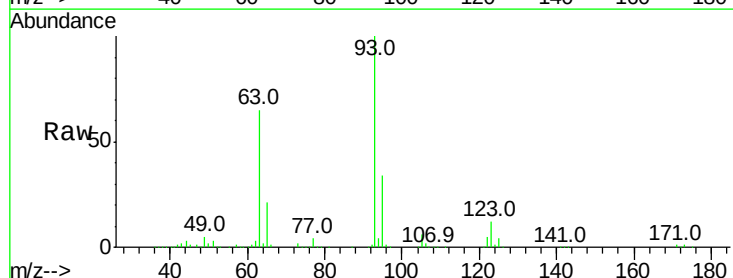
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

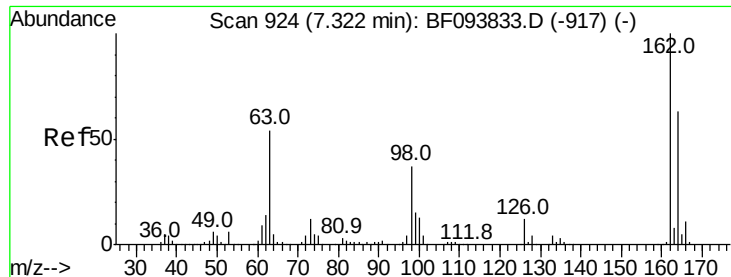
Tot Ion:122 Resp: 477772
 Ion Ratio Lower Upper
 122 100
 107 110.2 89.2 133.8
 121 58.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.83 ng
 RT: 7.13 min Scan# 891
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

Tgt Ion: 93 Resp: 674900
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.5 39.7
 123 12.0 9.0 13.4

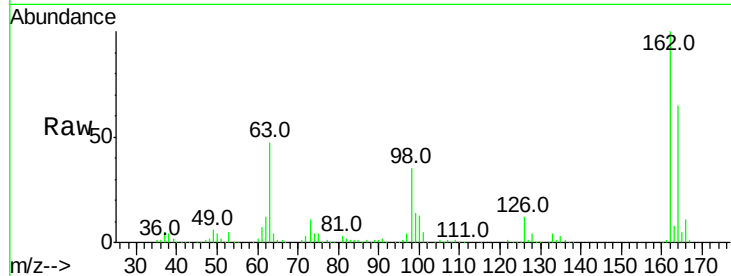




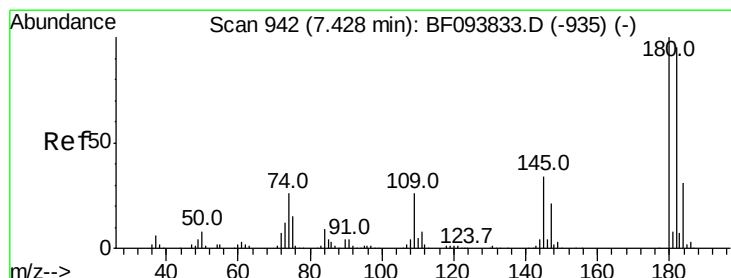
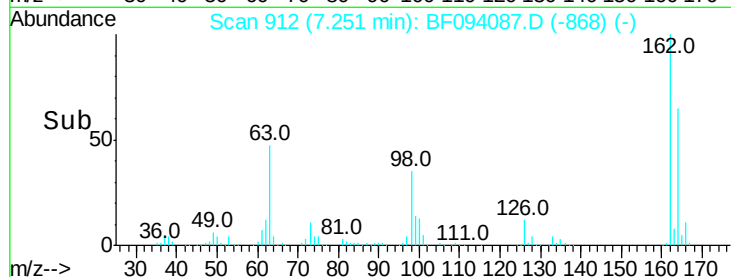
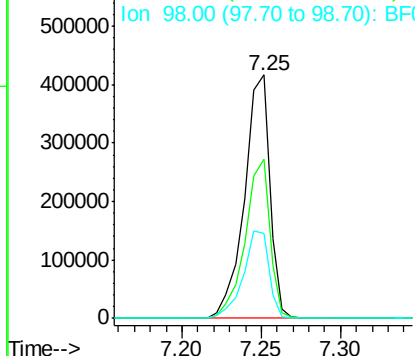
#29
 2,4-Dichlorophenol
 Concen: 41.89 ng
 RT: 7.25 min Scan# 912
 Delta R.T. -0.04 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 464204
 Ion Ratio Lower Upper
 162 100
 164 65.1 44.6 84.6
 98 34.9 14.8 54.8

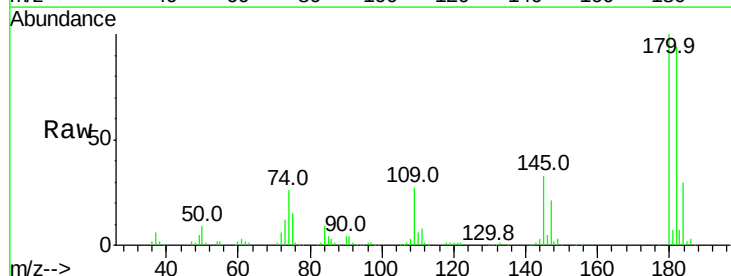


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

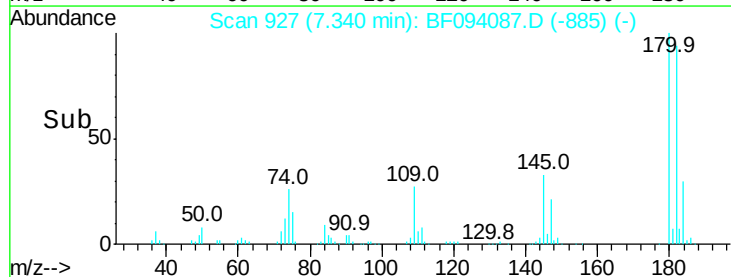
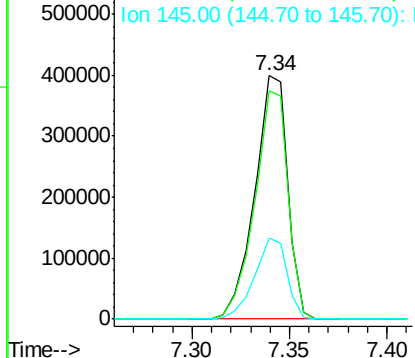


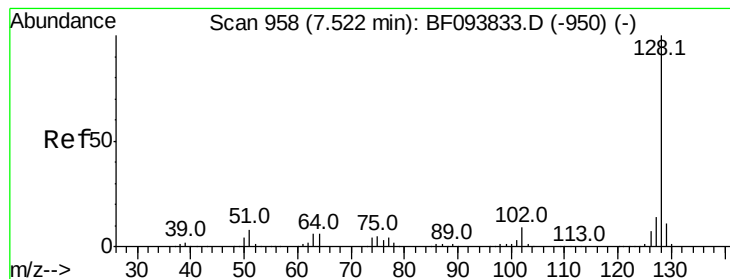
#30
 1,2,4-Trichlorobenzene
 Concen: 40.90 ng
 RT: 7.34 min Scan# 927
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

Tgt Ion:180 Resp: 466831
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.8 113.6
 145 33.4 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.02 ng

RT: 7.43 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

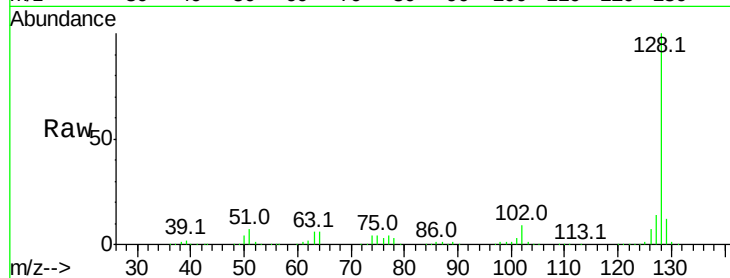
Tot Ion:128 Resp: 1605895

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

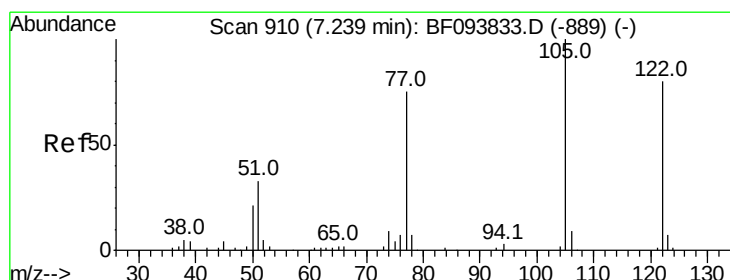
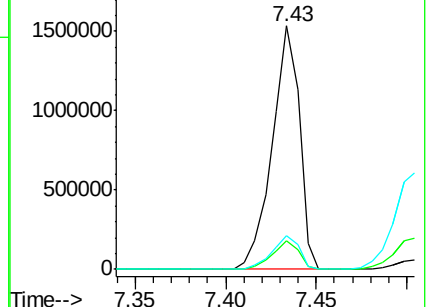
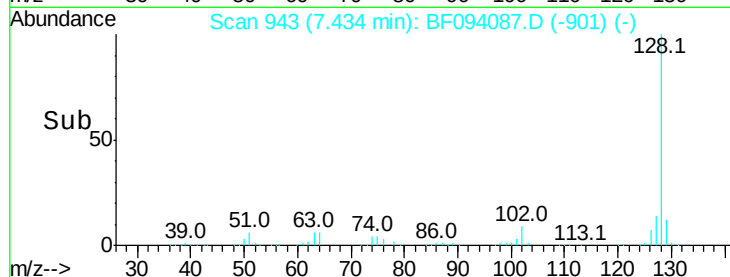
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.13 ng

RT: 7.19 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

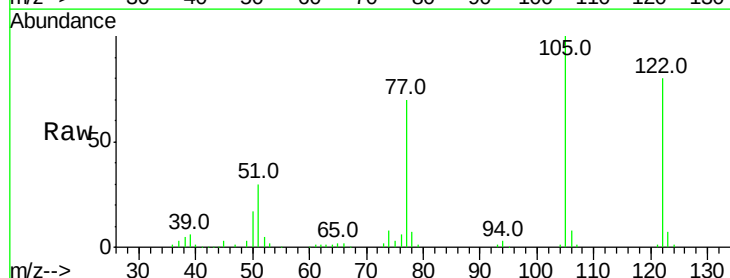
Tgt Ion:122 Resp: 285075

Ion Ratio Lower Upper

122 100

105 125.3 103.3 143.3

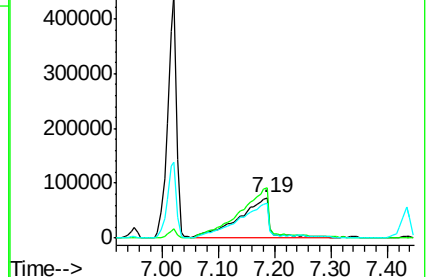
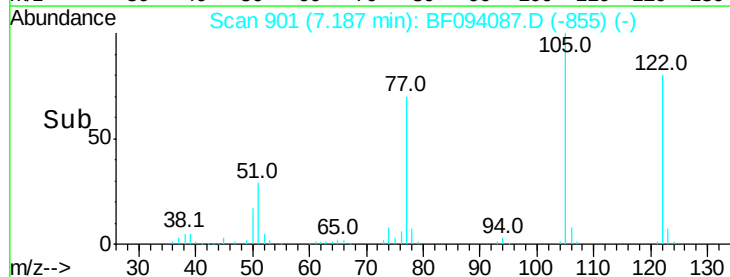
77 87.3 73.7 113.7

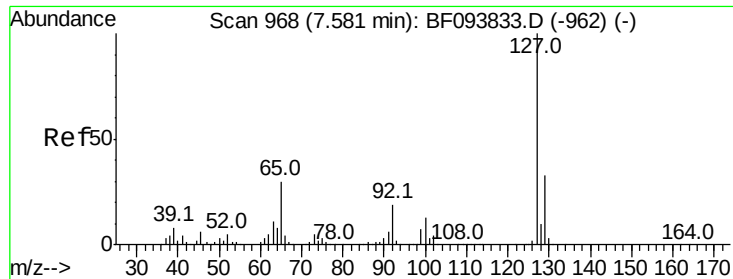


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 40.76 ng

RT: 7.50 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 662885

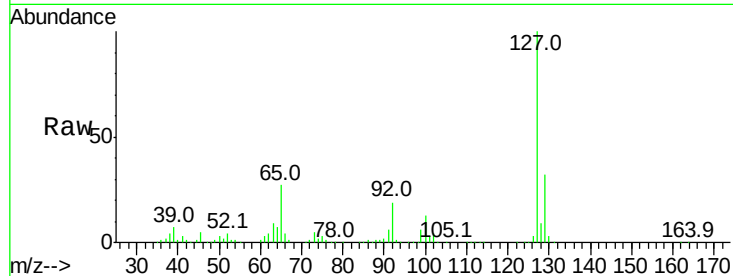
Ion Ratio Lower Upper

127 100

129 31.8 26.2 39.2

65 27.0 27.8 41.8#

92 18.9 16.8 25.2

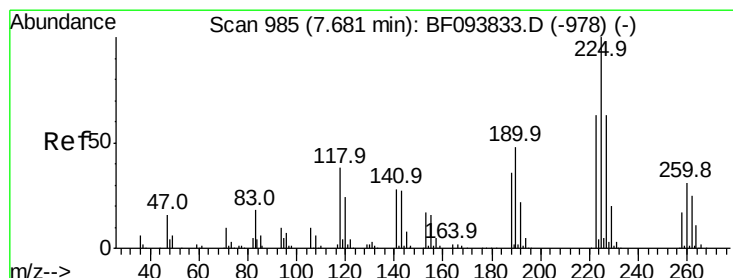
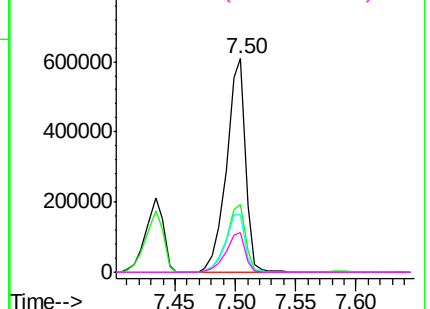
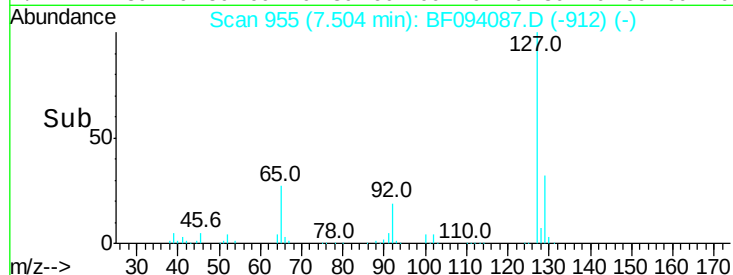


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.40 ng

RT: 7.59 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

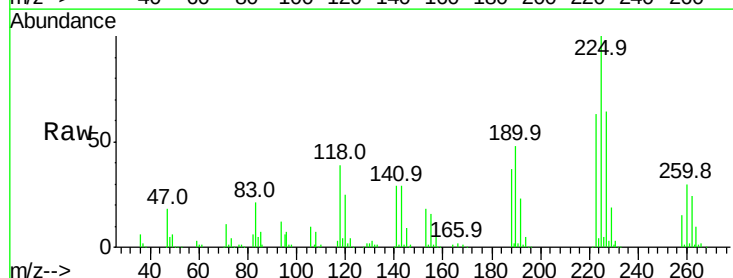
Tgt Ion:225 Resp: 242332

Ion Ratio Lower Upper

225 100

223 63.4 48.8 73.2

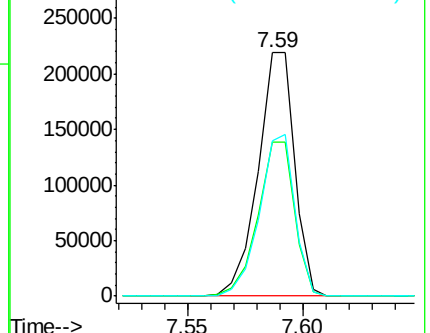
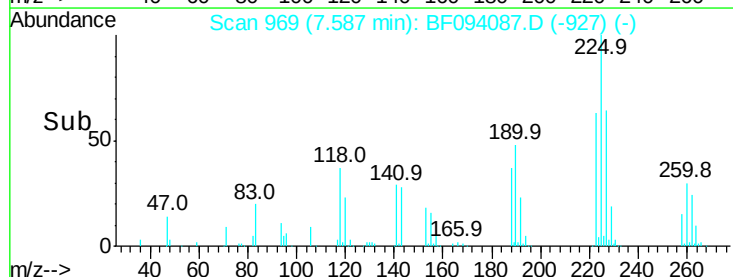
227 63.8 51.1 76.7

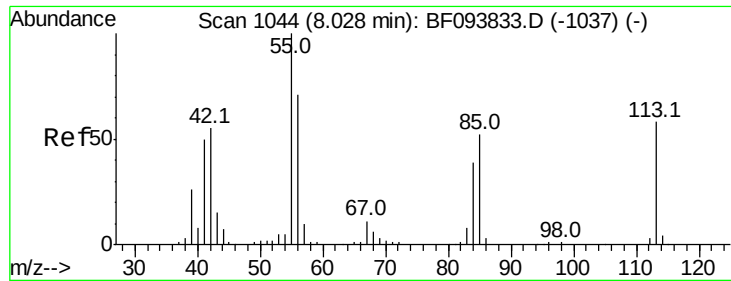


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.46 ng

RT: 7.96 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

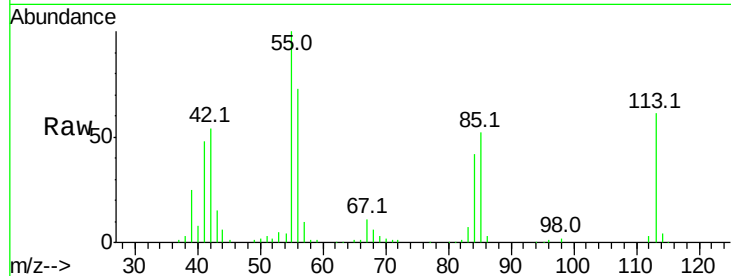
Tot Ion:113 Resp: 150063

Ion Ratio Lower Upper

113 100

55 164.3 150.2 190.2

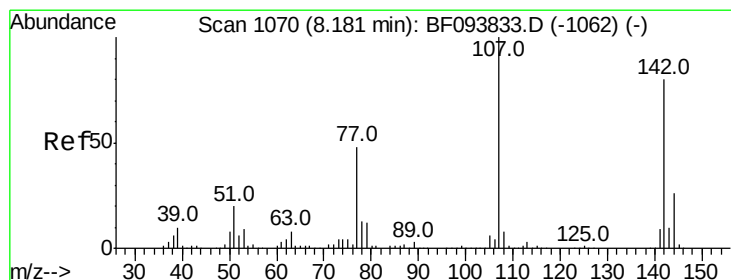
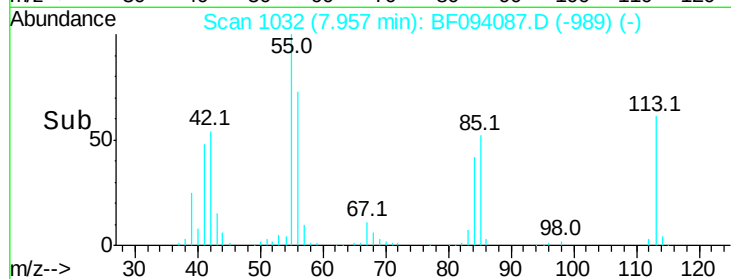
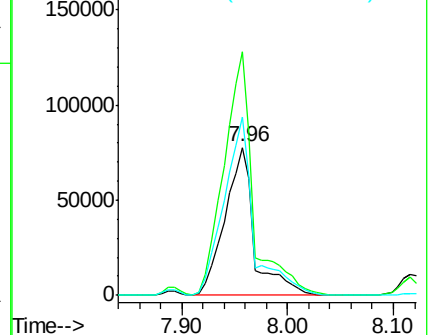
56 120.3 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.73 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.04 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

