

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093691.D
 Acq On : 16 Mar 2017 4:12
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 16 04:38:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	142538	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	545459	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	203645	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	294811	20.00	ng	0.00
75) Chrysene-d12	13.89	240	307366	20.00	ng	0.00
86) Perylene-d12	15.29	264	266175	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	723195	84.44	ng	-0.01
7) Phenol-d6	6.38	99	872831	80.82	ng	0.00
23) Nitrobenzene-d5	7.29	82	865877	88.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	105056	79.18	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1104837	100.91	ng	0.00
78) Terphenyl-d14	12.82	244	852958	72.15	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.16	88	223808	47.44	ng	# 86
3) Pyridine	2.85	79	498659	41.46	ng	86
4) n-Nitrosodimethylamine	2.81	42	250493	43.60	ng	84
6) Aniline	6.38	93	614828	41.48	ng	# 63
8) 2-Chlorophenol	6.50	128	388843	40.52	ng	99
9) Benzaldehyde	6.26	77	260273	38.99	ng	99
10) Phenol	6.39	94	585253	44.22	ng	82
11) bis(2-Chloroethyl)ether	6.45	93	485721	45.41	ng	92
12) 1,3-Dichlorobenzene	6.88	146	401886	36.59	ng	97
13) 1,4-Dichlorobenzene	6.72	146	475397	42.28	ng	99
14) 1,2-Dichlorobenzene	6.88	146	415795	41.75	ng	95
15) Benzyl Alcohol	6.87	79	233375	30.31	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.00	45	808270	45.49	ng	59
17) 2-Methylphenol	7.00	107	336999	41.52	ng	# 81
18) Hexachloroethane	7.21	117	143423	37.82	ng	94
19) n-Nitroso-di-n-propylamine	7.13	70	294470	39.66	ng	# 87
20) 3+4-Methylphenols	7.17	107	475395	45.16	ng	# 73
22) Acetophenone	7.13	105	570289	43.45	ng	# 97
24) Nitrobenzene	7.30	77	461716	41.79	ng	96
25) Isophorone	7.54	82	773843	39.03	ng	94
26) 2-Nitrophenol	7.62	139	180431	35.79	ng	93
27) 2,4-Dimethylphenol	7.68	122	311668	38.01	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	530187	42.36	ng	100
29) 2,4-Dichlorophenol	7.89	162	306159	39.69	ng	92
30) 1,2,4-Trichlorobenzene	7.94	180	324259	39.52	ng	96
31) Naphthalene	8.02	128	1074876	39.32	ng	99
32) Benzoic acid	7.83	122	60687	14.24	ng	91
33) 4-Chloroaniline	8.09	127	405396	36.55	ng	98
34) Hexachlorobutadiene	8.14	225	175708	41.58	ng	98
35) Caprolactam	8.46	113	81846	31.06	ng	# 23
36) 4-Chloro-3-methylphenol	8.60	107	290644	35.30	ng	# 88
37) 2-Methylnaphthalene	8.72	142	636857	36.62	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	278014	50.00	ng	99
40) Hexachlorocyclopentadiene	8.87	237	2273	13.46	ng	92

