

Data Path : Z:\HPCHEM1\BNA F\Data\BF022017\
 Data File : BF093030.D
 Acq On : 20 Feb 2017 16:02
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 20 16:46:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	168987	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	701116	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	384107	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	629494	20.00	ng	0.00
75) Chrysene-d12	14.02	240	478110	20.00	ng	0.00
86) Perylene-d12	15.44	264	385442	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	809706	82.20	ng	-0.01
7) Phenol-d6	6.49	99	1034221	81.60	ng	0.00
23) Nitrobenzene-d5	7.42	82	1009470	80.18	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	209203	75.30	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1639381	77.32	ng	0.00
78) Terphenyl-d14	12.96	244	1504457	73.94	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	217549	40.87	ng	87
3) Pyridine	3.13	79	576194	42.57	ng	88
4) n-Nitrosodimethylamine	3.09	42	253773	39.93	ng	83
6) Aniline	6.51	93	744188	43.05	ng	# 50
8) 2-Chlorophenol	6.64	128	468096	43.08	ng	92
9) Benzaldehyde	6.40	77	331977	36.56	ng	99
10) Phenol	6.50	94	578126	38.99	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	513973	43.43	ng	98
12) 1,3-Dichlorobenzene	7.02	146	499492	39.24	ng	97
13) 1,4-Dichlorobenzene	6.86	146	529027	41.07	ng	98
14) 1,2-Dichlorobenzene	7.02	146	500081	40.60	ng	94
15) Benzyl Alcohol	7.00	79	379172	40.41	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.13	45	884225	43.00	ng	94
17) 2-Methylphenol	7.12	107	418057	44.84	ng	97
18) Hexachloroethane	7.36	117	181582	41.29	ng	# 81
19) n-Nitroso-di-n-propylamine	7.28	70	344810	42.74	ng	# 96
20) 3+4-Methylphenols	7.26	107	484458	43.46	ng	# 66
22) Acetophenone	7.26	105	592146	36.99	ng	# 91
24) Nitrobenzene	7.44	77	487598	37.72	ng	97
25) Isophorone	7.68	82	946105	40.33	ng	95
26) 2-Nitrophenol	7.76	139	250707	40.80	ng	98
27) 2,4-Dimethylphenol	7.80	122	456770	42.32	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	619998	39.90	ng	99
29) 2,4-Dichlorophenol	8.01	162	399204	39.66	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	427570	39.42	ng	100
31) Naphthalene	8.17	128	1385522	38.98	ng	98
32) Benzoic acid	7.94	122	176175	31.68	ng	87
33) 4-Chloroaniline	8.21	127	532855	38.23	ng	97
34) Hexachlorobutadiene	8.28	225	228828	38.34	ng	99
35) Caprolactam	8.59	113	129647	40.95	ng	# 35
36) 4-Chloro-3-methylphenol	8.70	107	446180	42.52	ng	93
37) 2-Methylnaphthalene	8.85	142	911190	39.93	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	412586	38.27	ng	99
40) Hexachlorocyclopentadiene	9.00	237	187067	38.45	ng	95

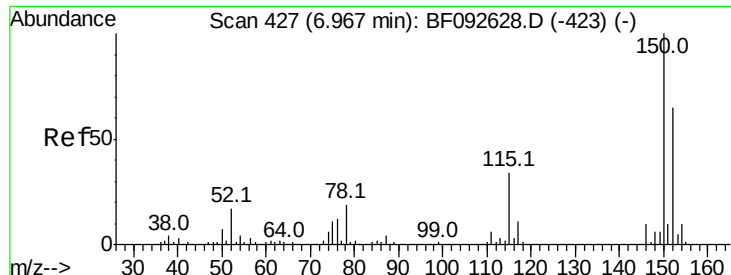
Data Path : Z:\HPCHEM1\BNA F\Data\BF022017\
 Data File : BF093030.D
 Acq On : 20 Feb 2017 16:02
 Operator : SJ/MA
 Sample : SSTDCCC040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	277288	39.14	ng	94
43) 2,4,5-Trichlorophenol	9.17	196	291138	37.50	ng	93
45) 1,1'-Biphenyl	9.32	154	1111512	39.96	ng	99
46) 2-Chloronaphthalene	9.34	162	896999	41.23	ng	99
47) 2-Nitroaniline	9.44	65	287413	39.29	ng	93
48) Acenaphthylene	9.76	152	1381068	36.74	ng	99
49) Dimethylphthalate	9.62	163	952341	36.81	ng	98
50) 2,6-Dinitrotoluene	9.69	165	252662	45.22	ng	94
51) Acenaphthene	9.93	154	770732	34.30	ng	98
52) 3-Nitroaniline	9.86	138	287672	44.99	ng	# 79
53) 2,4-Dinitrophenol	9.96	184	122788	45.38	ng	# 69
54) Dibenzofuran	10.10	168	1097606	36.52	ng	95
55) 4-Nitrophenol	10.02	139	165145	35.86	ng	93
56) 2,4-Dinitrotoluene	10.09	165	267482	35.96	ng	96
57) Fluorene	10.44	166	904443	39.11	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	211962	40.93	ng	95
59) Diethylphthalate	10.32	149	918176	37.66	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	381680	34.36	ng	95
61) 4-Nitroaniline	10.46	138	262867	40.14	ng	93
62) Azobenzene	10.59	77	970839	38.54	ng	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	170662	44.73	ng	# 66
65) n-Nitrosodiphenylamine	10.56	169	836053	41.58	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	252003	38.32	ng	95
67) Hexachlorobenzene	10.99	284	257733	39.66	ng	96
68) Atrazine	11.08	200	245646	38.07	ng	99
69) Pentachlorophenol	11.19	266	140879	45.41	ng	97
70) Phenanthrene	11.40	178	1353181	37.52	ng	99
71) Anthracene	11.46	178	1459676	40.30	ng	97
72) Carbazole	11.61	167	1239967	35.82	ng	99
73) Di-n-butylphthalate	11.94	149	1593833	42.57	ng	# 97
74) Fluoranthene	12.59	202	1504336	40.44	ng	93
76) Benzidine	12.71	184	656635	32.23	ng	99
77) Pyrene	12.82	202	1510149	42.21	ng	99
79) Butylbenzylphthalate	13.43	149	649380	44.69	ng	97
80) Benzo(a)anthracene	14.00	228	1158156	39.61	ng	100
81) 3,3'-Dichlorobenzidine	13.96	252	413358	39.66	ng	99
82) Chrysene	14.04	228	1176461	42.97	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	813595	40.94	ng	99
84) Di-n-octyl phthalate	14.60	149	1421998	43.95	ng	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	787009	37.11	ng	# 94
87) Benzo(b)fluoranthene	15.06	252	1951327	76.92	ng	99
88) Benzo(k)fluoranthene	15.06	252	1952726	89.15	ng	97
89) Benzo(a)pyrene	15.38	252	888988	40.51	ng	97
90) Dibenzo(a,h)anthracene	16.85	278	665691	37.53	ng	# 96
91) Benzo(g,h,i)perylene	17.27	276	679002	37.90	ng	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

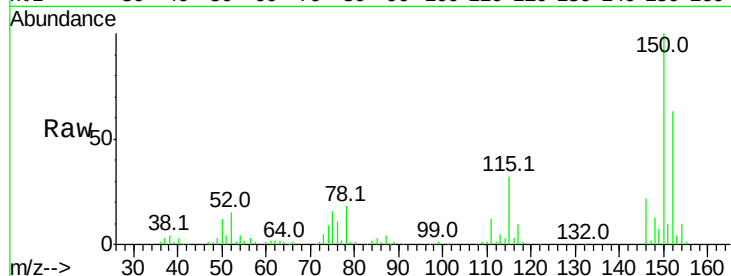
Tot Ion:152 Resp: 168987

Ion Ratio Lower Upper

152 100

150 158.2 124.9 187.3

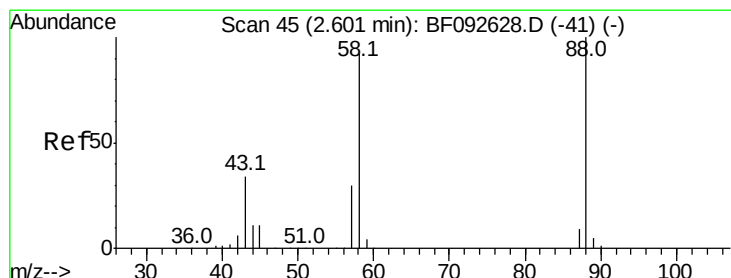
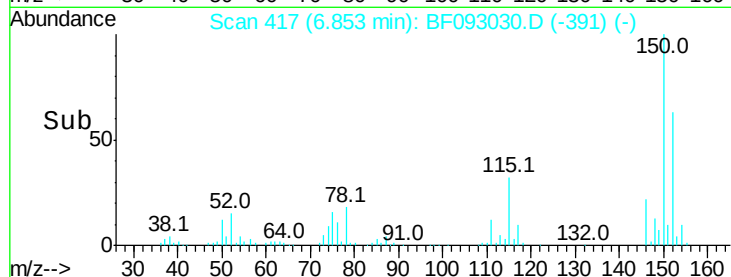
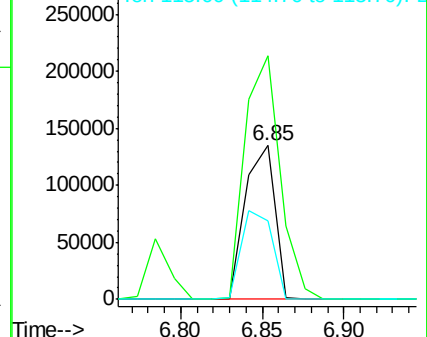
115 51.2 46.0 69.0



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: 40.87 ng

RT: 2.41 min Scan# 28

Delta R.T. -0.02 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

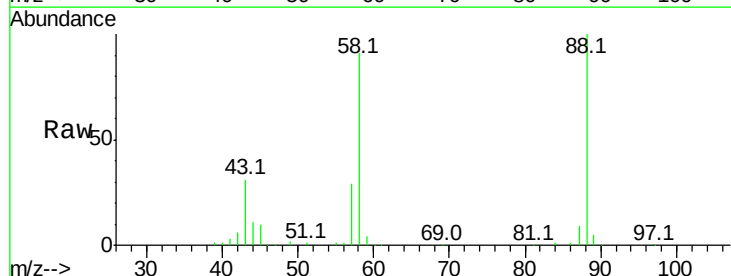
Tgt Ion: 88 Resp: 217549

Ion Ratio Lower Upper

88 100

58 86.0 57.8 86.8

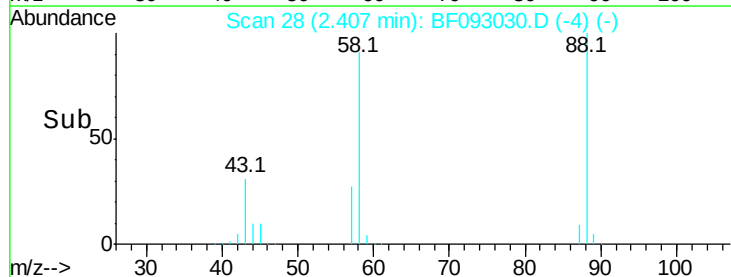
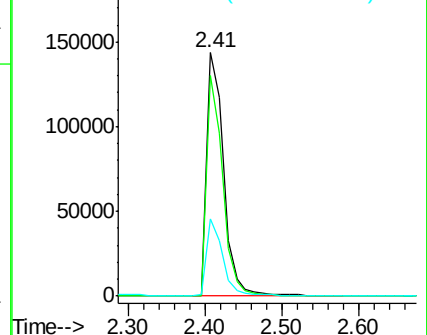
43 29.8 22.3 33.5

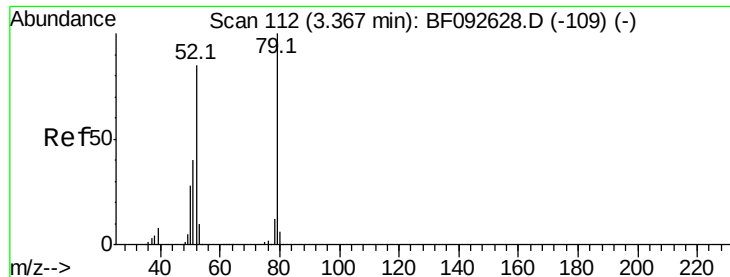


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.57 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.02 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

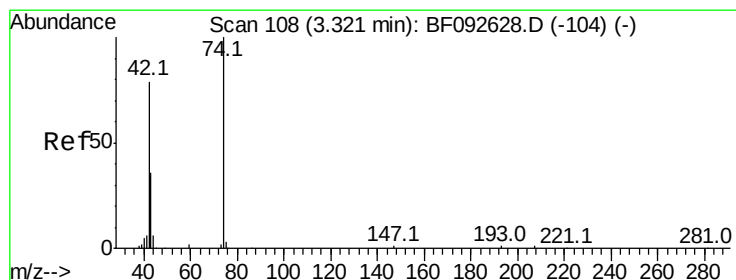
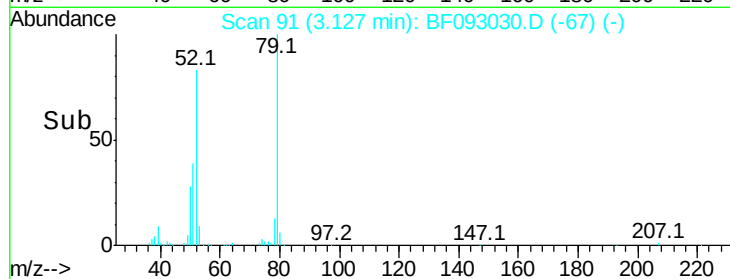
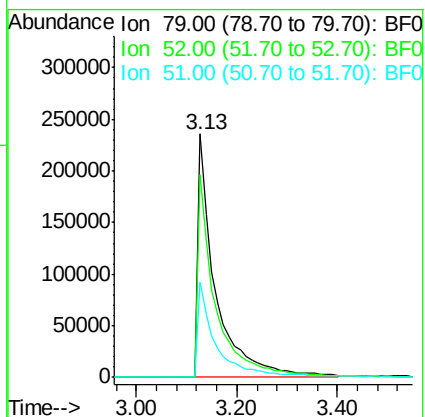
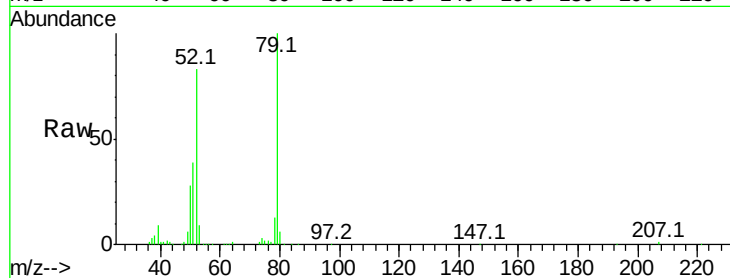
Tot Ion: 79 Resp: 576194

Ion Ratio Lower Upper

79 100

52 83.0 57.1 85.7

51 39.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 39.93 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

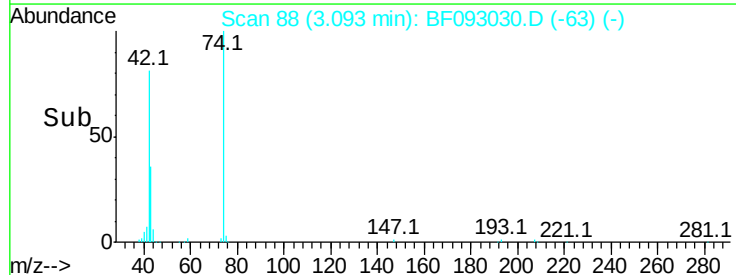
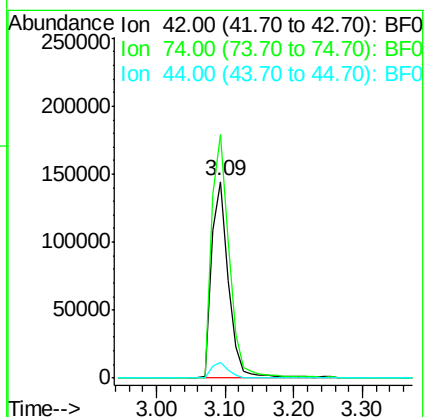
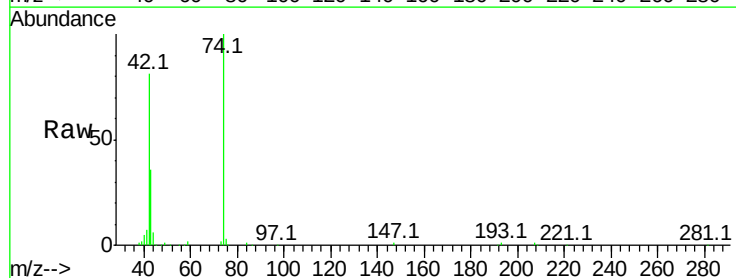
Tgt Ion: 42 Resp: 253773

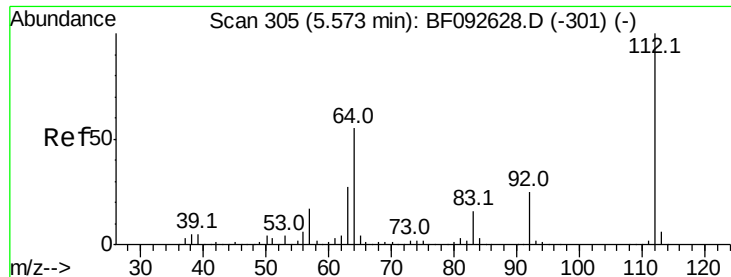
Ion Ratio Lower Upper

42 100

74 123.8 117.0 175.4

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 82.20 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

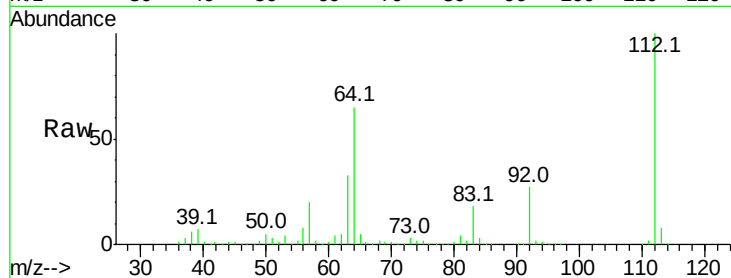
Tot Ion:112 Resp: 809706

Ion Ratio Lower Upper

112 100

64 64.5 46.1 69.1

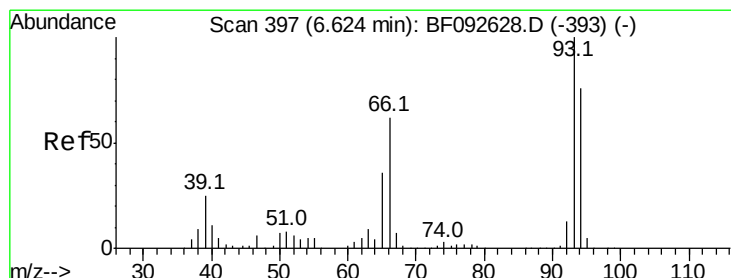
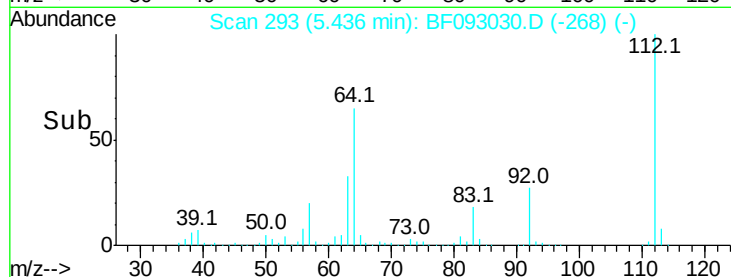
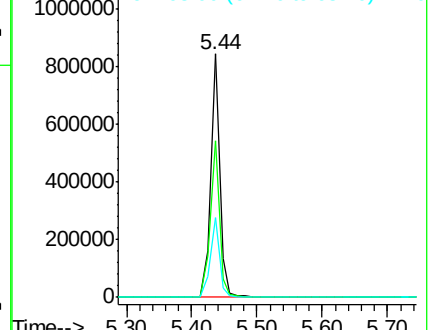
63 32.6 23.8 35.6



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: 43.05 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

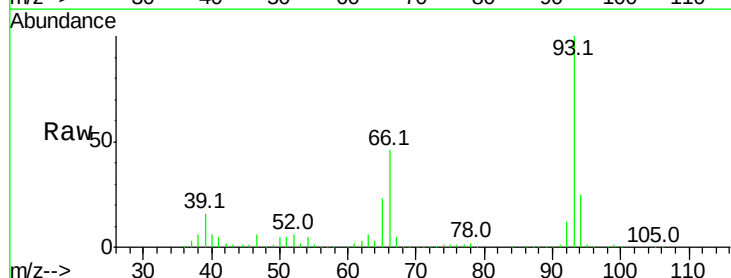
Tgt Ion: 93 Resp: 744188

Ion Ratio Lower Upper

93 100

66 45.8 76.2 114.2#

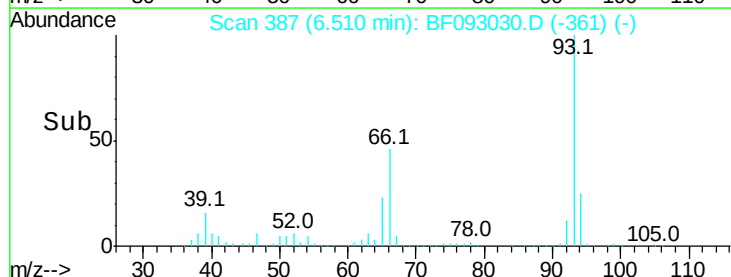
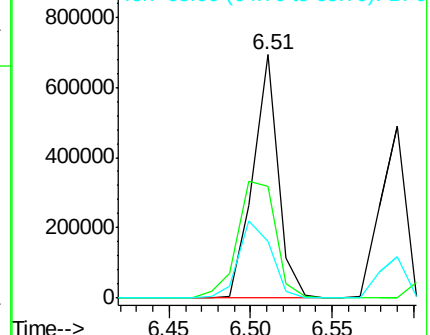
65 23.4 49.3 73.9#

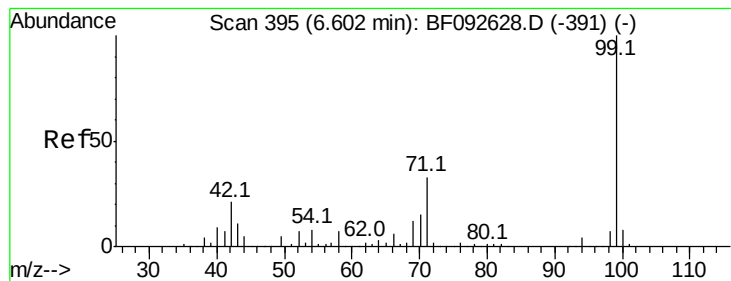


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.60 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

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ClientSampleId :

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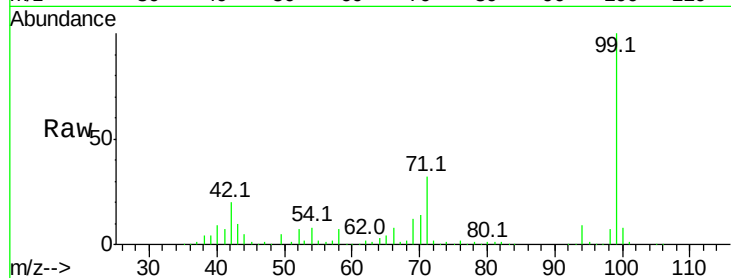
Tot Ion: 99 Resp: 1034221

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

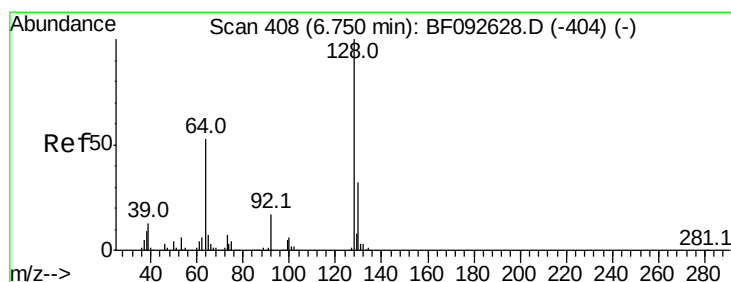
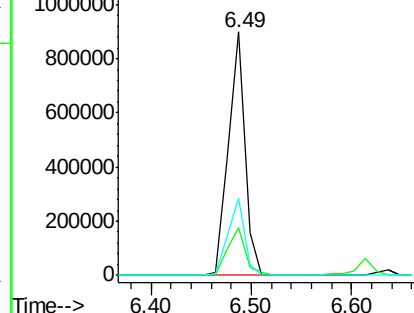
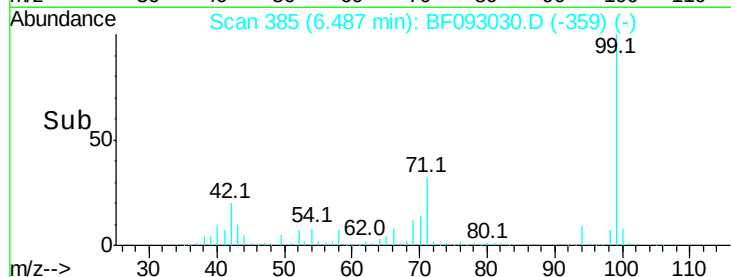
71 31.8 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.08 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

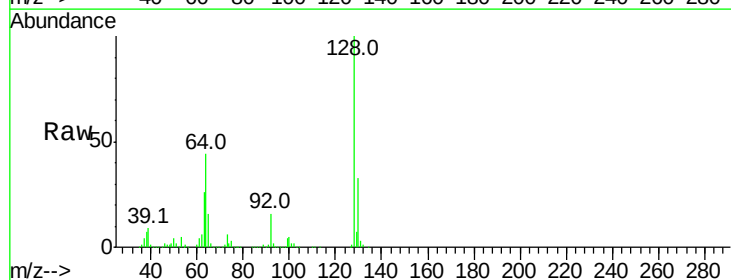
Tgt Ion: 128 Resp: 468096

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

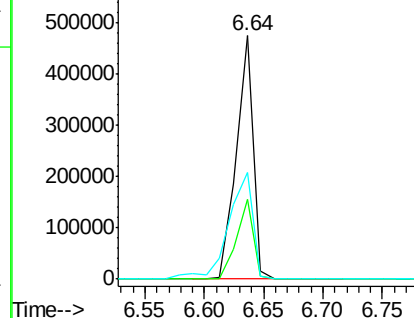
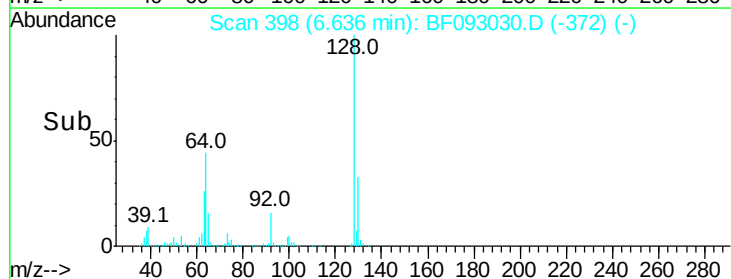
64 43.9 32.2 72.2

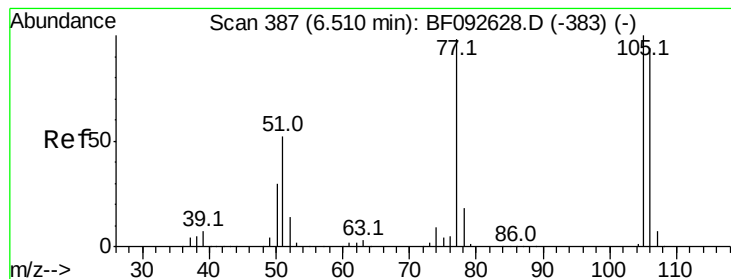


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.56 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

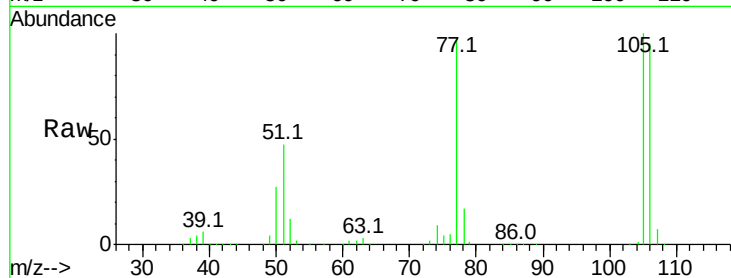
Tot Ion: 77 Resp: 331977

Ion Ratio Lower Upper

77 100

105 103.3 83.9 123.9

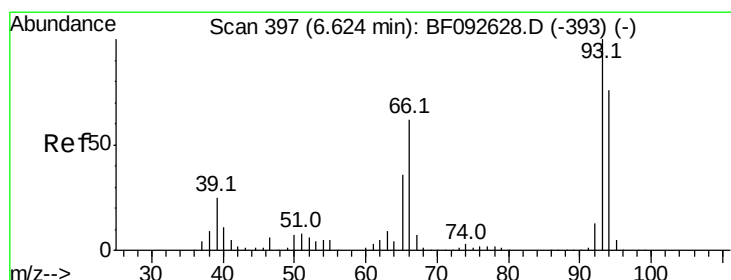
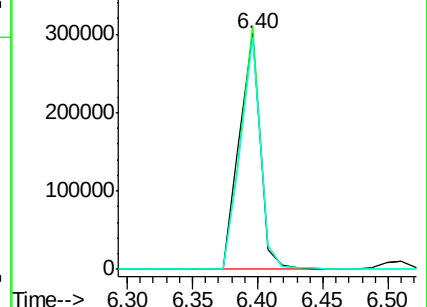
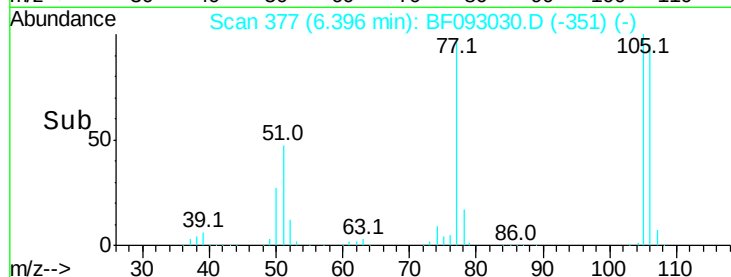
106 98.2 77.6 117.6



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: 38.99 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