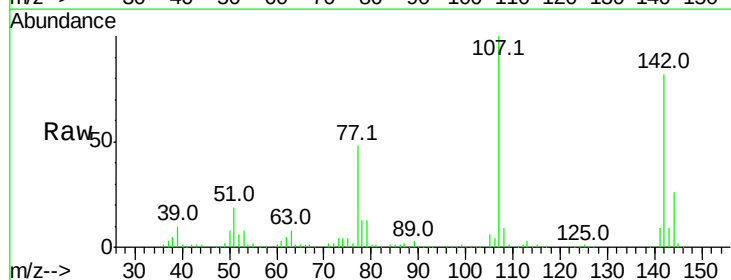
Tgt Ion:107 Resp: 483249

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

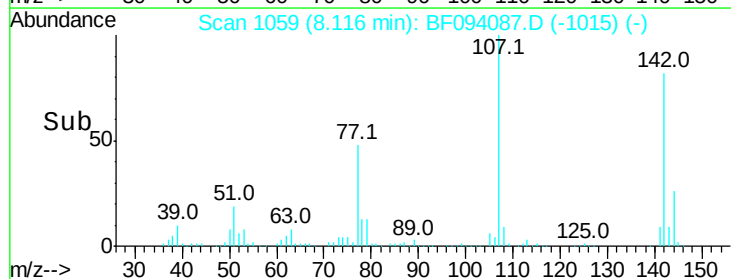
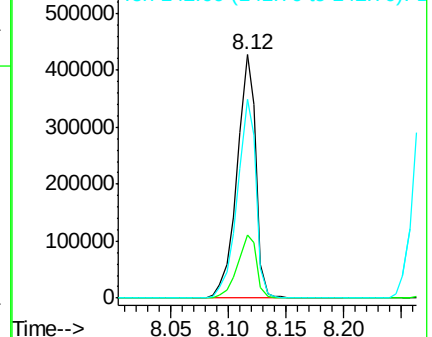
142 81.8 73.4 110.0

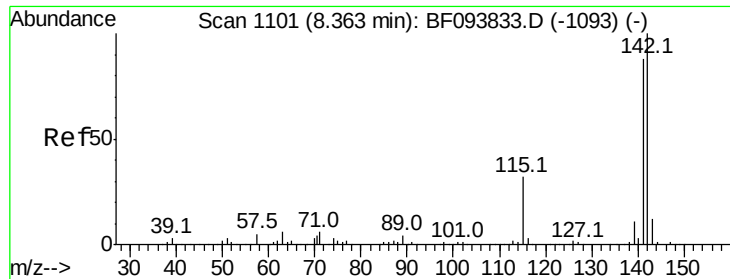


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

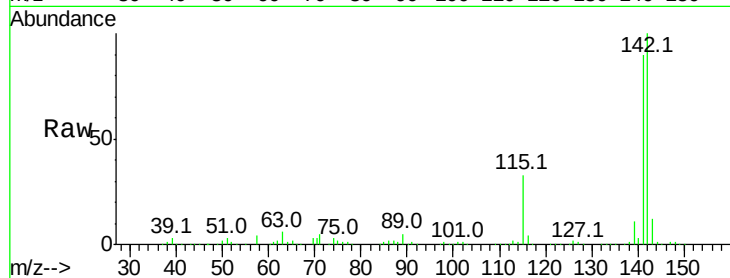




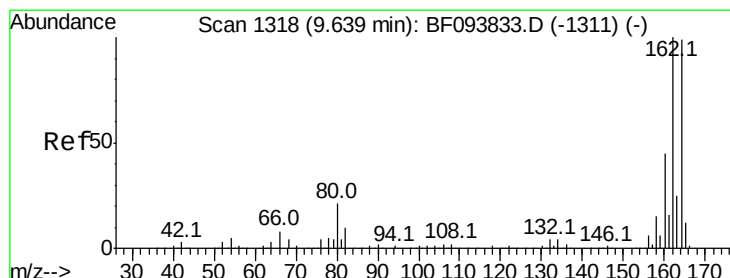
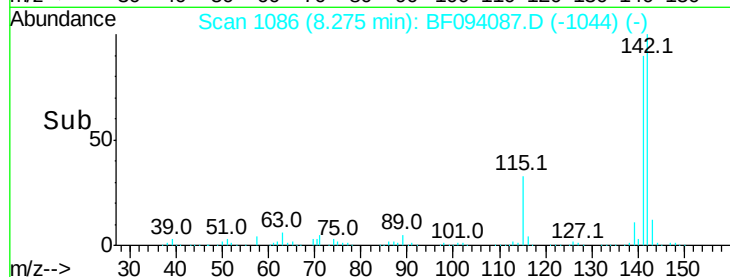
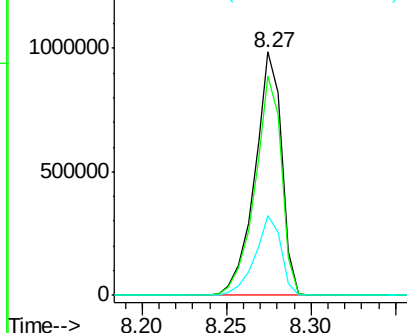
#37
 2-Methylnaphthalene
 Concen: 40.55 ng
 RT: 8.27 min Scan# 1086
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 1084742
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.3 106.9
 115 32.9 27.1 40.7

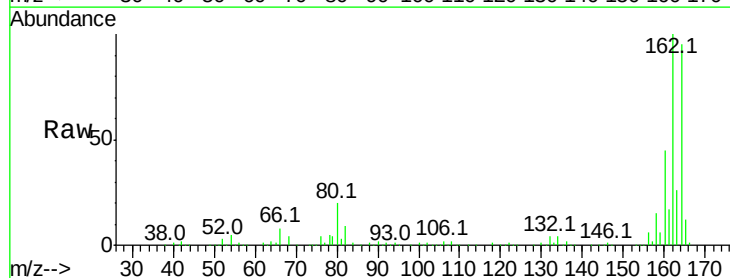


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

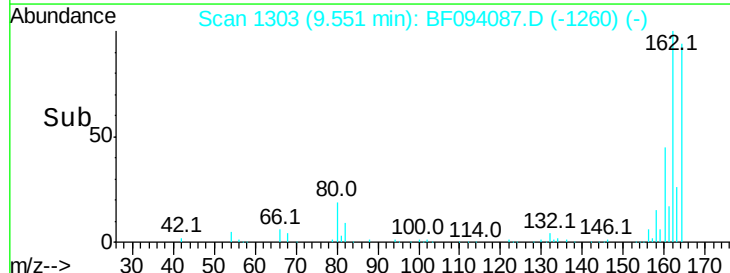
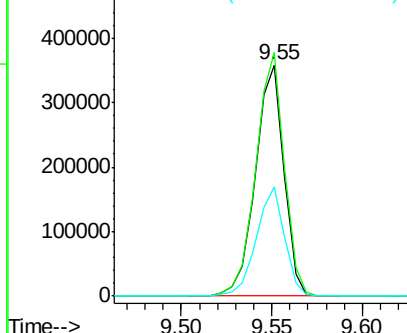


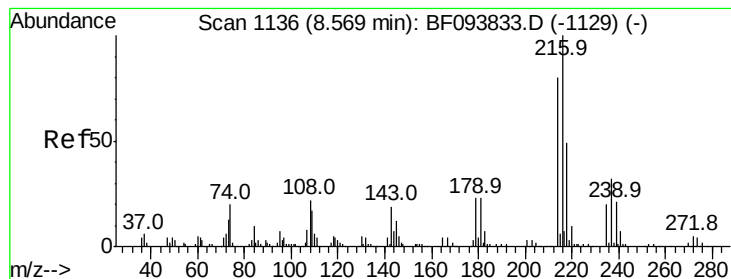
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 1303
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

Tgt Ion:164 Resp: 389360
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 47.2 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: 40.59 ng

RT: 8.48 min Scan# 1121

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 432388

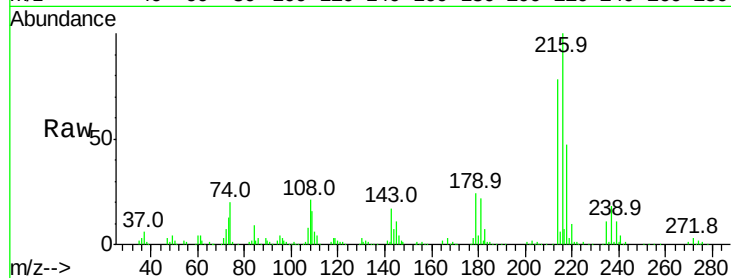
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.5 17.9 26.9

108 20.7 16.5 24.7

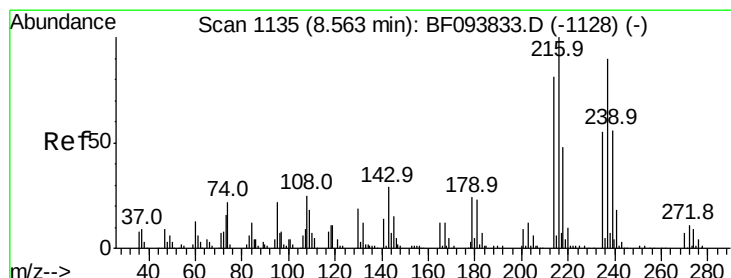
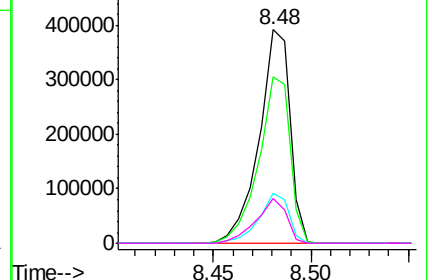
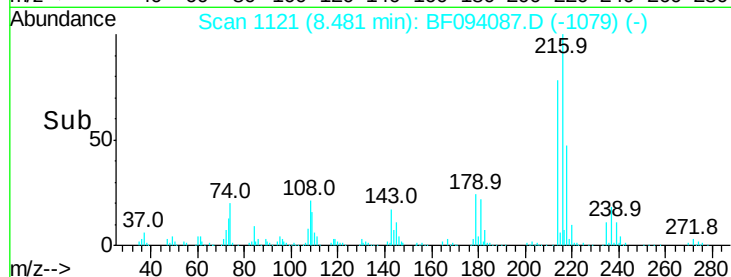


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.15 ng

RT: 8.47 min Scan# 1120

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

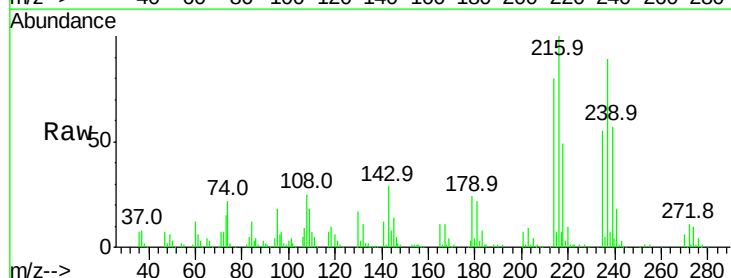
Tgt Ion:237 Resp: 205105

Ion Ratio Lower Upper

237 100

235 61.5 42.6 82.6

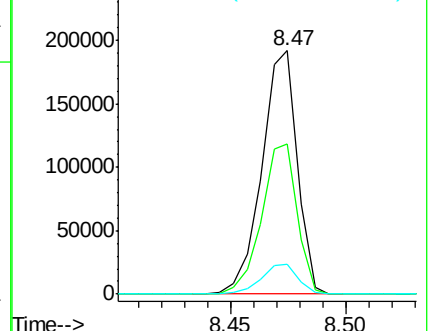
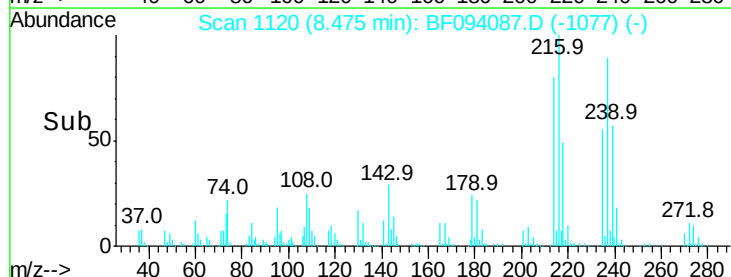
272 12.4 0.0 31.9

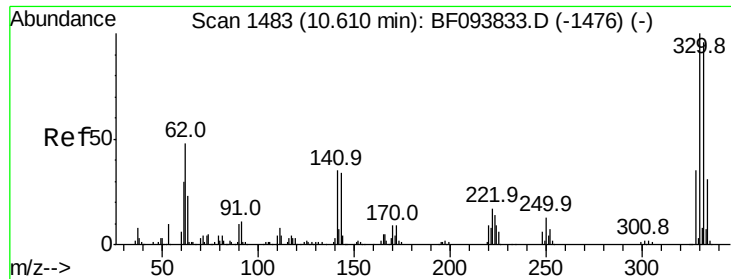


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

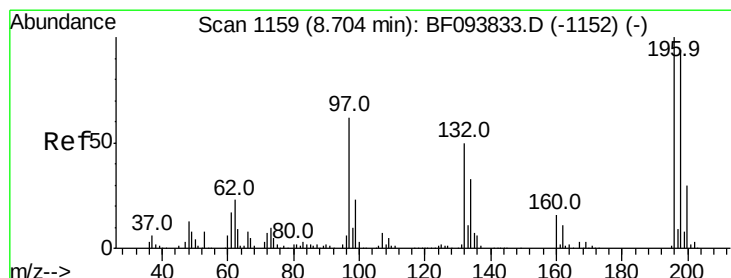
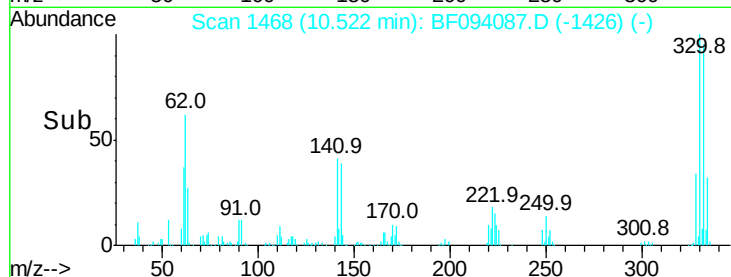
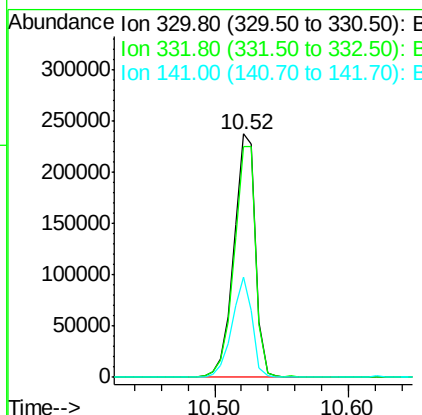
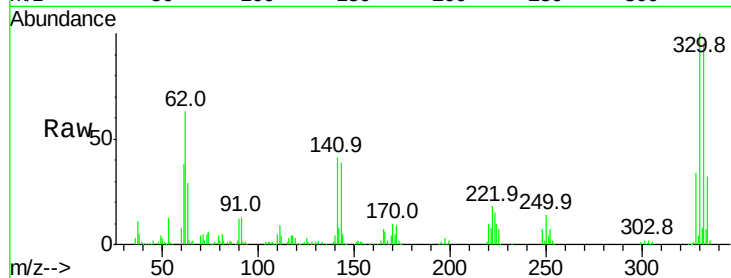




#41
 2,4,6-Tribromophenol
 Concen: 87.41 ng
 RT: 10.52 min Scan# 1468
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

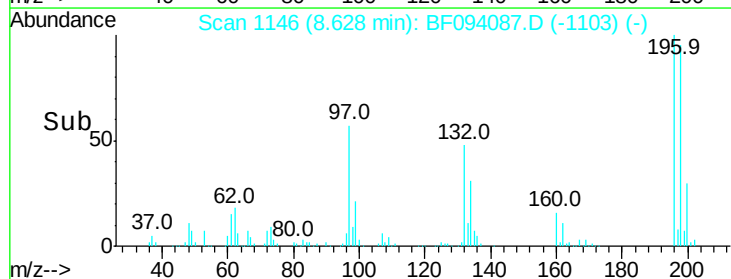
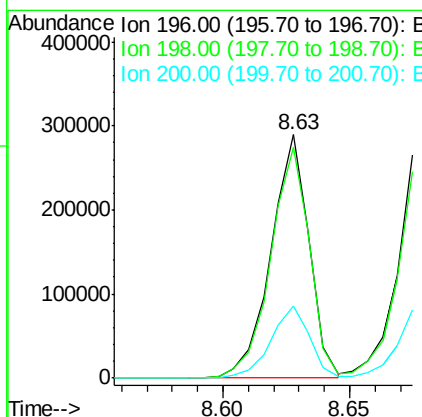
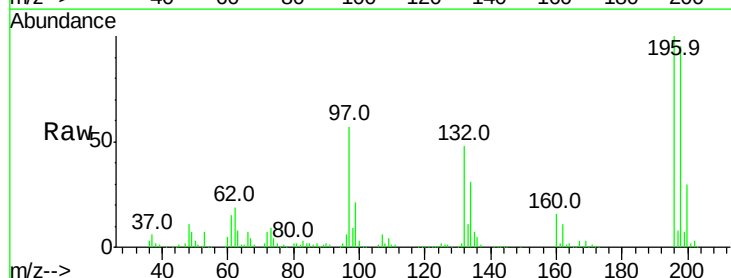
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

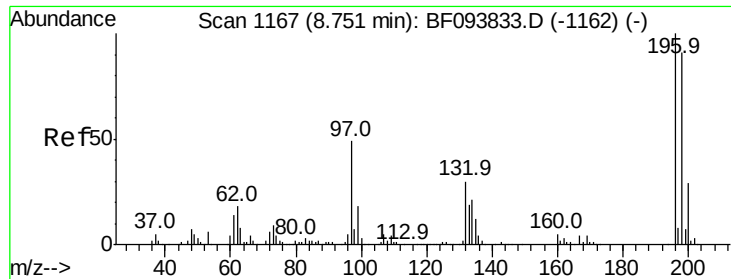
Tot Ion:330 Resp: 268929
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 38.9 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.37 ng
 RT: 8.63 min Scan# 1146
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

Tgt Ion:196 Resp: 304190
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.2 111.4
 200 29.7 24.0 36.0



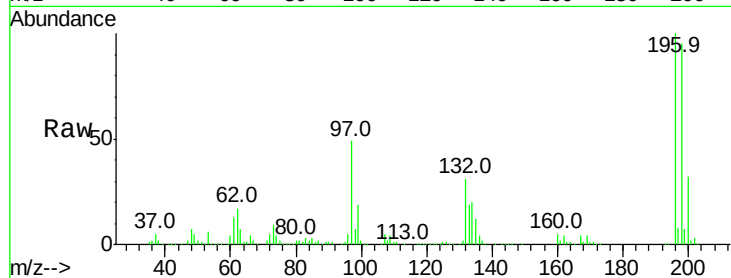


#43
 2,4,5-Trichlorophenol
 Concen: 40.72 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.04 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

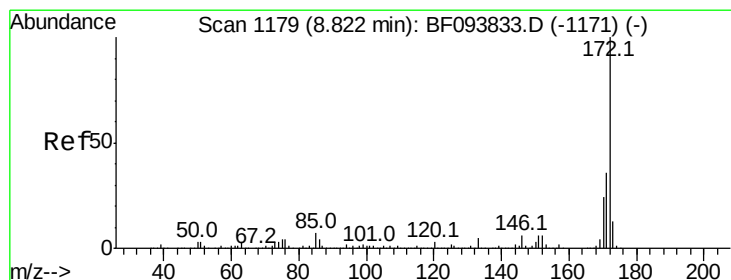
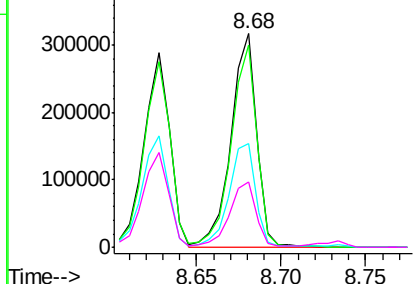
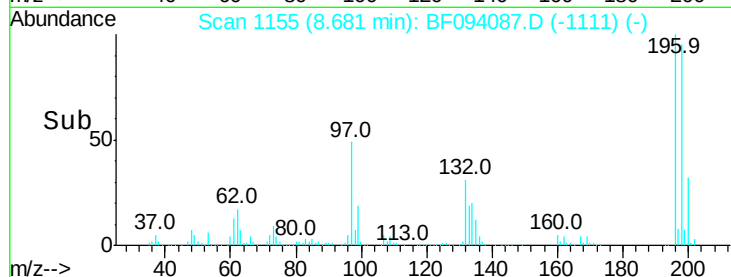
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 332071

Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.7	113.5
97	48.8	47.7	71.5
132	30.5	28.0	42.0



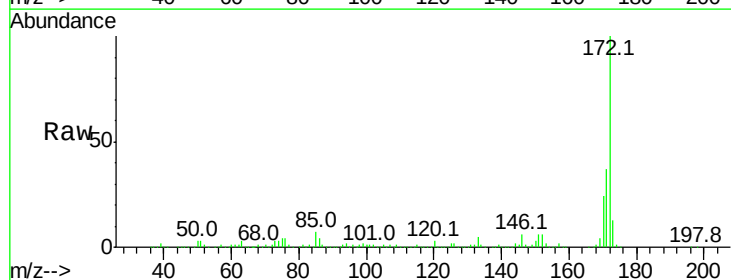
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