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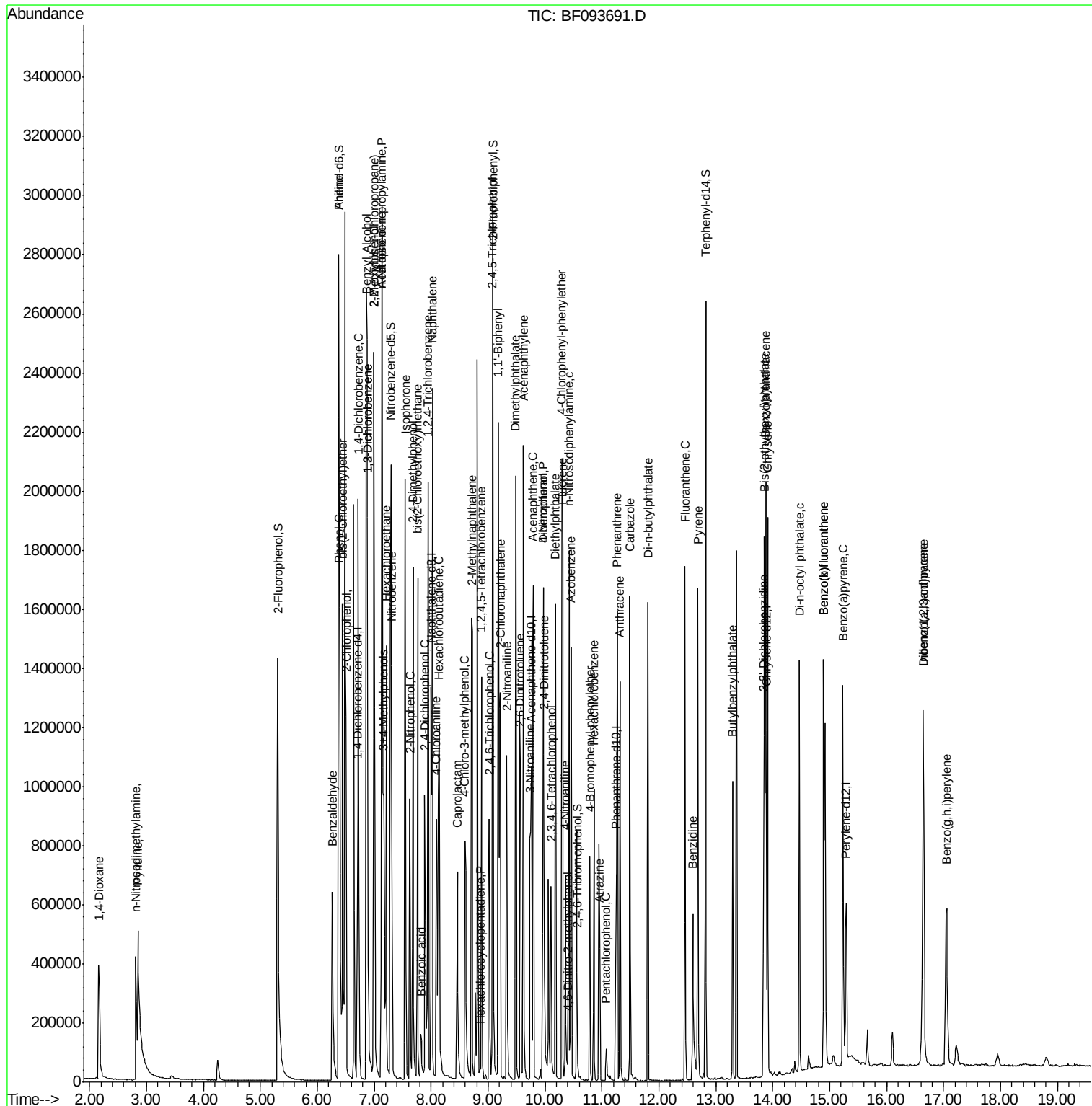
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	155341	44.71	nq	94
43) 2,4,5-Trichlorophenol	9.08	196	155717	41.77	nq	95
45) 1,1'-Biphenyl	9.18	154	709550	47.83	nq	95
46) 2-Chloronaphthalene	9.21	162	559358	49.26	nq	96
47) 2-Nitroaniline	9.33	65	205478	51.19	nq	95
48) Acenaphthylene	9.62	152	884841	47.25	nq	98
49) Dimethylphthalate	9.49	163	617242	45.72	nq	99
50) 2,6-Dinitrotoluene	9.57	165	132411	44.70	nq	93
51) Acenaphthene	9.80	154	501242	45.26	nq	97
52) 3-Nitroaniline	9.74	138	156581	43.99	nq	90
54) Dibenzofuran	9.97	168	685362	49.44	nq	92
55) 4-Nitrophenol	9.97	139	318546	184.27	nq	# 5
56) 2,4-Dinitrotoluene	9.98	165	163143	44.83	nq	97
57) Fluorene	10.31	166	523800	44.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	107310	40.79	nq	# 90
59) Diethylphthalate	10.18	149	548261	42.49	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	239269	45.45	nq	87
61) 4-Nitroaniline	10.36	138	136726	37.56	nq	91
62) Azobenzene	10.46	77	546639	37.28	nq	96
64) 4,6-Dinitro-2-methylphenol	10.40	198	11624	6.09	nq	# 62
65) n-Nitrosodiphenylamine	10.42	169	436049	44.30	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	129750	41.62	nq	# 84
67) Hexachlorobenzene	10.86	284	129984	43.66	nq	98
68) Atrazine	10.96	200	110257	38.27	nq	91
69) Pentachlorophenol	11.08	266	22178	21.58	nq	98
70) Phenanthrene	11.27	178	667702	39.68	nq	98
71) Anthracene	11.32	178	706932	41.53	nq	97
72) Carbazole	11.49	167	690246	43.16	nq	98
73) Di-n-butylphthalate	11.81	149	797923	43.13	nq	# 96
74) Fluoranthene	12.46	202	735617	45.26	nq	95
76) Benzidine	12.60	184	376637	37.26	nq	98
77) Pyrene	12.69	202	757452	33.88	nq	99
79) Butylbenzylphthalate	13.29	149	328797	34.94	nq	96
80) Benzo(a)anthracene	13.88	228	710614	39.15	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	258325	40.63	nq	# 97
82) Chrysene	13.91	228	633797	37.74	nq	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	471350	35.94	nq	100
84) Di-n-octyl phthalate	14.47	149	882139	40.35	nq	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	535759	38.11	nq	# 93
87) Benzo(b)fluoranthene	14.89	252	1283508	79.18	nq	97
88) Benzo(k)fluoranthene	14.89	252	1284039	82.13	nq	# 96
89) Benzo(a)pyrene	15.24	252	594252	40.11	nq	99
90) Dibenzo(a,h)anthracene	16.64	278	470048	38.35	nq	97
91) Benzo(g,h,i)perylene	17.05	276	451357	35.88	nq	# 93