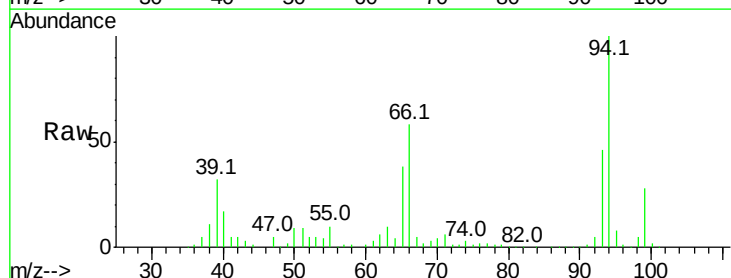
Tgt Ion: 94 Resp: 578126

Ion Ratio Lower Upper

94 100

65 38.3 21.4 61.4

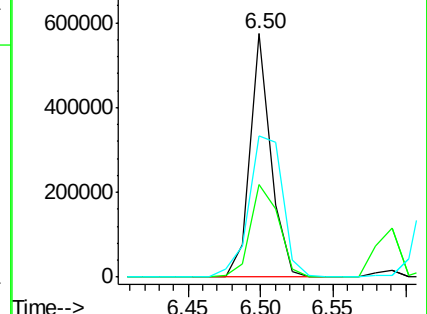
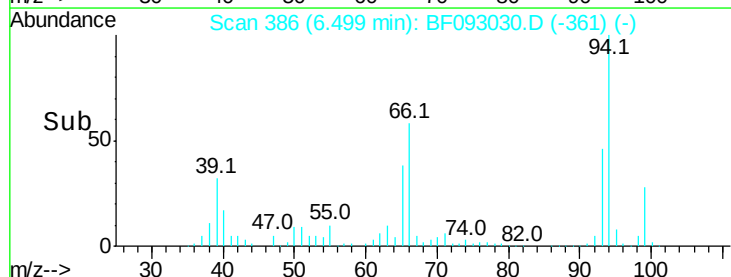
66 57.8 44.0 84.0

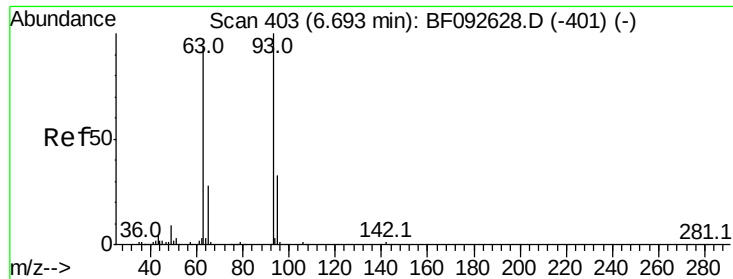


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

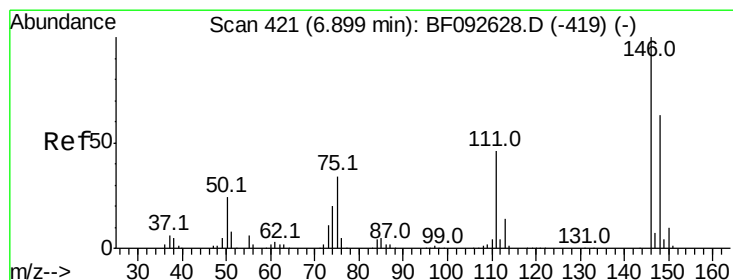
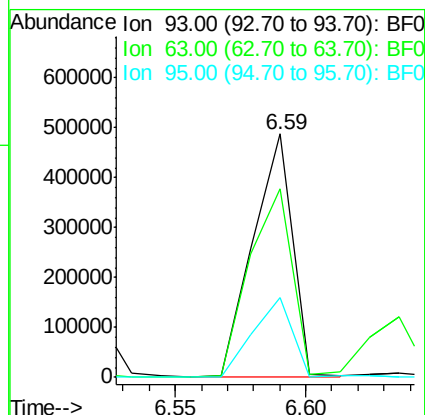
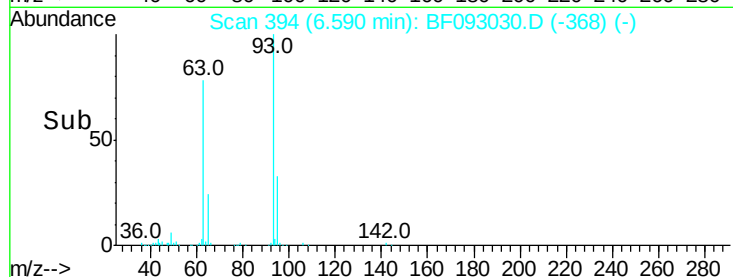
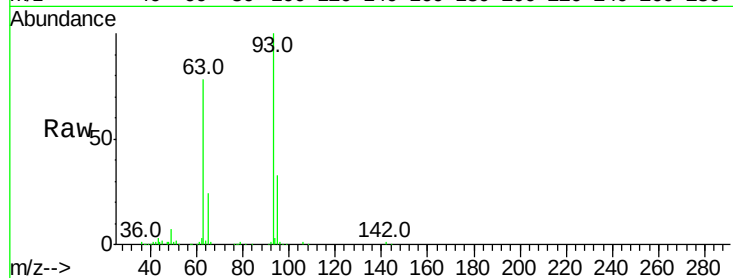




#11
bis(2-Chloroethyl)ether
Concen: 43.43 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

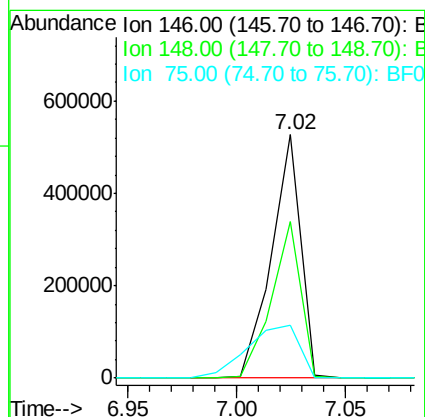
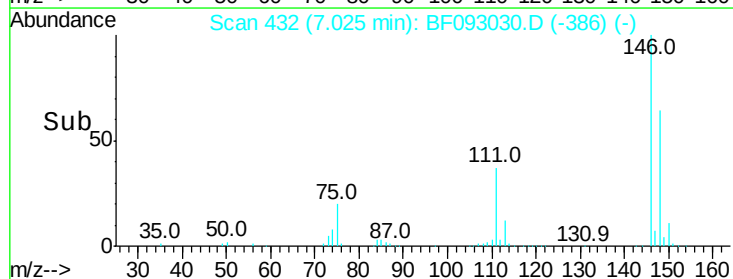
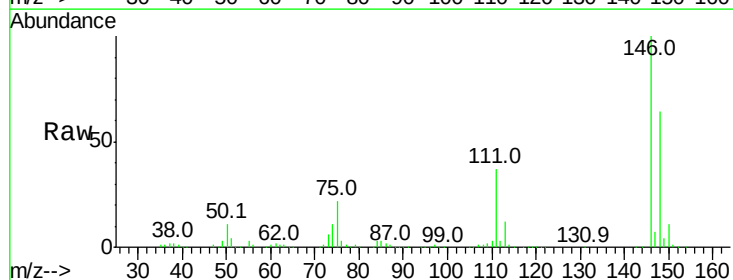
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

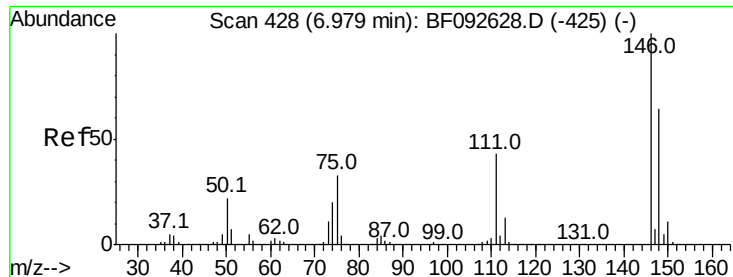
Tot Ion: 93 Resp: 513973
Ion Ratio Lower Upper
93 100
63 77.6 60.4 100.4
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.24 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.23 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion: 146 Resp: 499492
Ion Ratio Lower Upper
146 100
148 64.4 53.4 80.0
75 21.7 18.5 27.7

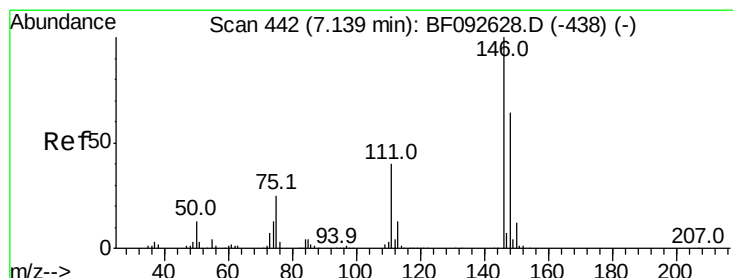
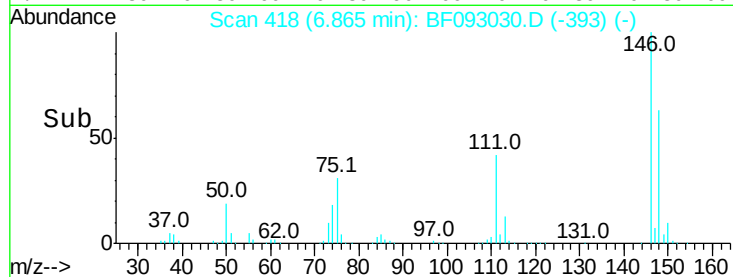
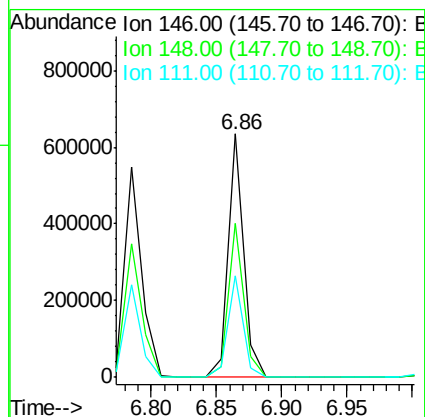
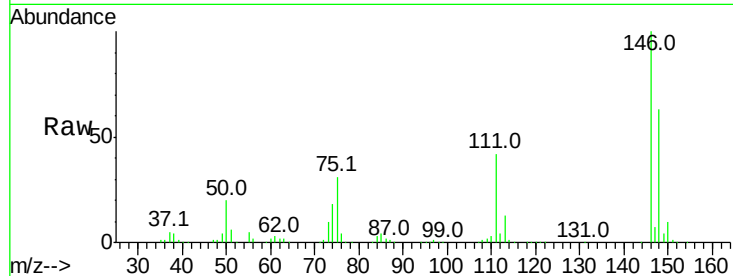




#13
 1,4-Dichlorobenzene
 Concen: 41.07 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

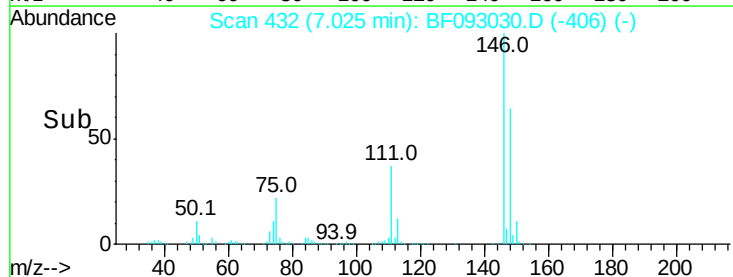
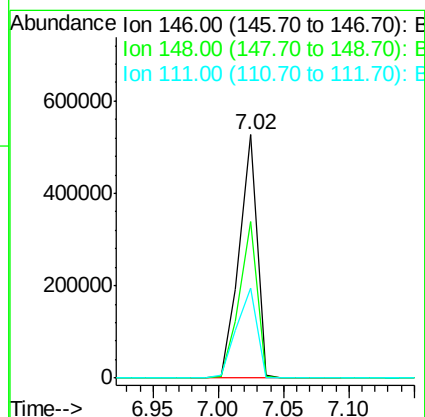
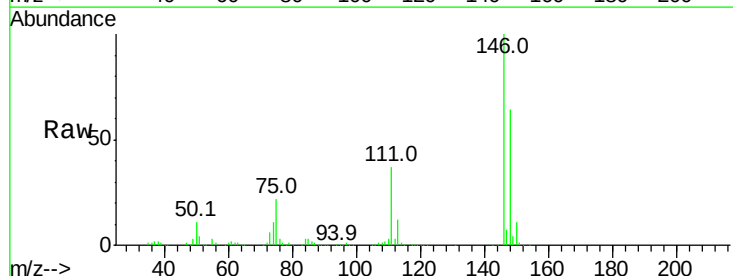
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

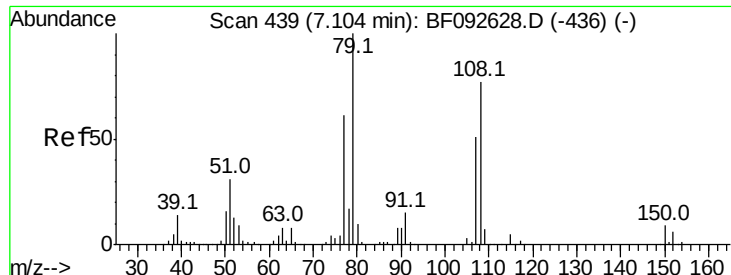
Tot Ion:146 Resp: 529027
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 76.0
 111 41.5 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 40.60 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion:146 Resp: 500081
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.2
 111 36.8 36.2 54.2

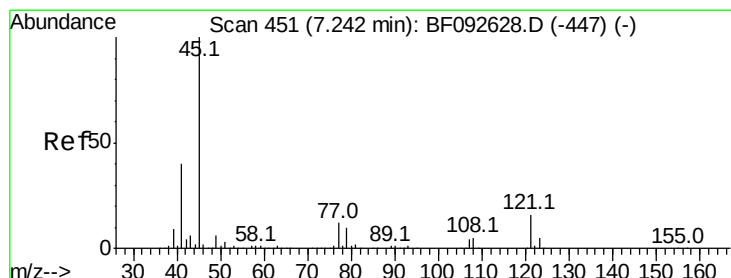
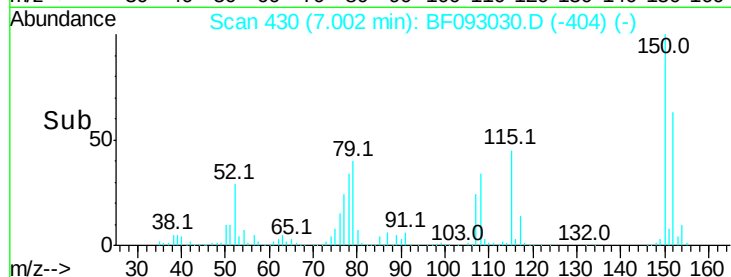
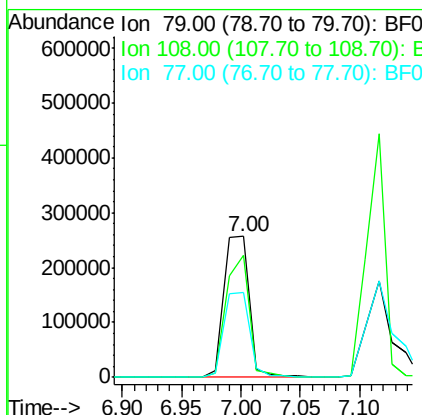
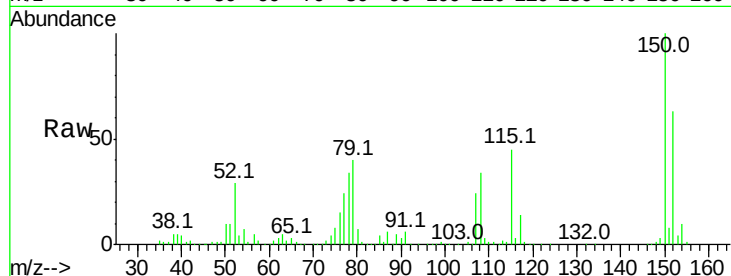




#15
Benzyl Alcohol
Concen: 40.41 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

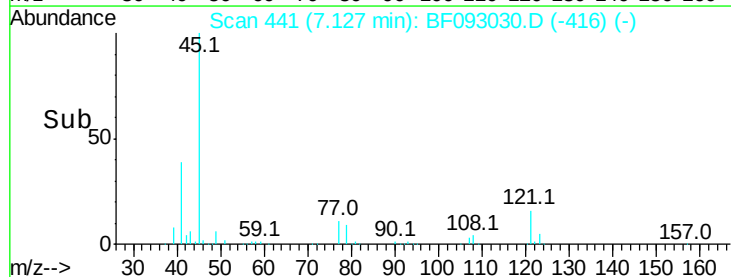
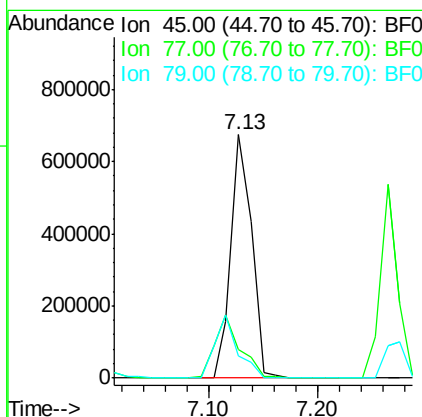
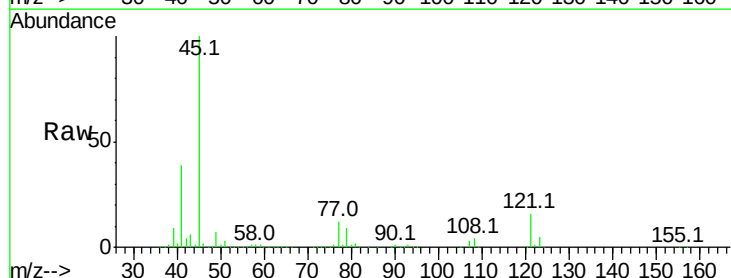
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

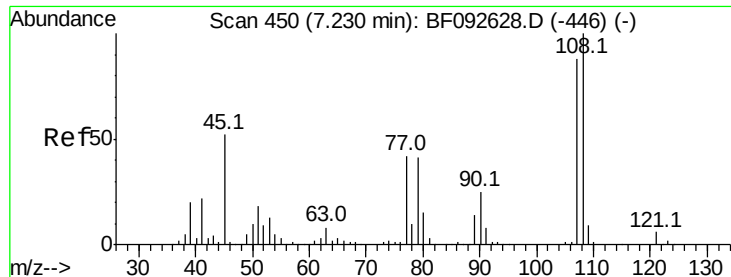
Tot Ion: 79 Resp: 379172
Ion Ratio Lower Upper
79 100
108 86.1 61.4 92.0
77 60.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.00 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion: 45 Resp: 884225
Ion Ratio Lower Upper
45 100
77 12.0 0.0 34.6
79 9.3 0.0 31.2

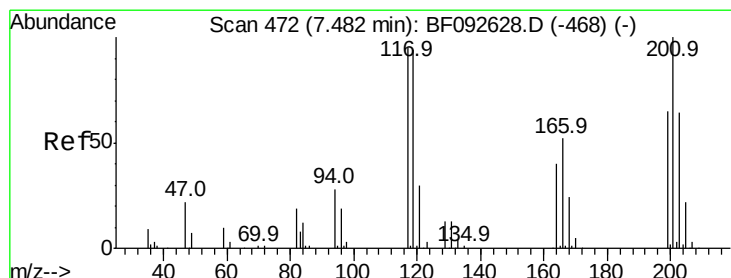
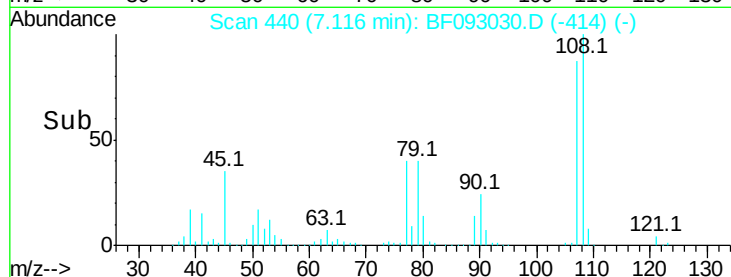
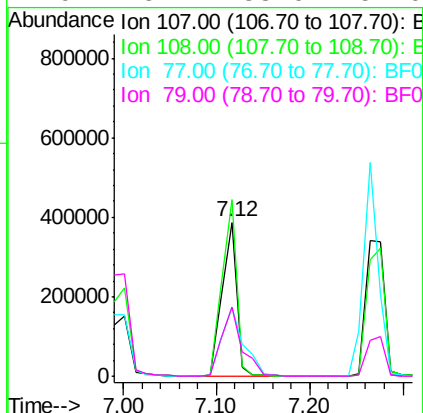
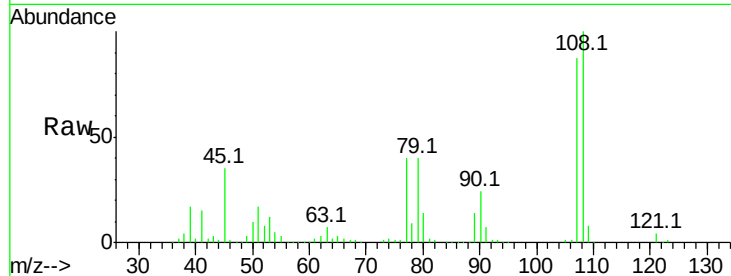




#17
 2-Methylphenol
 Concen: 44.84 ng
 RT: 7.12 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

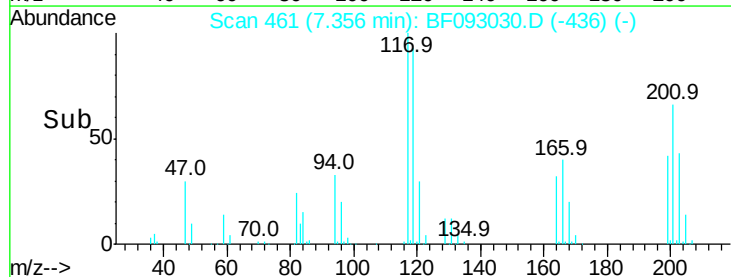
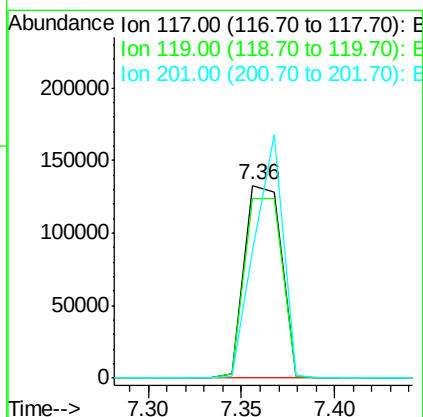
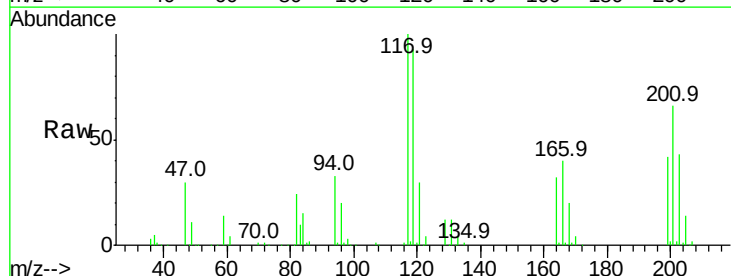
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

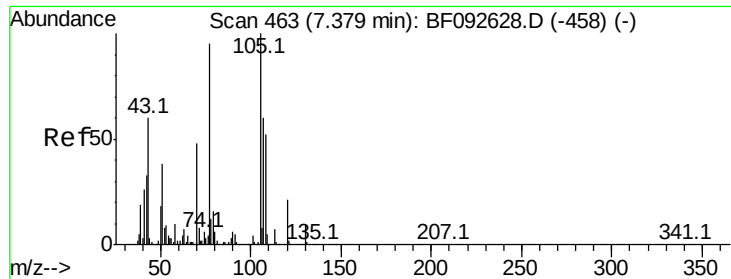
Tot Ion:	107	Resp:	418057
Ion	Ratio	Lower	Upper
107	100		
108	114.8	93.0	139.6
77	45.4	39.8	59.8
79	45.4	38.0	57.0



#18
 Hexachloroethane
 Concen: 41.29 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion:	117	Resp:	181582
Ion	Ratio	Lower	Upper
117	100		
119	92.9	78.1	117.1
201	66.1	78.6	117.8#

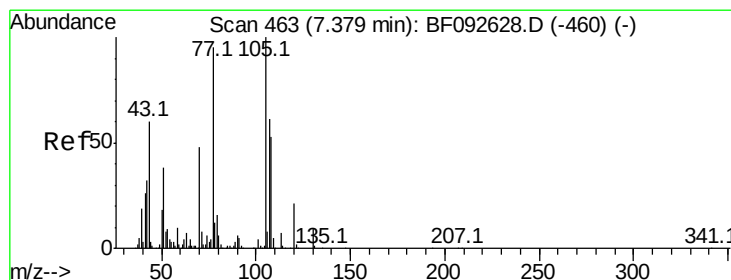
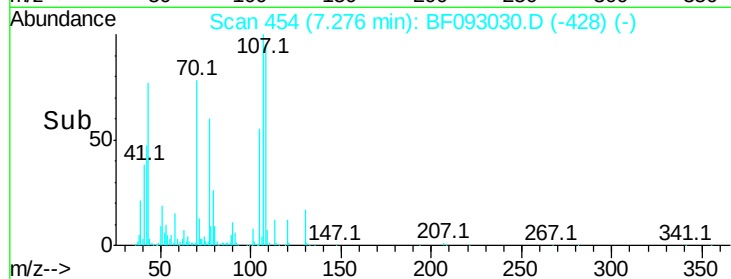
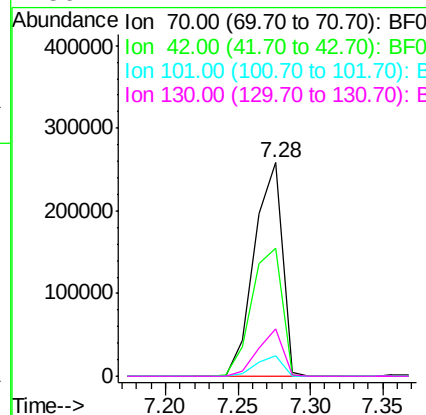
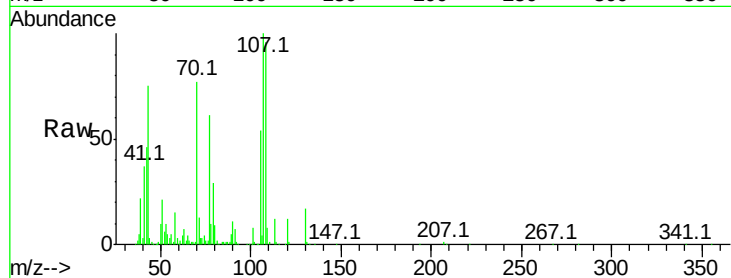




#19
n-Nitroso-di-n-propylamine
Concen: 42.74 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

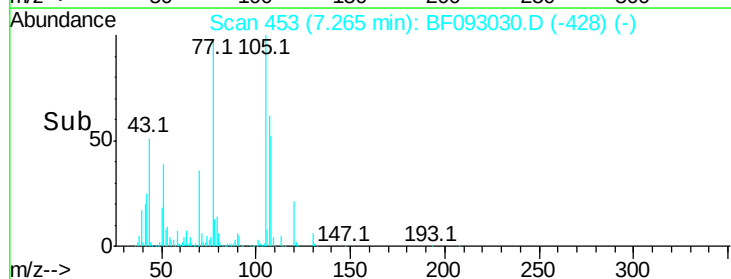
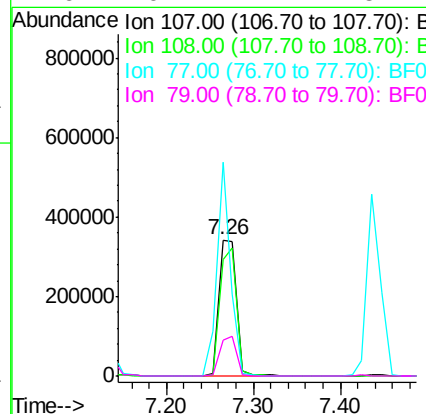
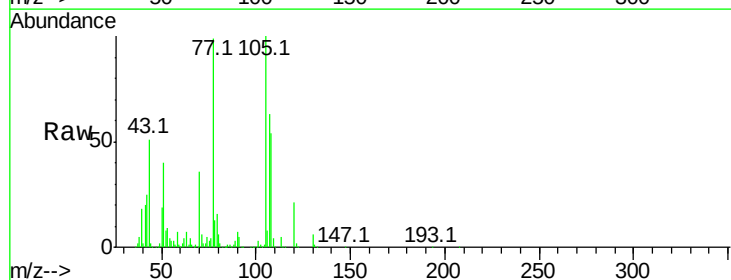
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

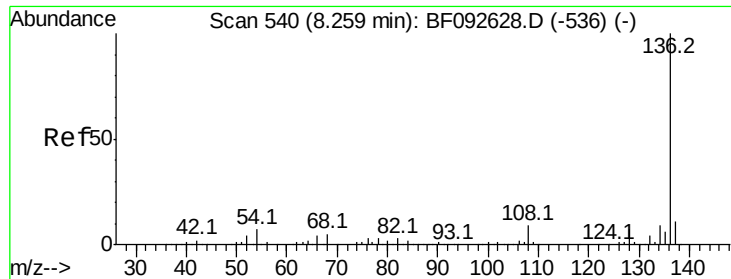
Tot Ion	Ratio	Lower	Upper
70	100		
42	60.1	49.4	74.0
101	9.8	7.4	11.2
130	22.4	14.2	21.4



#20
3+4-Methylphenols
Concen: 43.46 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	73.0	113.0
77	157.3	71.3	111.3
79	26.2	11.1	51.1