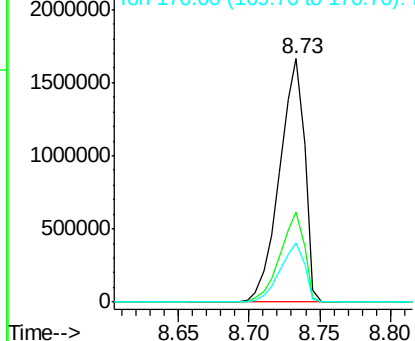
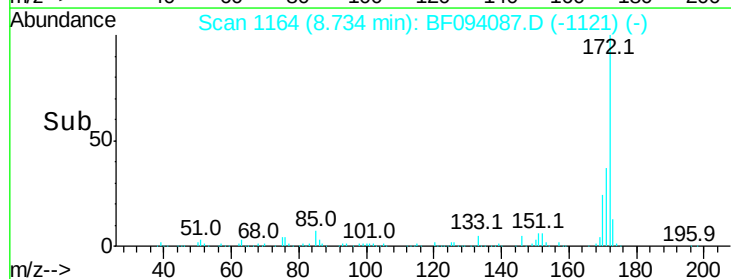
#44
 2-Fluorobiphenyl
 Concen: 80.78 ng
 RT: 8.73 min Scan# 1164
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

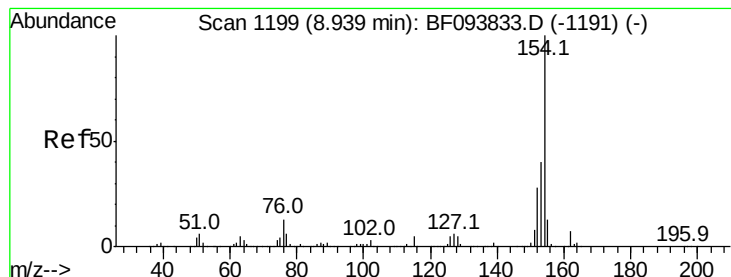
Tgt Ion:172 Resp: 2062068

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.4	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: 39.05 ng

RT: 8.85 min Scan# 1184

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

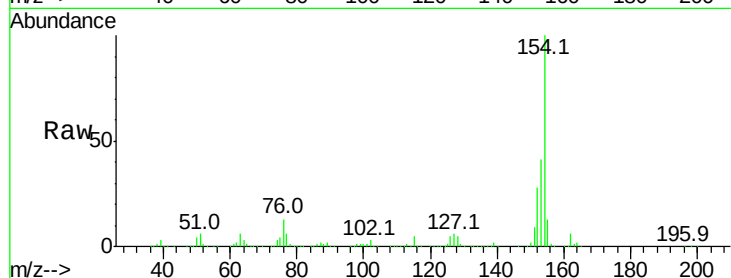
Tot Ion:154 Resp: 1226372

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

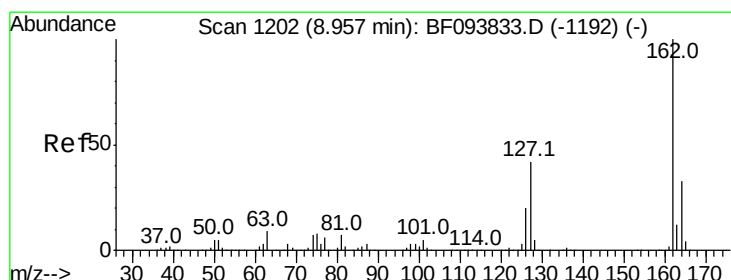
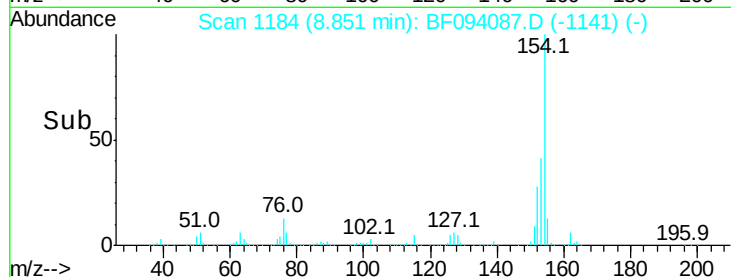
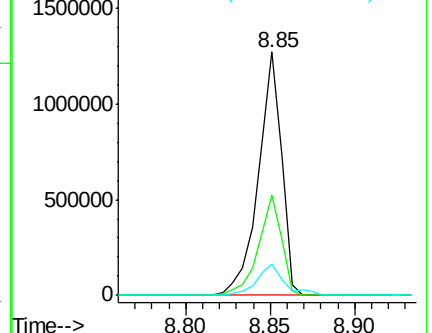
76 13.0 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.98 ng

RT: 8.87 min Scan# 1187

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

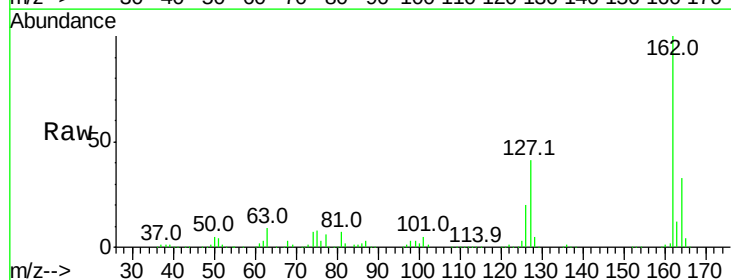
Tgt Ion:162 Resp: 958203

Ion Ratio Lower Upper

162 100

127 41.4 28.3 42.5

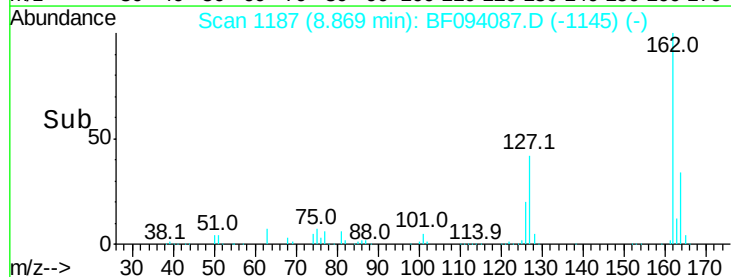
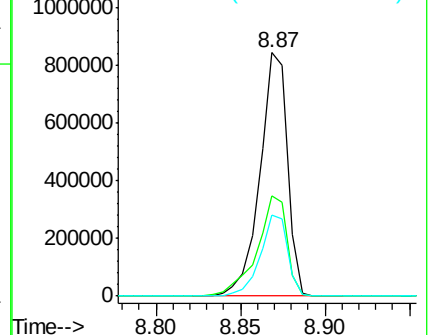
164 33.2 27.0 40.4

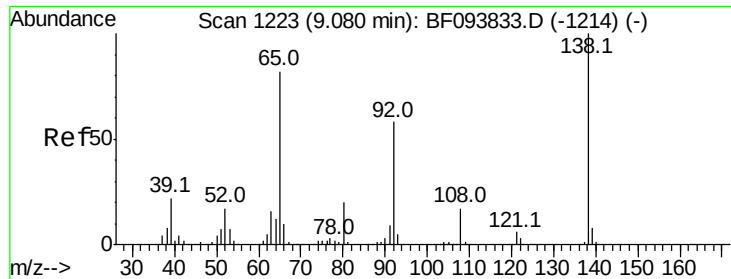


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.24 ng

RT: 9.00 min Scan# 1209

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

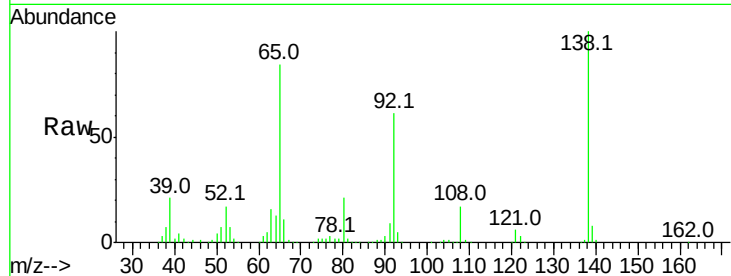
Tot Ion: 65 Resp: 300740

Ion Ratio Lower Upper

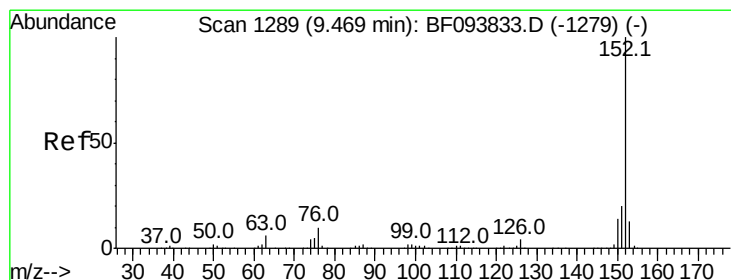
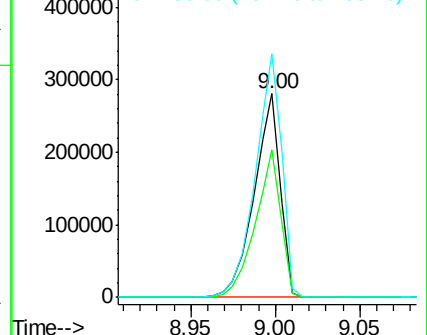
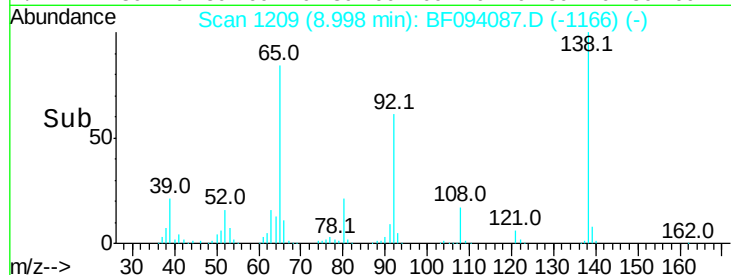
65 100

92 72.4 53.9 80.9

138 119.4 78.8 118.2#



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



#48

Acenaphthylene

Concen: 38.92 ng

RT: 9.38 min Scan# 1274

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

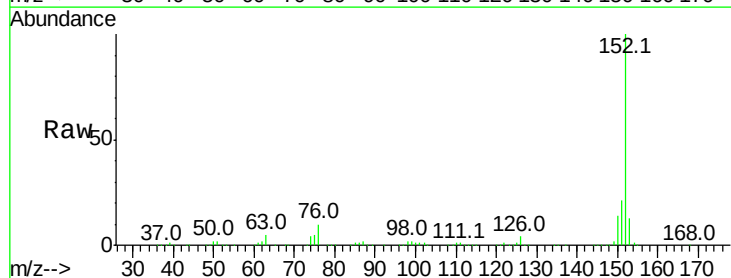
Tgt Ion:152 Resp: 1590344

Ion Ratio Lower Upper

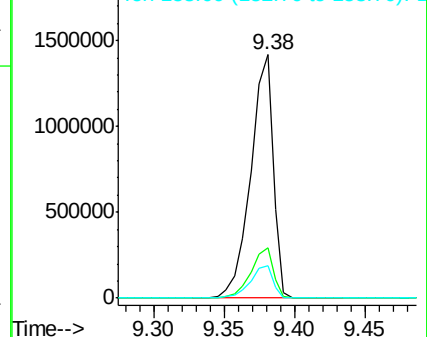
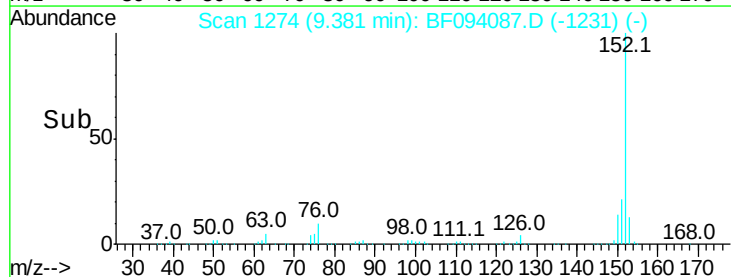
152 100

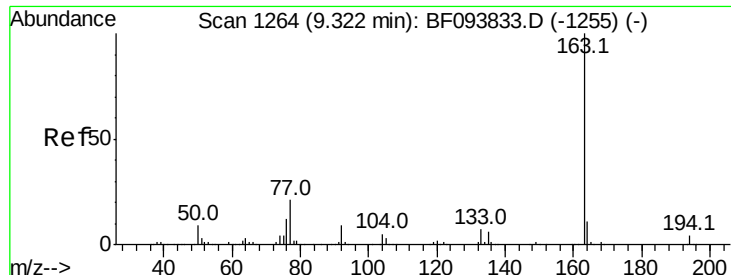
151 20.6 16.8 25.2

153 13.2 10.8 16.2



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

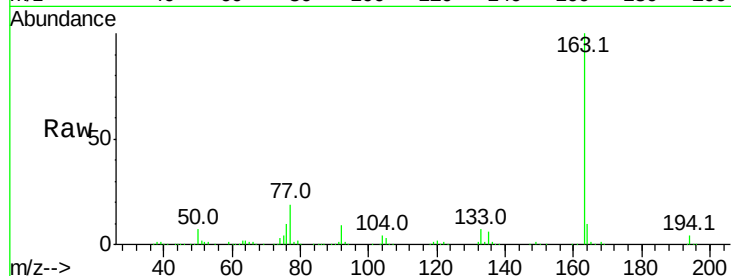




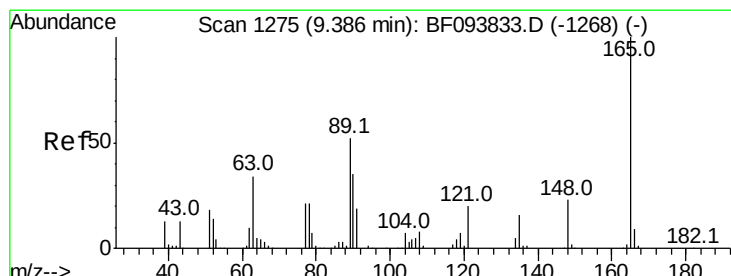
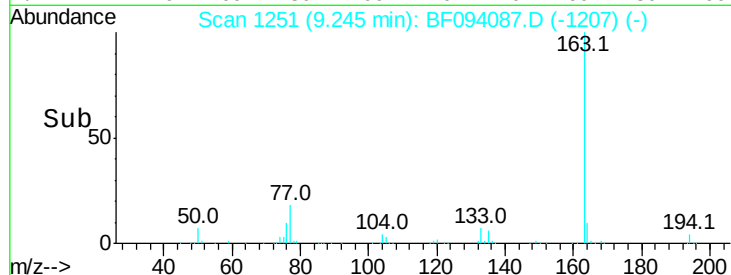
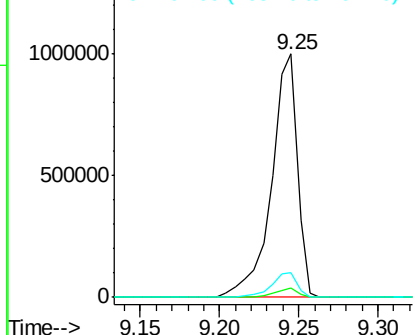
#49
Dimethylphthalate
Concen: 41.11 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1137830
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.0 8.4 12.6

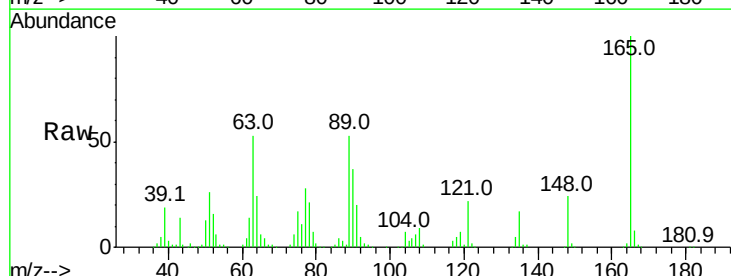


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

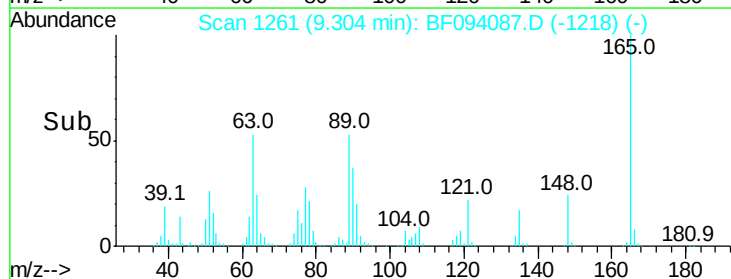
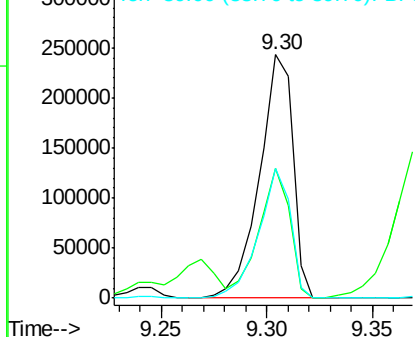


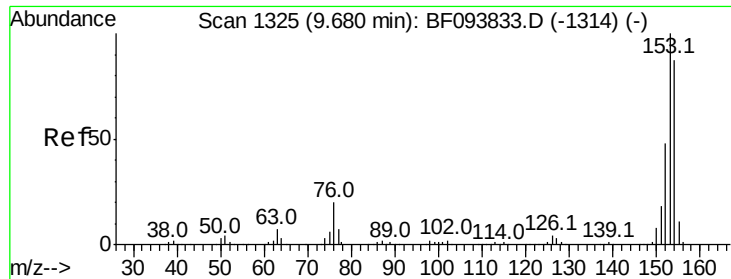
#50
2,6-Dinitrotoluene
Concen: 42.38 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Tgt Ion:165 Resp: 268860
Ion Ratio Lower Upper
165 100
63 53.0 34.3 51.5#
89 53.4 37.1 55.7



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





#51

Acenaphthene

Concen: 39.21 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

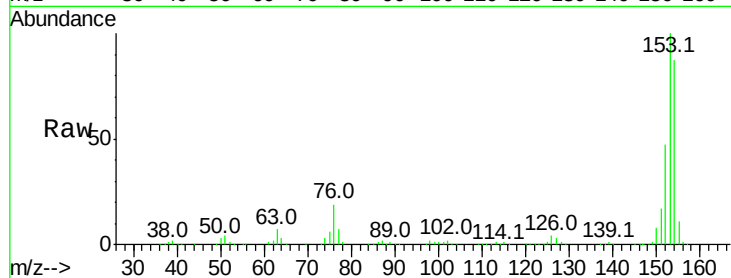
Tot Ion:154 Resp: 934669

Ion Ratio Lower Upper

154 100

153 114.4 90.5 135.7

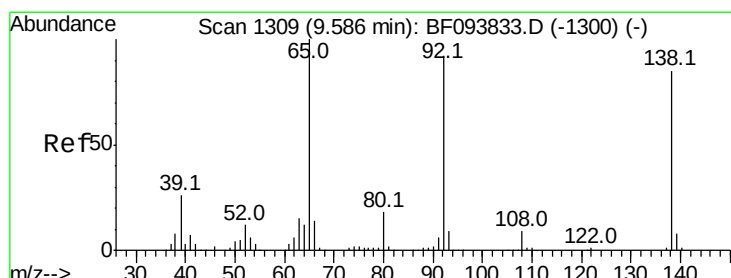
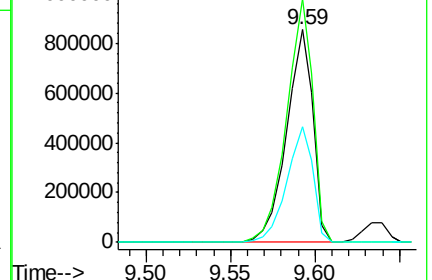
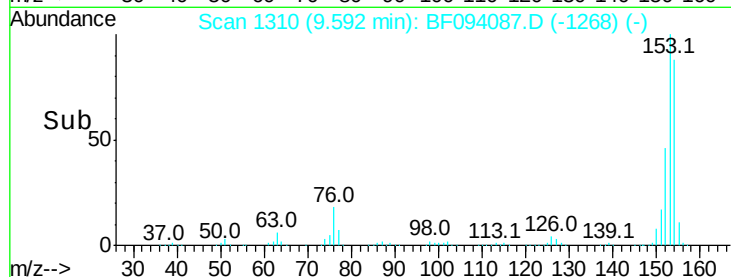
152 54.2 43.6 65.4