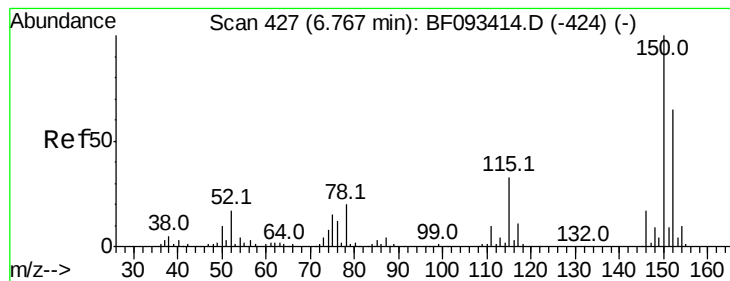
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

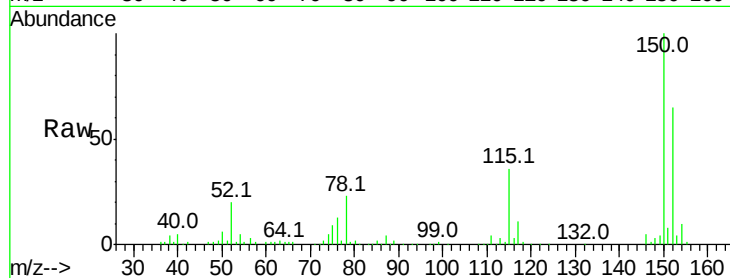
Tot Ion:152 Resp: 142538

Ion Ratio Lower Upper

152 100

150 152.8 124.9 187.3

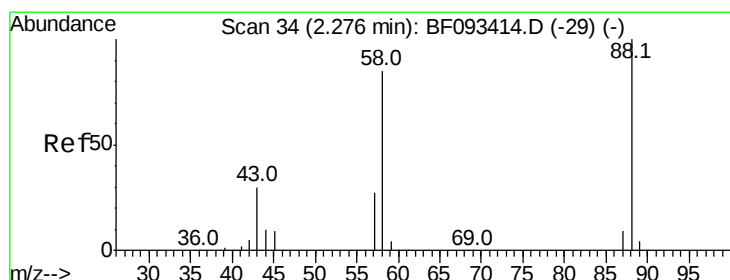
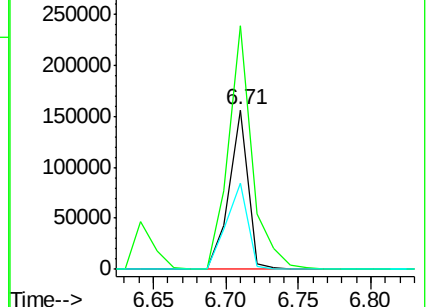
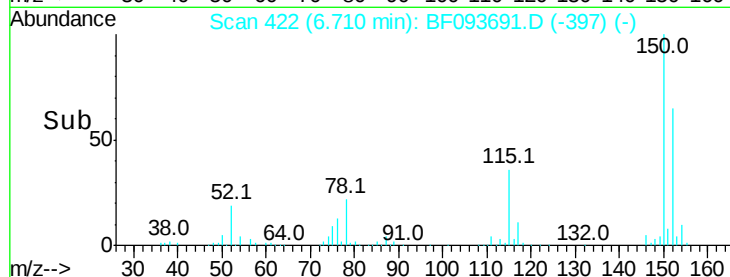
115 54.3 46.0 69.0