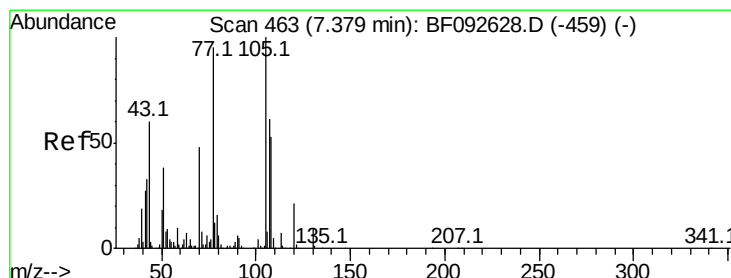
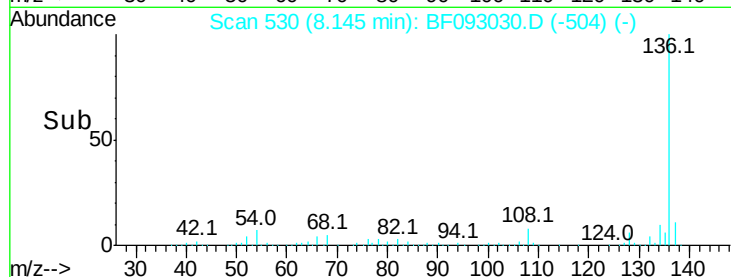
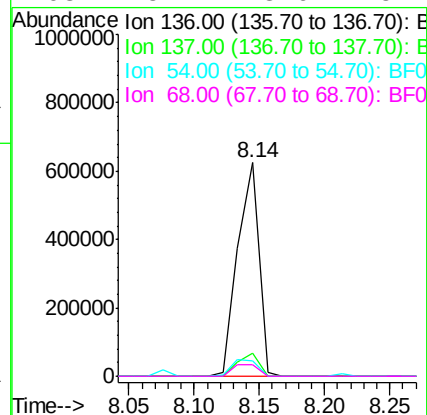
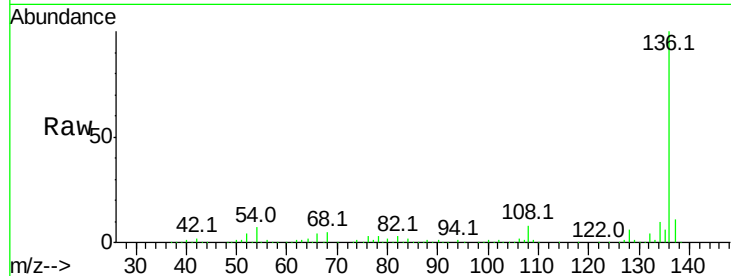




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

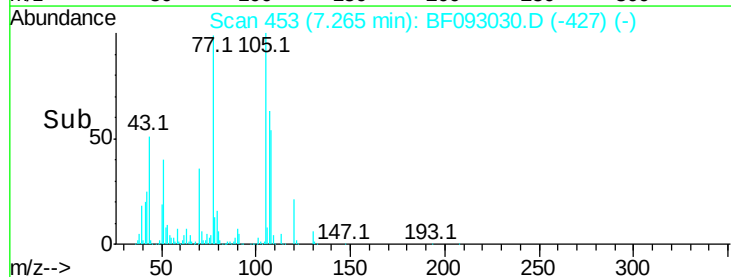
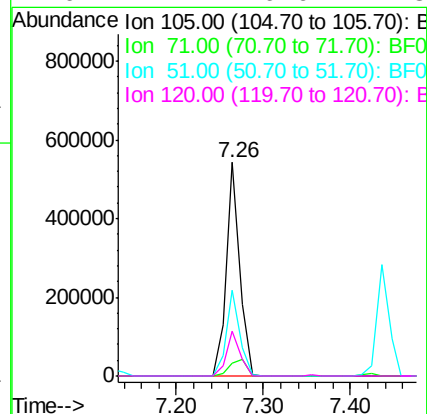
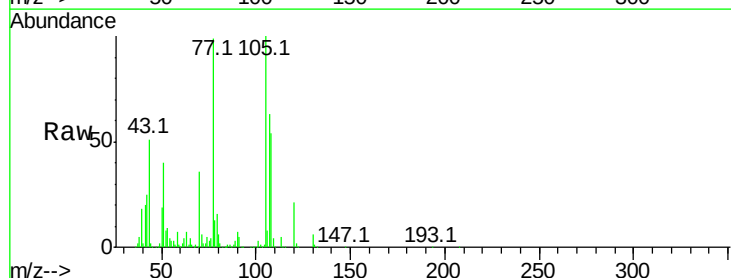
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

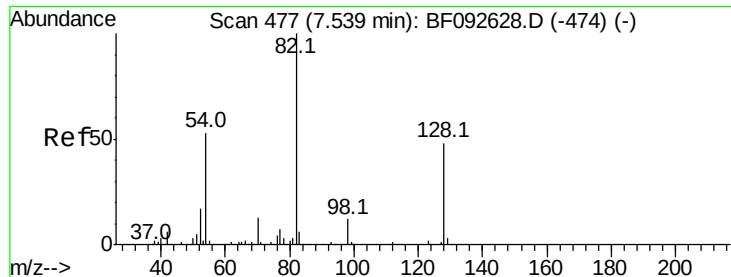
Tot Ion:136	Resp:	701116
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.4 12.6
54	7.1	4.5 6.7#
68	5.1	3.6 5.4



#22
Acetophenone
Concen: 36.99 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion:105	Resp:	592146
Ion Ratio	Lower	Upper
105	100	
71	6.3	3.2 4.8#
51	40.5	26.2 39.4#
120	21.2	16.6 24.8

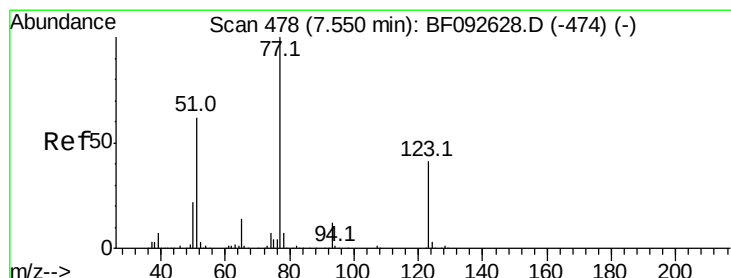
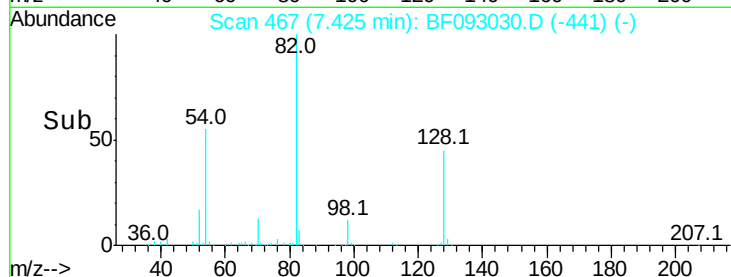
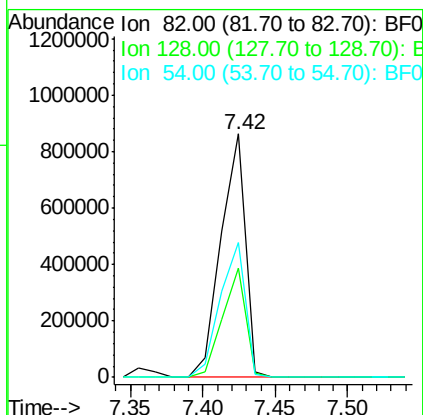
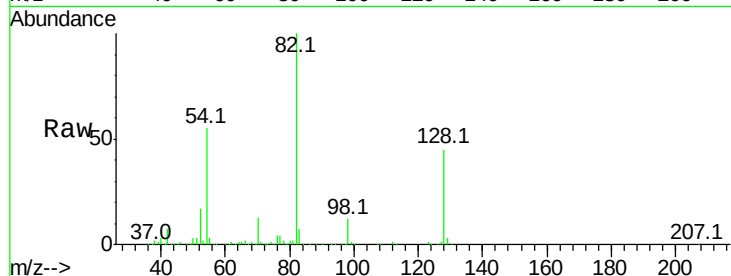




#23
 Nitrobenzene-d5
 Concen: 80.18 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

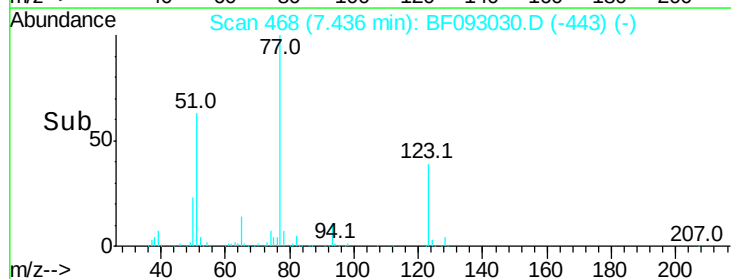
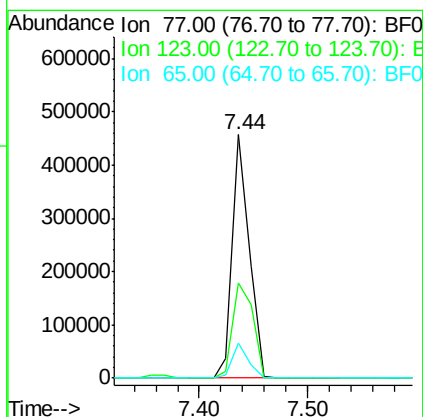
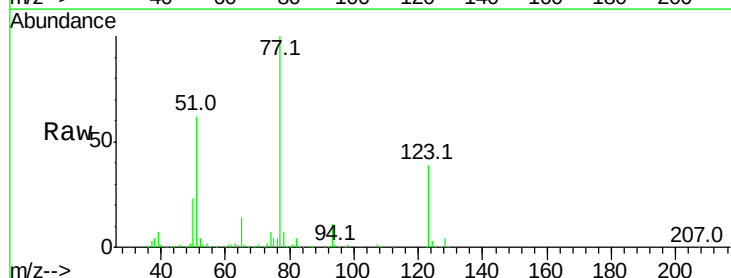
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

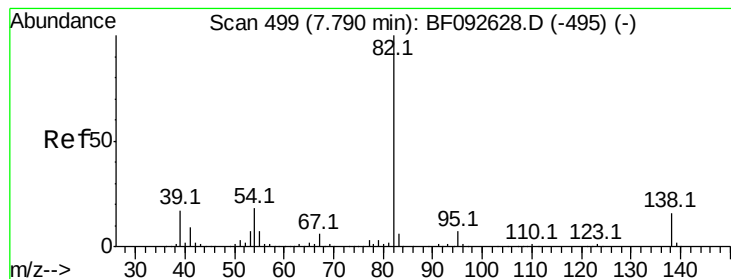
Tot Ion: 82 Resp: 1009470
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.6 52.0
 54 55.5 39.5 59.3



#24
 Nitrobenzene
 Concen: 37.72 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion: 77 Resp: 487598
 Ion Ratio Lower Upper
 77 100
 123 39.2 33.0 49.4
 65 14.3 11.2 16.8





#25

Isophorone

Concen: 40.33 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

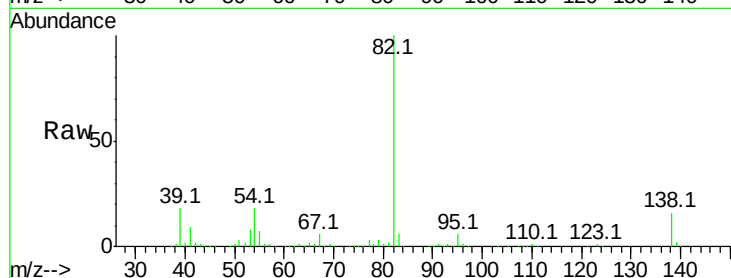
Tot Ion: 82 Resp: 946105

Ion Ratio Lower Upper

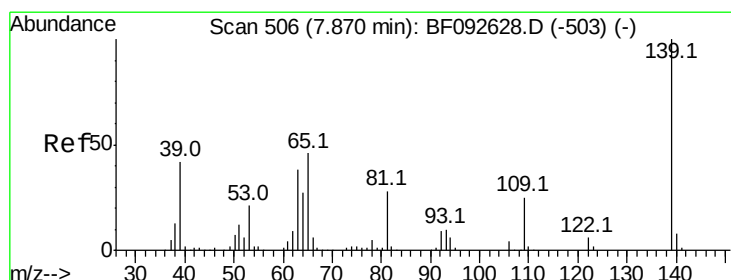
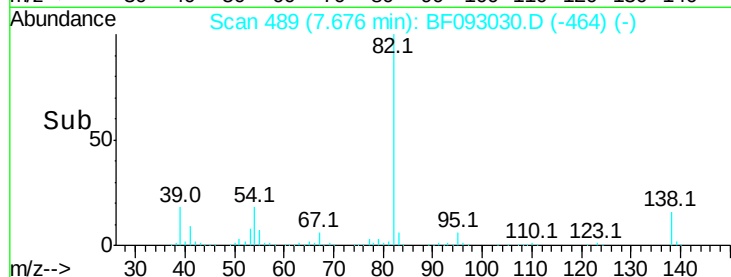
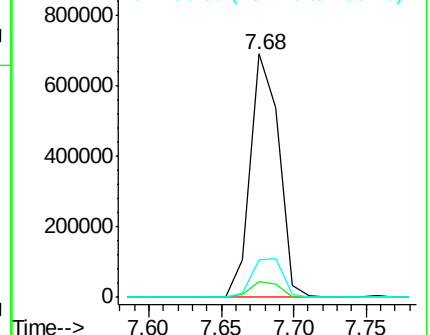
82 100

95 6.5 5.6 8.4

138 15.6 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.80 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

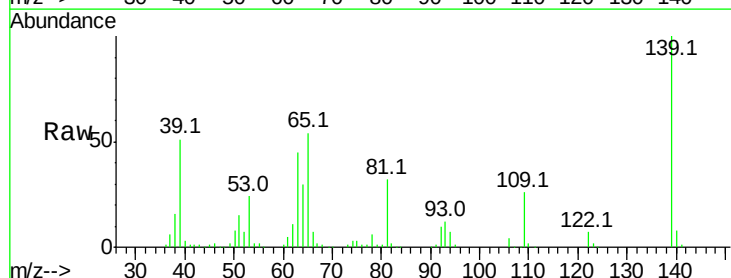
Tgt Ion: 139 Resp: 250707

Ion Ratio Lower Upper

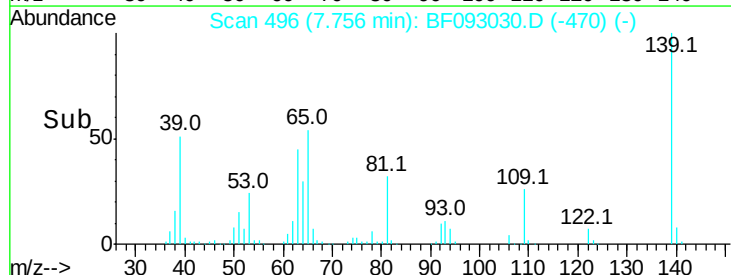
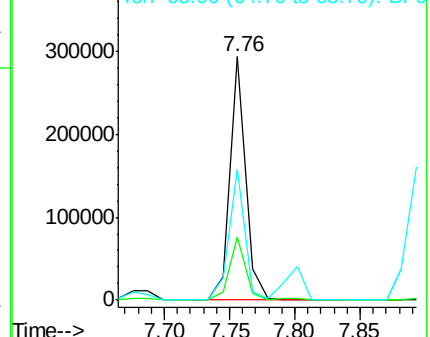
139 100

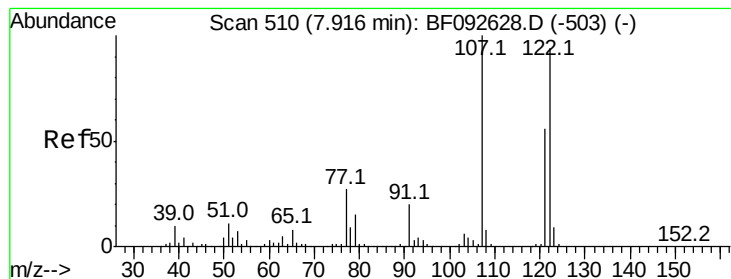
109 26.0 23.3 34.9

65 53.8 42.7 64.1



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





#27

2,4-Dimethylphenol

Concen: 42.32 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

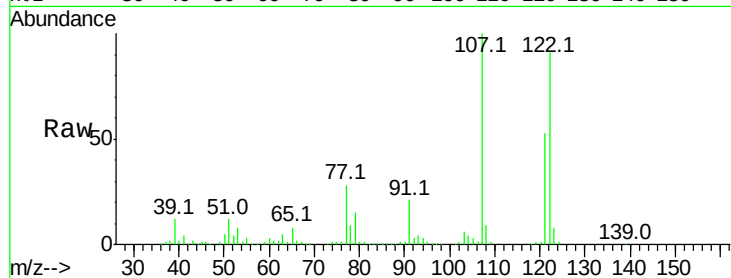
Tot Ion:122 Resp: 456770

Ion Ratio Lower Upper

122 100

107 110.2 94.1 141.1

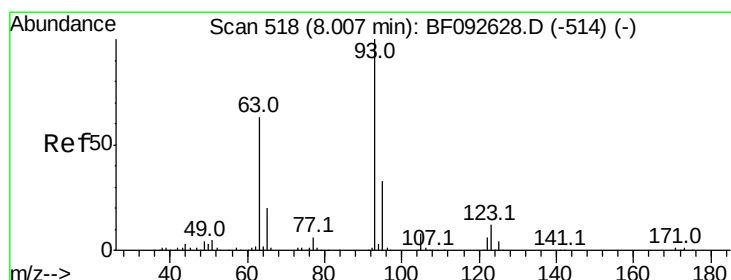
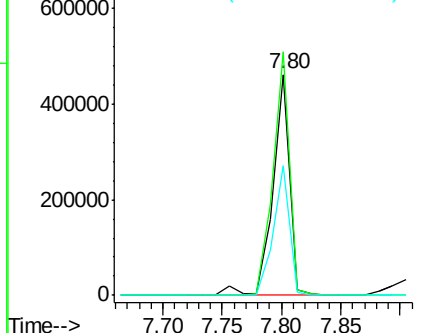
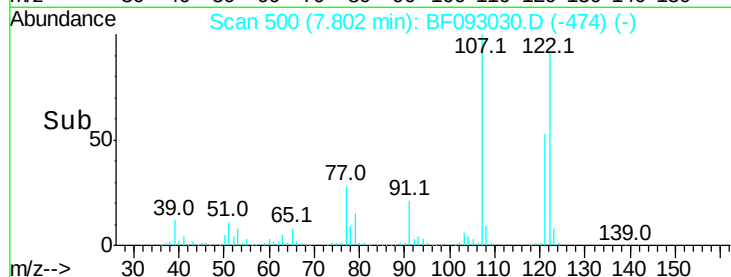
121 58.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.90 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

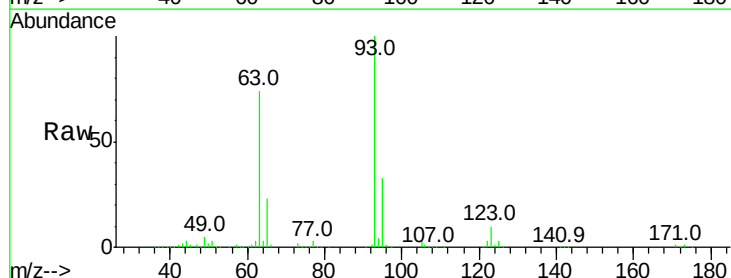
Tgt Ion: 93 Resp: 619998

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

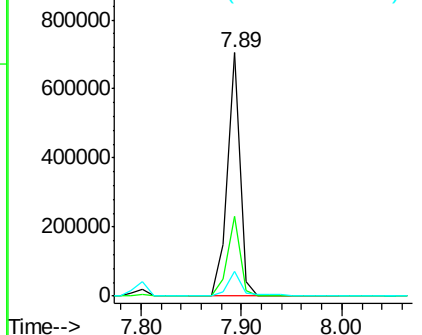
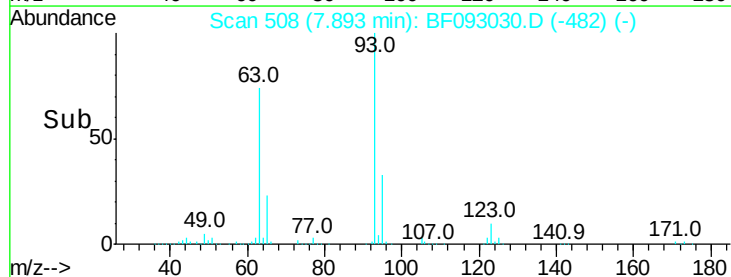
123 9.9 8.6 13.0

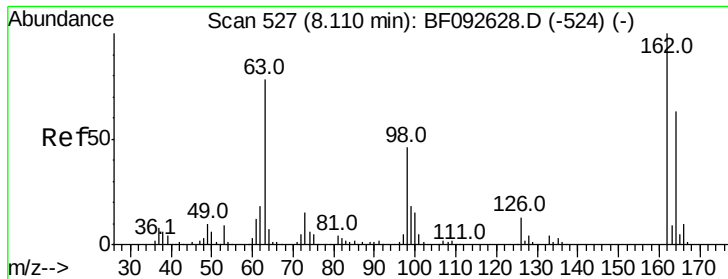


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

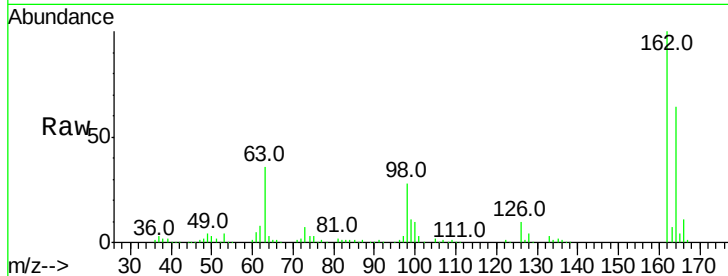




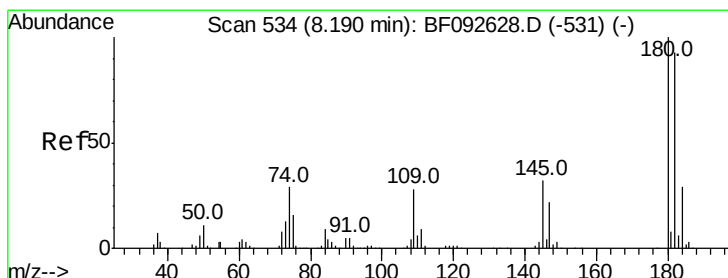
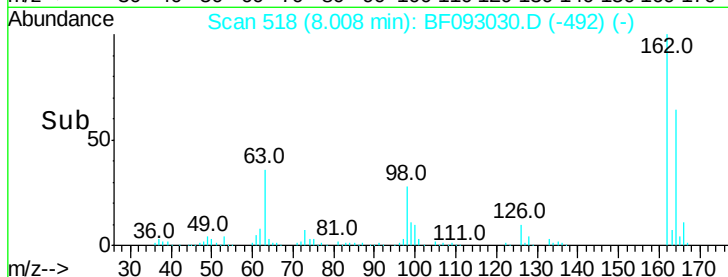
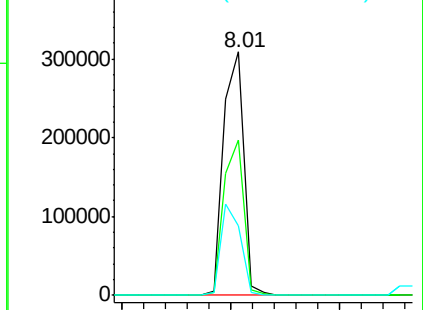
#29
 2,4-Dichlorophenol
 Concen: 39.66 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	46.8	86.8
98	28.5	9.1	49.1

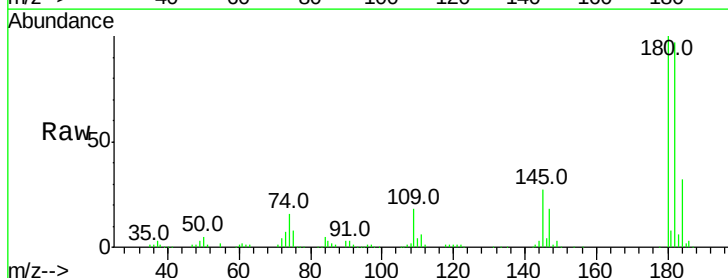


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

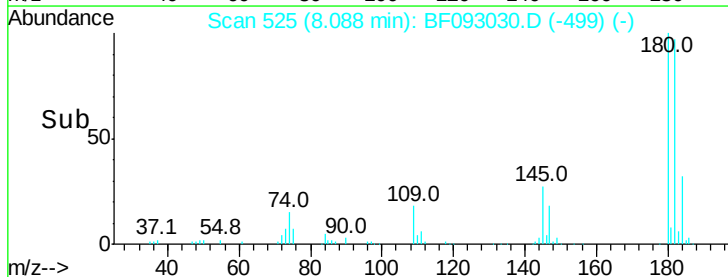
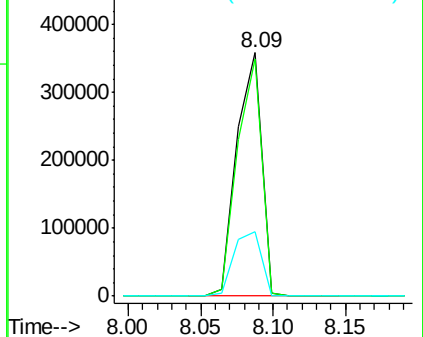


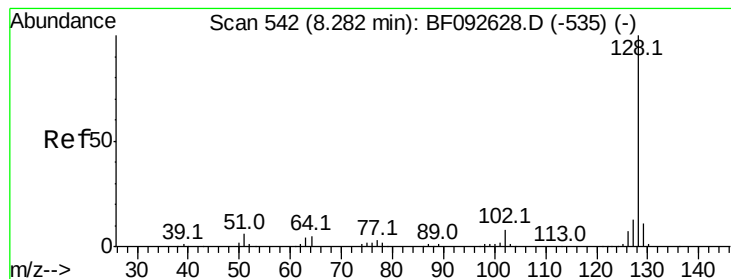
#30
 1,2,4-Trichlorobenzene
 Concen: 39.42 ng
 RT: 8.09 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.2	117.4
145	26.7	21.6	32.4



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





#31

Naphthalene

Concen: 38.98 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

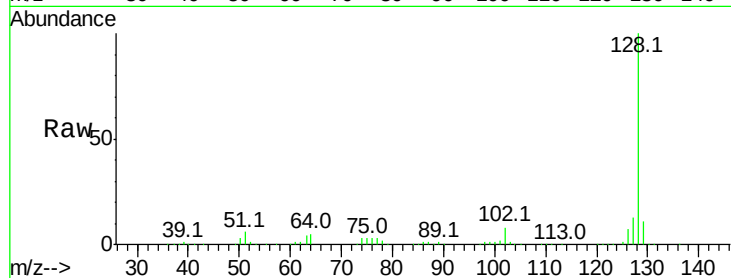
Tot Ion:128 Resp: 1385522

Ion Ratio Lower Upper

128 100

129 10.7 9.5 14.3

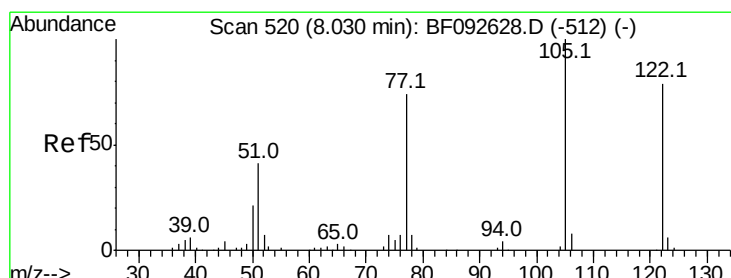
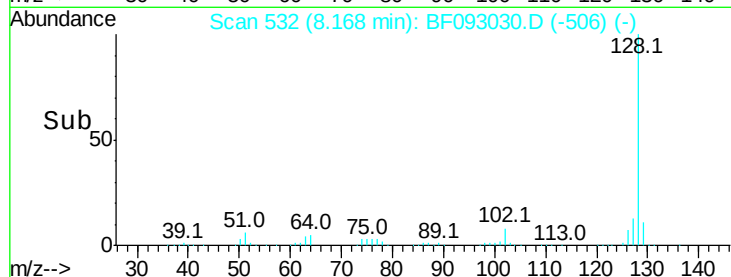
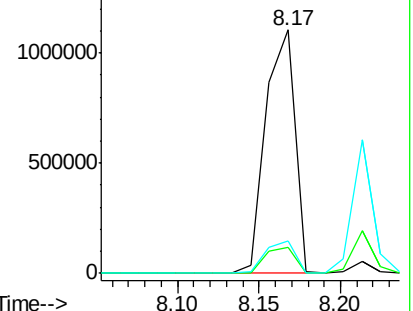
127 13.4 10.8 16.2



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: 31.68 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

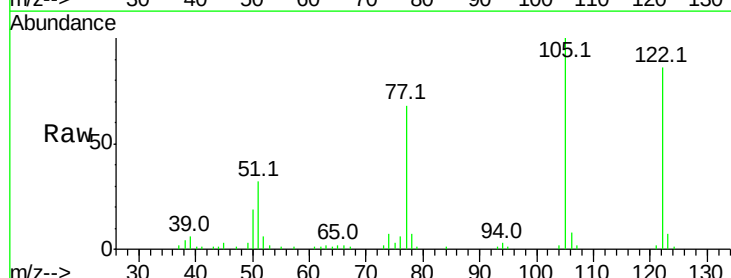
Tgt Ion:122 Resp: 176175

Ion Ratio Lower Upper

122 100

105 115.7 107.2 147.2

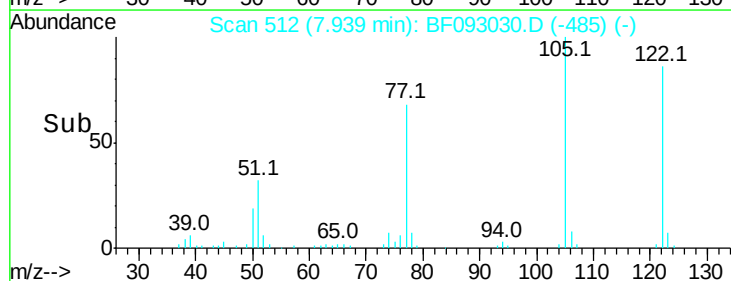
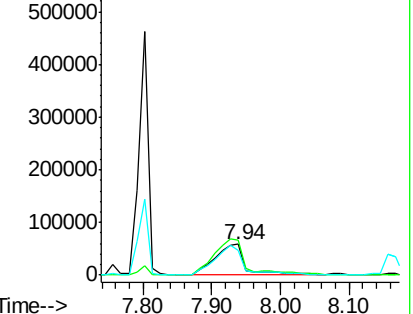
77 78.9 74.5 114.5