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: 41.39 ng

RT: 9.51 min Scan# 1296

Delta R.T. -0.04 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

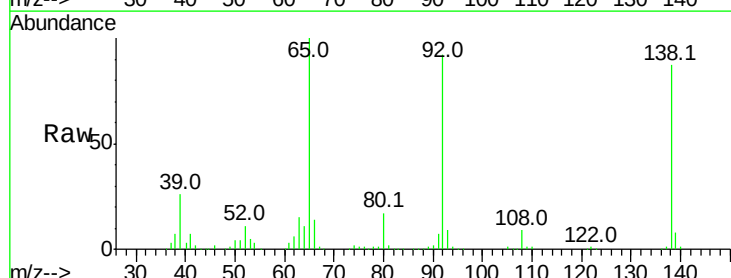
Tgt Ion:138 Resp: 308367

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

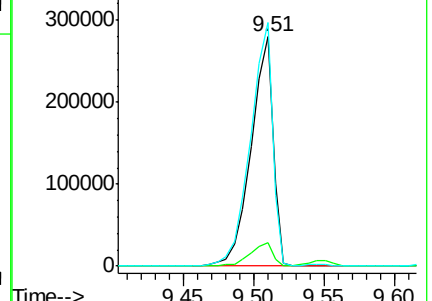
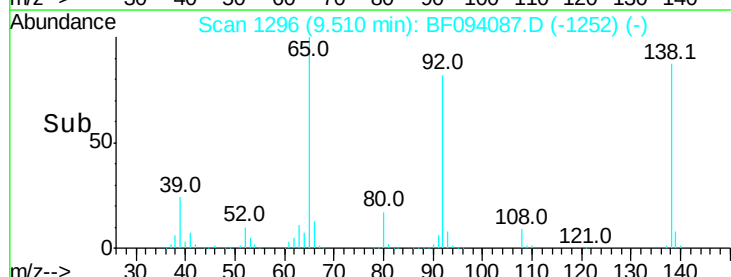
92 106.2 93.8 140.6

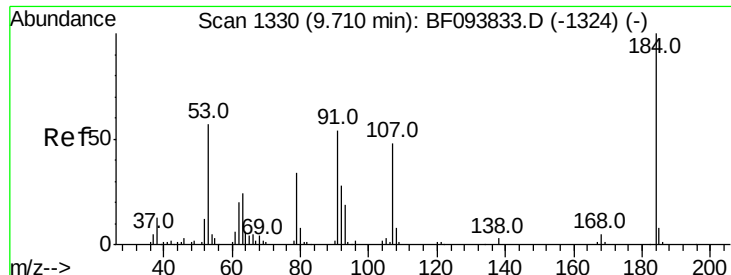


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

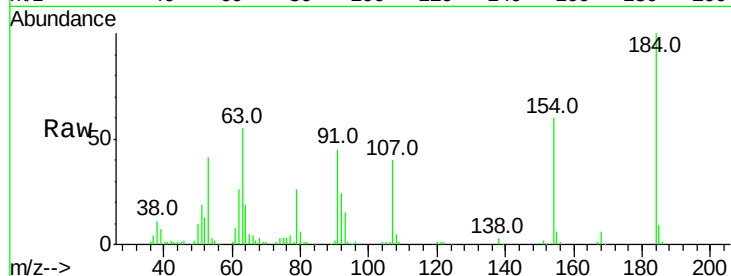




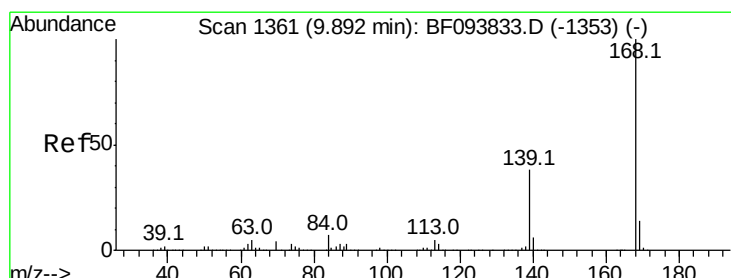
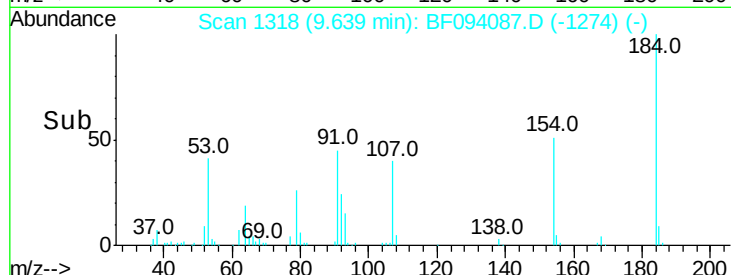
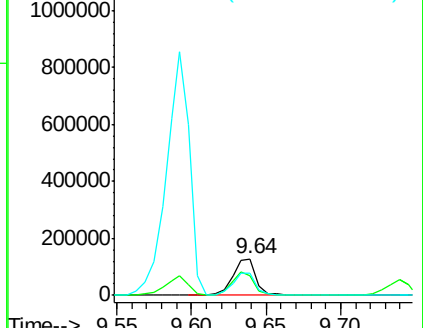
#53
2,4-Dinitrophenol
Concen: 43.69 ng
RT: 9.64 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 140694
Ion Ratio Lower Upper
184 100
63 54.8 62.7 94.1#
154 59.8 81.1 121.7#

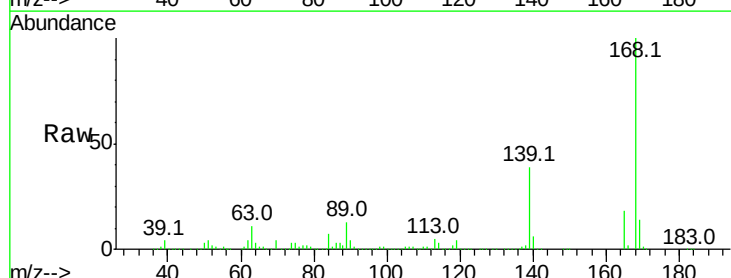


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

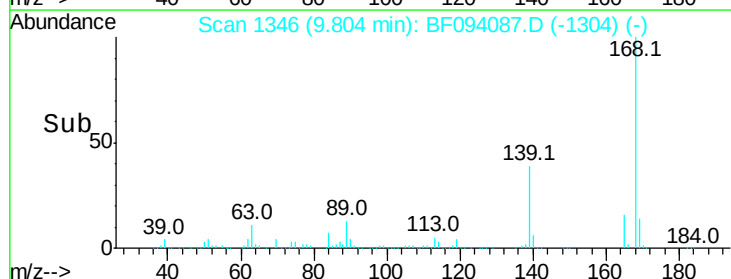
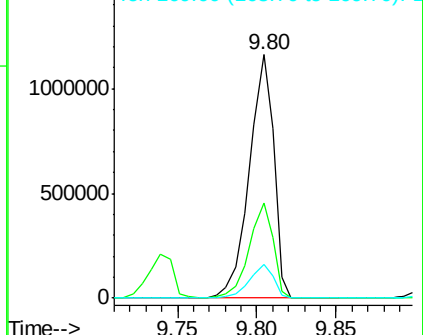


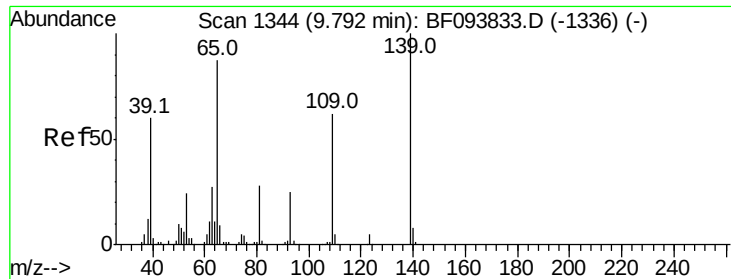
#54
Dibenzofuran
Concen: 38.35 ng
RT: 9.80 min Scan# 1346
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Tgt Ion:168 Resp: 1244517
Ion Ratio Lower Upper
168 100
139 39.0 30.6 45.8
169 13.8 10.8 16.2



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

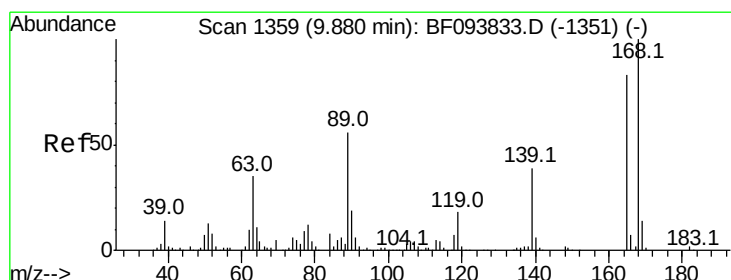
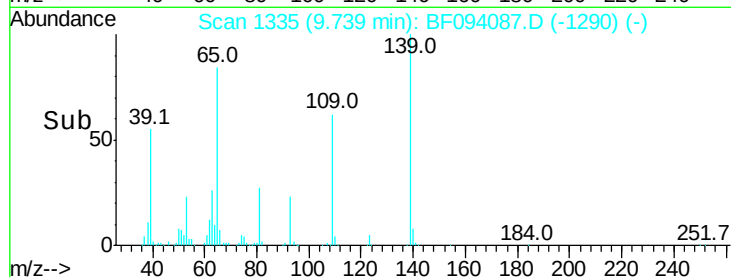
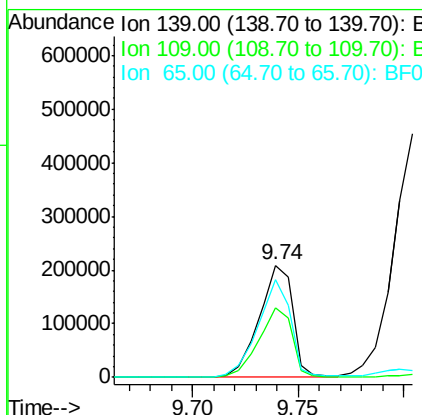
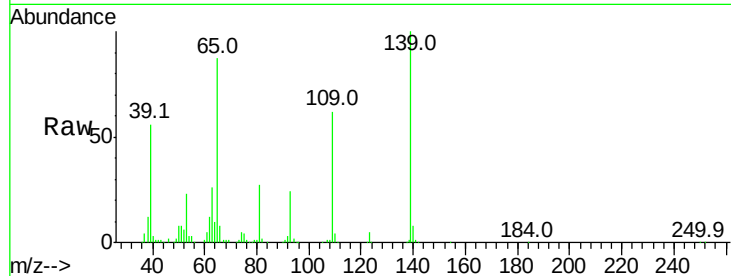




#55
4-Nitrophenol
Concen: 39.77 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.04 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

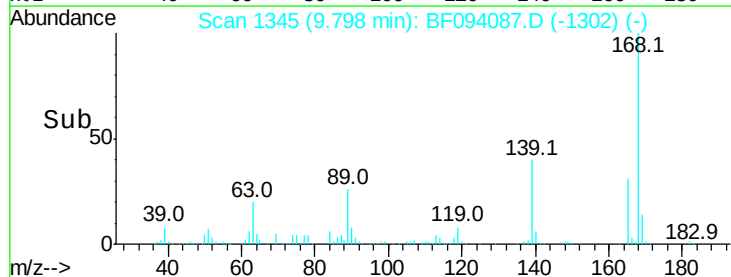
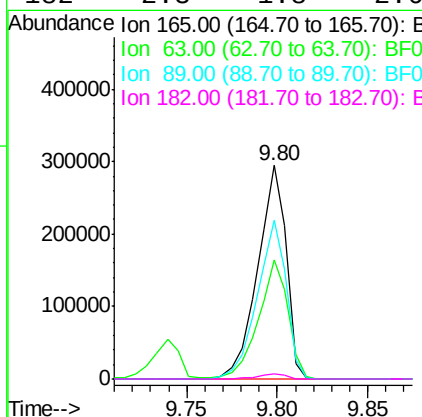
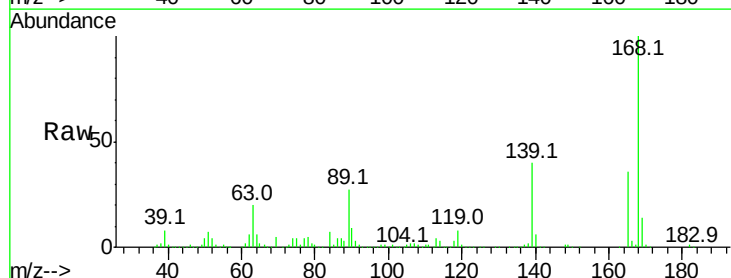
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

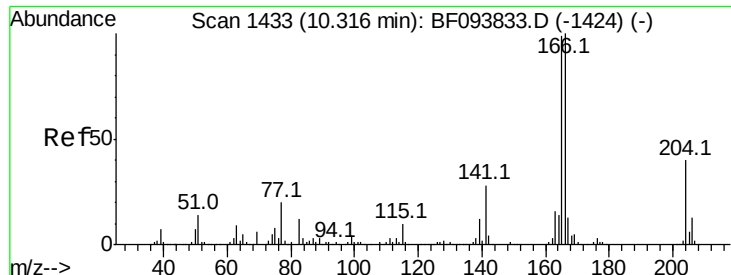
Tot Ion:139 Resp: 232051
Ion Ratio Lower Upper
139 100
109 62.3 34.1 74.1
65 86.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 40.32 ng
RT: 9.80 min Scan# 1345
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Tgt Ion:165 Resp: 321349
Ion Ratio Lower Upper
165 100
63 55.7 25.4 38.0#
89 74.6 46.4 69.6#
182 2.3 1.8 2.6



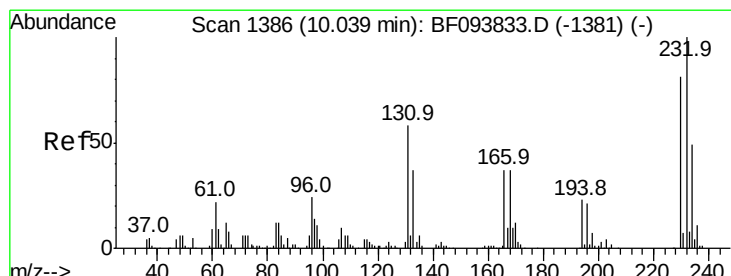
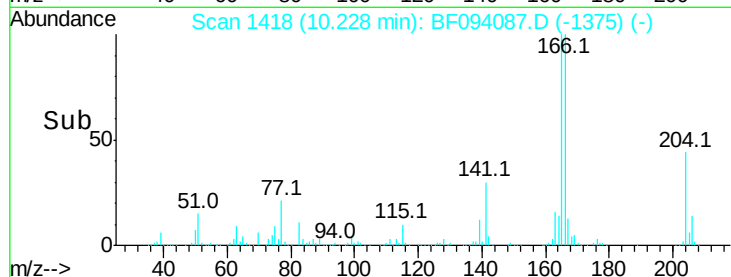
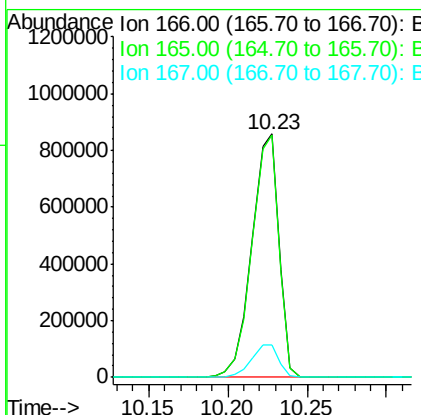
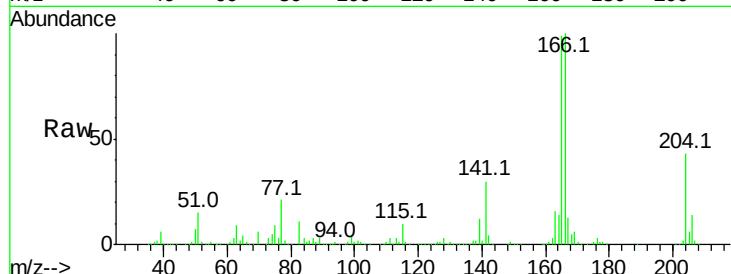


#57
Fluorene
 Concen: 37.96 ng
 RT: 10.23 min Scan# 1418
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:166 Resp: 1021638

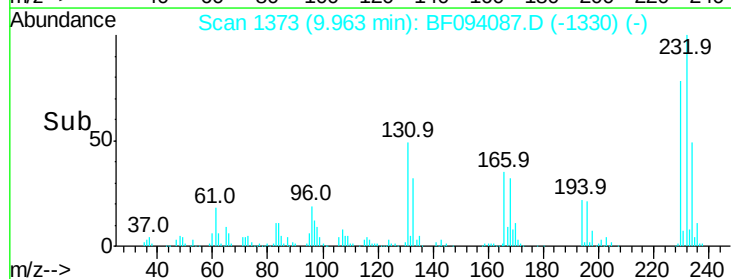
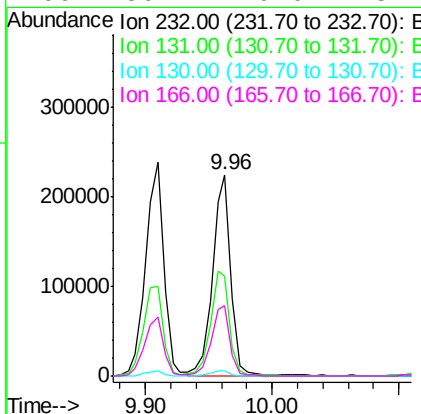
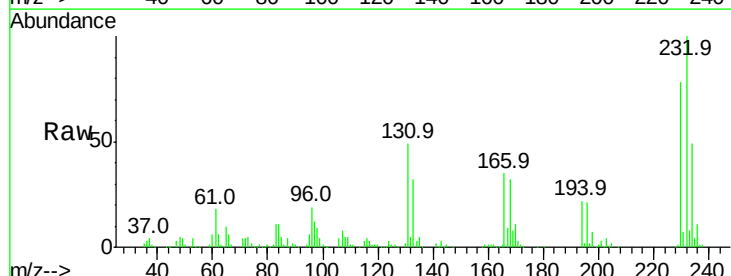
Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.8	118.2
167	13.3	10.6	16.0

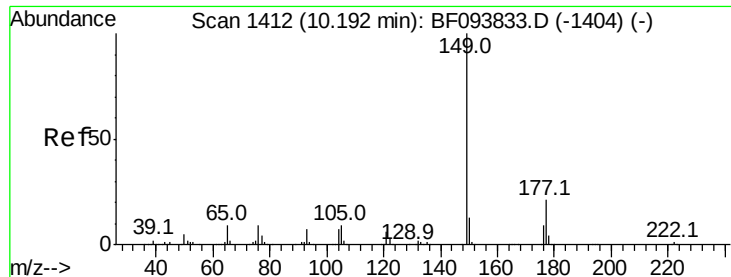


#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.47 ng
 RT: 9.96 min Scan# 1373
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

Tgt Ion:232 Resp: 226430

Ion	Ratio	Lower	Upper
232	100		
131	54.1	44.8	67.2
130	2.6	2.3	3.5
166	36.7	29.0	43.4

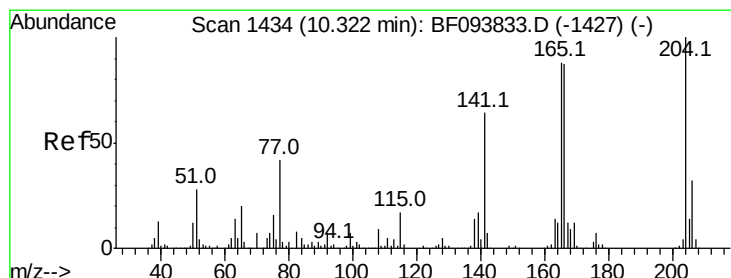
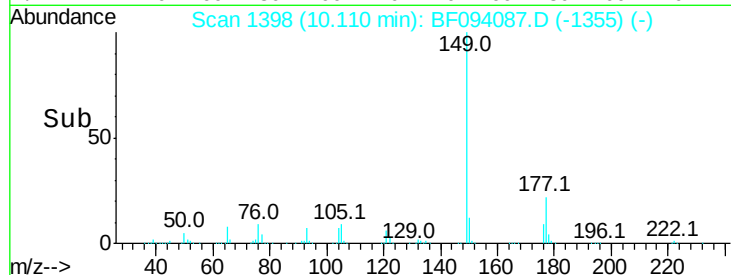
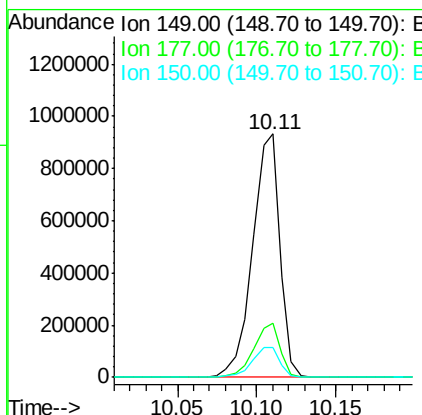
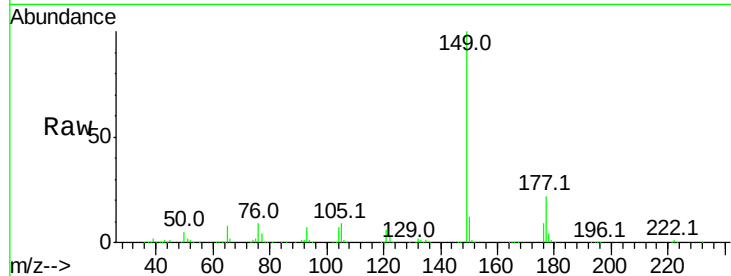




#59
Diethylphthalate
Concen: 40.76 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