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: 47.44 ng

RT: 2.16 min Scan# 24

Delta R.T. -0.02 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

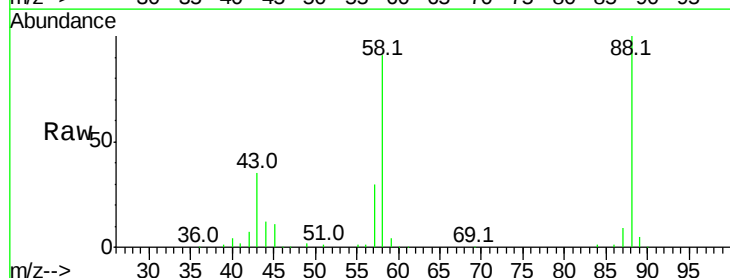
Tgt Ion: 88 Resp: 223808

Ion Ratio Lower Upper

88 100

58 87.0 57.8 86.8#

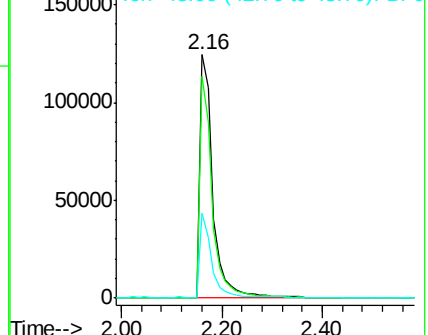
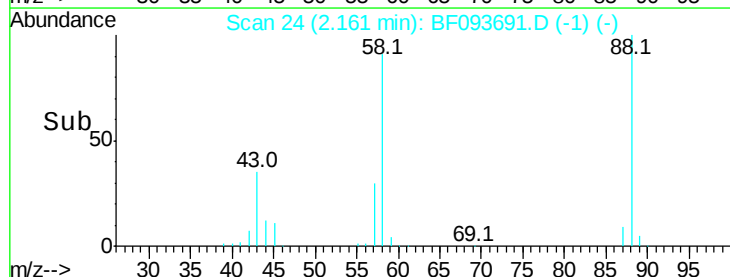
43 31.3 22.3 33.5