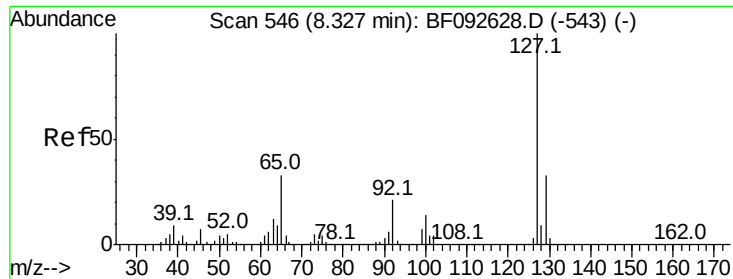


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

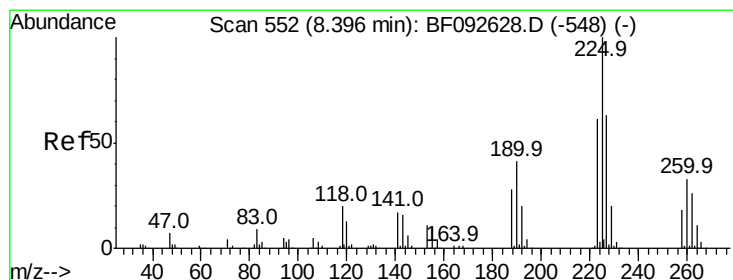
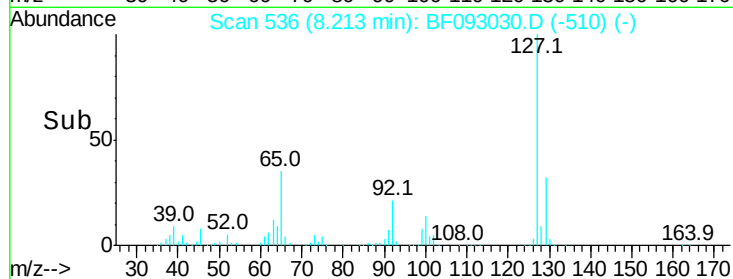
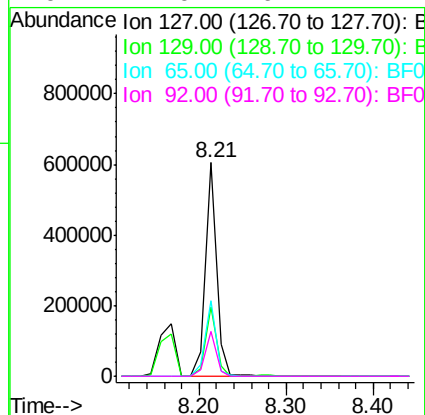
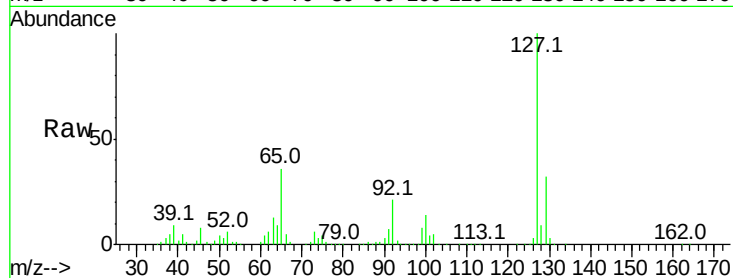




#33
4-Chloroaniline
Concen: 38.23 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

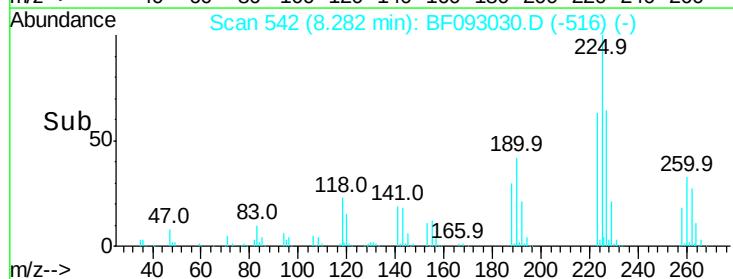
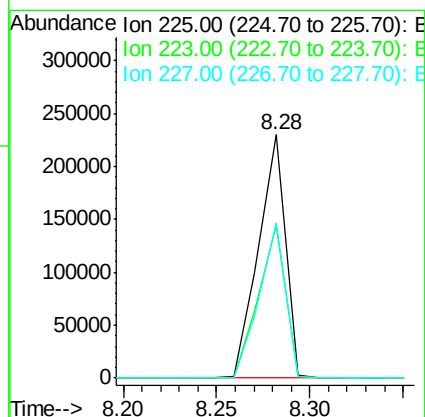
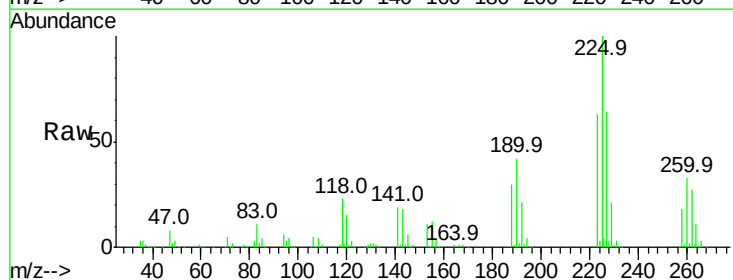
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

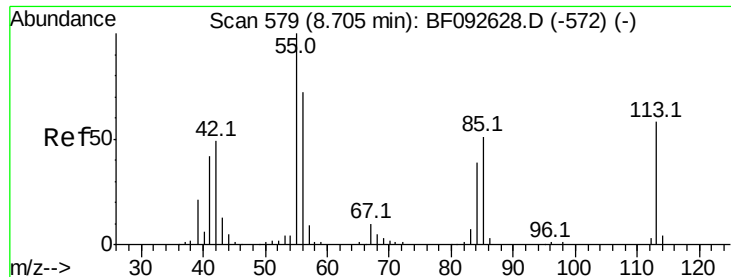
Tot Ion:	127	Resp:	532855
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	35.6	25.8	38.8
92	21.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.34 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion:	225	Resp:	228828
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	63.9	50.6	76.0





#35

Caprolactam

Concen: 40.95 ng

RT: 8.59 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

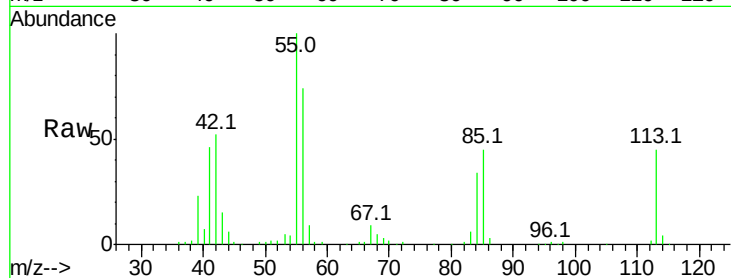
Tot Ion:113 Resp: 129647

Ion Ratio Lower Upper

113 100

55 222.9 119.2 159.2#

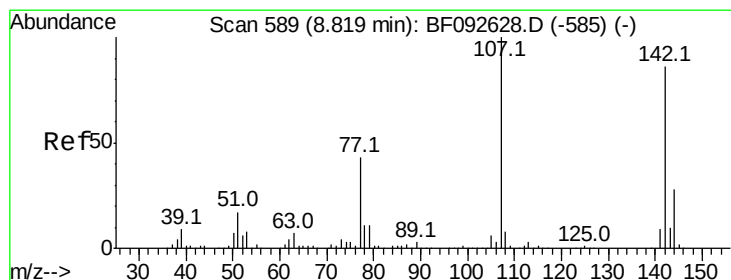
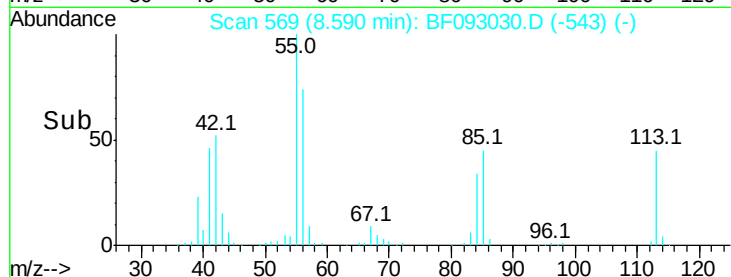
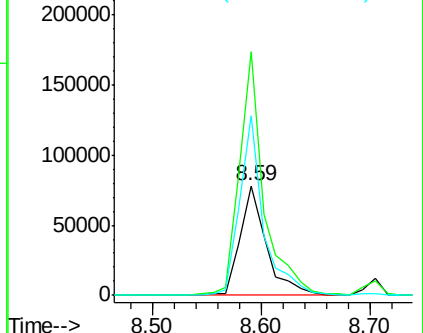
56 164.9 83.8 123.8#



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: 42.52 ng

RT: 8.70 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

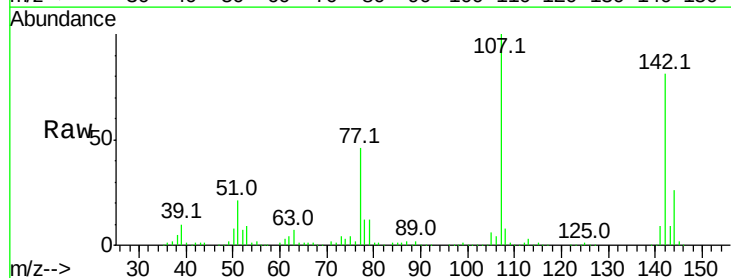
Tgt Ion:107 Resp: 446180

Ion Ratio Lower Upper

107 100

144 26.2 19.3 28.9

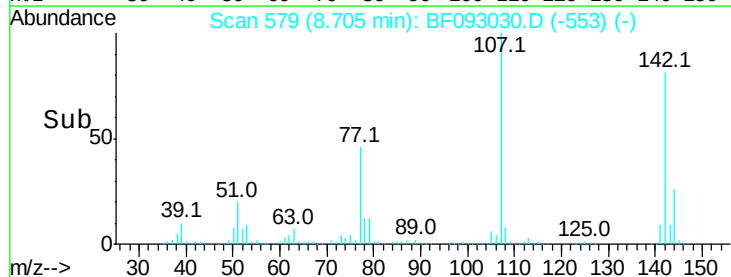
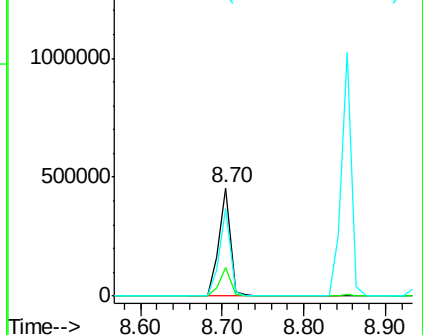
142 81.0 59.0 88.6

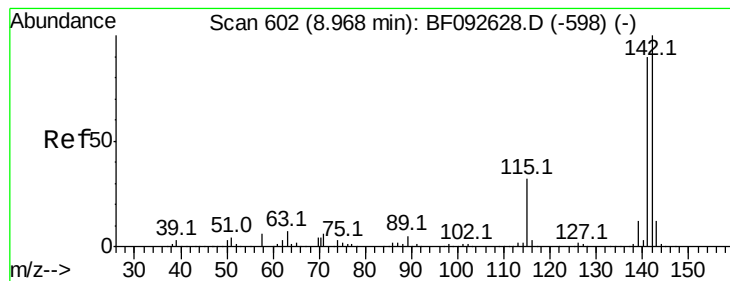


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.93 ng

RT: 8.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

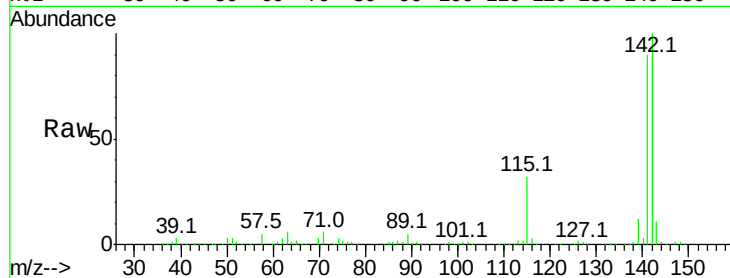
Tot Ion:142 Resp: 911190

Ion Ratio Lower Upper

142 100

141 90.0 71.0 106.6

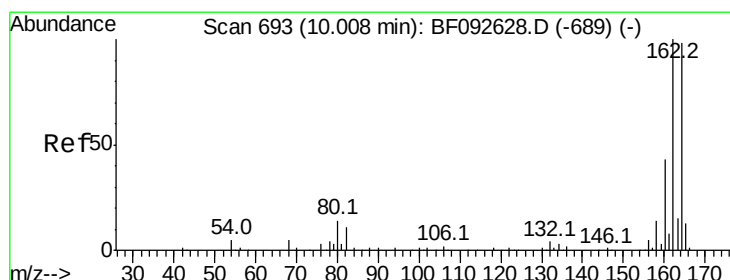
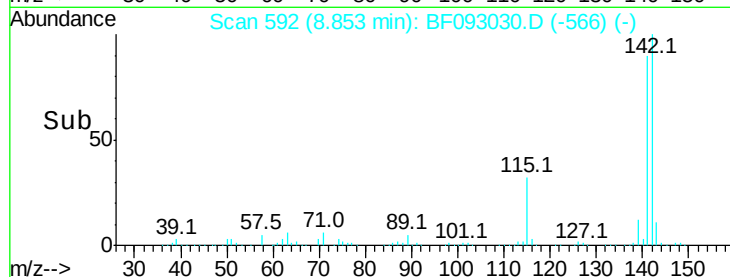
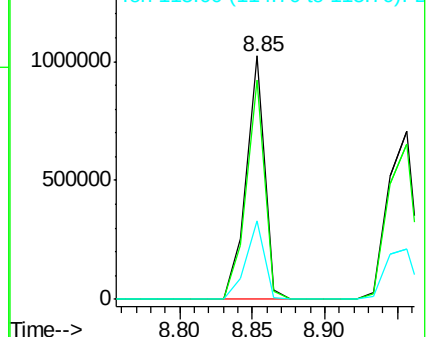
115 32.3 28.3 42.5



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: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

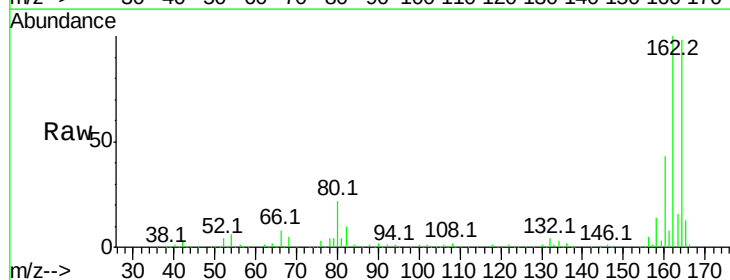
Tgt Ion:164 Resp: 384107

Ion Ratio Lower Upper

164 100

162 101.8 80.2 120.2

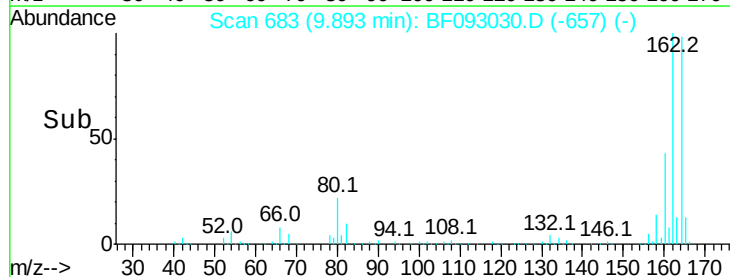
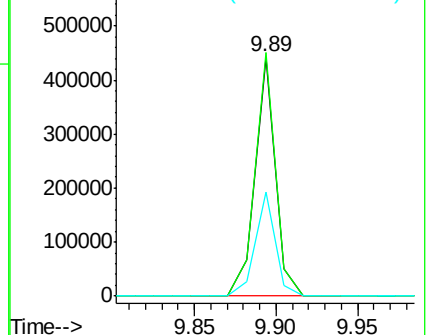
160 43.4 36.9 55.3

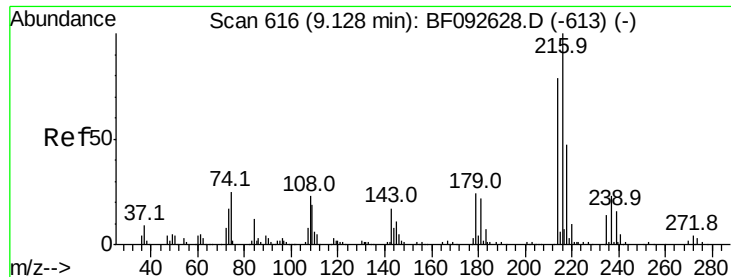


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.27 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 412586

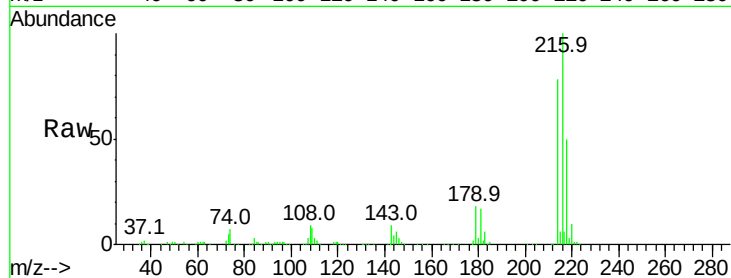
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.0

179 21.0 17.4 26.2

108 17.7 15.6 23.4

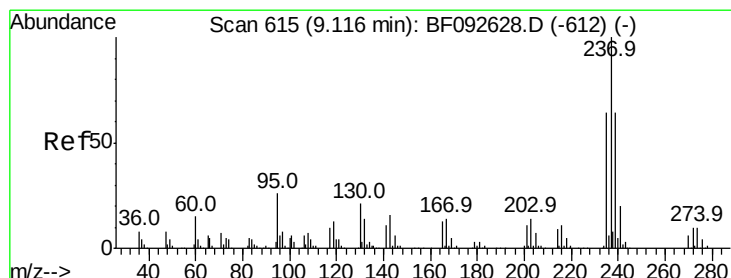
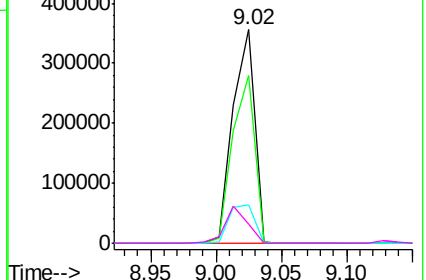
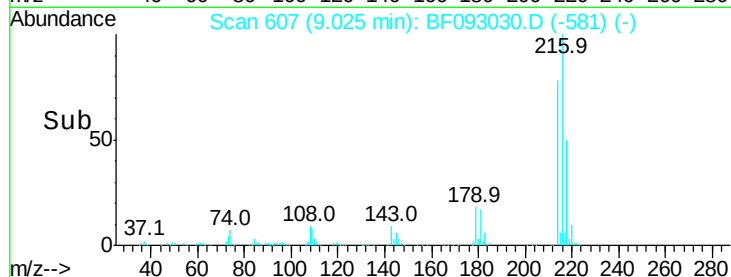


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.45 ng

RT: 9.00 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

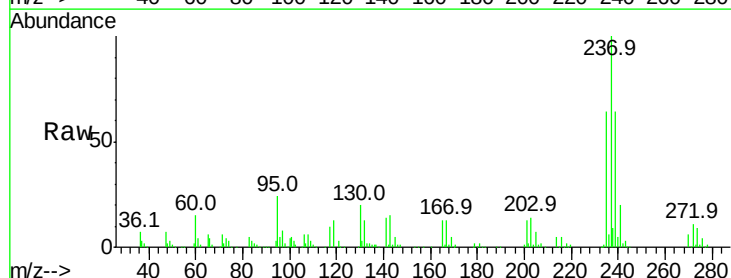
Tgt Ion:237 Resp: 187067

Ion Ratio Lower Upper

237 100

235 63.7 41.2 81.2

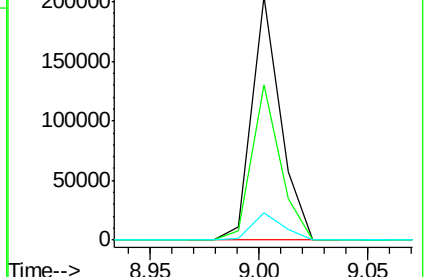
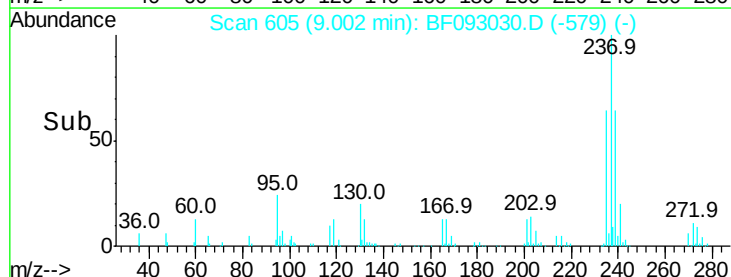
272 11.4 0.0 35.4

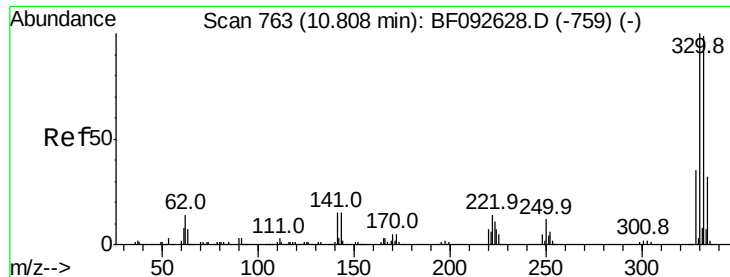


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

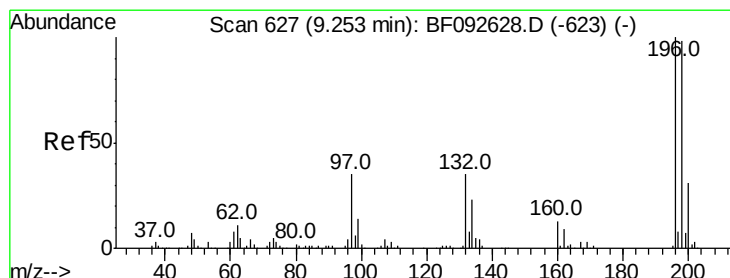
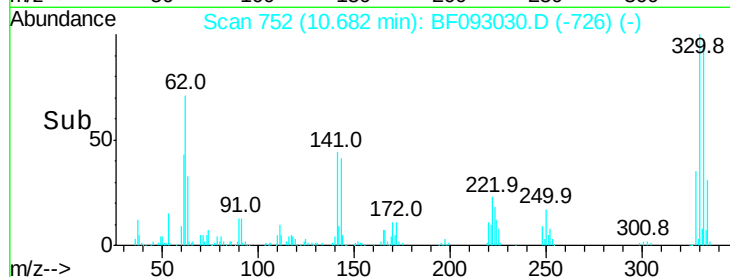
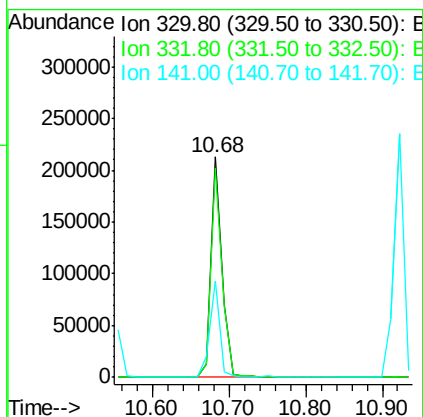
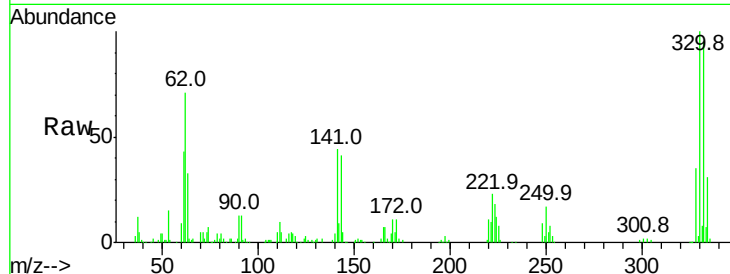




#41
 2,4,6-Tribromophenol
 Concen: 75.30 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

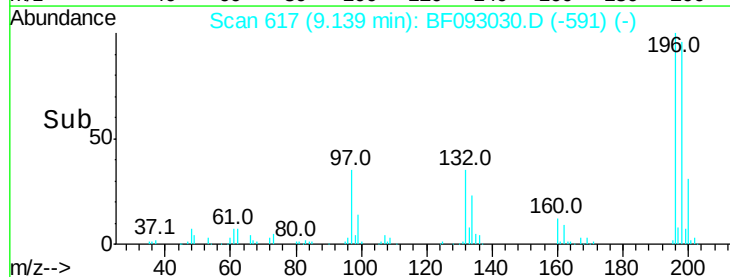
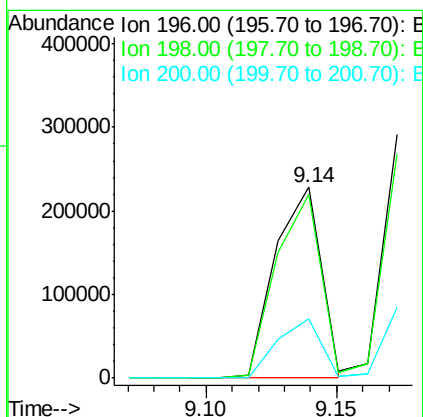
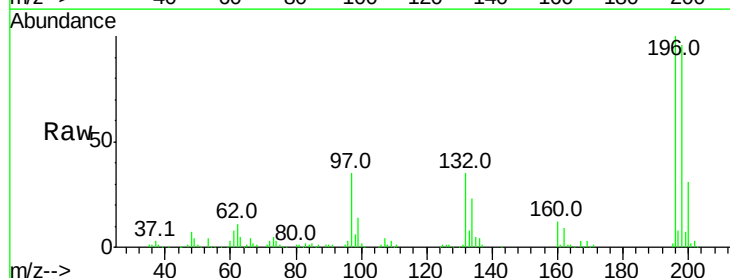
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

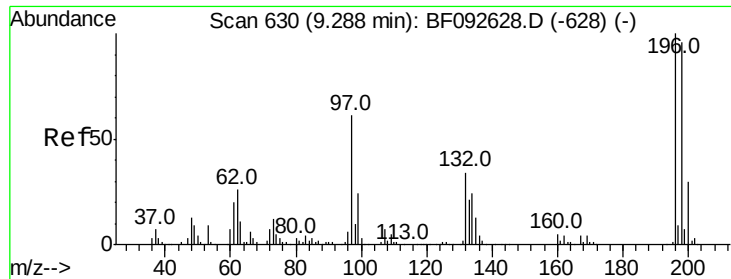
Tot Ion:330 Resp: 209203
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 40.1 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 39.14 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion:196 Resp: 277288
 Ion Ratio Lower Upper
 196 100
 198 96.2 82.1 123.1
 200 31.2 27.0 40.4

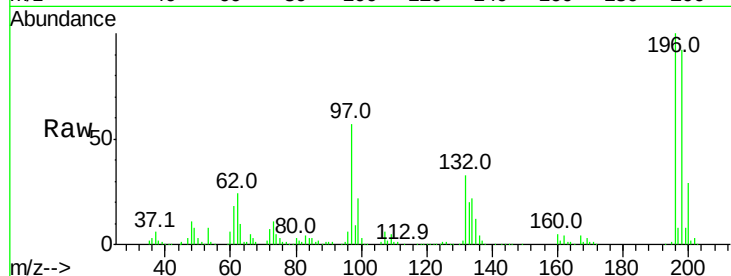




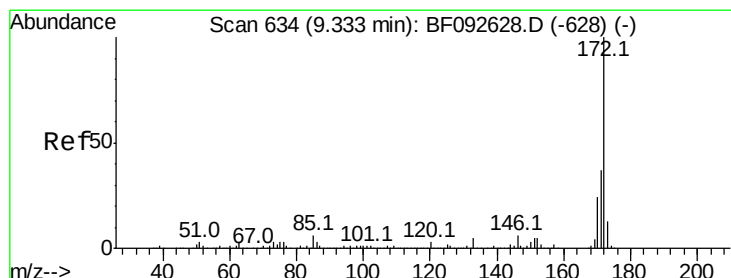
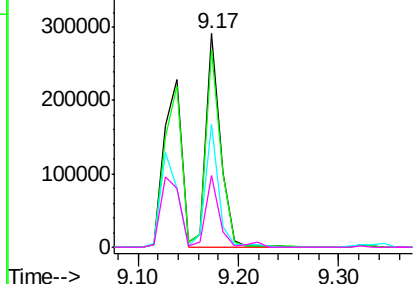
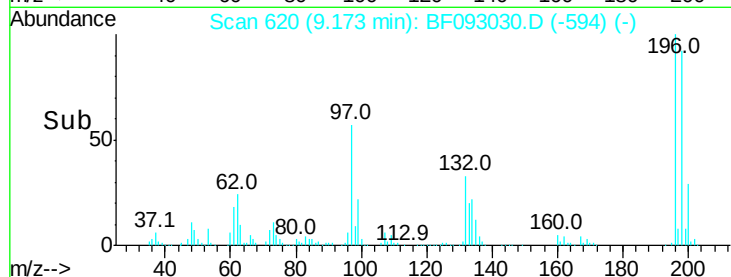
#43
 2,4,5-Trichlorophenol
 Concen: 37.50 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 291138
 Ion Ratio Lower Upper
 196 100
 198 92.3 79.4 119.2
 97 57.4 51.5 77.3
 132 33.5 27.4 41.2

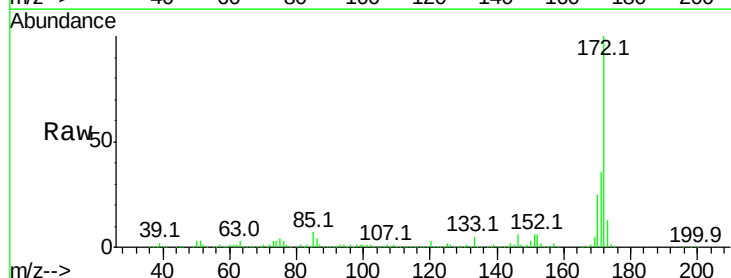


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

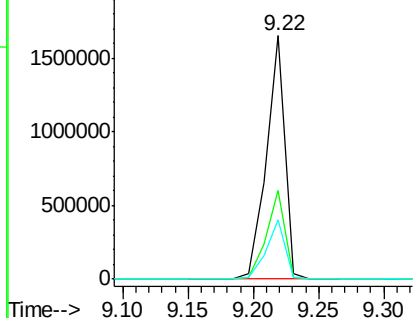
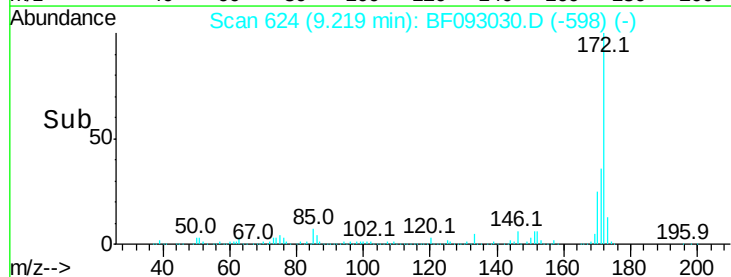