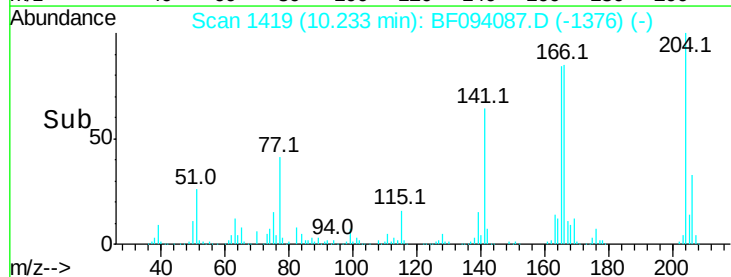
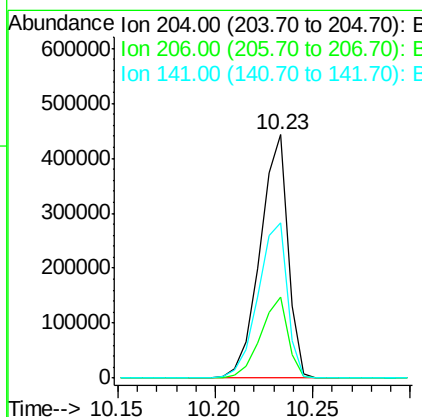
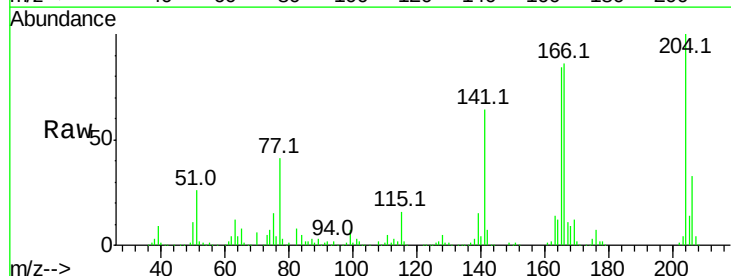
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

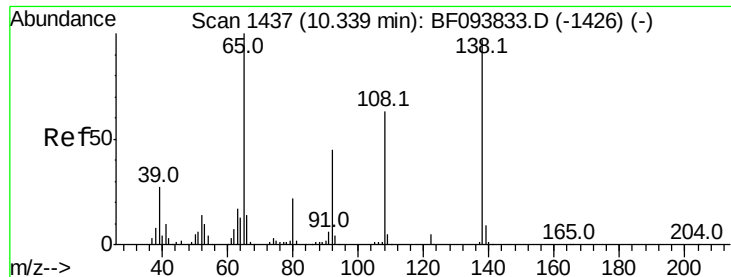
Tot Ion:149 Resp: 1115095
Ion Ratio Lower Upper
149 100
177 22.1 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.14 ng
RT: 10.23 min Scan# 1419
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Tgt Ion:204 Resp: 437257
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 64.0 60.8 91.2

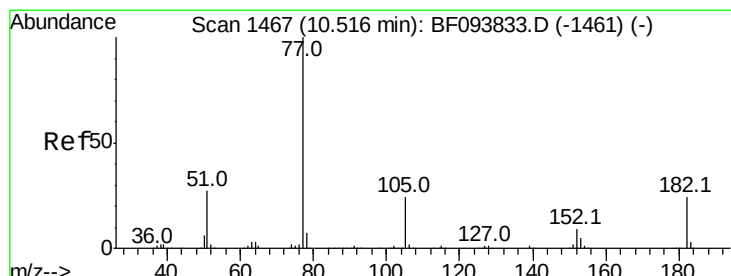
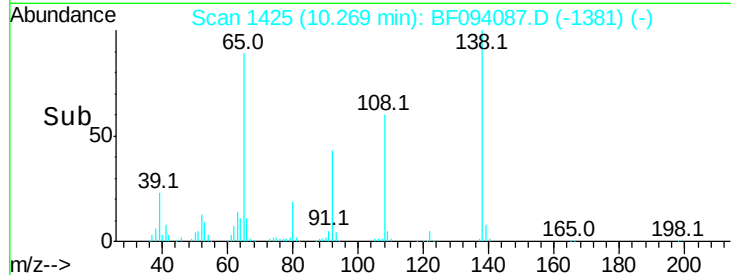
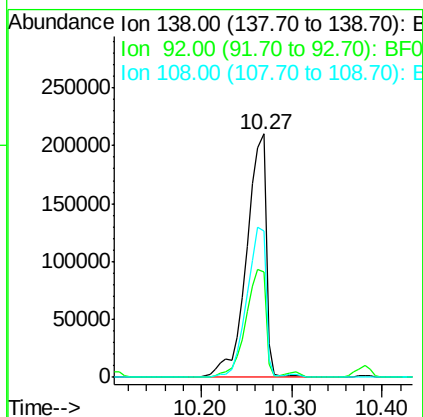
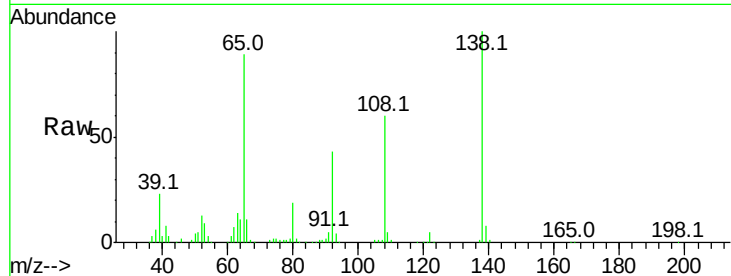




#61
4-Nitroaniline
Concen: 44.02 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.04 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

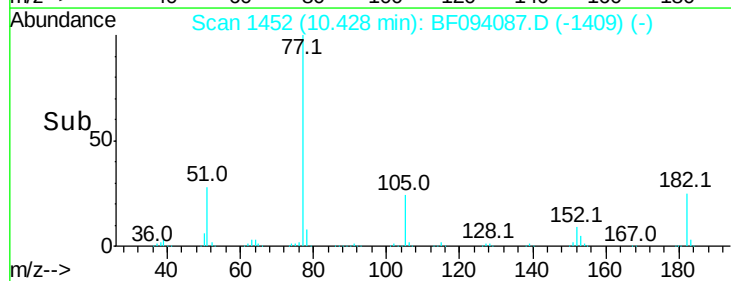
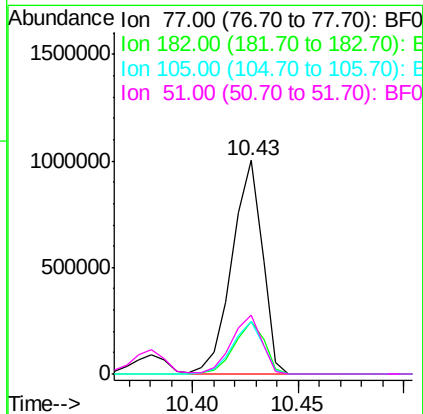
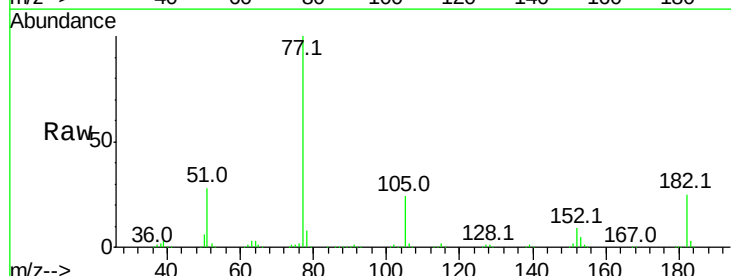
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

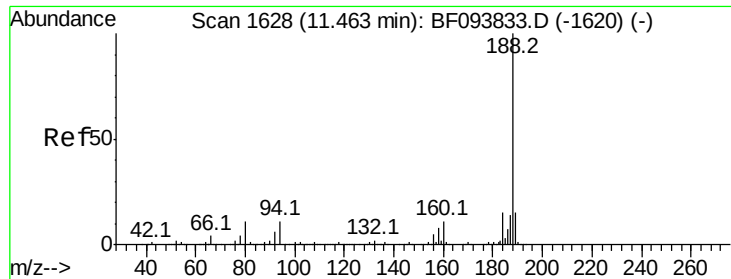
Tot Ion:138 Resp: 314711
Ion Ratio Lower Upper
138 100
92 43.2 21.8 61.8
108 60.2 42.3 82.3



#62
Azobenzene
Concen: 38.52 ng
RT: 10.43 min Scan# 1452
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Tgt Ion: 77 Resp: 996684
Ion Ratio Lower Upper
77 100
182 24.7 0.1 40.1
105 24.3 3.6 43.6
51 27.7 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1613

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

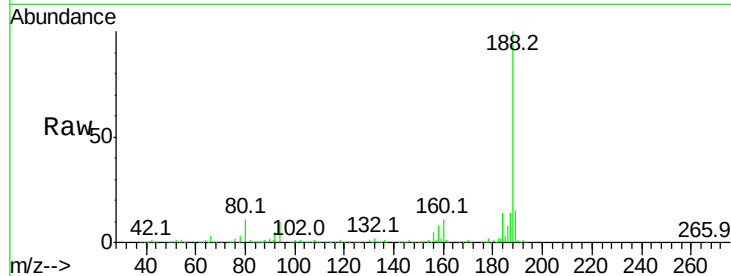
Tot Ion:188 Resp: 691573

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

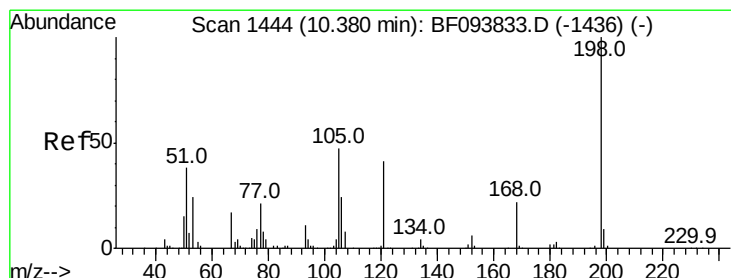
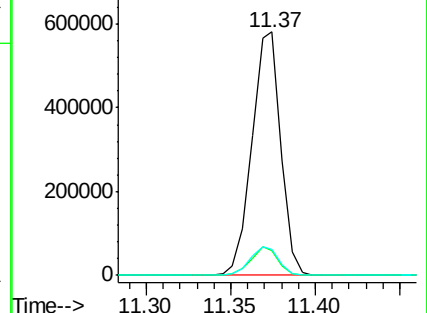
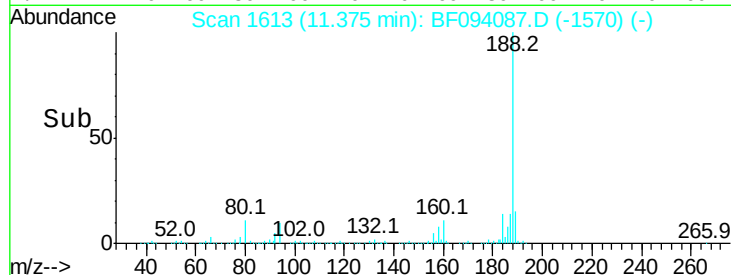
80 10.6 10.2 15.2



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: 45.32 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

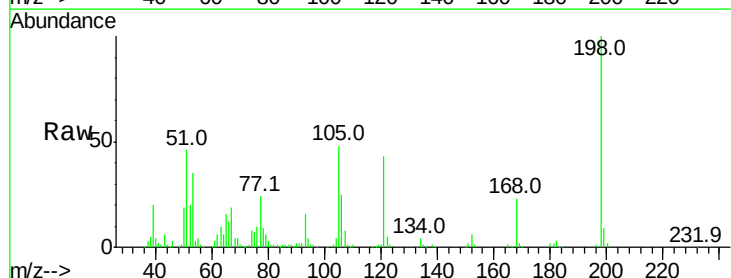
Tgt Ion:198 Resp: 191925

Ion Ratio Lower Upper

198 100

51 46.0 53.2 93.2#

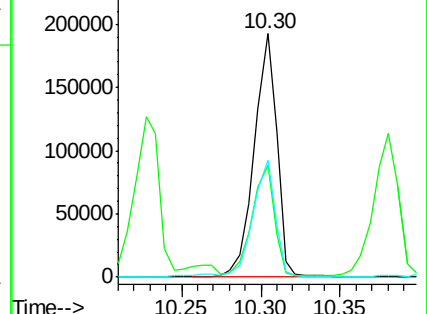
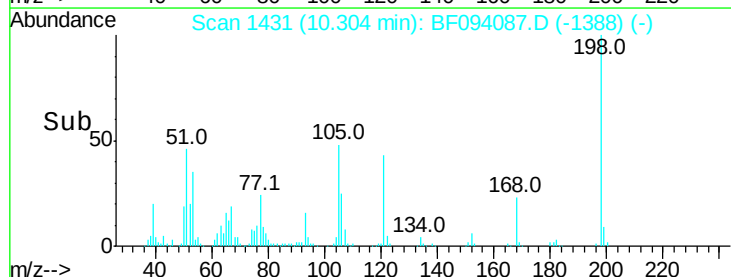
105 48.0 45.8 85.8

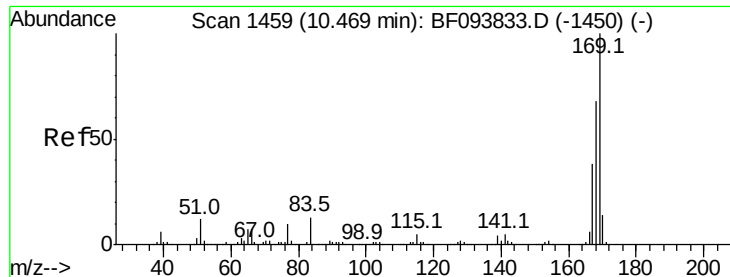


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.53 ng

RT: 10.38 min Scan# 1444

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

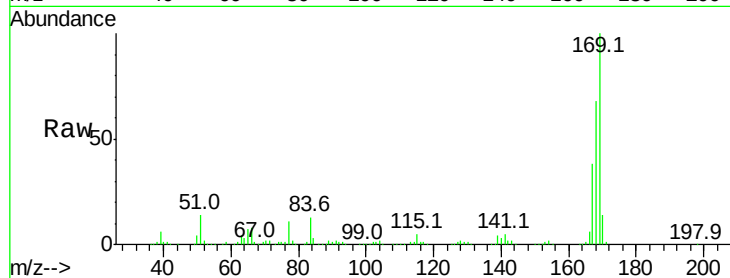
Tot Ion:169 Resp: 945435

Ion Ratio Lower Upper

169 100

168 68.3 53.2 79.8

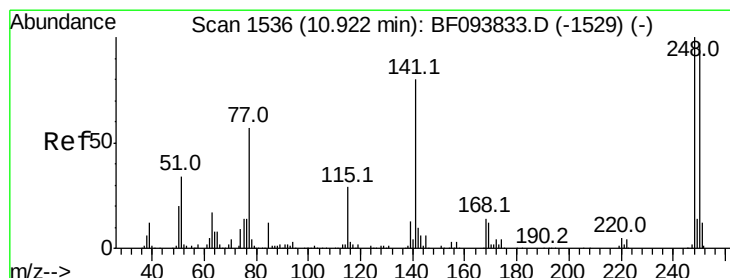
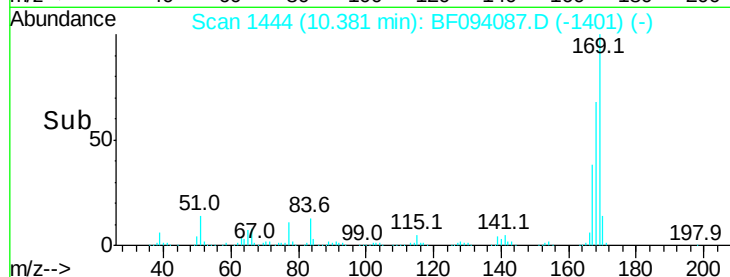
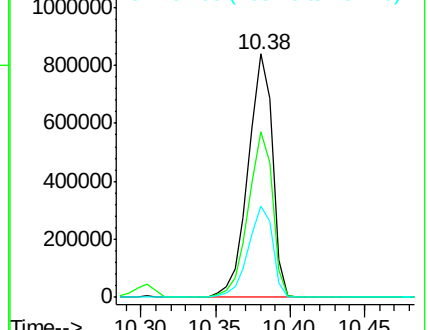
167 37.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.98 ng

RT: 10.83 min Scan# 1520

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

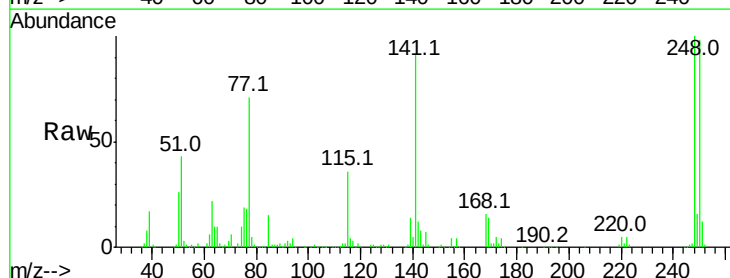
Tgt Ion:248 Resp: 278750

Ion Ratio Lower Upper

248 100

250 97.6 76.8 115.2

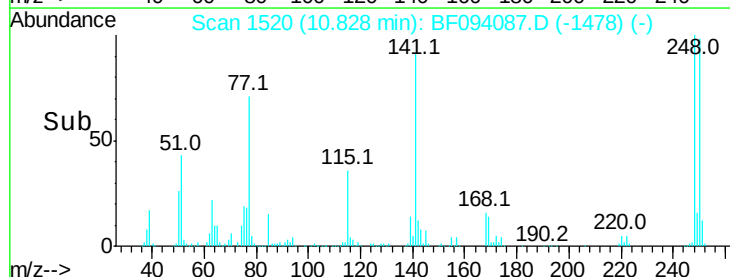
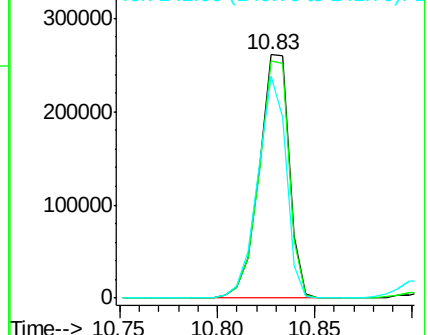
141 91.0 68.6 103.0

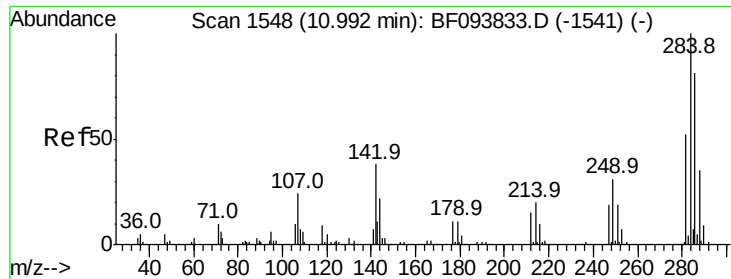


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.28 ng

RT: 10.90 min Scan# 1533

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

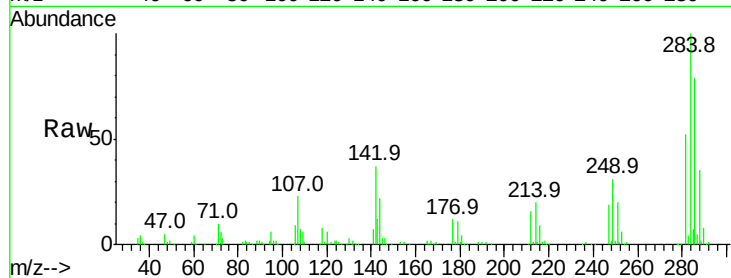
Tot Ion:284 Resp: 284210

Ion Ratio Lower Upper

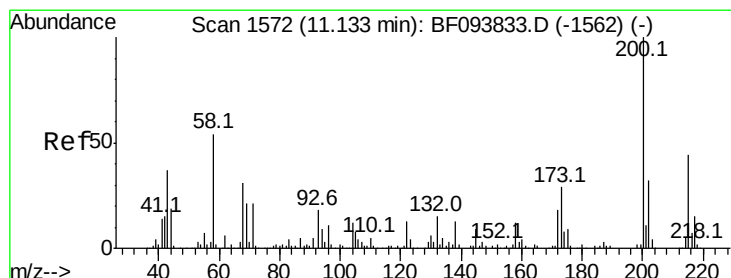
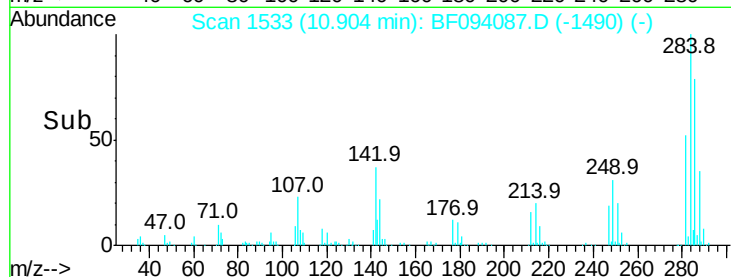
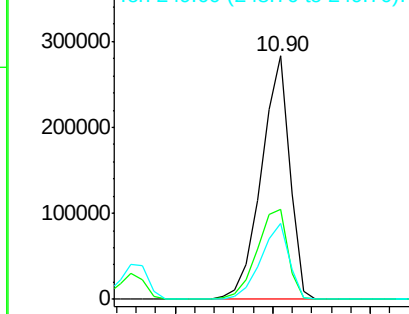
284 100