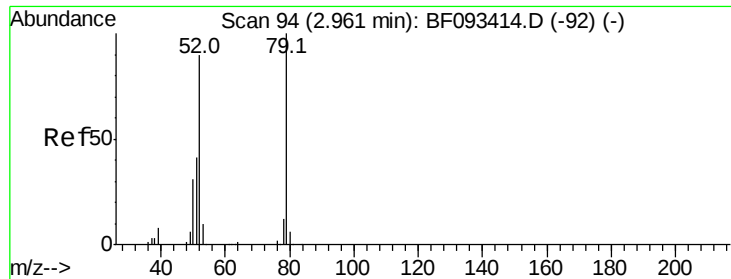


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.46 ng

RT: 2.85 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

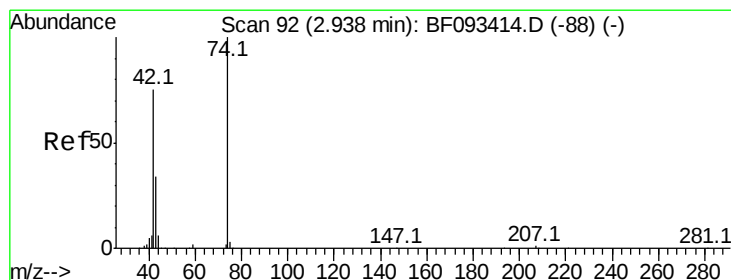
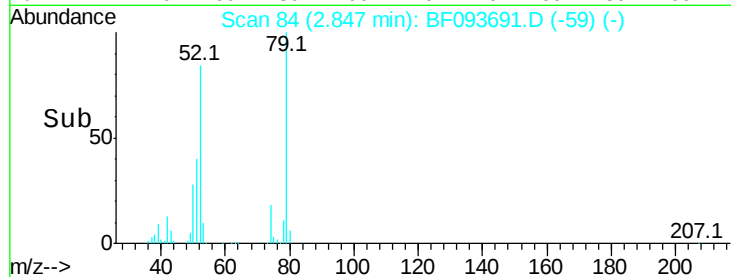
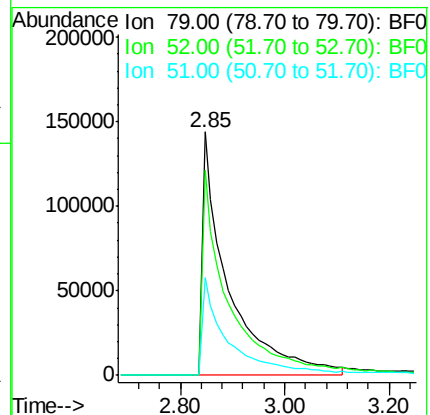
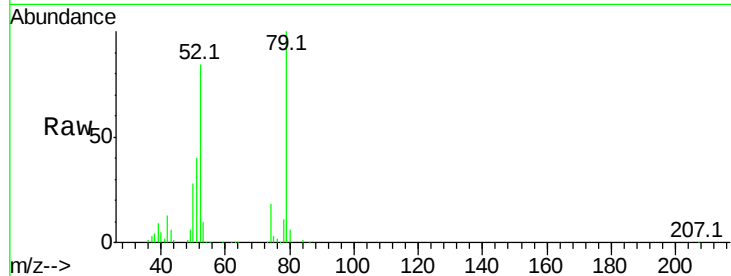
Tot Ion: 79 Resp: 498659

Ion Ratio Lower Upper

79 100

52 84.4 57.1 85.7

51 40.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 43.60 ng

RT: 2.81 min Scan# 81

Delta R.T. -0.02 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

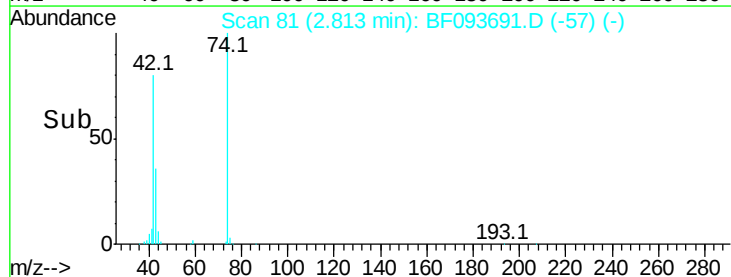
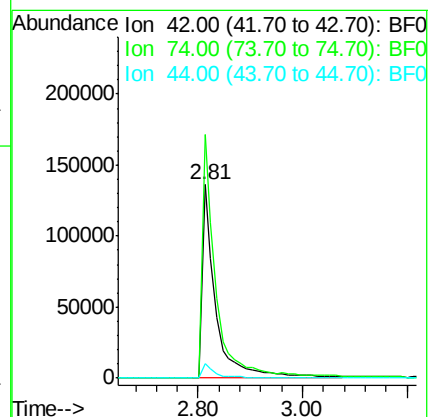
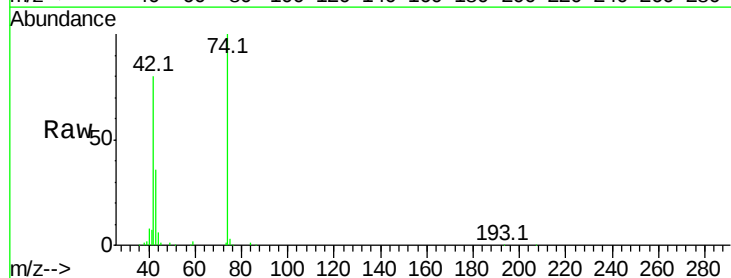
Tgt Ion: 42 Resp: 250493