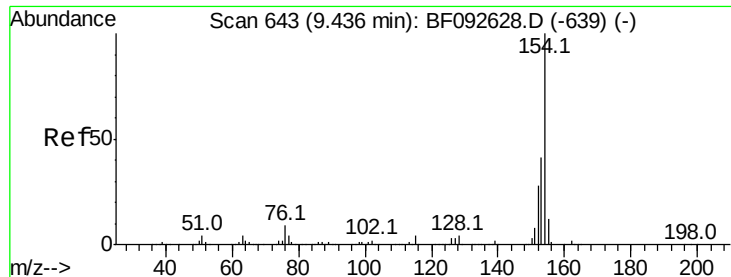
#44
 2-Fluorobiphenyl
 Concen: 77.32 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion:172 Resp: 1639381
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 20.2 30.4



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

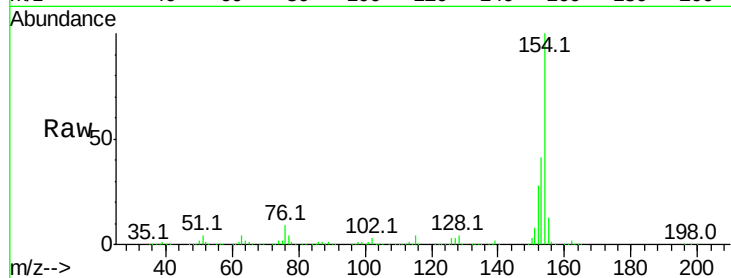




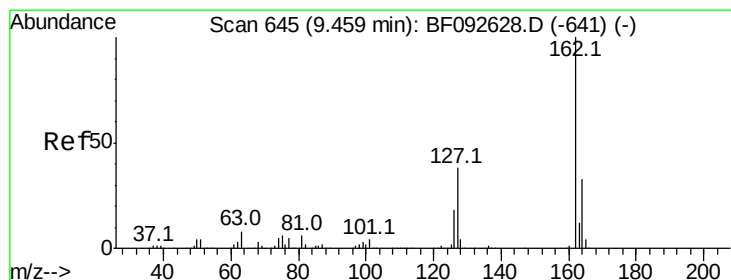
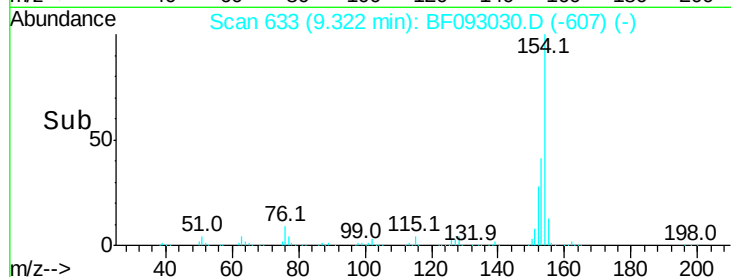
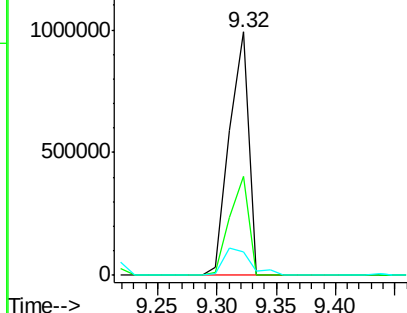
#45
1,1'-Biphenyl
Concen: 39.96 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 1111512
Ion Ratio Lower Upper
154 100
153 40.8 20.9 60.9
76 9.4 0.0 30.5

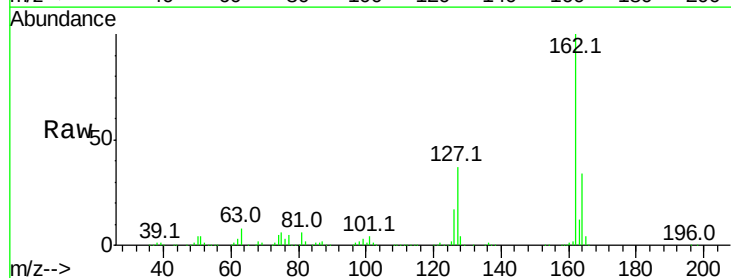


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

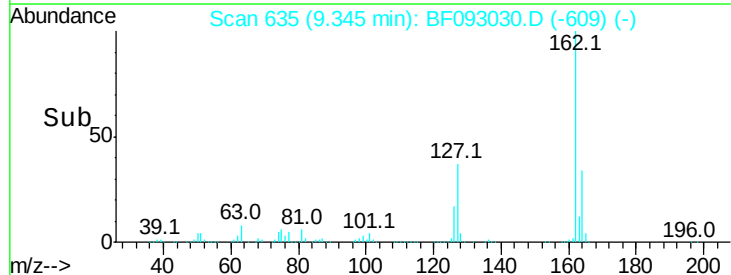
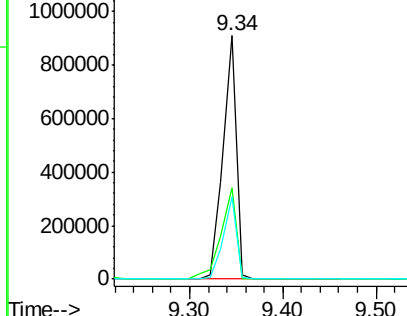


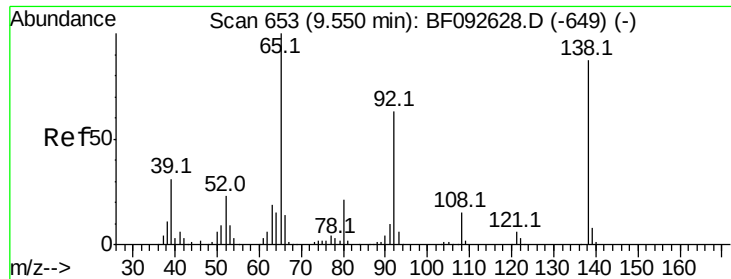
#46
2-Chloronaphthalene
Concen: 41.23 ng
RT: 9.34 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion:162 Resp: 896999
Ion Ratio Lower Upper
162 100
127 37.3 30.7 46.1
164 33.8 27.6 41.4



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: 39.29 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

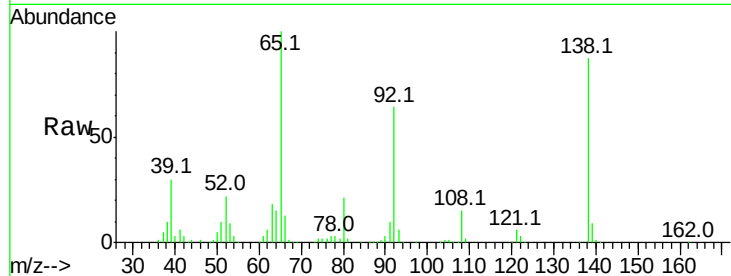
Tot Ion: 65 Resp: 287413

Ion Ratio Lower Upper

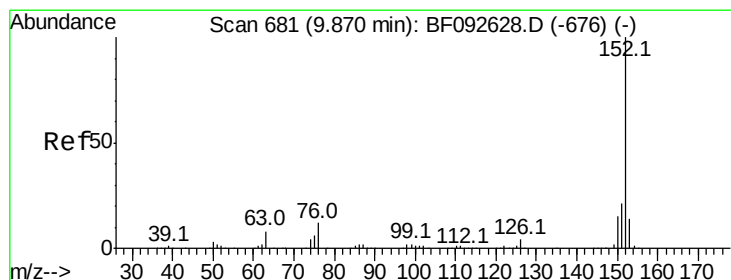
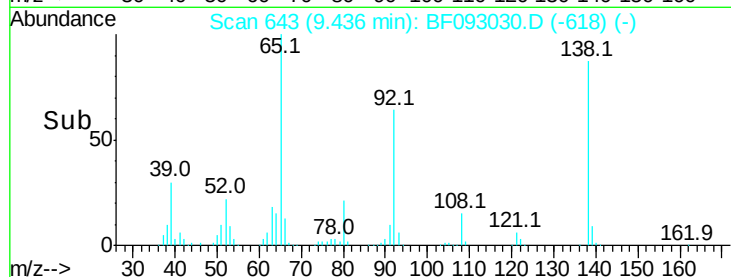
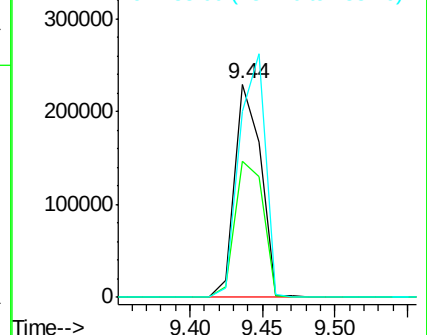
65 100

92 63.5 53.9 80.9

138 87.3 76.8 115.2



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: 36.74 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

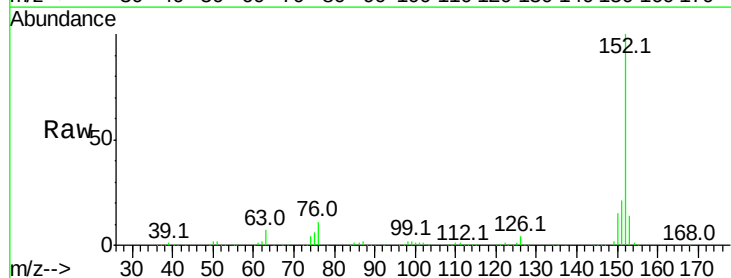
Tgt Ion: 152 Resp: 1381068

Ion Ratio Lower Upper

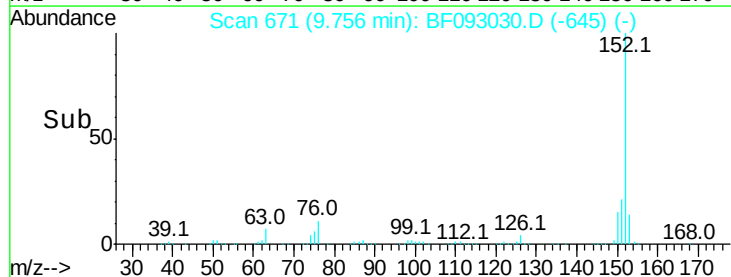
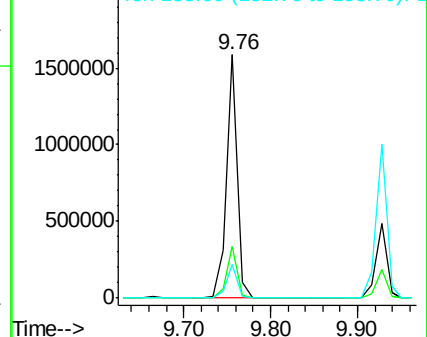
152 100

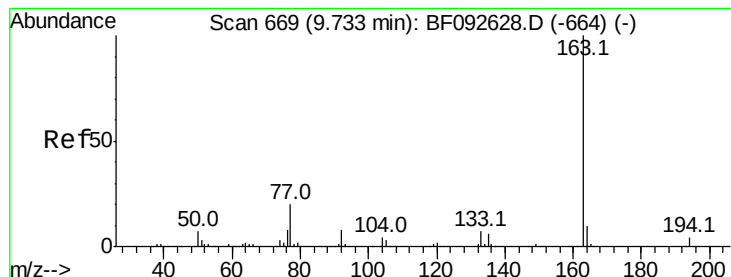
151 21.2 16.9 25.3

153 13.7 11.4 17.2



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: 36.81 ng

RT: 9.62 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

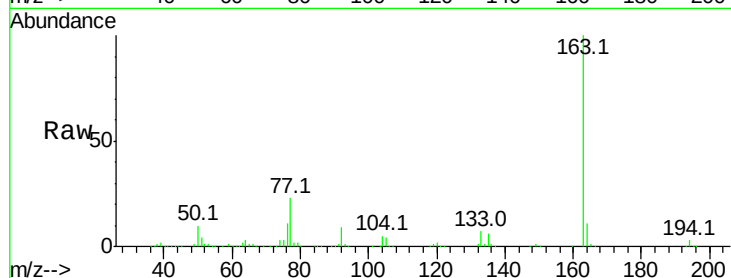
Tot Ion:163 Resp: 952341

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

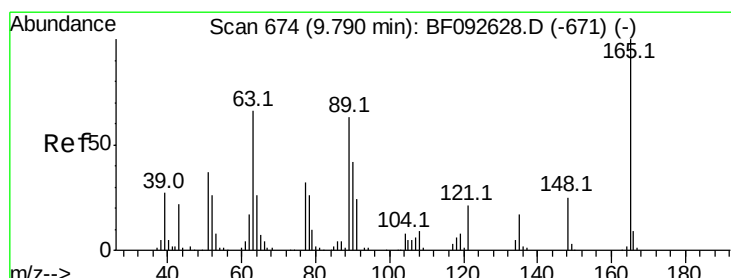
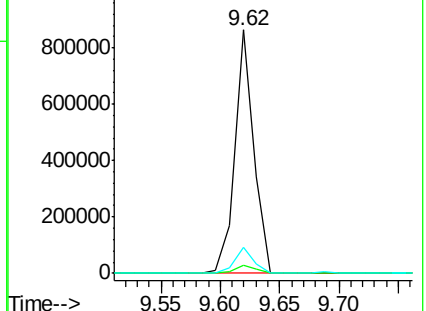
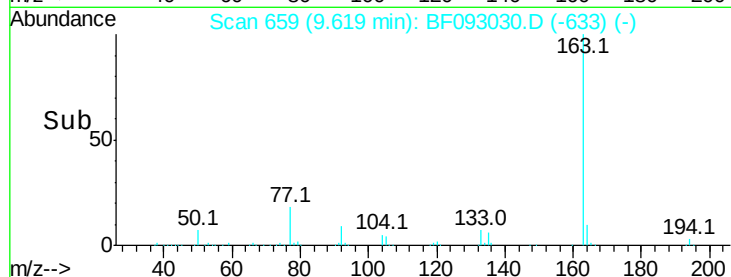
164 10.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.22 ng

RT: 9.69 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

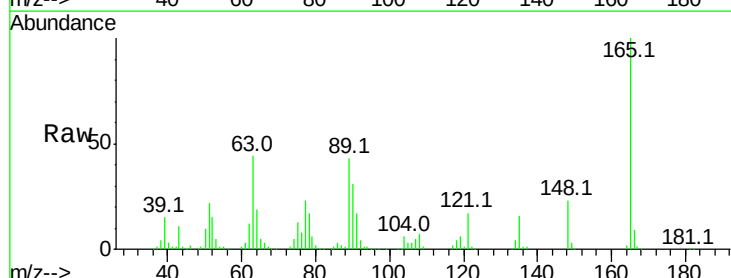
Tgt Ion:165 Resp: 252662

Ion Ratio Lower Upper

165 100

63 43.7 36.2 54.4

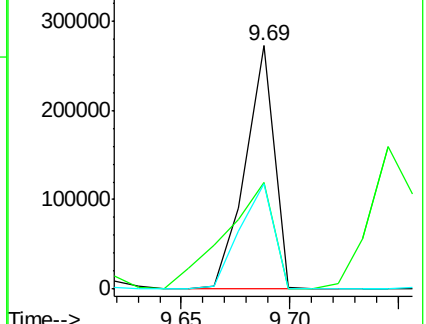
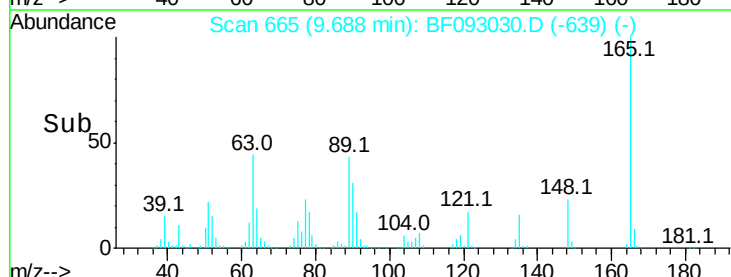
89 43.4 40.2 60.4

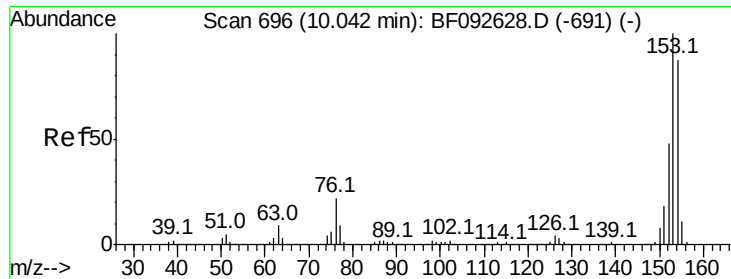


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.30 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

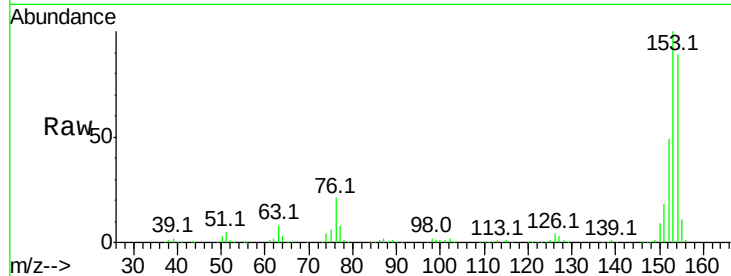
Tot Ion:154 Resp: 770732

Ion Ratio Lower Upper

154 100

153 112.4 88.6 133.0

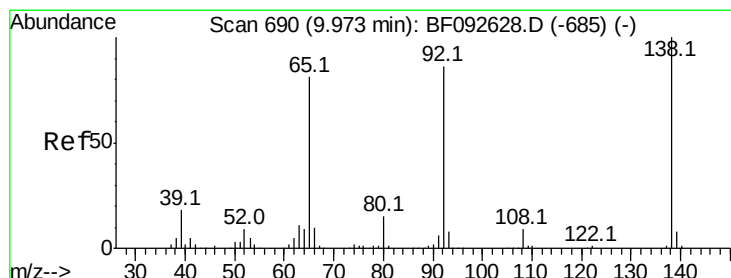
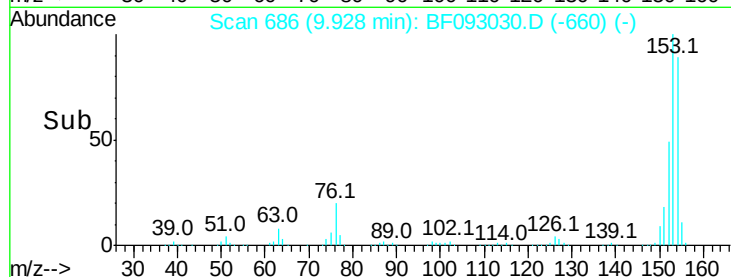
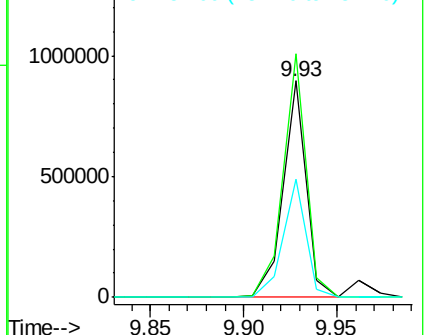
152 54.6 41.6 62.4



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: 44.99 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

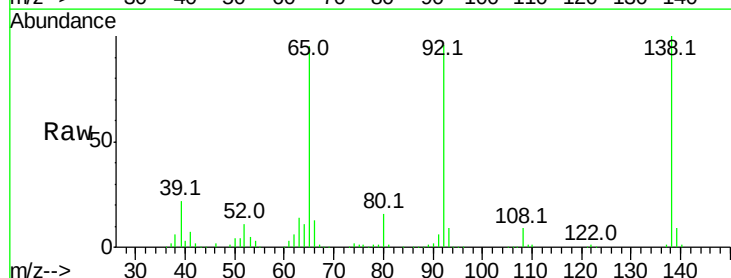
Tgt Ion:138 Resp: 287672

Ion Ratio Lower Upper

138 100

108 9.0 8.5 12.7

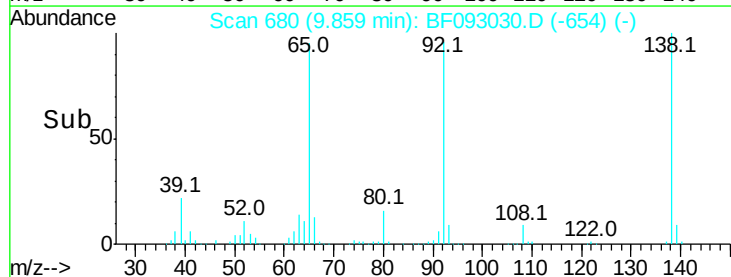
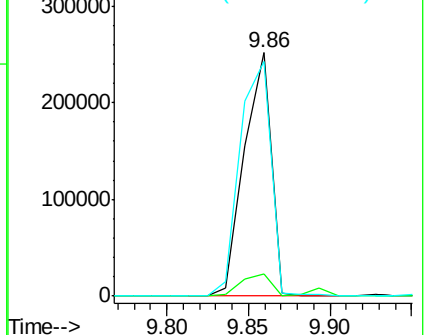
92 96.5 97.8 146.8#

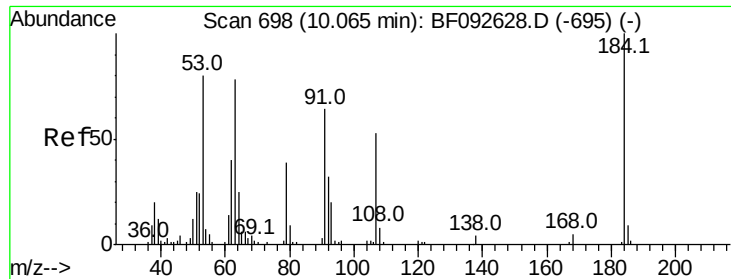


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

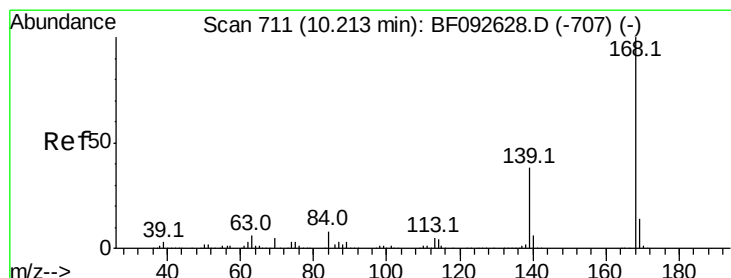
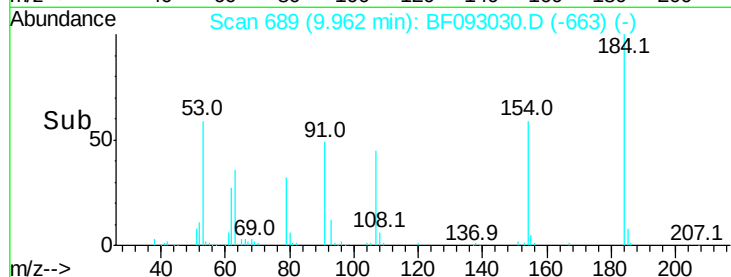
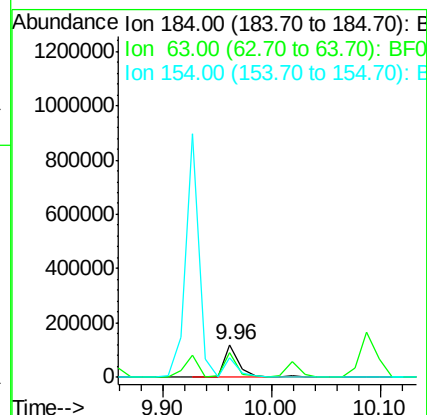
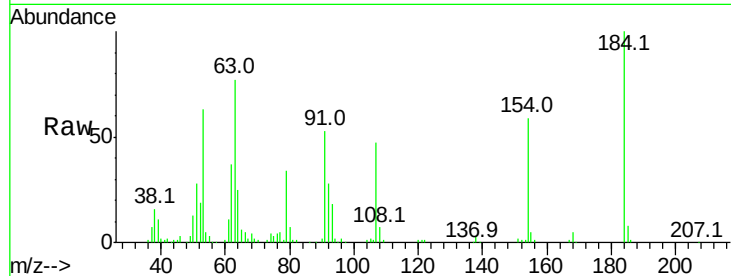




#53
2,4-Dinitrophenol
Concen: 45.38 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

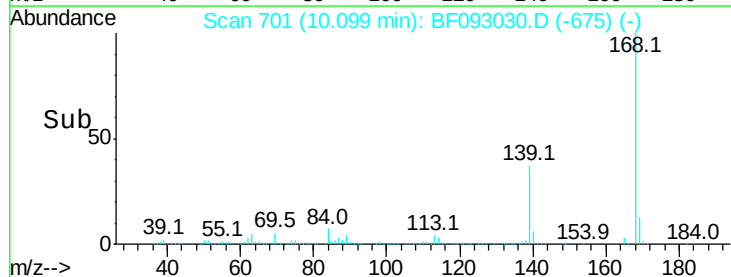
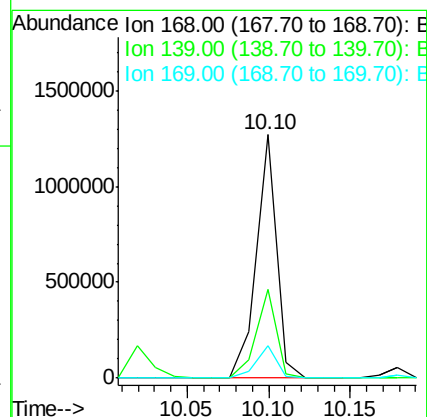
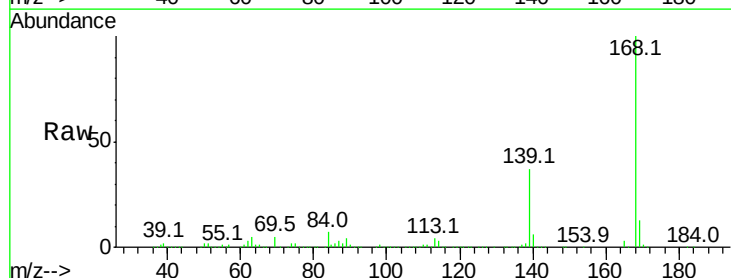
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

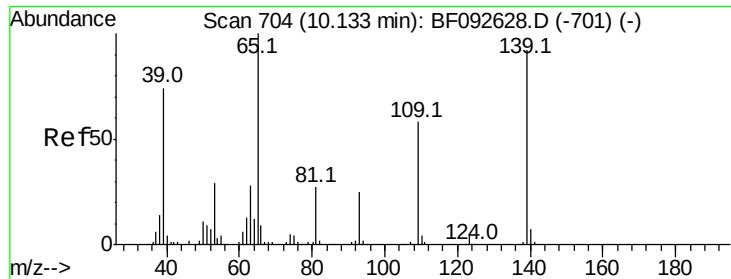
Tot Ion:184 Resp: 122788
Ion Ratio Lower Upper
184 100
63 76.6 28.4 42.6#
154 59.3 44.3 66.5



#54
Dibenzofuran
Concen: 36.52 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion:168 Resp: 1097606
Ion Ratio Lower Upper
168 100
139 36.7 32.6 49.0
169 13.4 11.3 16.9

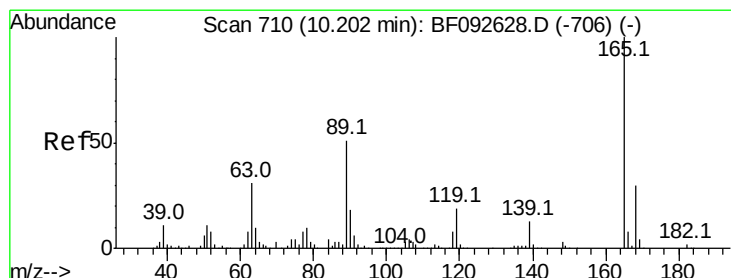
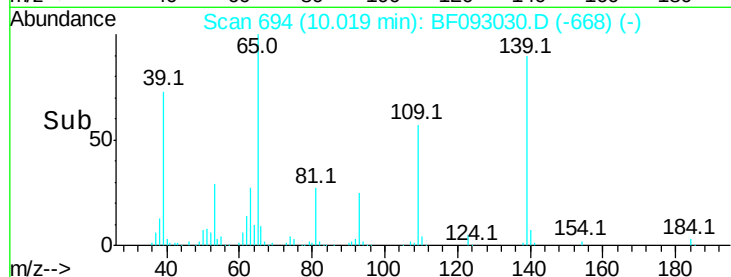
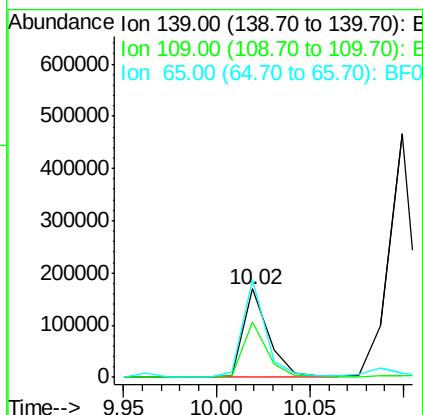
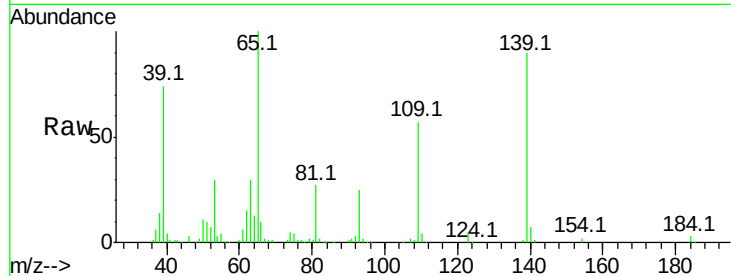




#55
4-Nitrophenol
Concen: 35.86 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