142 37.1 22.8 34.2#

249 31.0 24.0 36.0



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



#68

Atrazine

Concen: 40.84 ng

RT: 11.05 min Scan# 1558

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

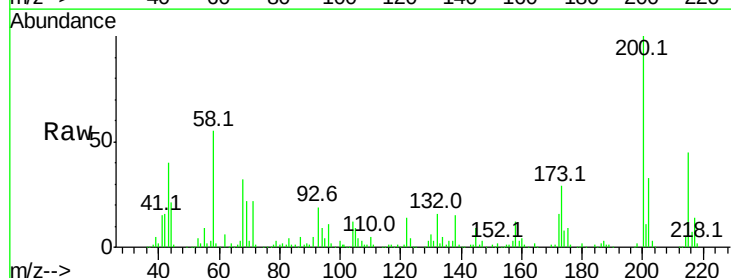
Tgt Ion:200 Resp: 292525

Ion Ratio Lower Upper

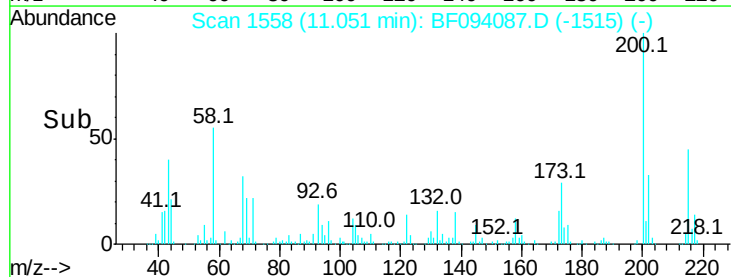
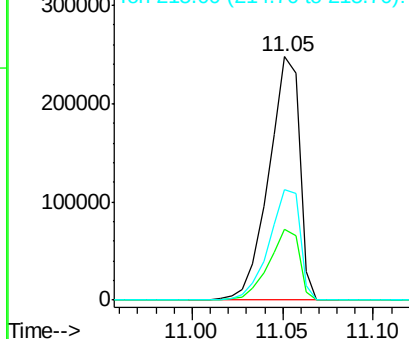
200 100

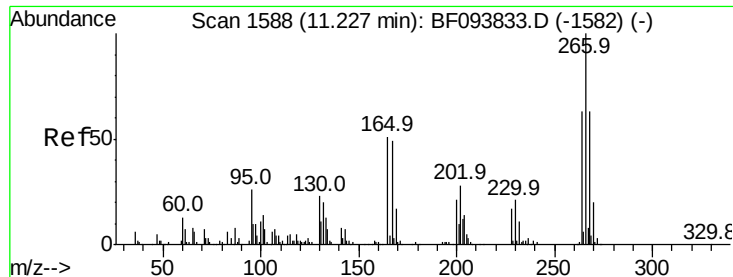
173 29.3 6.3 46.3

215 45.2 27.2 67.2



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

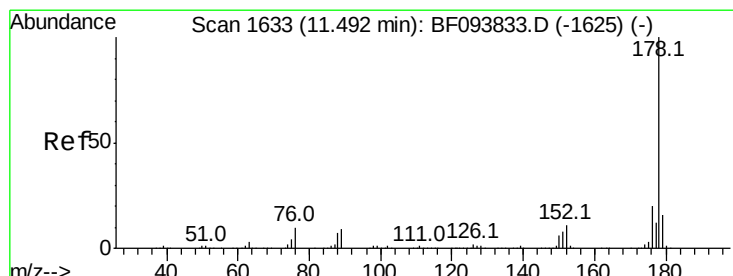
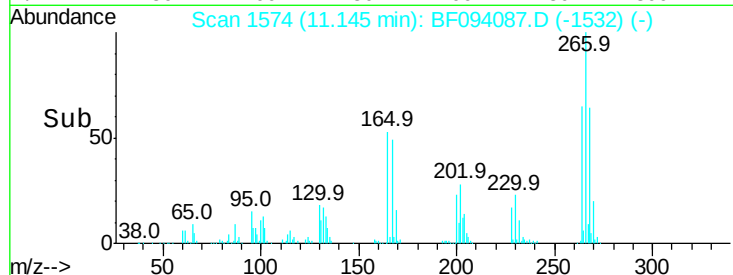
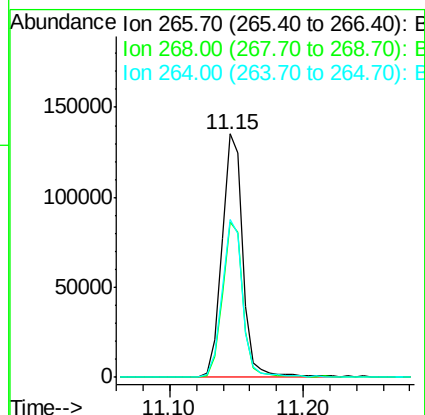
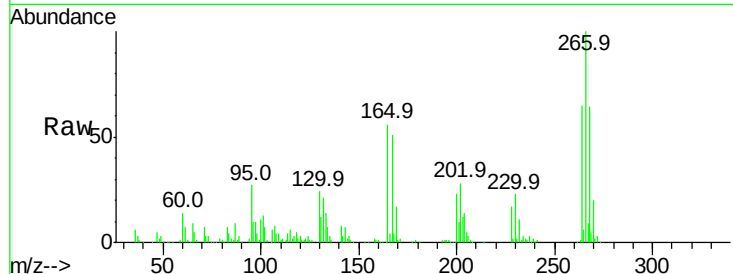




#69
 Pentachlorophenol
 Concen: 35.01 ng
 RT: 11.15 min Scan# 1574
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

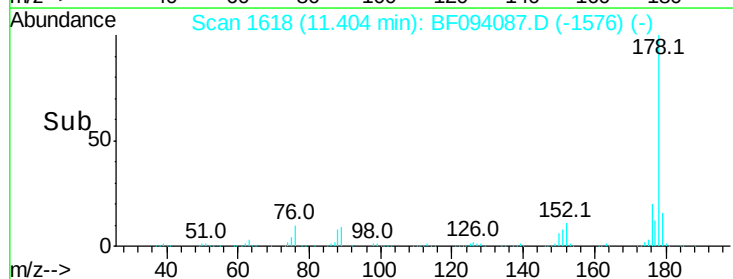
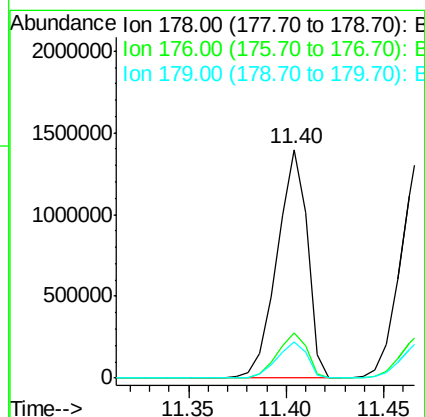
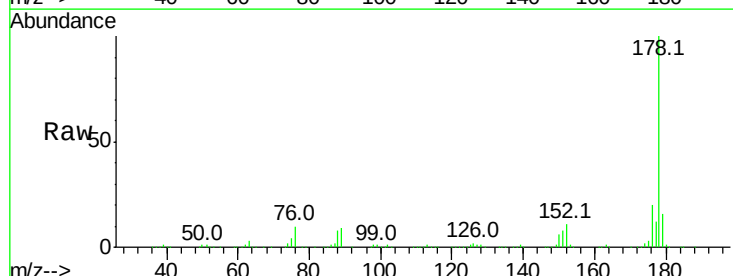
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

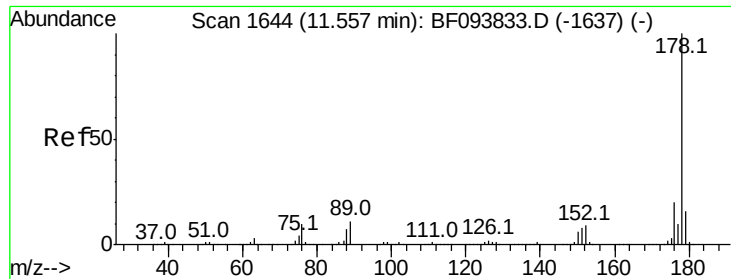
Tot Ion:266 Resp: 150039
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 64.6 51.7 77.5



#70
 Phenanthrene
 Concen: 39.09 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

Tgt Ion:178 Resp: 1503758
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.8 12.6 19.0

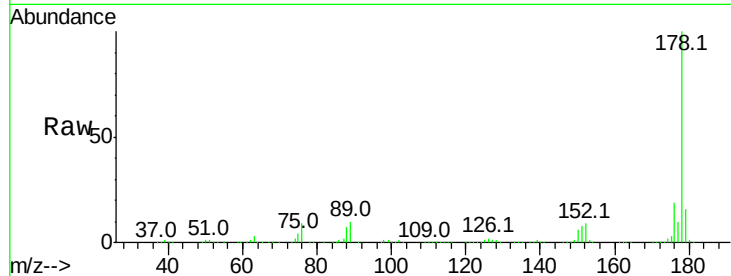




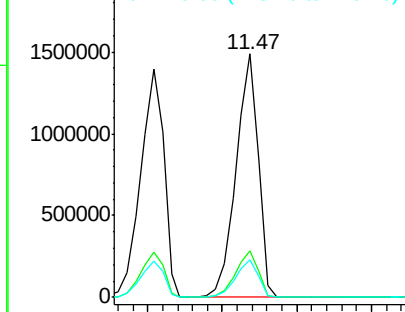
#71
 Anthracene
 Concen: 39.21 ng
 RT: 11.47 min Scan# 1629
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

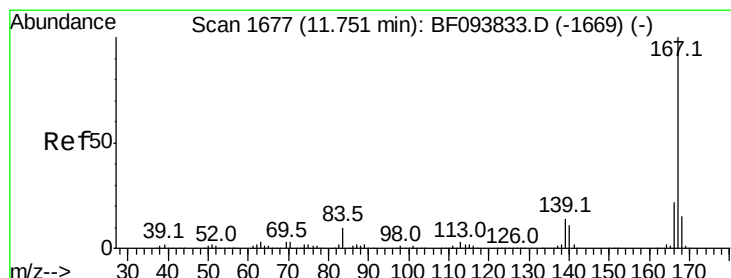
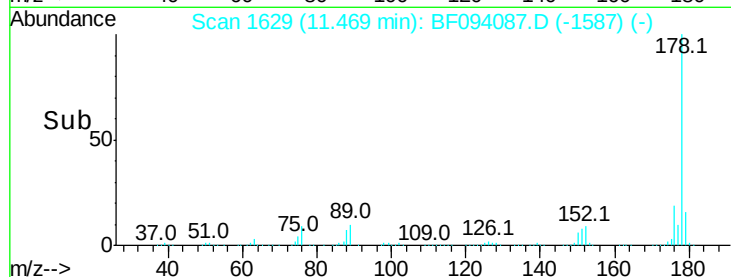
Tot Ion:178 Resp: 1553064
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.5 12.7 19.1



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

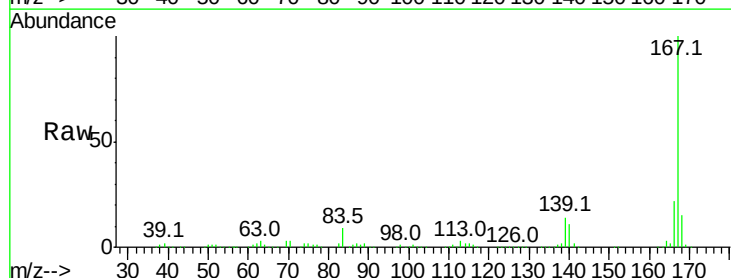


Time-->

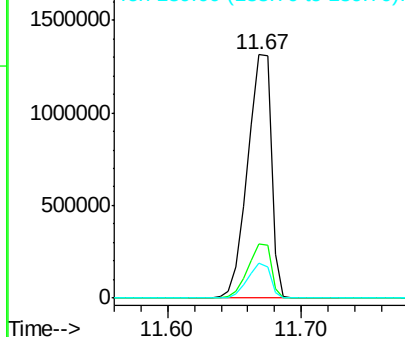


#72
 Carbazole
 Concen: 39.25 ng
 RT: 11.67 min Scan# 1663
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

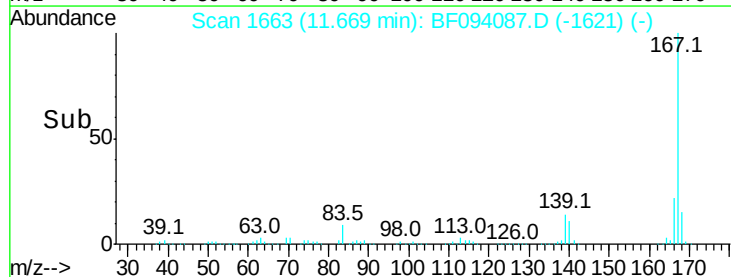
Tgt Ion:167 Resp: 1594050
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 14.2 11.7 17.5

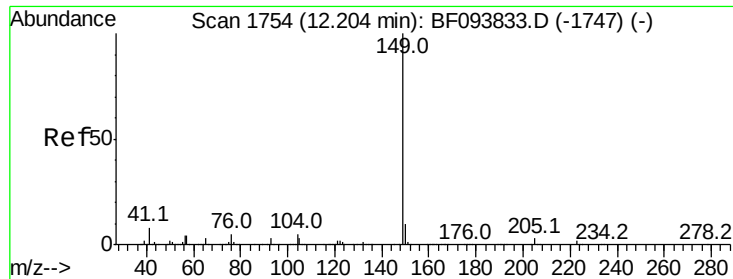


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 40.98 ng

RT: 12.12 min Scan# 1739

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

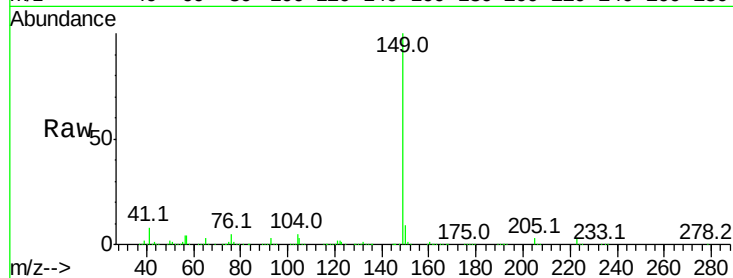
Tot Ion:149 Resp: 1731174

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

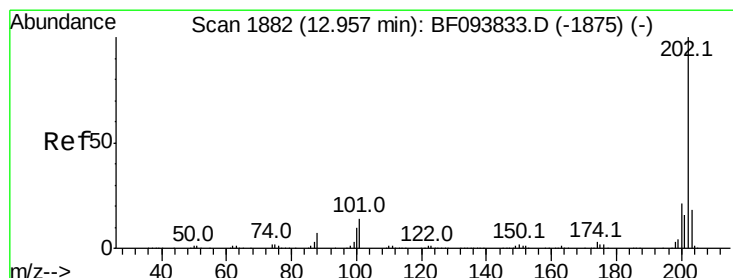
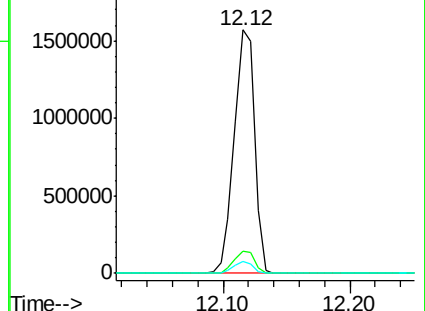
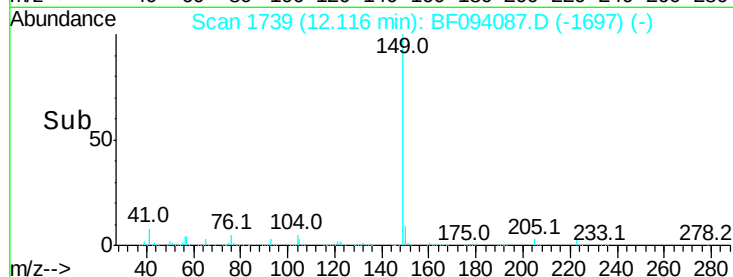
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.70 ng

RT: 12.87 min Scan# 1867

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

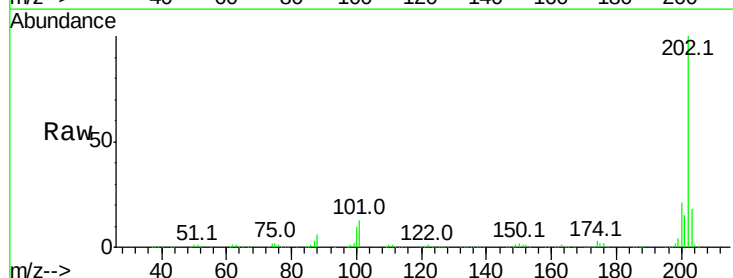
Tgt Ion:202 Resp: 1563767

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

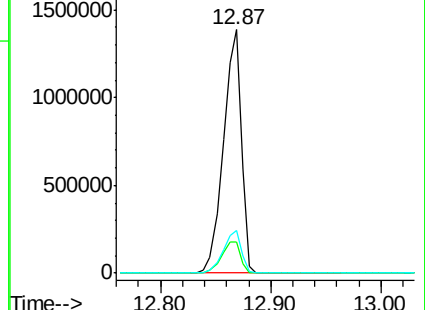
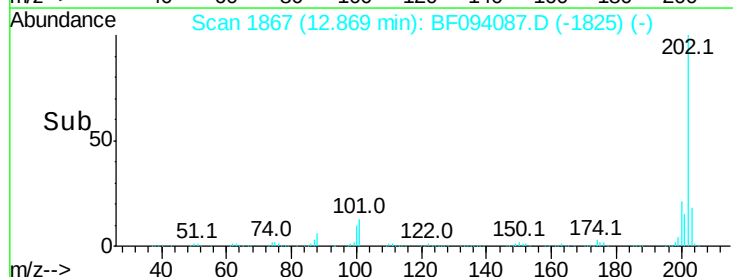
203 17.7 0.0 38.1

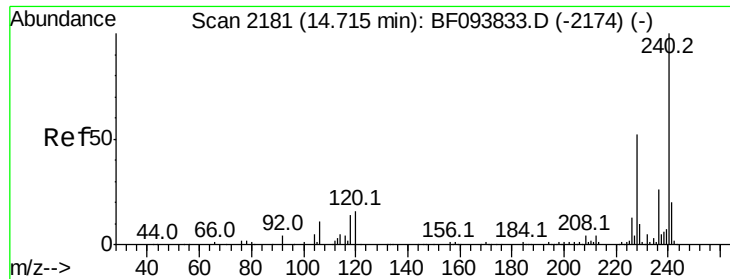


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

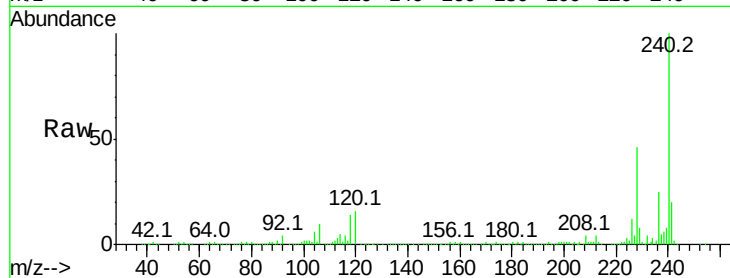




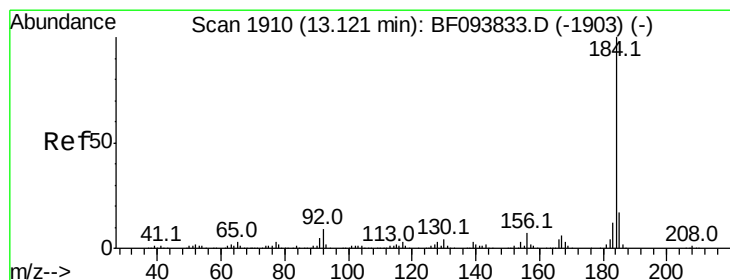
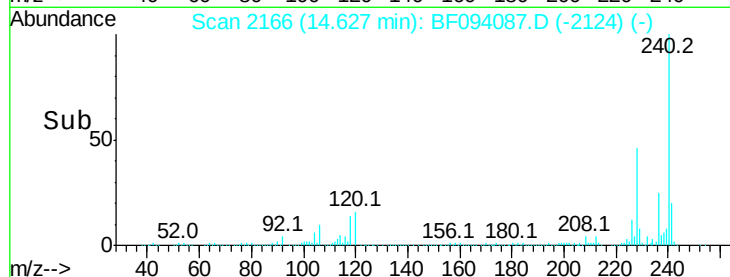
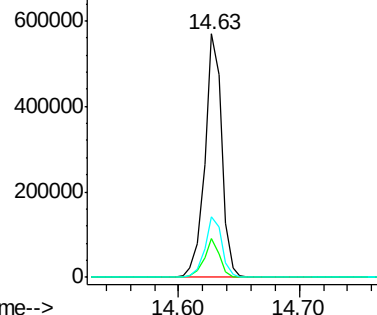
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.63 min Scan# 2166
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:240 Resp: 554911
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 25.0 20.5 30.7

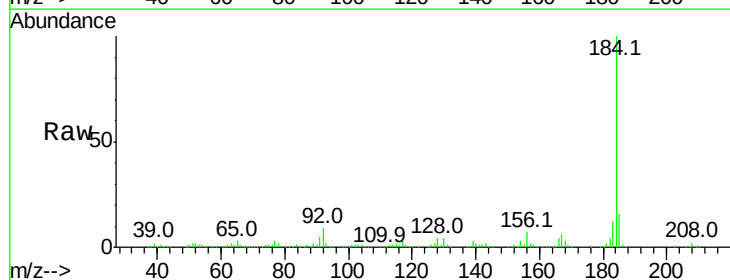


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

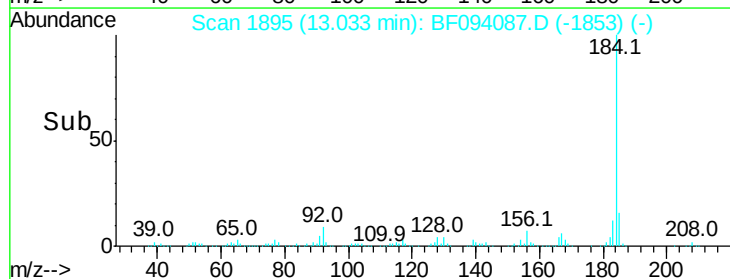
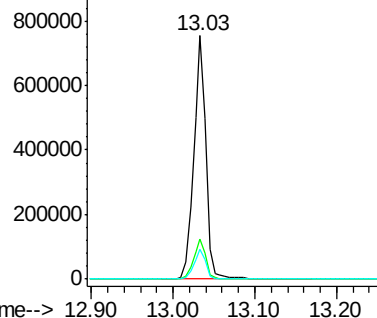


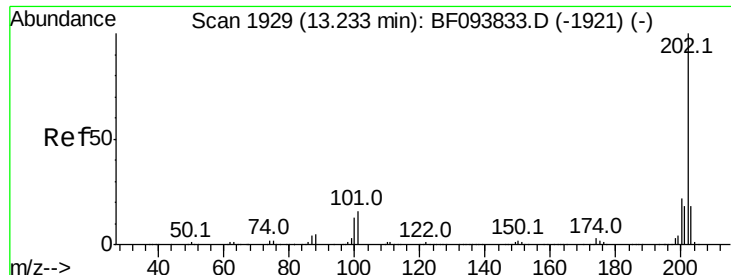
#76
Benzidine
Concen: 35.39 ng
RT: 13.03 min Scan# 1895
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Tgt Ion:184 Resp: 777290
Ion Ratio Lower Upper
184 100
185 16.4 15.5 23.3
183 12.4 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.71 ng

RT: 13.15 min Scan# 1914

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

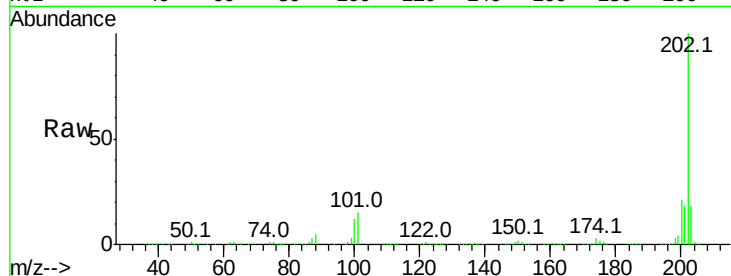
Tot Ion:202 Resp: 1599272

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

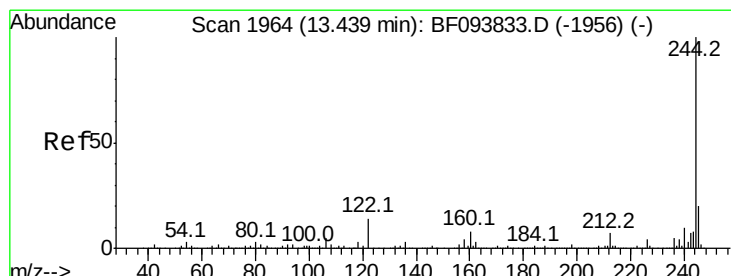
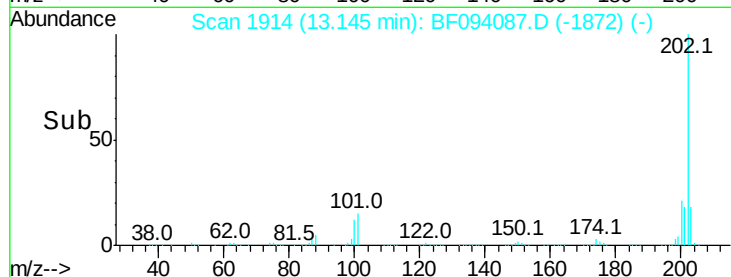
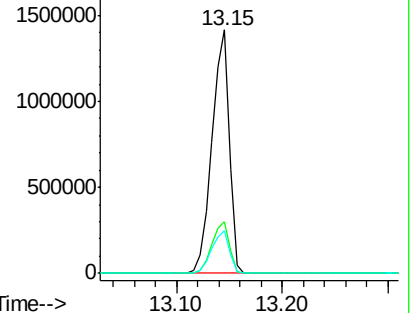
203 17.6 14.4 21.6



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: 78.75 ng

RT: 13.35 min Scan# 1949

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

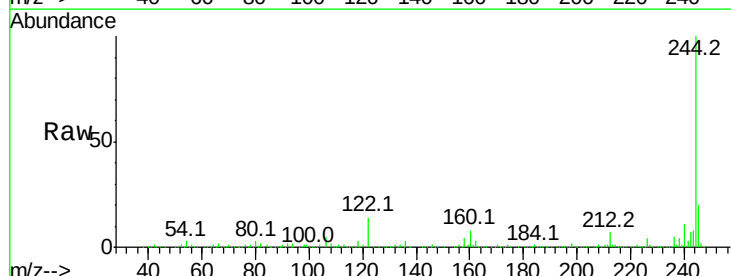
Tgt Ion:244 Resp: 1949443

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

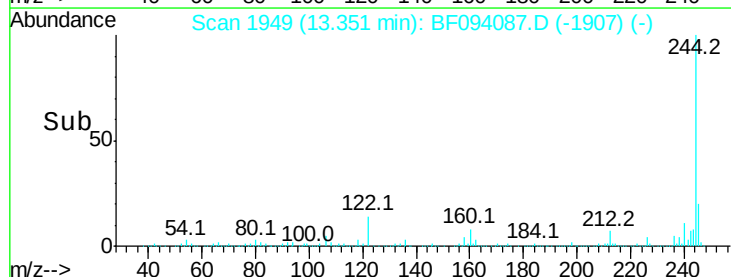
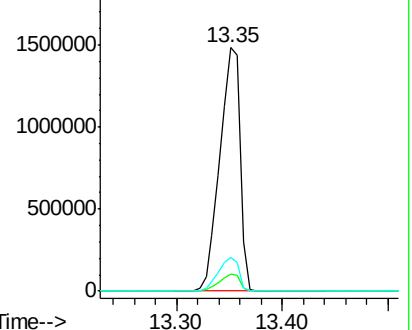
122 13.7 10.3 15.5

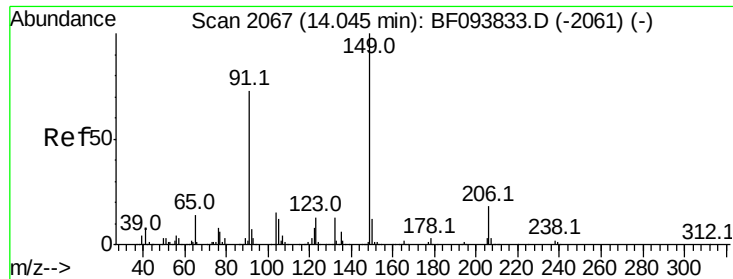


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

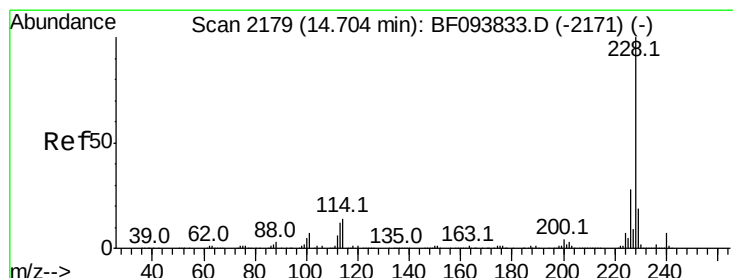
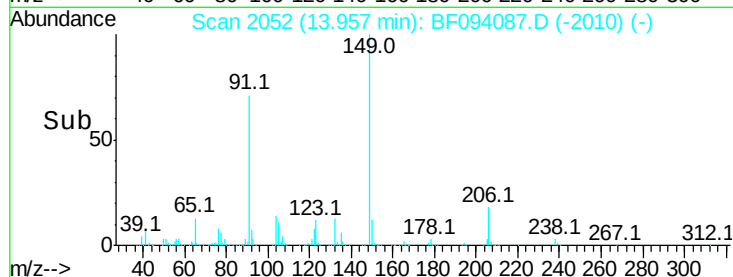
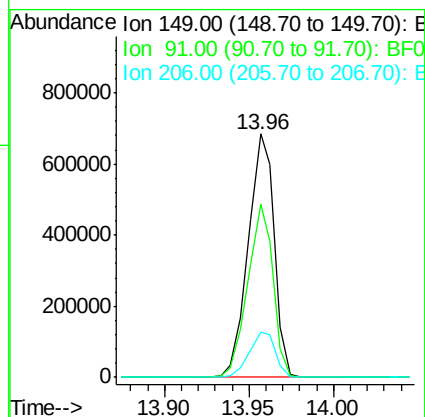
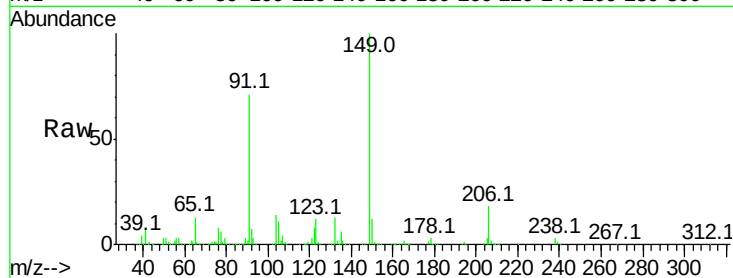




#79
Butylbenzylphthalate
Concen: 42.83 ng
RT: 13.96 min Scan# 2052
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

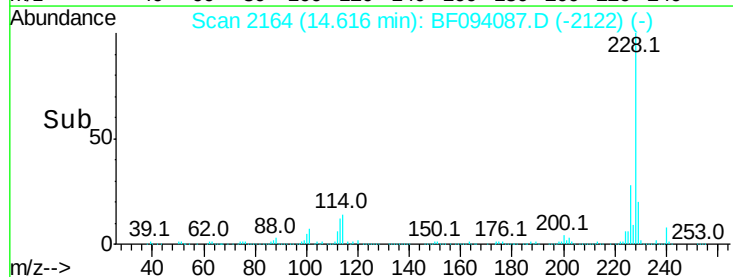
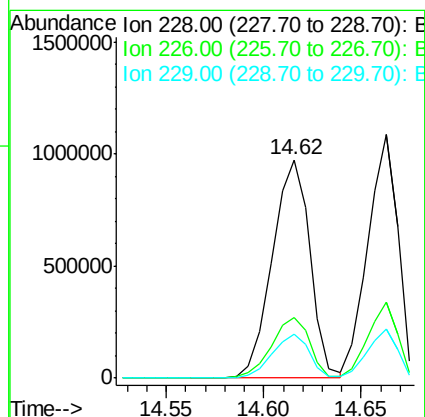
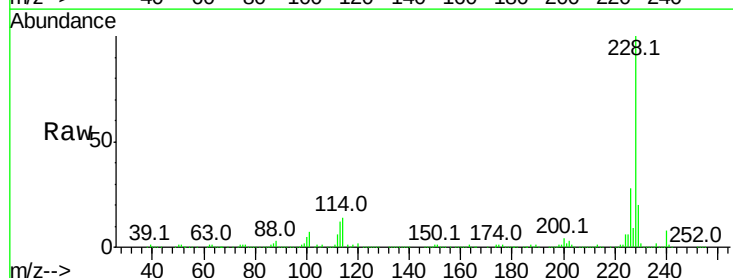
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

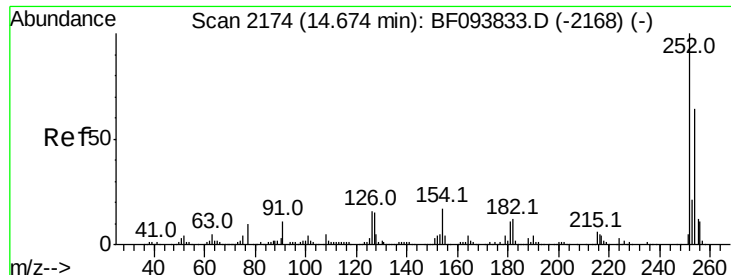
Tot Ion:149 Resp: 734977
Ion Ratio Lower Upper
149 100
91 71.2 45.0 67.4#
206 18.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.19 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Tgt Ion:228 Resp: 1300485
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.9 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 41.60 ng

RT: 14.59 min Scan# 2160

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

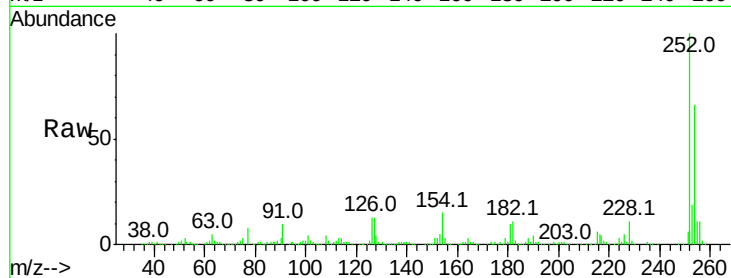
Tot Ion:252 Resp: 481102

Ion Ratio Lower Upper

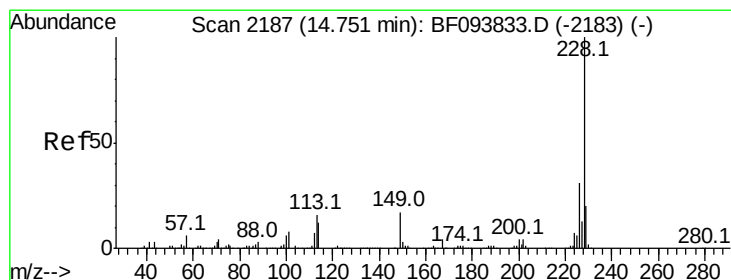
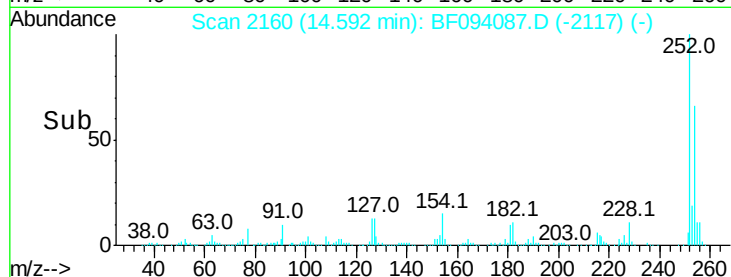
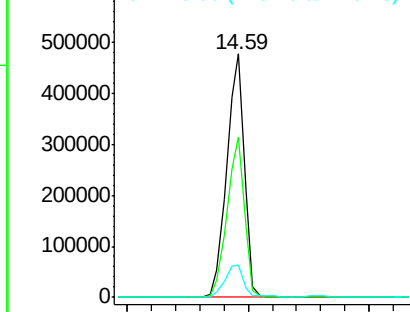
252 100

254 66.1 51.5 77.3

126 13.5 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: 38.78 ng

RT: 14.66 min Scan# 2172

Delta R.T. -0.05 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

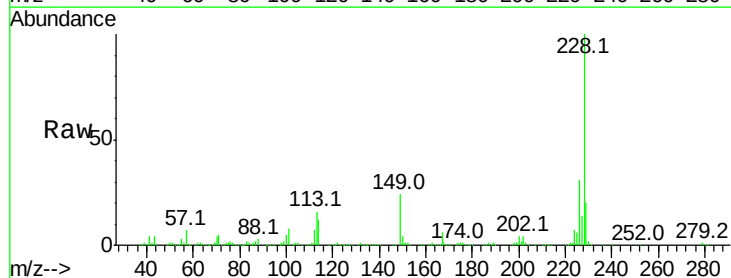
Tgt Ion:228 Resp: 1164374

Ion Ratio Lower Upper

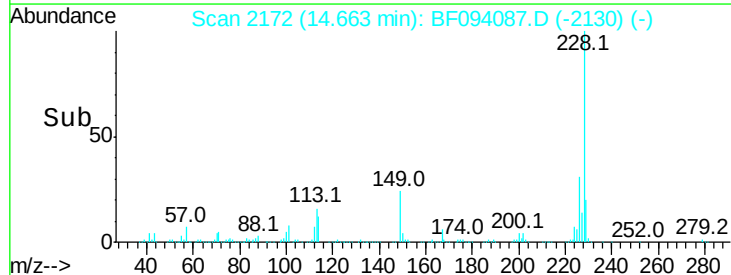
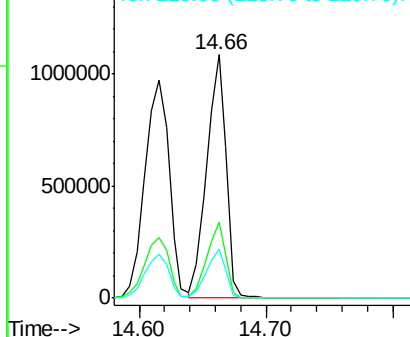
228 100

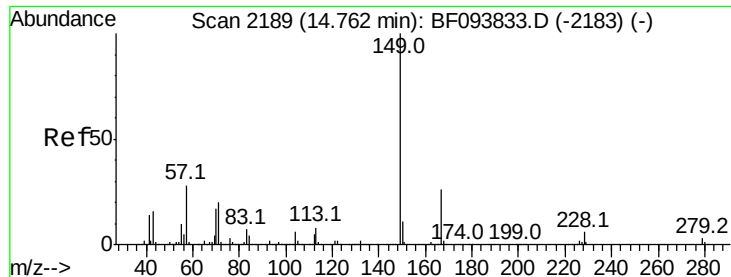
226 31.1 24.9 37.3

229 20.0 15.8 23.6



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

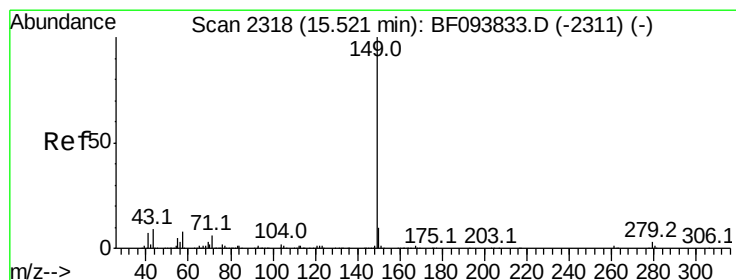
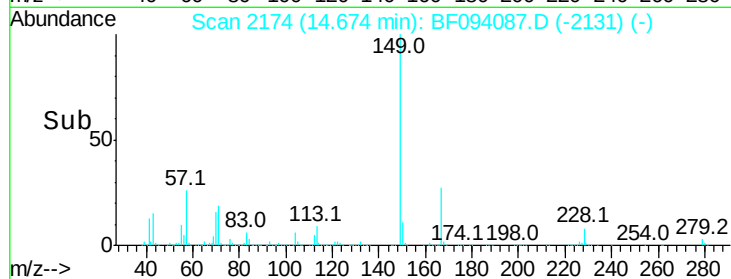
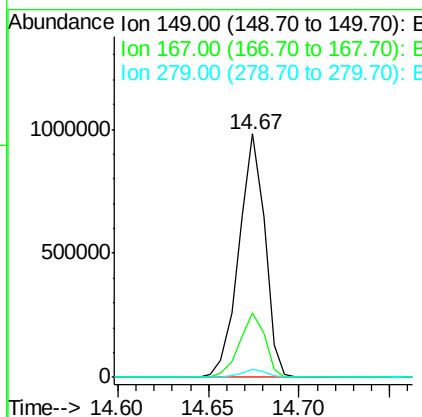
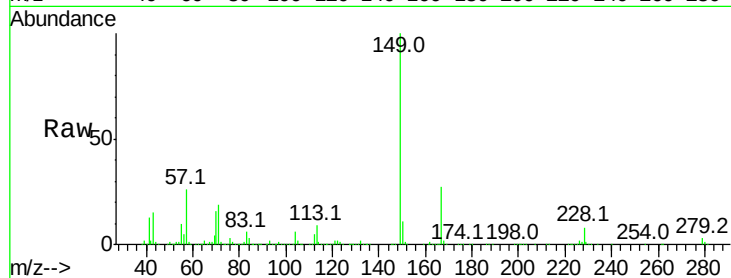