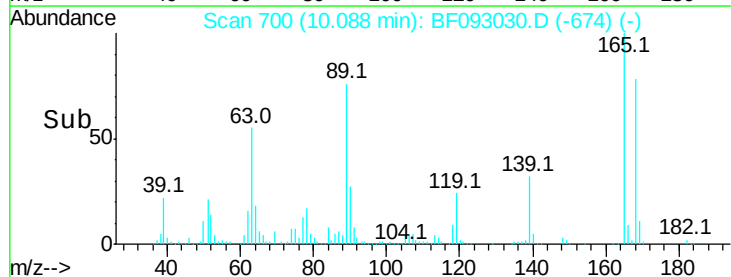
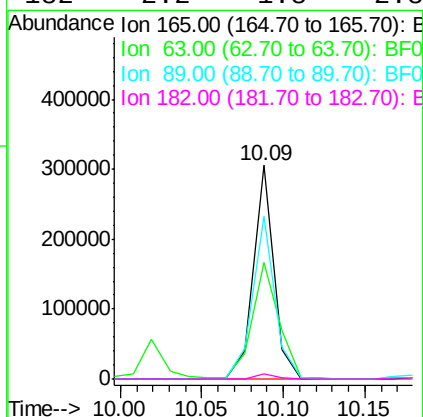
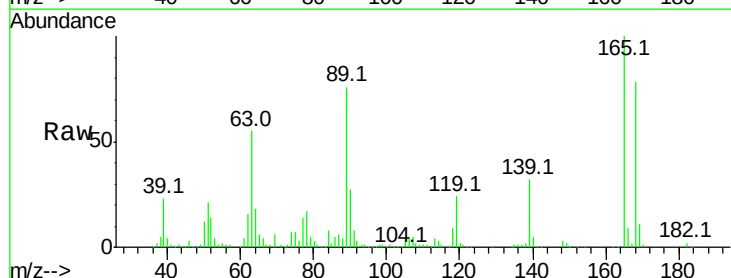
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

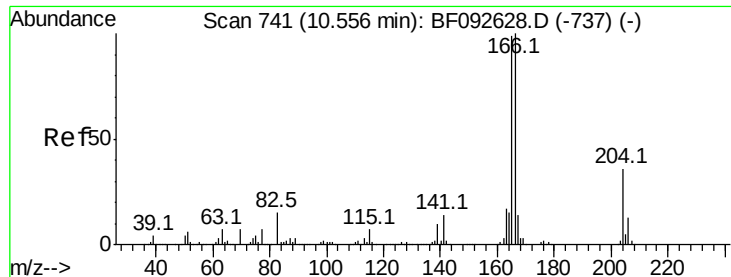
Tot Ion:139 Resp: 165145
Ion Ratio Lower Upper
139 100
109 63.4 52.2 92.2
65 110.9 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 35.96 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion:165 Resp: 267482
Ion Ratio Lower Upper
165 100
63 54.8 40.2 60.4
89 75.8 62.5 93.7
182 2.2 1.8 2.8

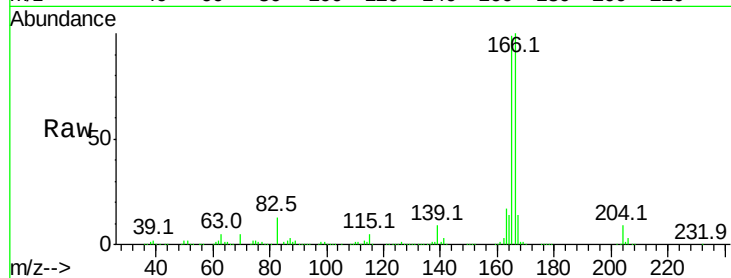




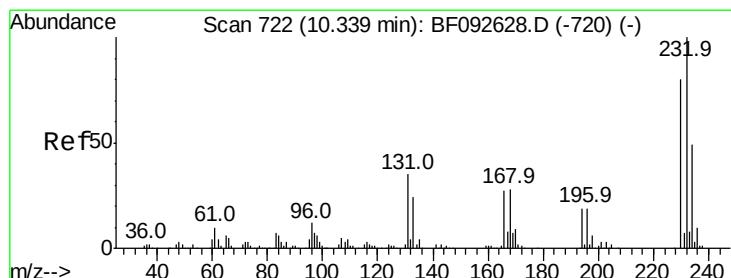
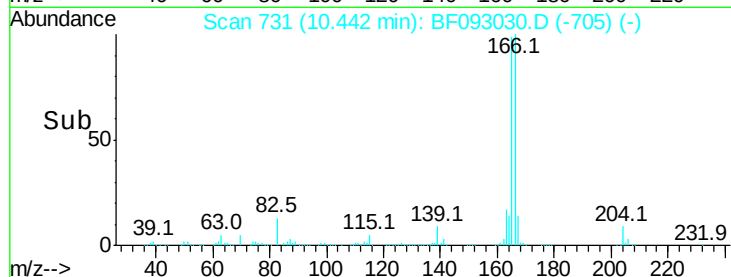
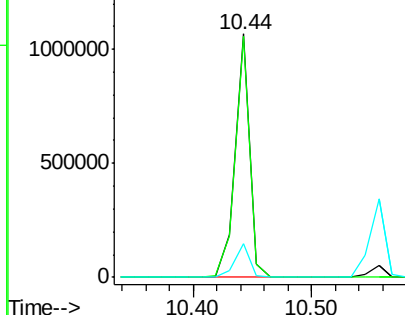
#57
 Fluorene
 Concen: 39.11 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:166 Resp: 904443
 Ion Ratio Lower Upper
 166 100
 165 98.9 77.8 116.8
 167 13.7 10.8 16.2

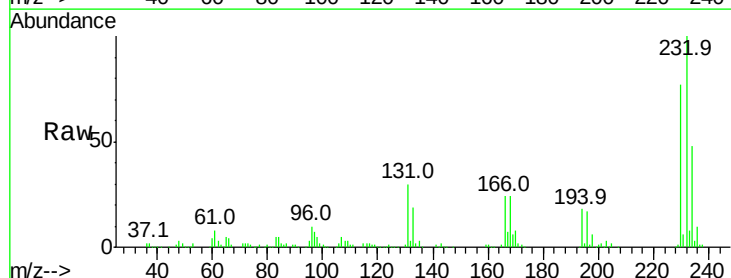


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

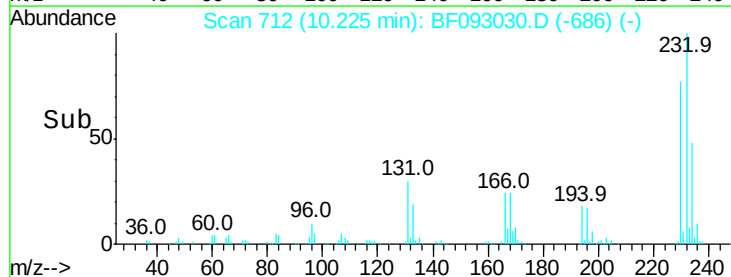
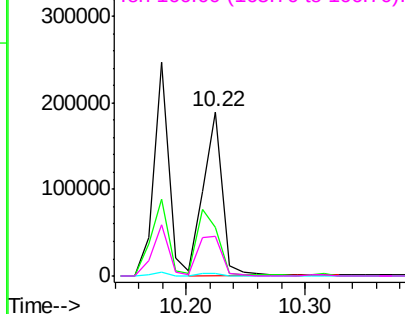


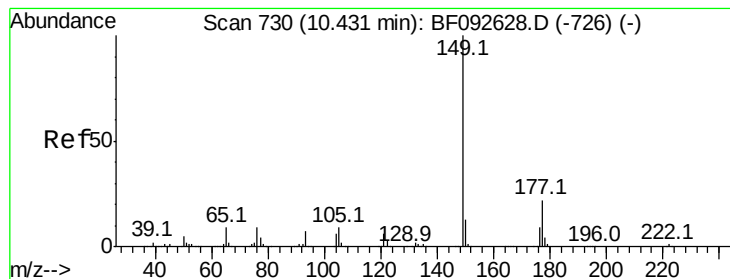
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.93 ng
 RT: 10.22 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion:232 Resp: 211962
 Ion Ratio Lower Upper
 232 100
 131 45.9 40.1 60.1
 130 2.1 1.8 2.8
 166 30.9 26.6 39.8



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.66 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

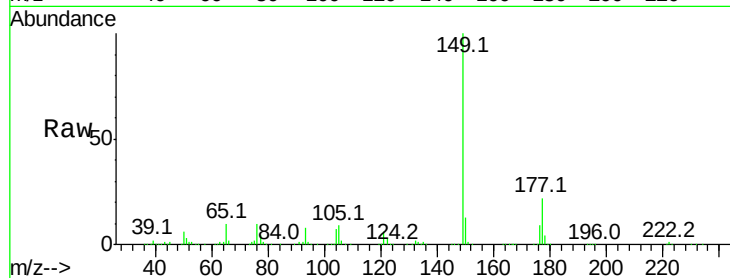
Tot Ion:149 Resp: 918176

Ion Ratio Lower Upper

149 100

177 21.6 16.6 25.0

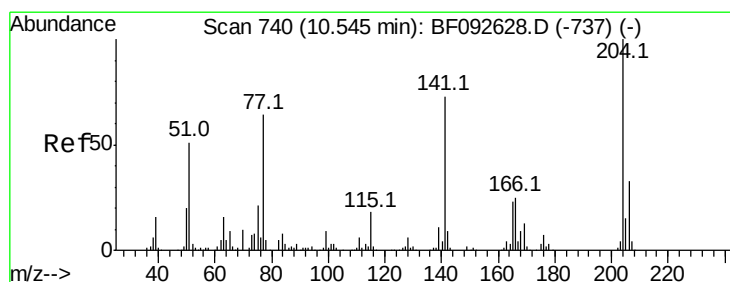
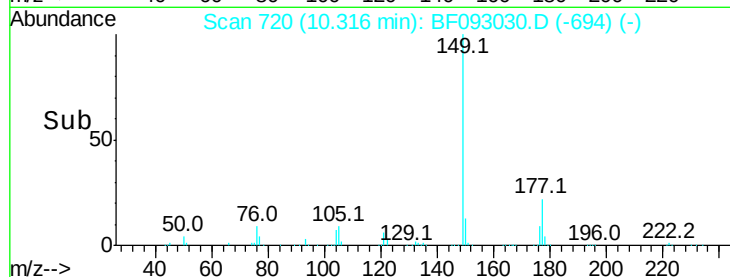
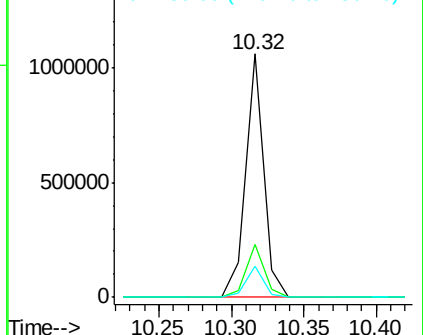
150 12.9 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.36 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

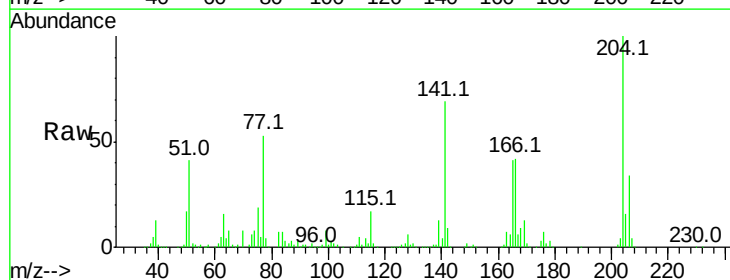
Tgt Ion:204 Resp: 381680

Ion Ratio Lower Upper

204 100

206 34.2 25.8 38.6

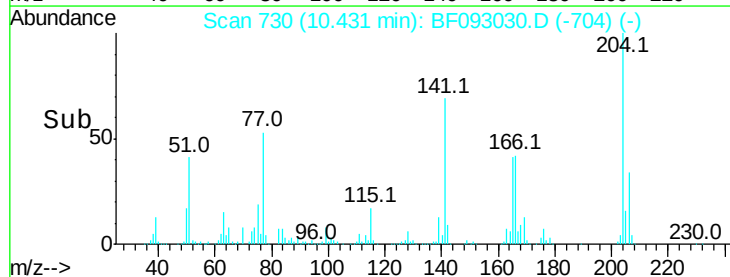
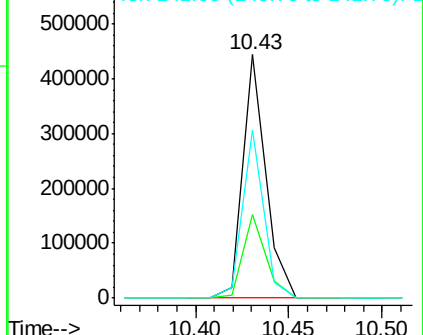
141 68.9 59.4 89.0

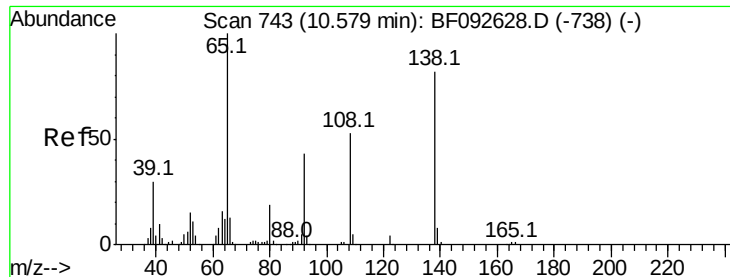


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

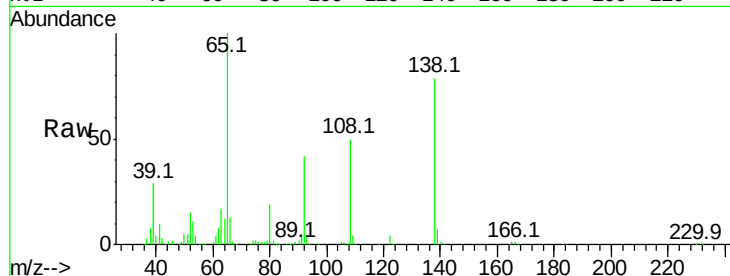




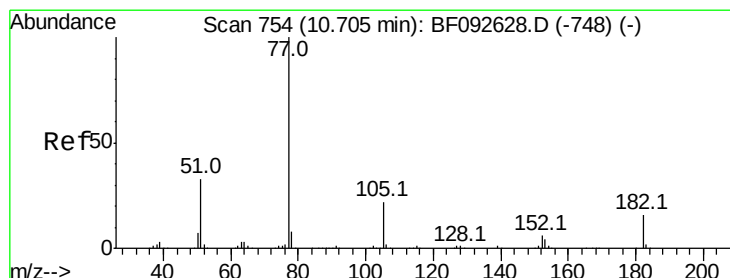
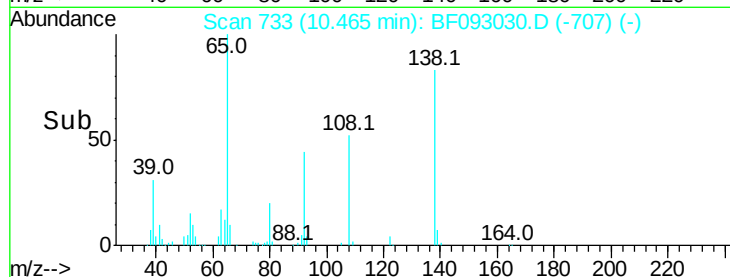
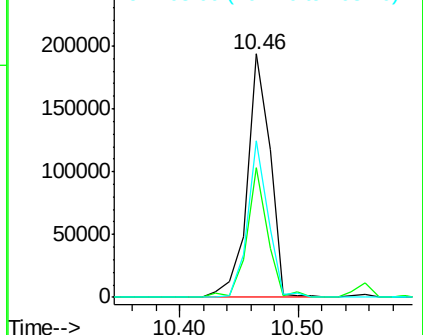
#61
4-Nitroaniline
Concen: 40.14 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 262867
Ion Ratio Lower Upper
138 100
92 53.2 31.7 71.7
108 64.2 52.6 92.6

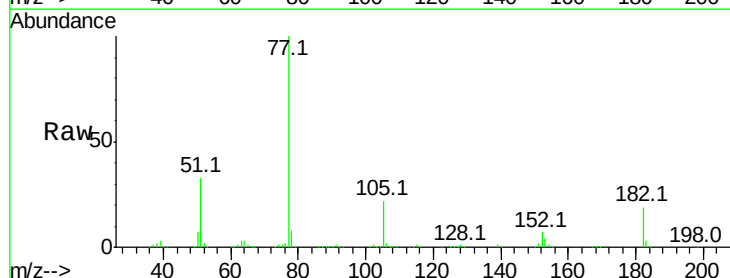


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

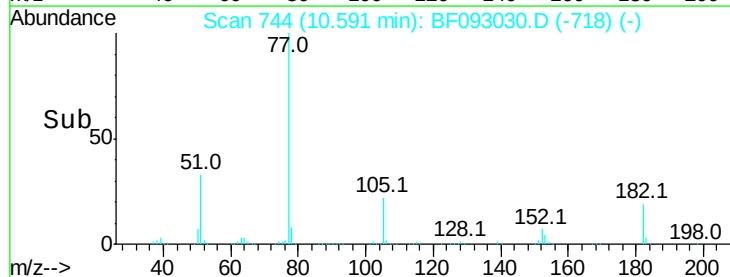
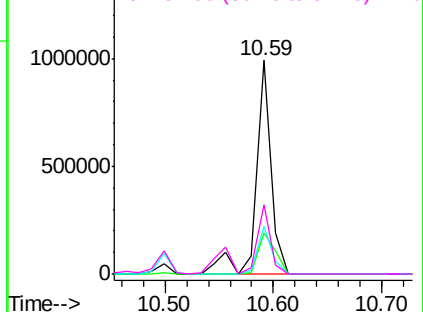


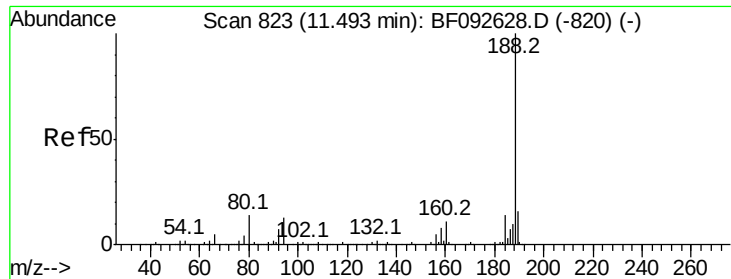
#62
Azobenzene
Concen: 38.54 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion: 77 Resp: 970839
Ion Ratio Lower Upper
77 100
182 19.4 0.0 39.3
105 22.4 2.3 42.3
51 32.6 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

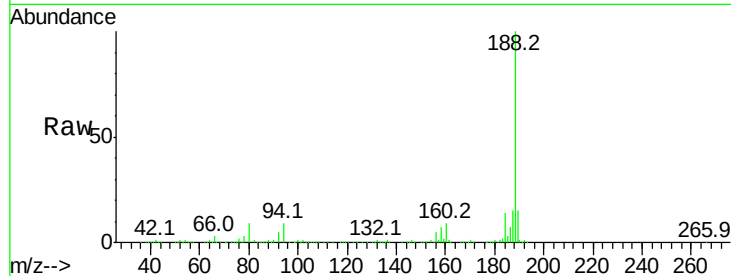
Tot Ion:188 Resp: 629494

Ion Ratio Lower Upper

188 100

94 8.8 10.0 15.0#

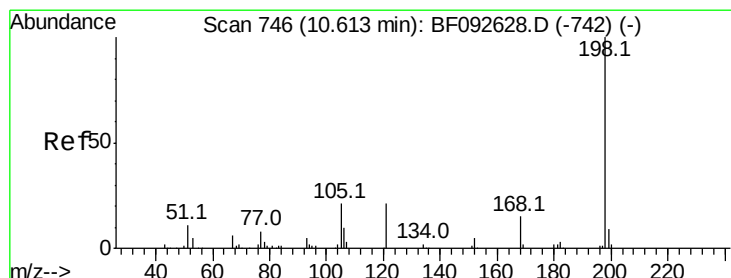
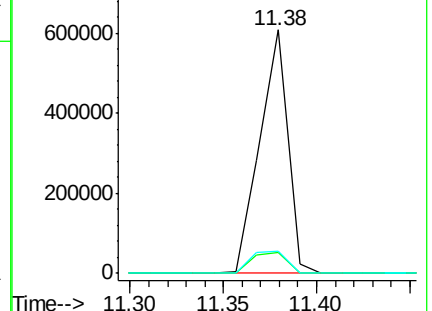
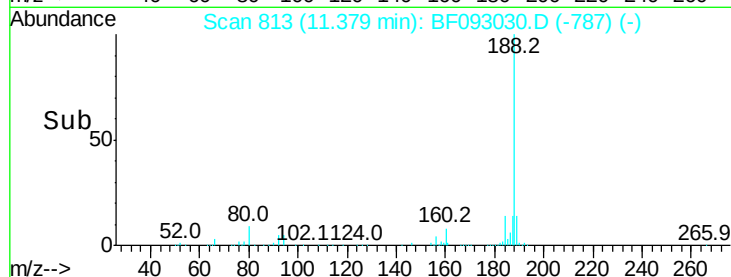
80 9.2 11.2 16.8#



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: 44.73 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

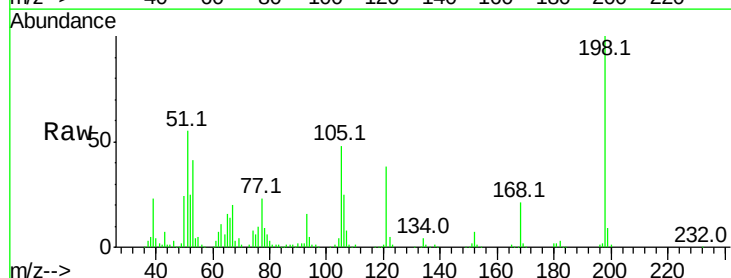
Tgt Ion:198 Resp: 170662

Ion Ratio Lower Upper

198 100

51 54.7 6.7 46.7#

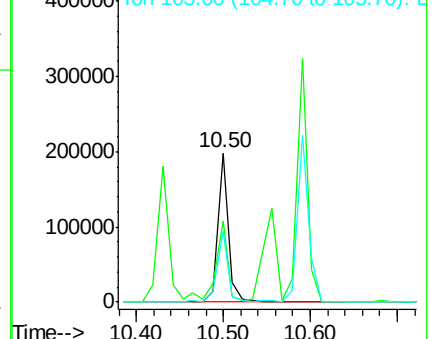
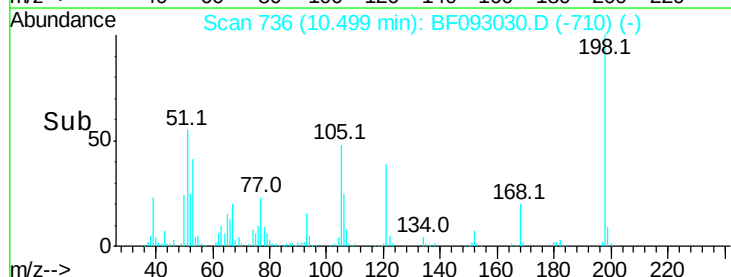
105 47.9 16.6 56.6

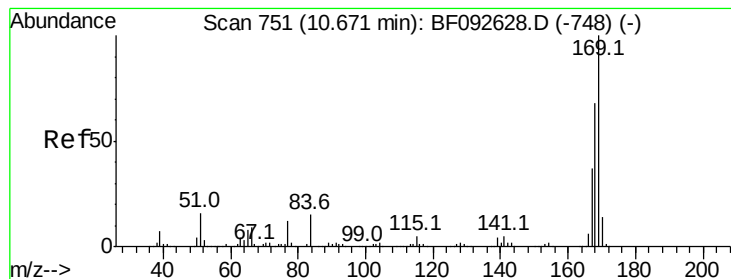


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.58 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

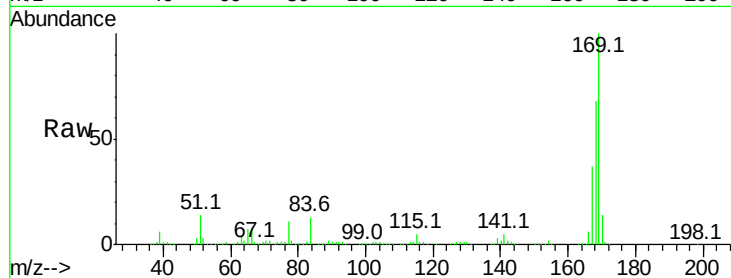
Tot Ion:169 Resp: 836053

Ion Ratio Lower Upper

169 100

168 68.2 54.2 81.2

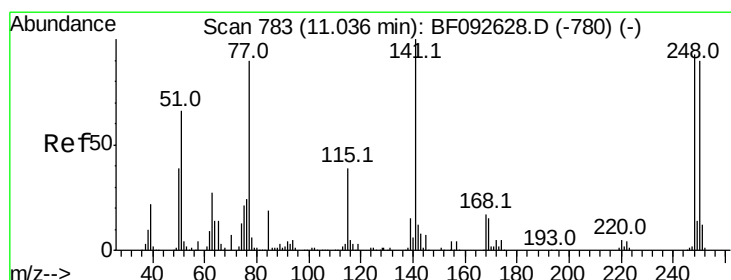
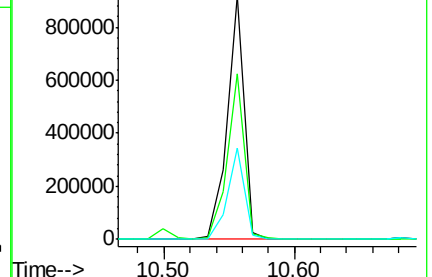
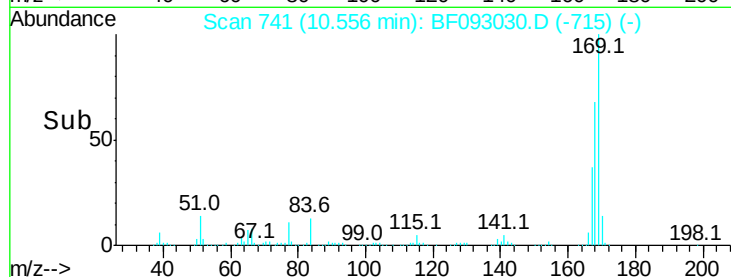
167 37.3 30.2 45.4



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: 38.32 ng

RT: 10.92 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

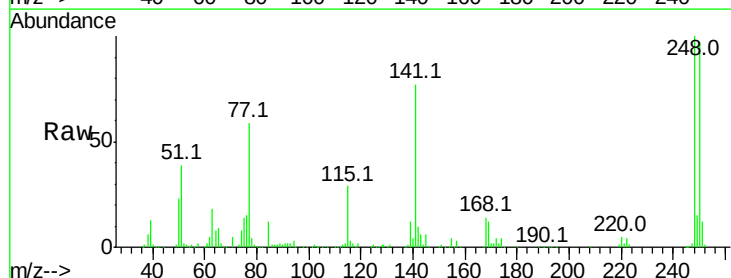
Tgt Ion:248 Resp: 252003

Ion Ratio Lower Upper

248 100

250 97.3 76.9 115.3

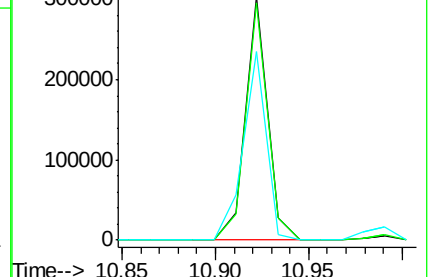
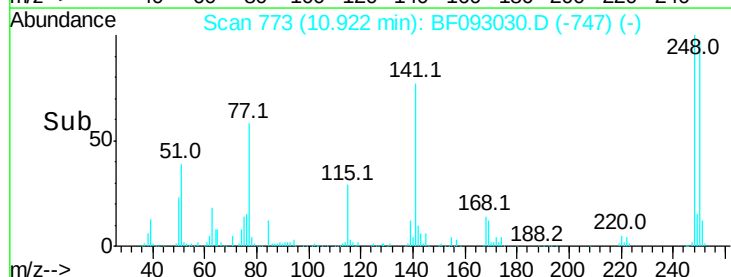
141 77.5 68.2 102.4

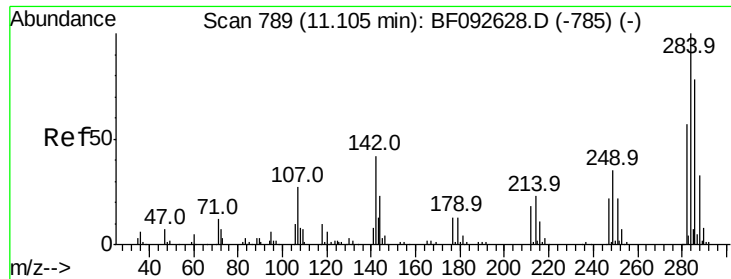


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.66 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

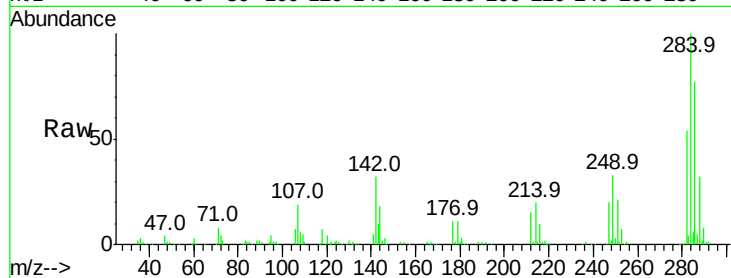
Tot Ion:284 Resp: 257733

Ion Ratio Lower Upper

284 100

142 32.2 22.6 33.8

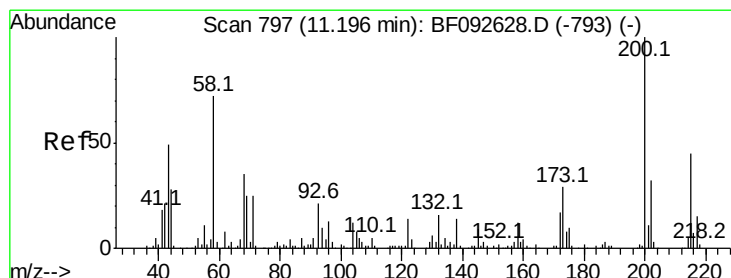
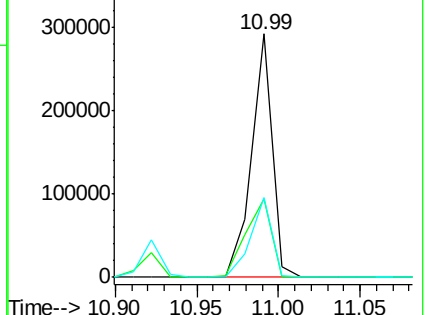
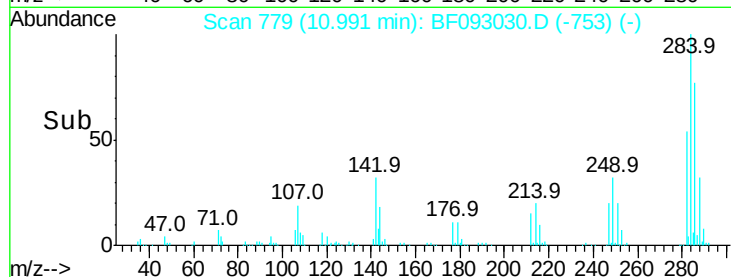
249 32.6 25.4 38.0



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: 38.07 ng

RT: 11.08 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

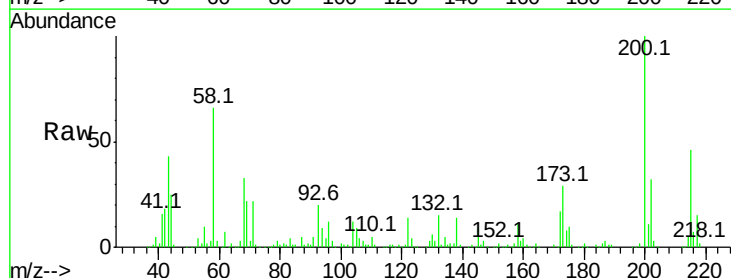
Tgt Ion:200 Resp: 245646

Ion Ratio Lower Upper

200 100

173 28.6 9.6 49.6

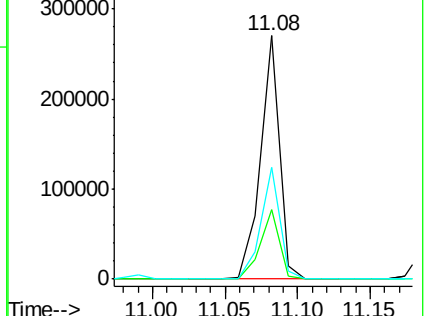
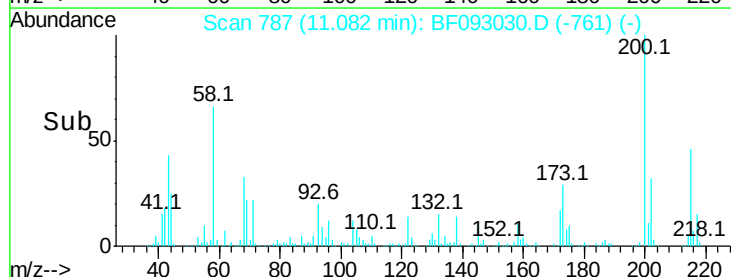
215 46.0 25.7 65.7

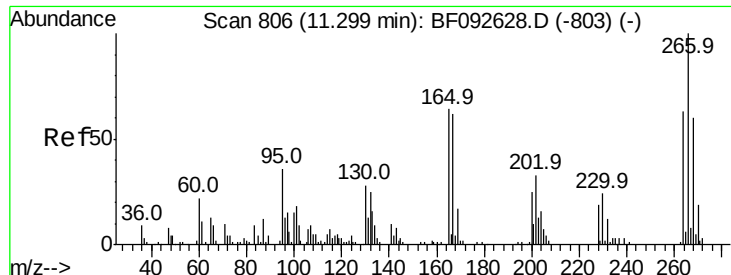


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

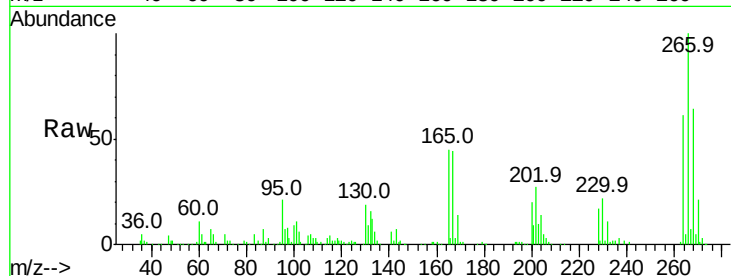




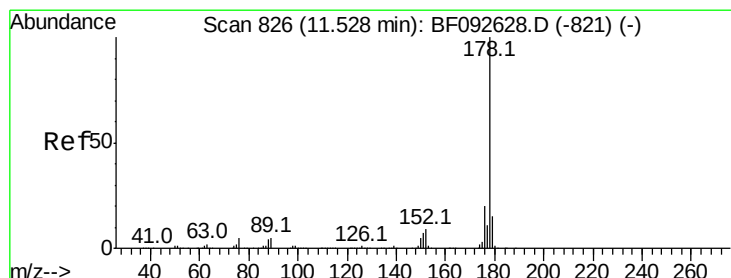
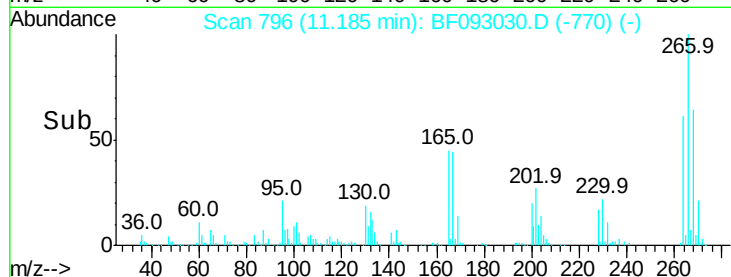
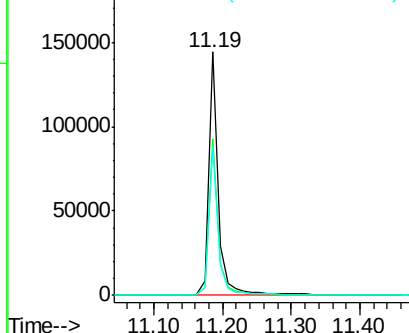
#69
 Pentachlorophenol
 Concen: 45.41 ng
 RT: 11.19 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	53.3	79.9
264	61.0	50.3	75.5

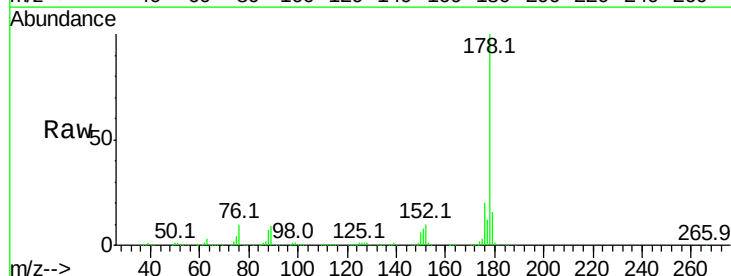


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

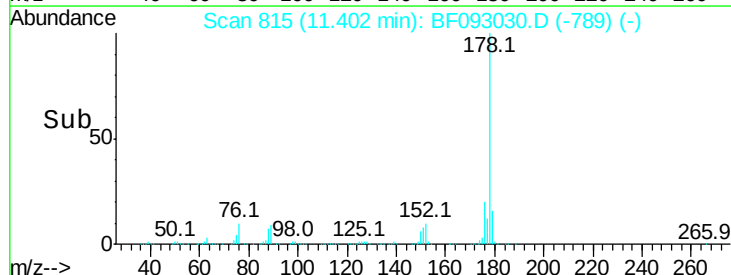
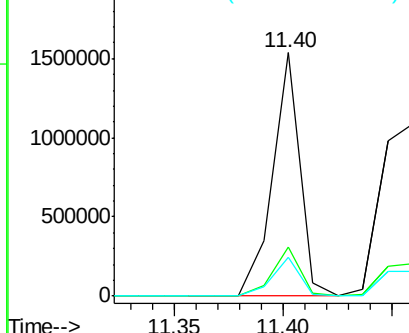


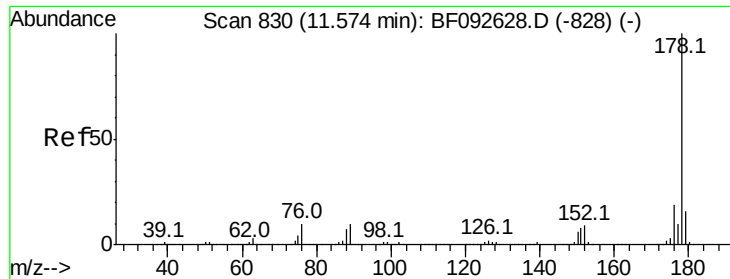
#70
 Phenanthrene
 Concen: 37.52 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.7	12.8	19.2



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

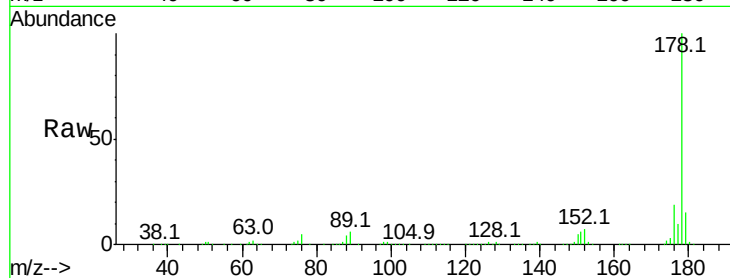




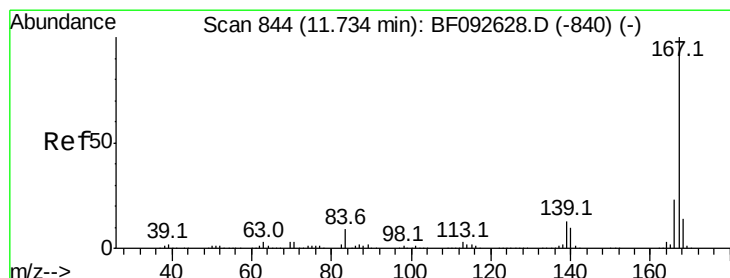
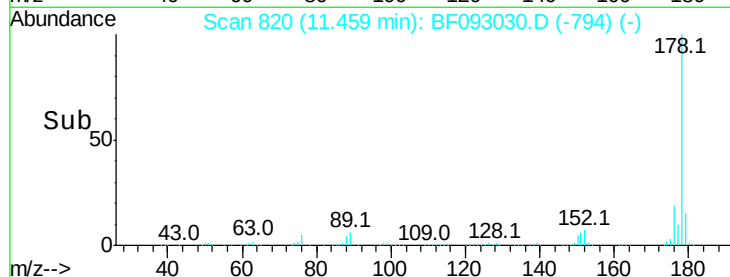
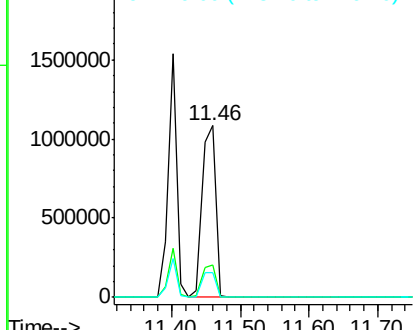
#71
 Anthracene
 Concen: 40.30 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1459676
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.9 23.9
 179 14.7 13.2 19.8

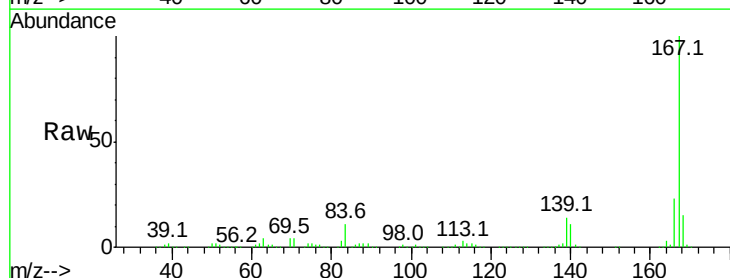


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

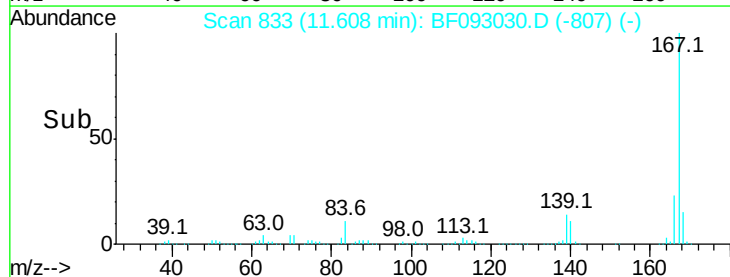
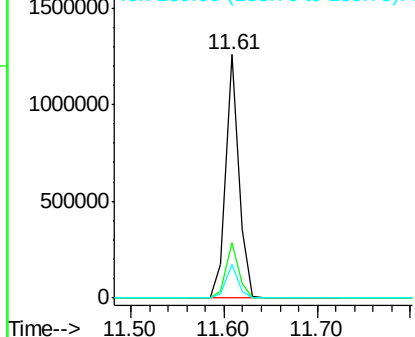


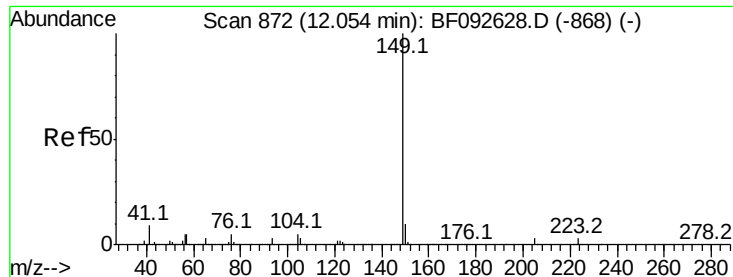
#72
 Carbazole
 Concen: 35.82 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion:167 Resp: 1239967
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 13.8 11.4 17.2



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





#73

Di-n-butylphthalate

Concen: 42.57 ng

RT: 11.94 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

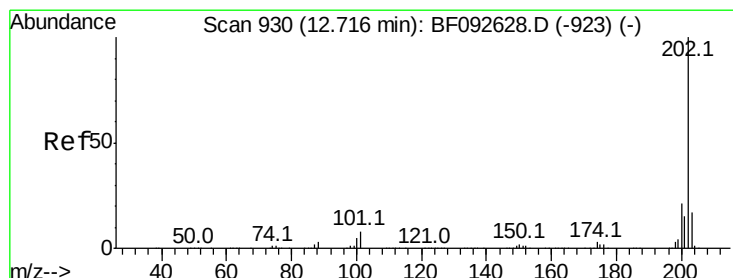
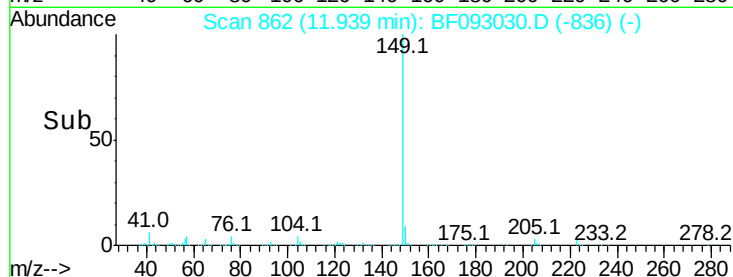
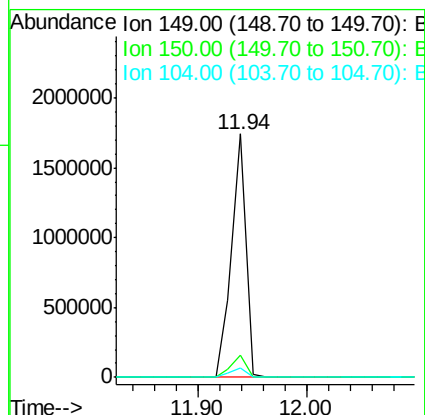
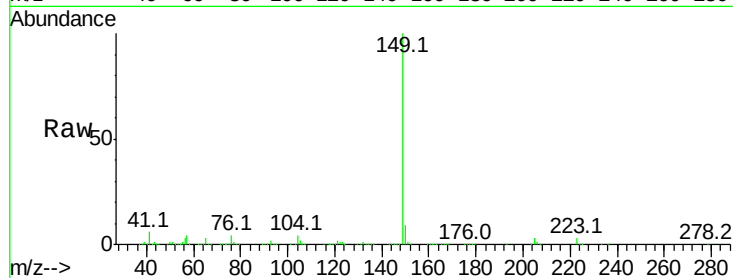
Tot Ion:149 Resp: 1593833

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

104 4.0 4.6 7.0#



#74

Fluoranthene

Concen: 40.44 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

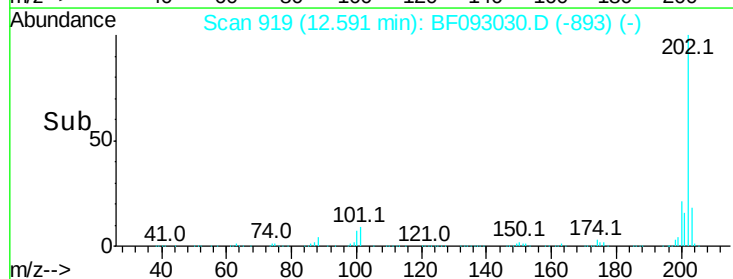
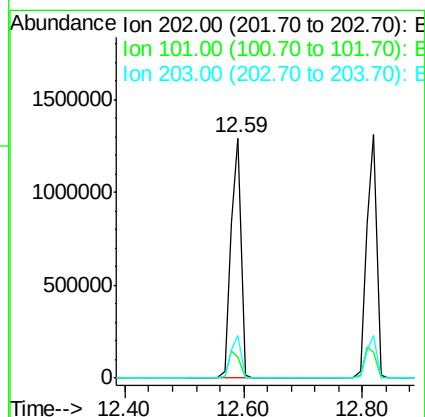
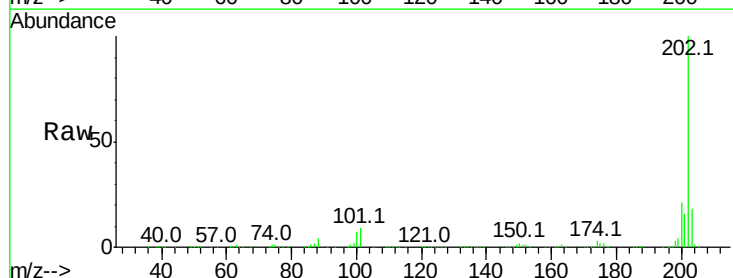
Tgt Ion:202 Resp: 1504336

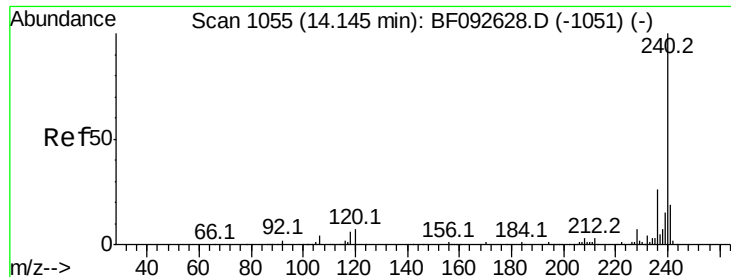
Ion Ratio Lower Upper

202 100

101 8.9 0.0 34.6

203 17.6 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

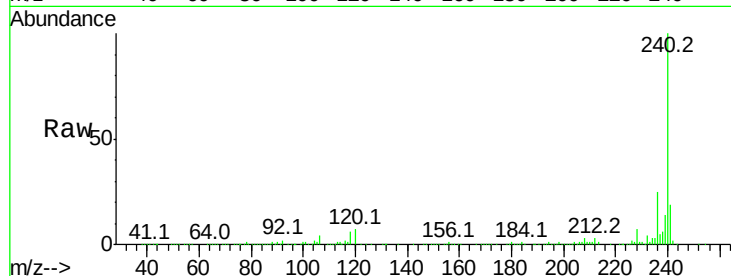
Tot Ion:240 Resp: 478110

Ion Ratio Lower Upper

240 100

120 7.0 12.9 19.3#

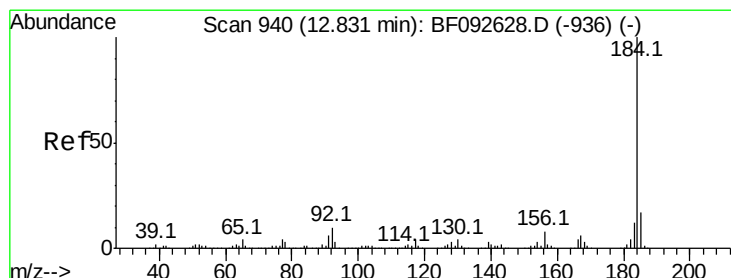
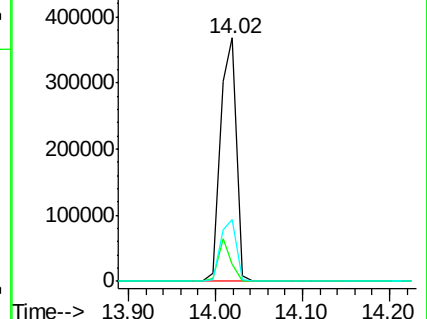
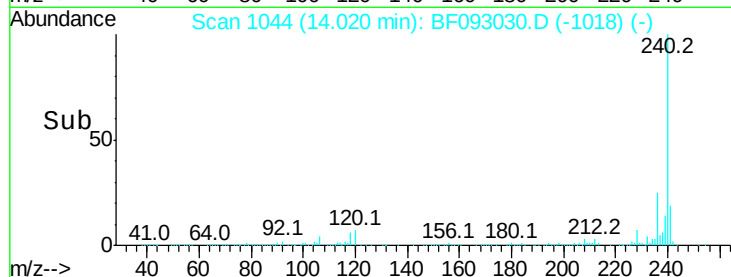
236 25.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.23 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

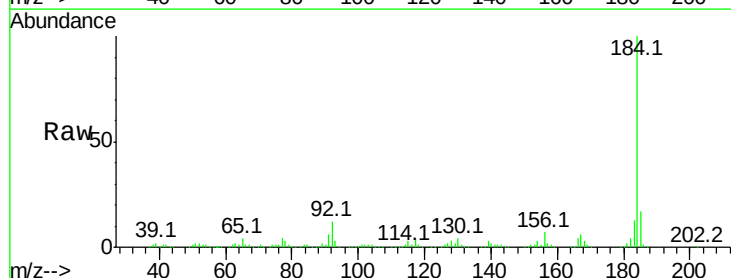
Tgt Ion:184 Resp: 656635

Ion Ratio Lower Upper

184 100

185 16.7 13.4 20.0

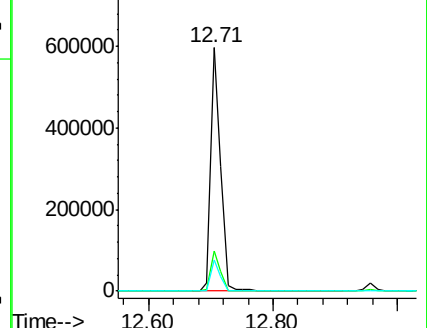
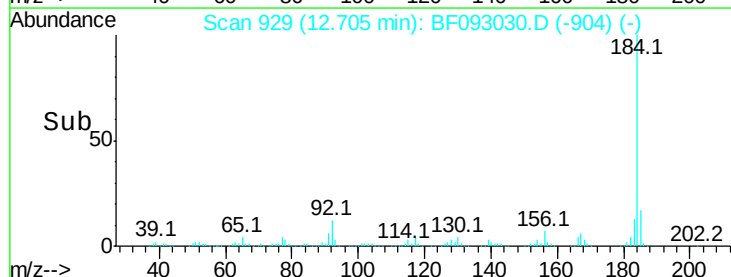
183 12.6 9.2 13.8

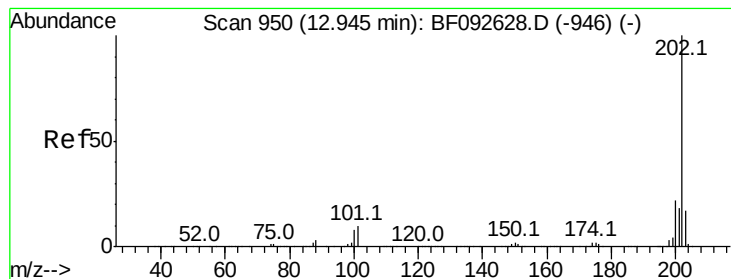


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.21 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

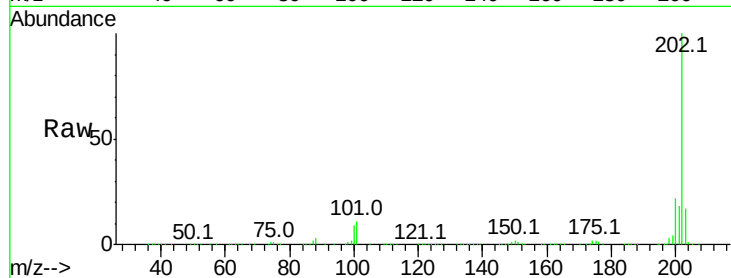
Tot Ion:202 Resp: 1510149

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

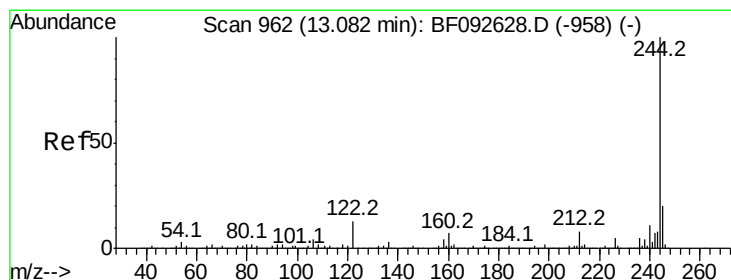
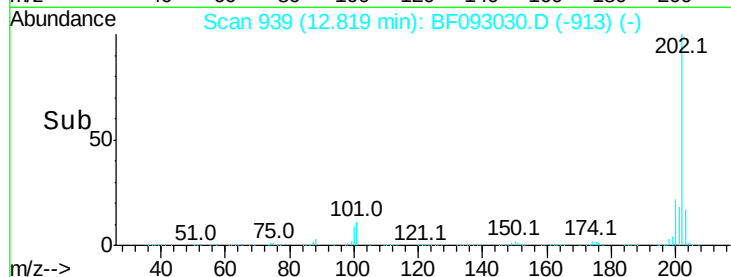
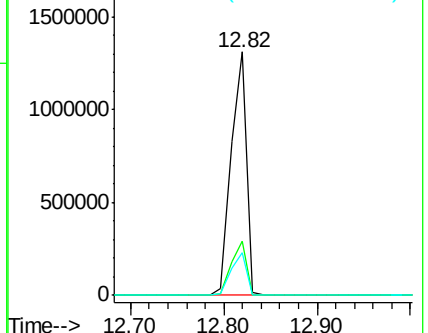
203 17.5 14.7 22.1



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: 73.94 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093030.D

Acq: 20 Feb 2017 16:02

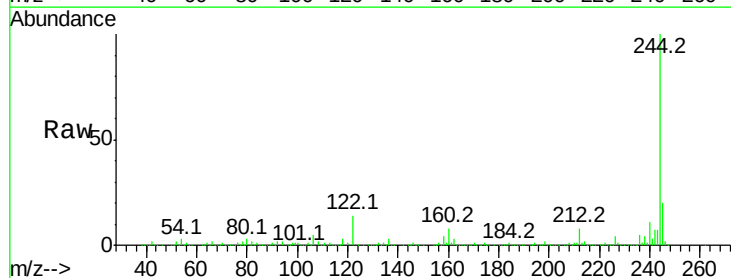
Tgt Ion:244 Resp: 1504457

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

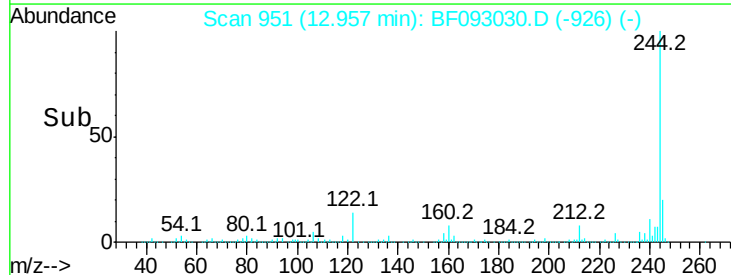
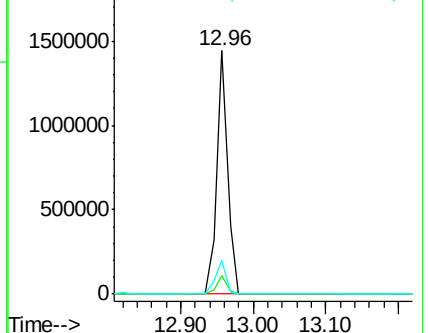
122 13.8 11.4 17.2

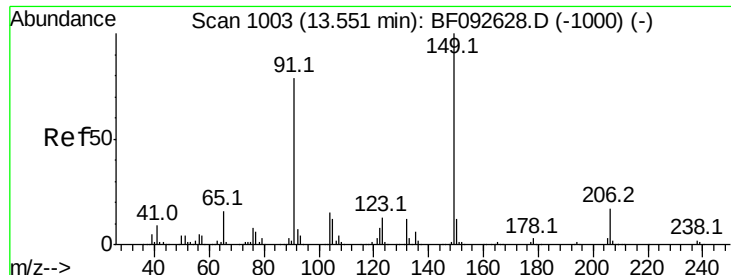


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

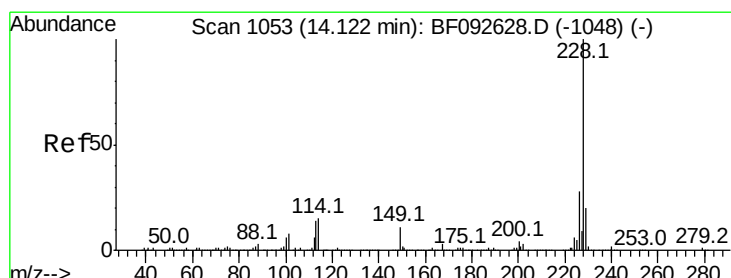
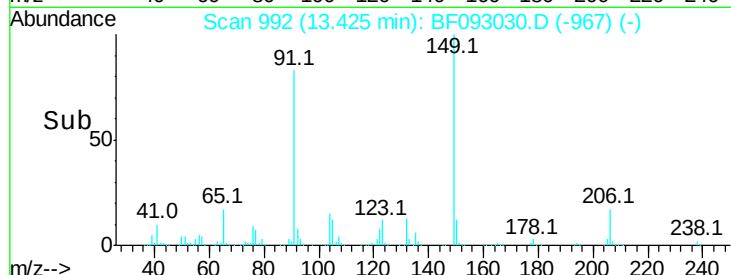
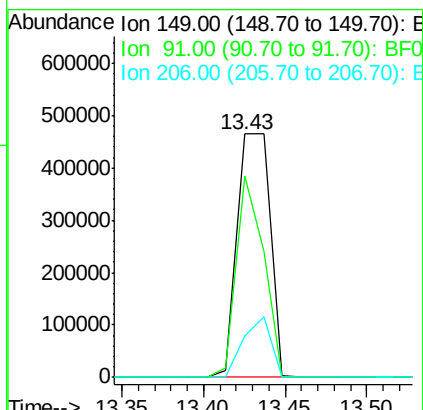
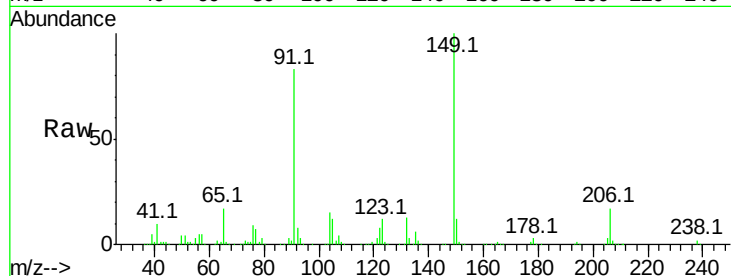