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.70 ng
 RT: 14.67 min Scan# 2174
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

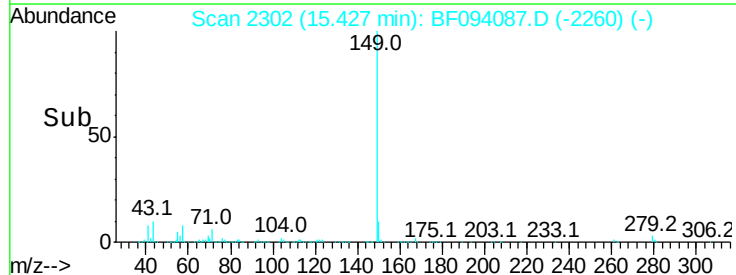
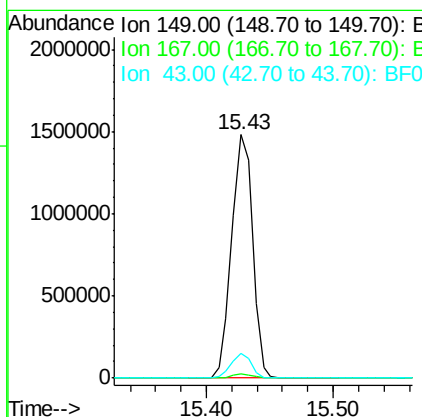
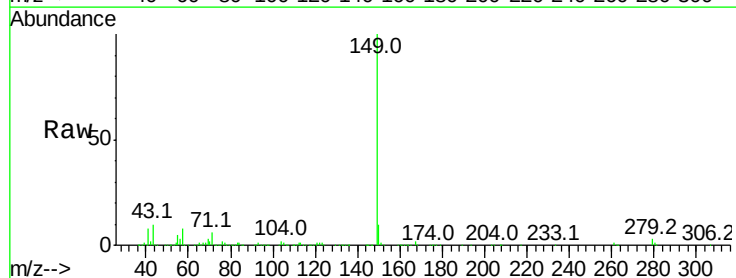
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

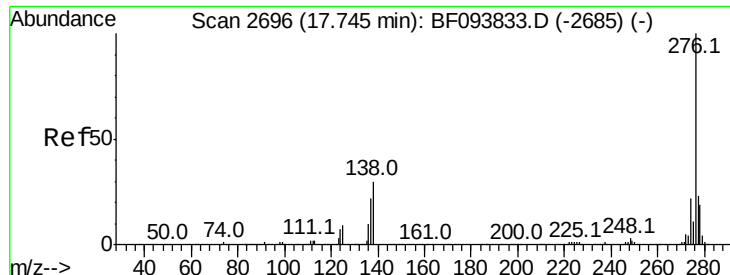
Tot Ion:149 Resp: 976251
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 42.99 ng
 RT: 15.43 min Scan# 2302
 Delta R.T. -0.05 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

Tgt Ion:149 Resp: 1681265
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.6 8.5 12.7



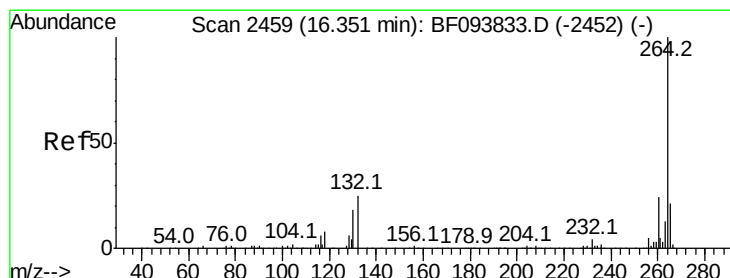
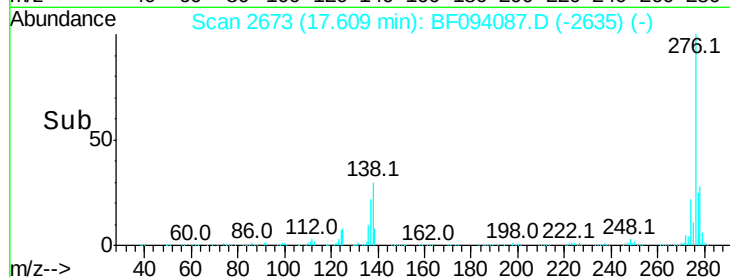
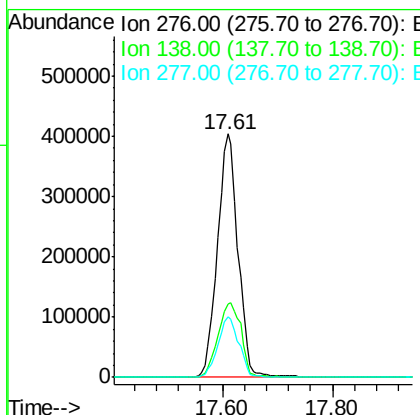
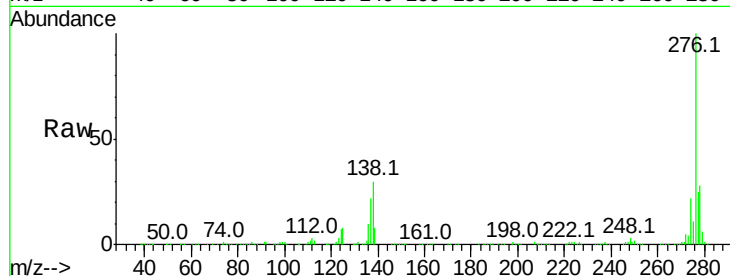


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.53 ng
 RT: 17.61 min Scan# 2673
 Delta R.T. -0.08 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1054177

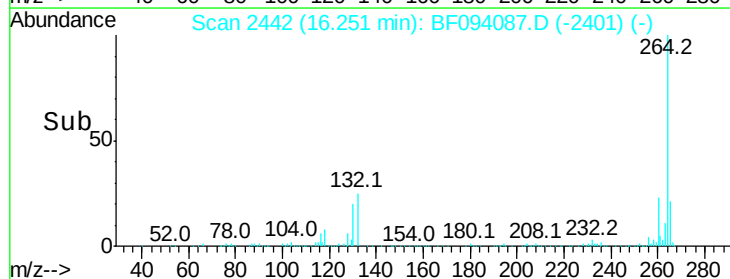
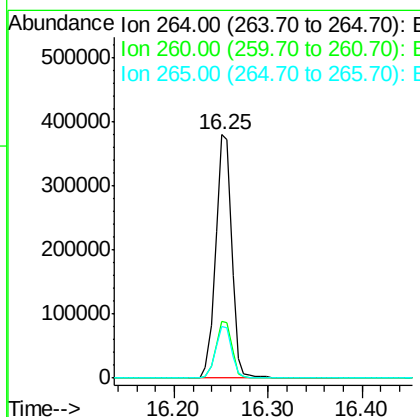
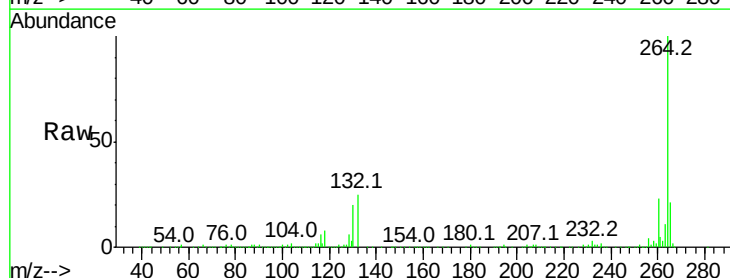
Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	25.4	20.2	30.4

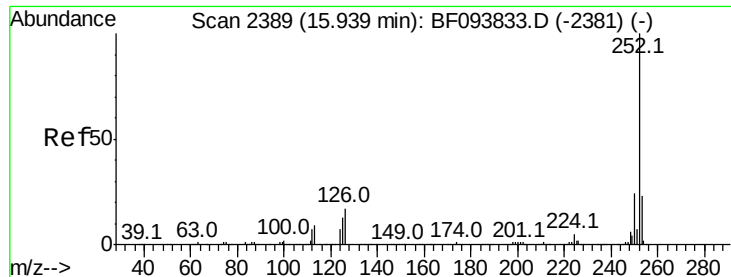


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.25 min Scan# 2442
 Delta R.T. -0.06 min
 Lab File: BF094087.D
 Acq: 31 Mar 2017 10:42

Tgt Ion:264 Resp: 458270

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.1	17.2	25.8

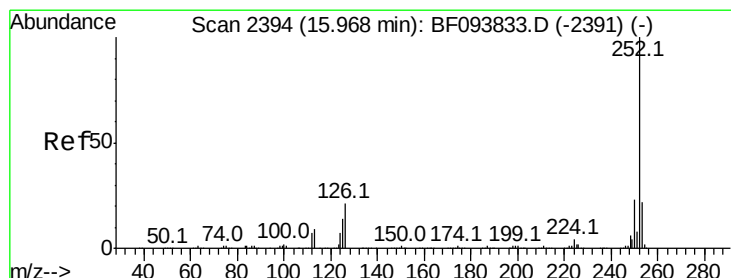
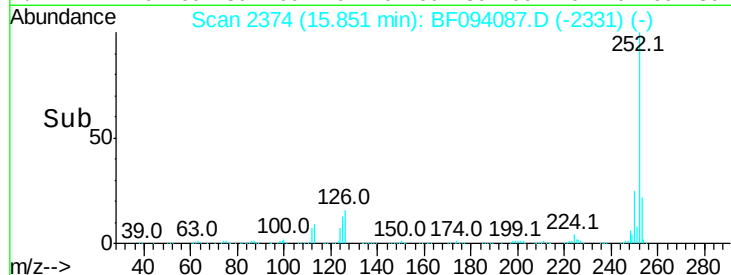
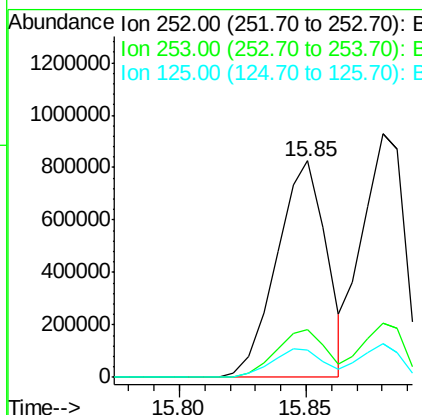
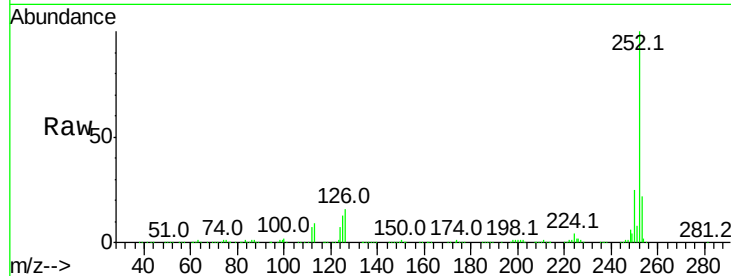




#87
Benzo(b)fluoranthene
Concen: 40.19 ng
RT: 15.85 min Scan# 2374
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

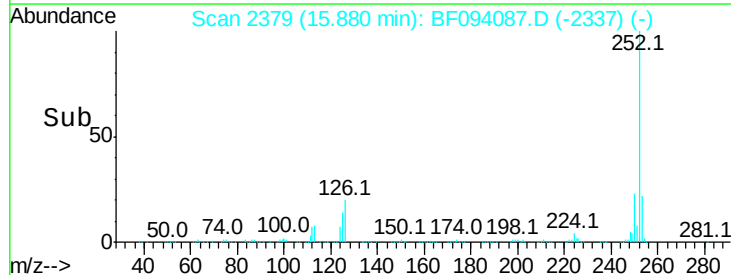
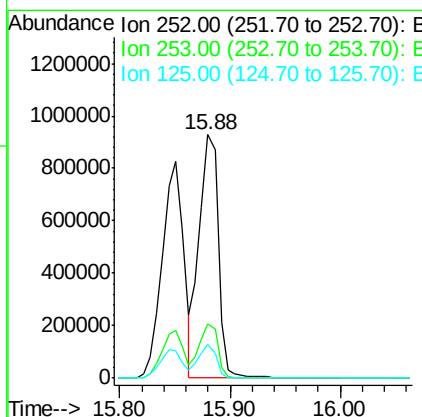
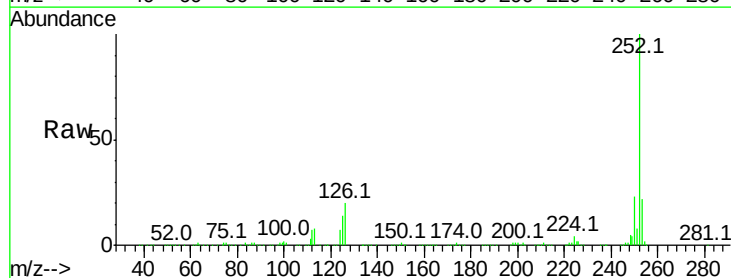
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

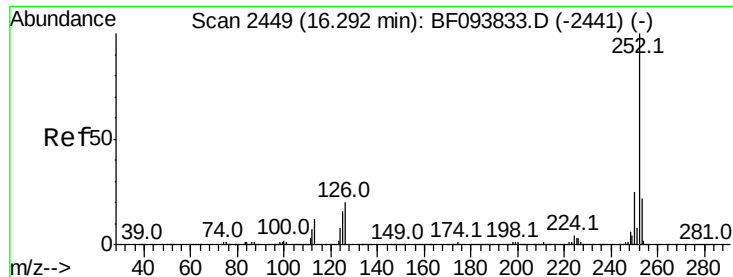
Tot Ion:252 Resp: 1128925
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 12.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 39.90 ng
RT: 15.88 min Scan# 2379
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Tgt Ion:252 Resp: 1096568
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 13.6 13.1 19.7

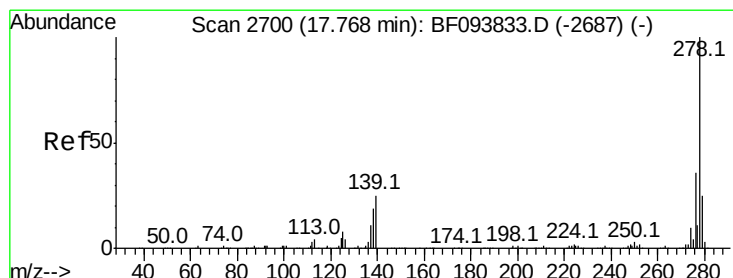
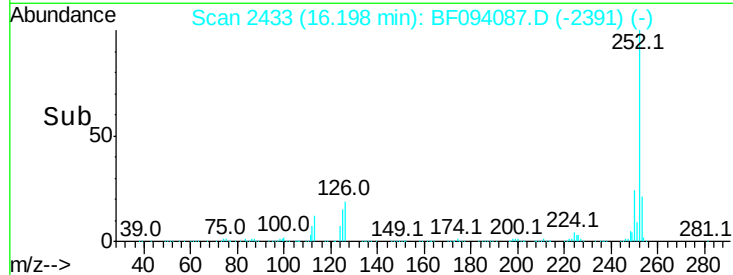
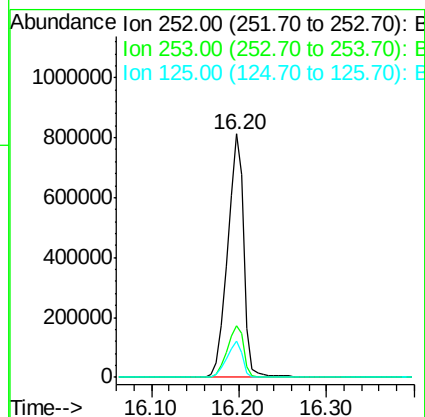
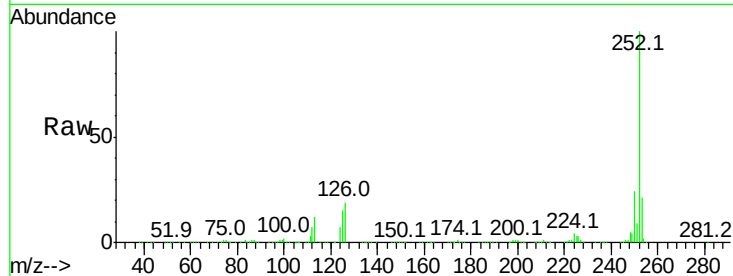




#89
Benzo(a)pyrene
Concen: 40.25 ng
RT: 16.20 min Scan# 2433
Delta R.T. -0.05 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

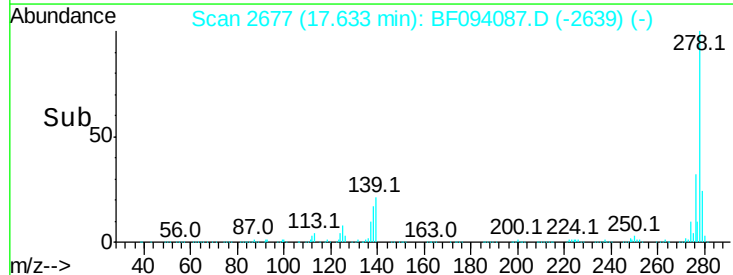
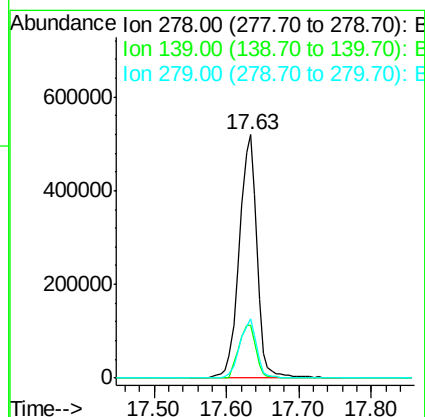
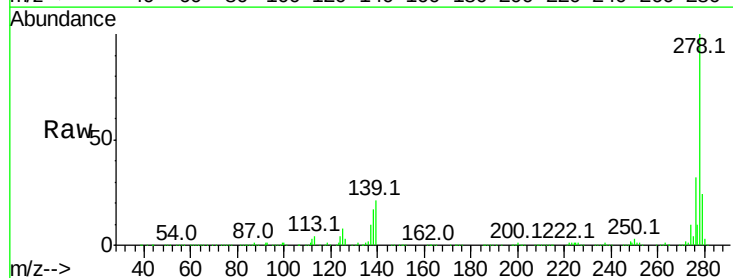
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

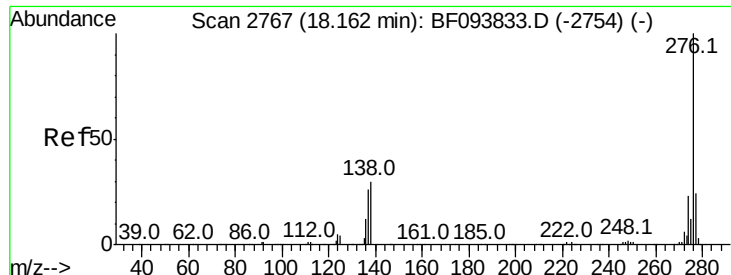
Tot Ion:252 Resp: 1041139
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 14.9 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 40.42 ng
RT: 17.63 min Scan# 2677
Delta R.T. -0.08 min
Lab File: BF094087.D
Acq: 31 Mar 2017 10:42

Tgt Ion:278 Resp: 885386
Ion Ratio Lower Upper
278 100
139 21.5 16.6 24.8
279 24.1 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 40.31 ng

RT: 18.01 min Scan# 2741

Delta R.T. -0.09 min

Lab File: BF094087.D

Acq: 31 Mar 2017 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

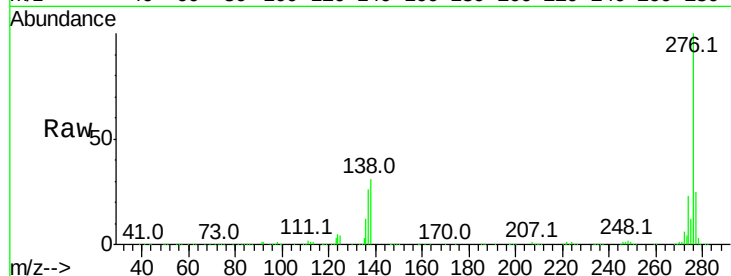
Tot Ion:276 Resp: 889994

Ion Ratio Lower Upper

276 100

277 24.7 18.6 28.0

138 31.2 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