#79
 Butylbenzylphthalate
 Concen: 44.69 ng
 RT: 13.43 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

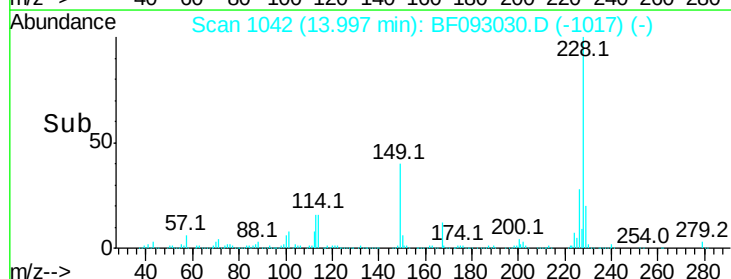
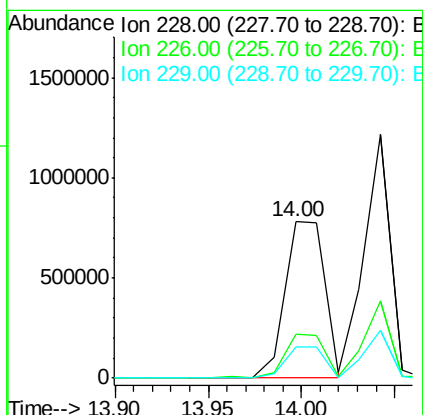
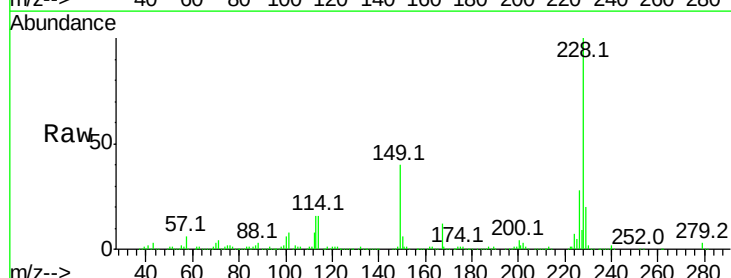
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

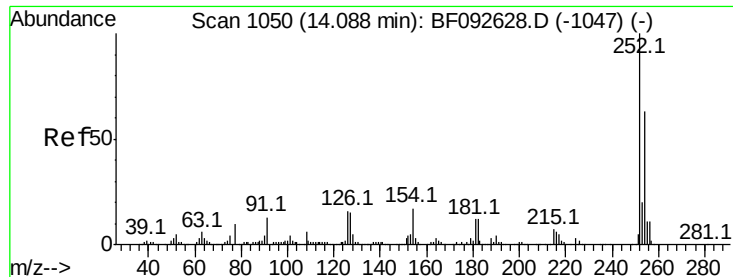
Tot Ion:	149	Resp:	649380
Ion	Ratio	Lower	Upper
149	100		
91	82.8	63.9	95.9
206	17.0	14.6	21.8



#80
 Benzo(a)anthracene
 Concen: 39.61 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion:	228	Resp:	1158156
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	19.9	16.2	24.4

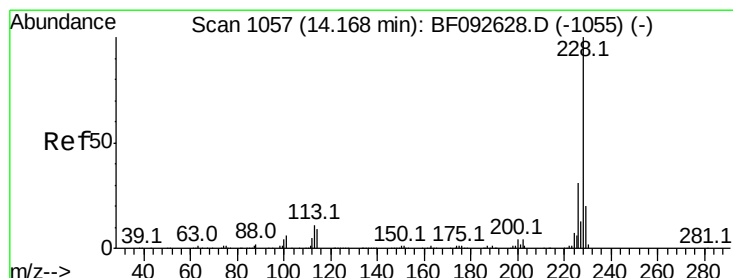
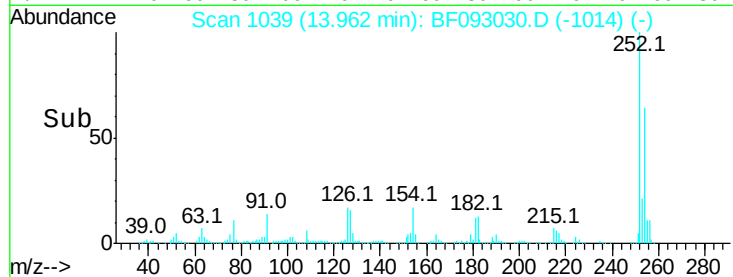
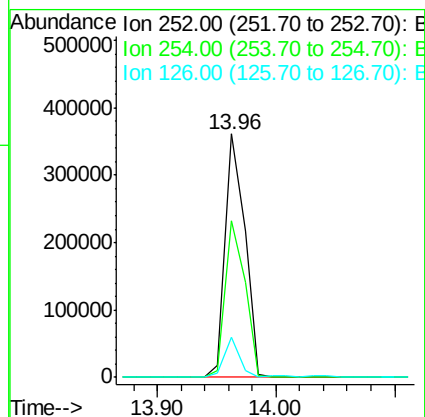
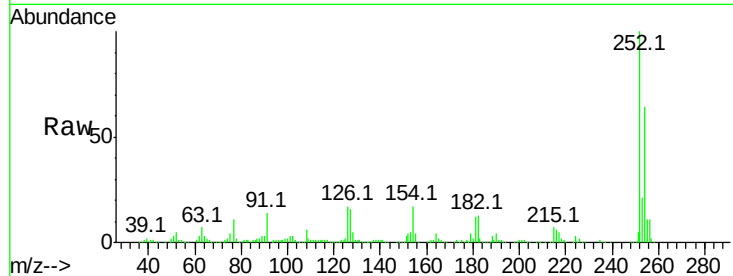




#81
 3,3'-Dichlorobenzidine
 Concen: 39.66 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

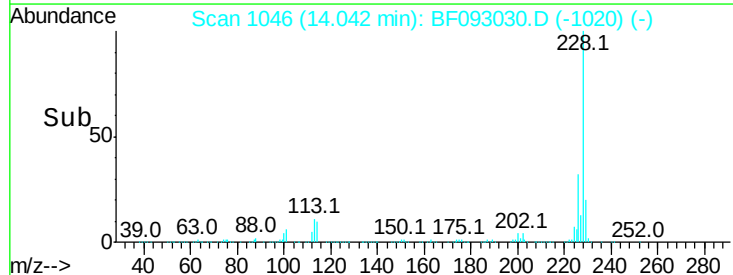
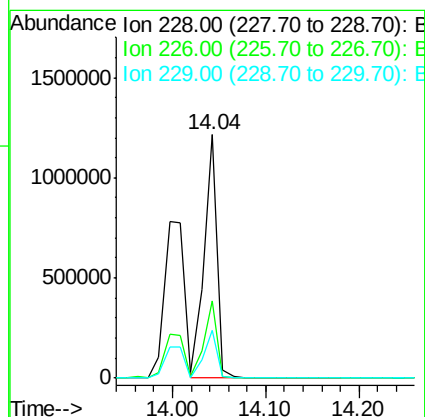
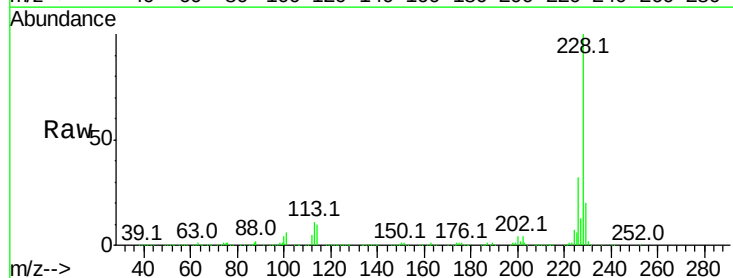
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

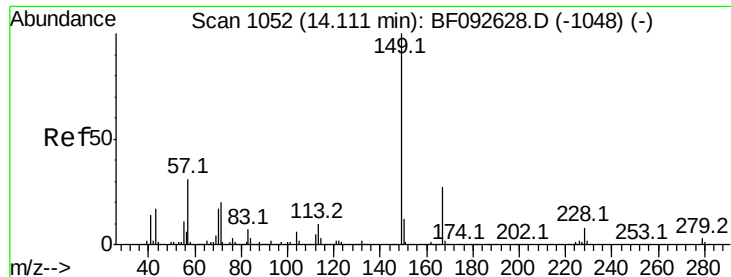
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.3	78.5
126	16.6	13.6	20.4



#82
 Chrysene
 Concen: 42.97 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	19.8	16.2	24.2

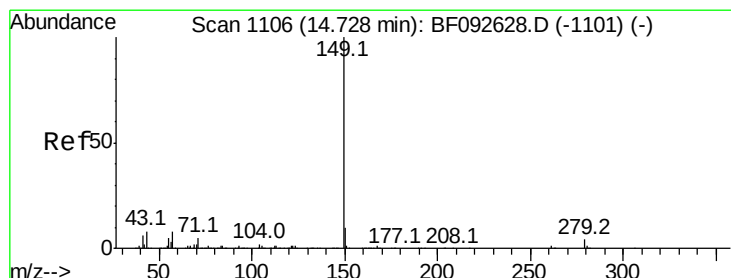
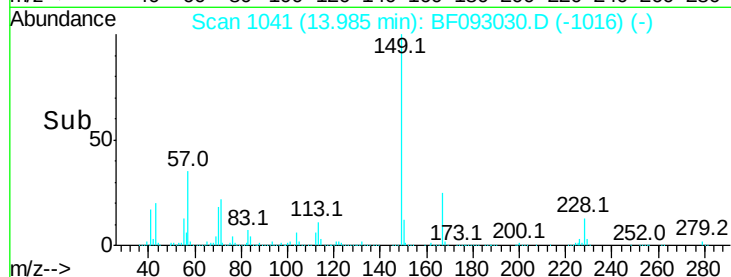
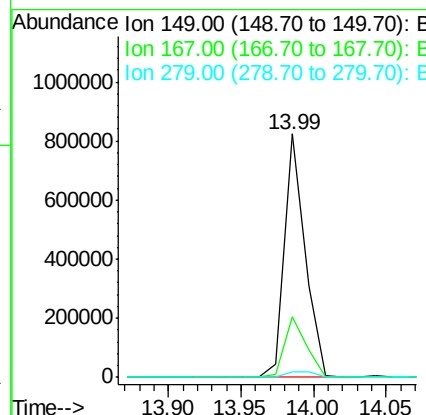
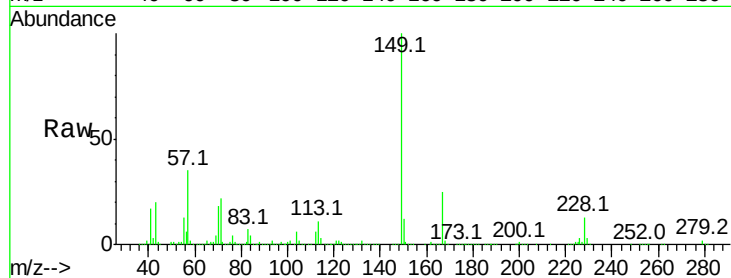




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.94 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

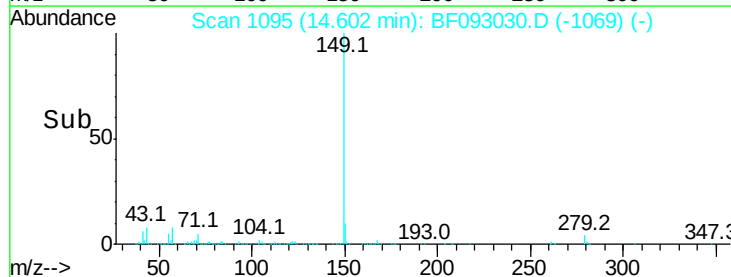
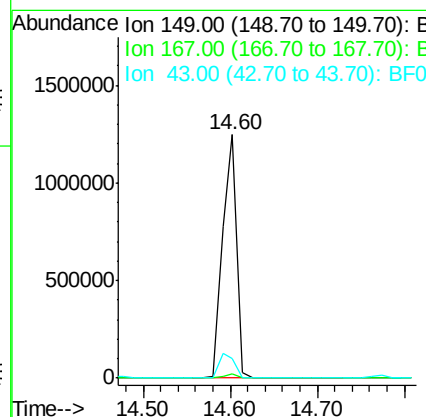
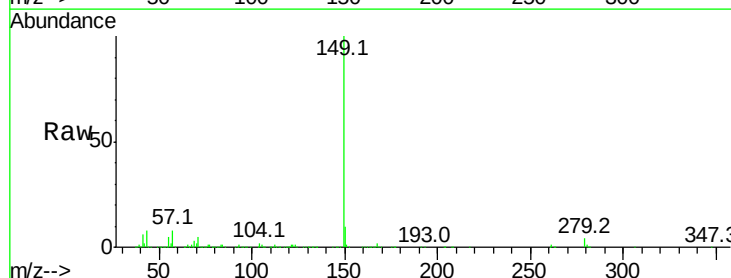
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

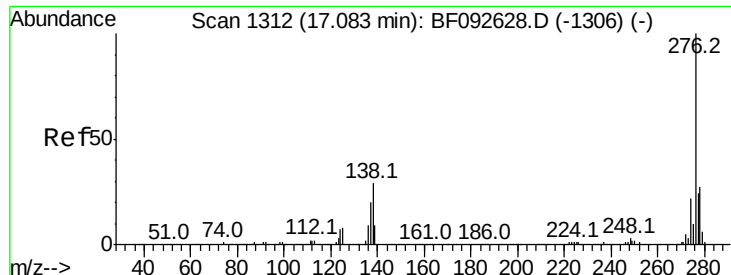
Tot Ion:149 Resp: 813595
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.2 30.4
 279 2.2 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 43.95 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion:149 Resp: 1421998
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.3 8.9 13.3

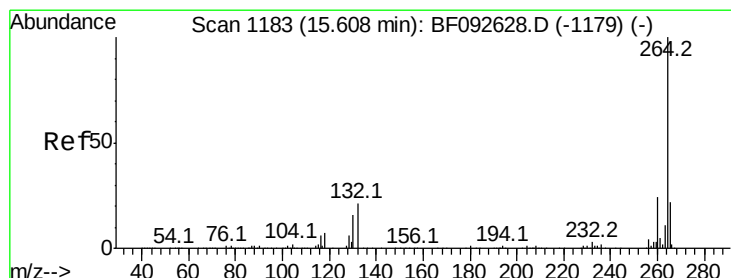
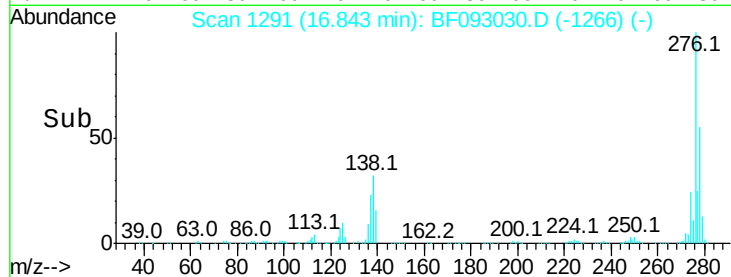
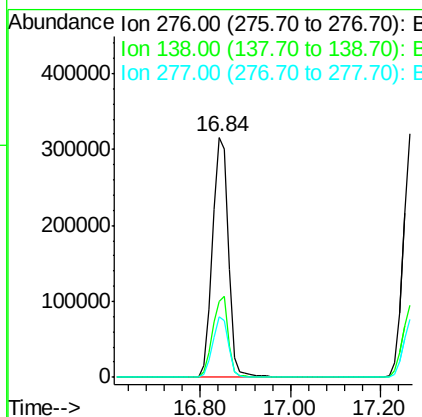
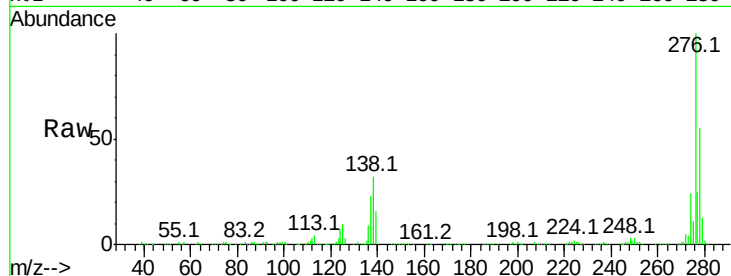




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.11 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

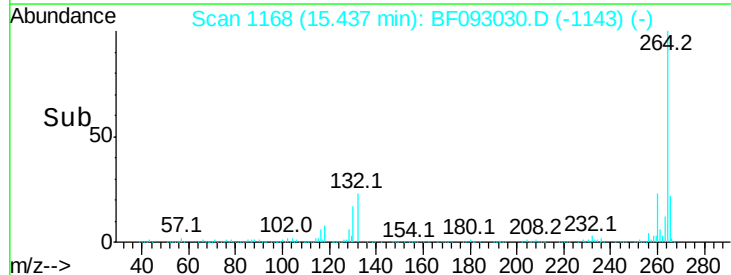
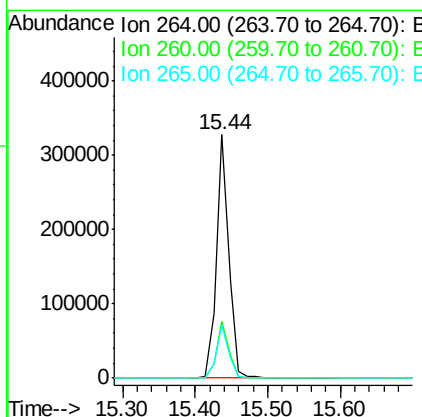
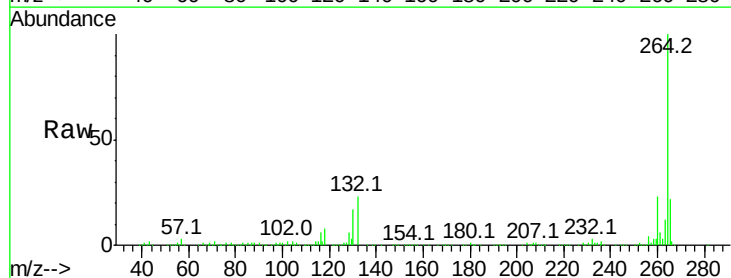
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

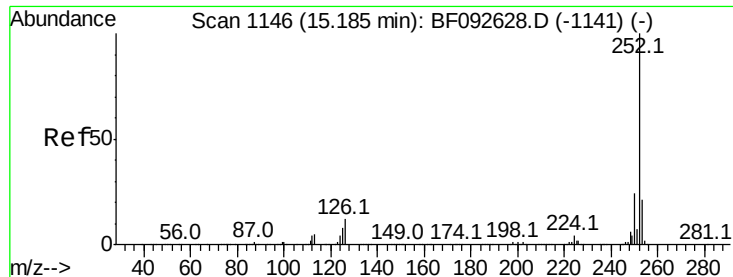
Tot Ion:276 Resp: 787009
 Ion Ratio Lower Upper
 276 100
 138 33.0 21.8 32.6#
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Tgt Ion:264 Resp: 385442
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.7 17.4 26.0

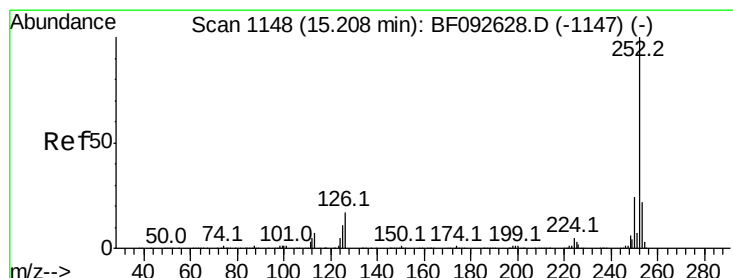
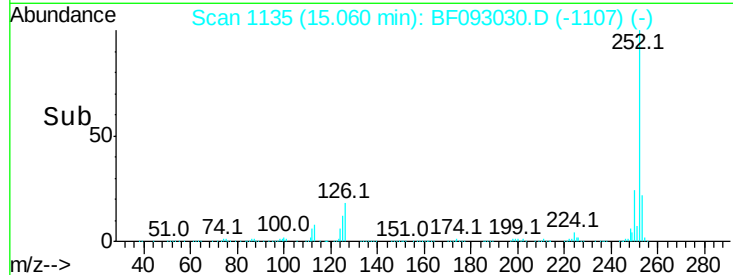
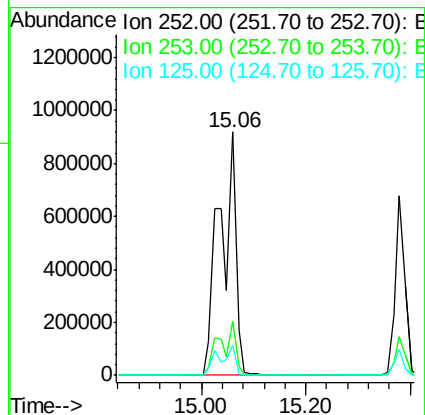
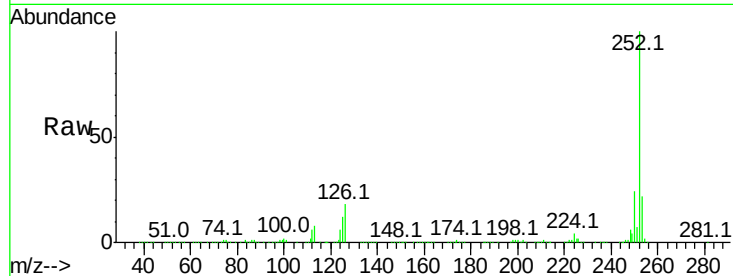




#87
Benzo(b)fluoranthene
Concen: 76.92 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.02 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

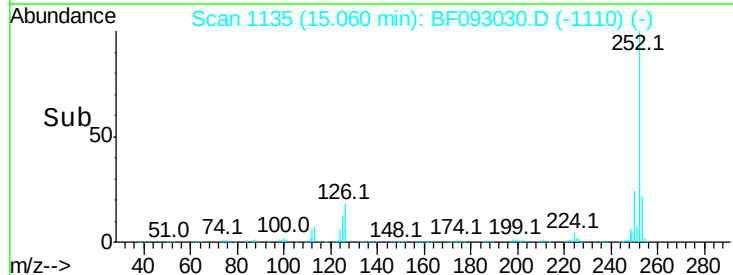
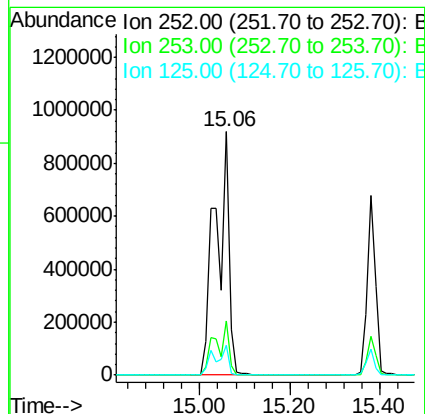
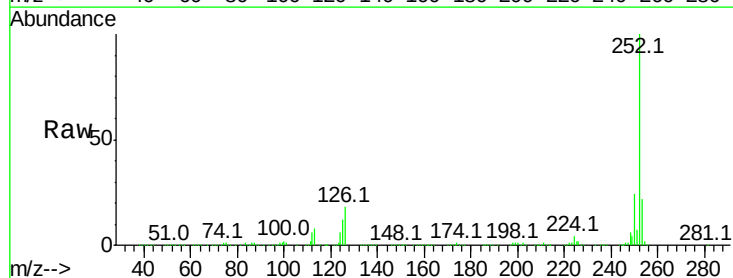
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

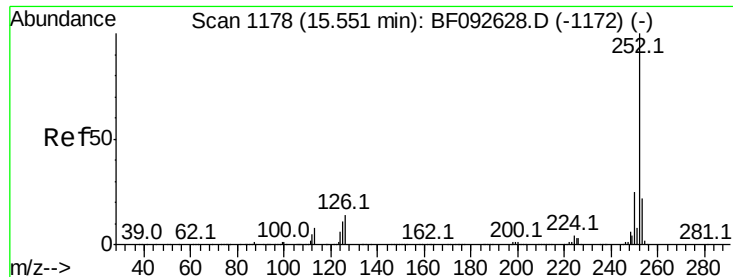
Tot Ion:252 Resp: 1951327
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 12.5 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 89.15 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion:252 Resp: 1952726
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 12.5 8.9 13.3

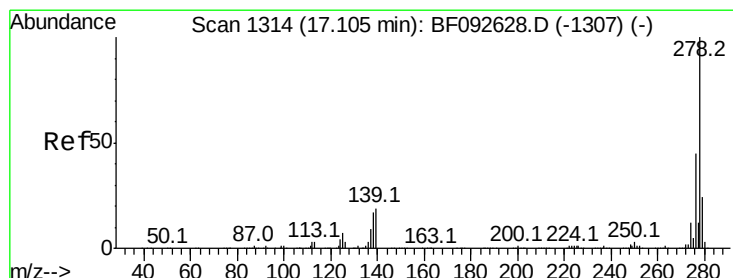
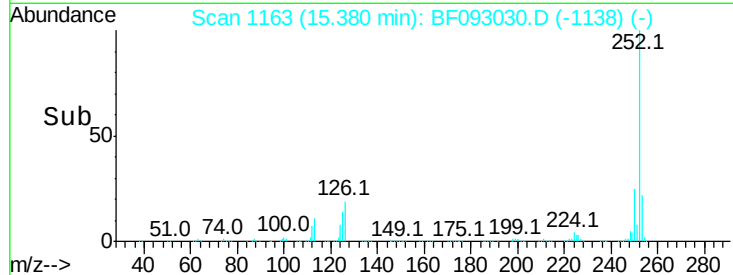
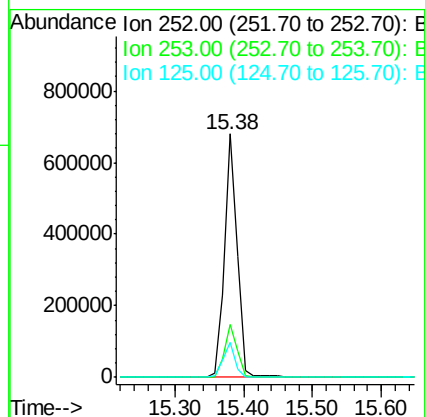
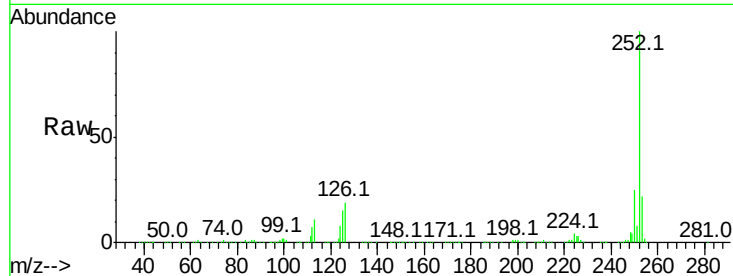




#89
Benzo(a)pyrene
Concen: 40.51 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

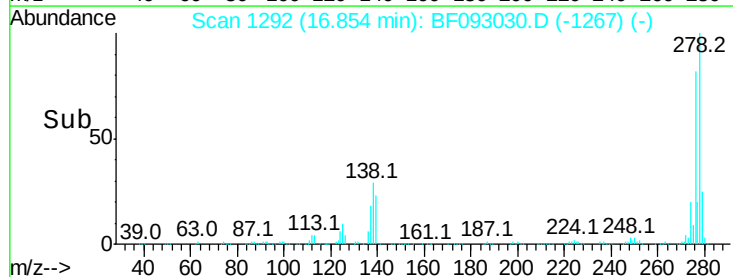
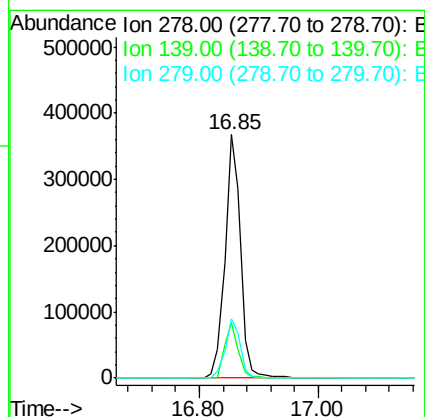
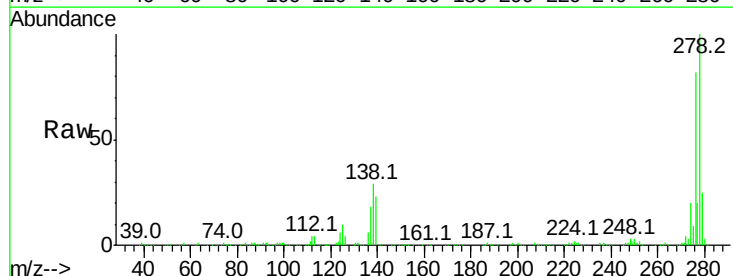
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

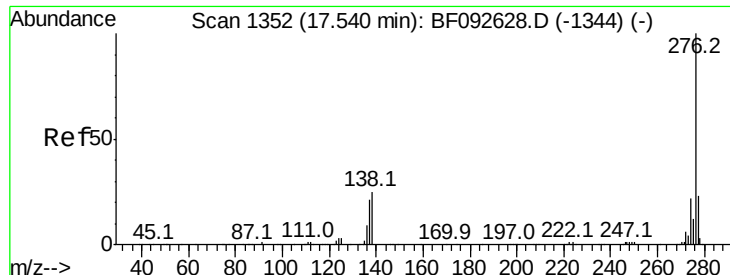
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	14.6	10.0	15.0



#90
Dibenzo(a,h)anthracene
Concen: 37.53 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF093030.D
Acq: 20 Feb 2017 16:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	14.8	22.2#
279	24.6	19.8	29.6

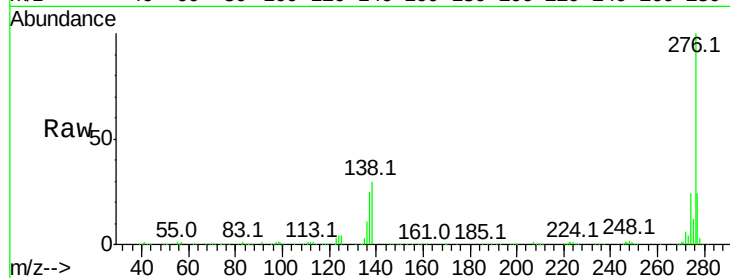




#91
 Benzo(a,h,i)perylene
 Concen: 37.90 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF093030.D
 Acq: 20 Feb 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 679002
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.2 28.8
 138 29.9 16.0 24.0#



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