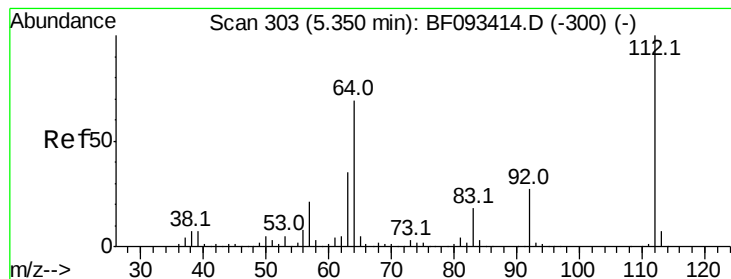
Ion Ratio Lower Upper

42 100

74 125.8 117.0 175.4

44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 84.44 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

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ClientSampleId :

SSTDCCC040

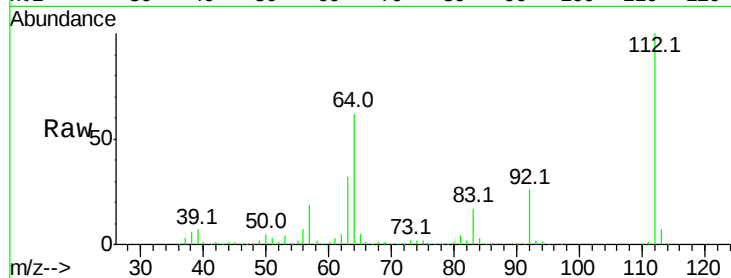
Tot Ion:112 Resp: 723195

Ion Ratio Lower Upper

112 100

64 62.5 46.1 69.1

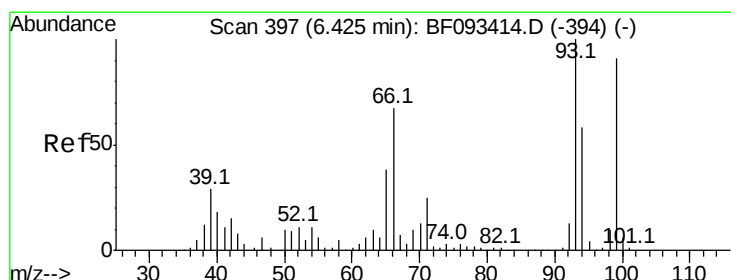
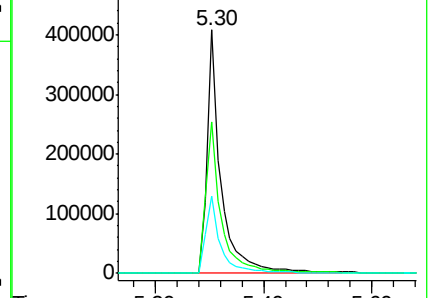
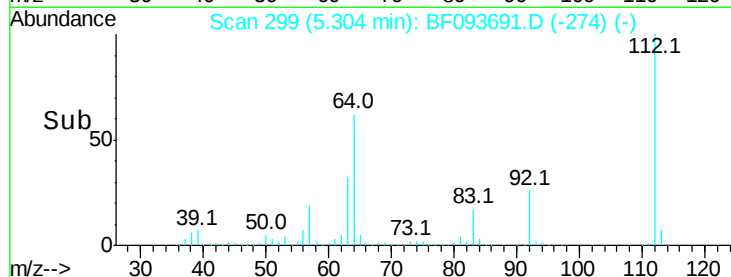
63 31.7 23.8 35.6



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: 41.48 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

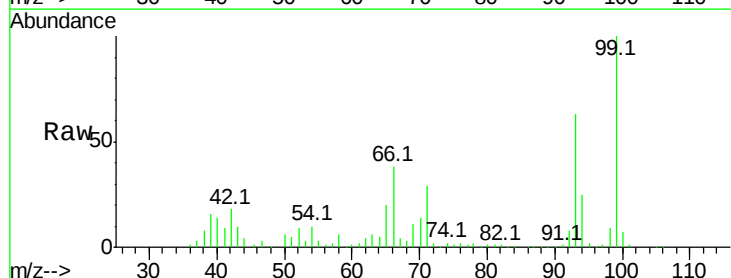
Tgt Ion: 93 Resp: 614828

Ion Ratio Lower Upper

93 100

66 60.1 76.2 114.2#

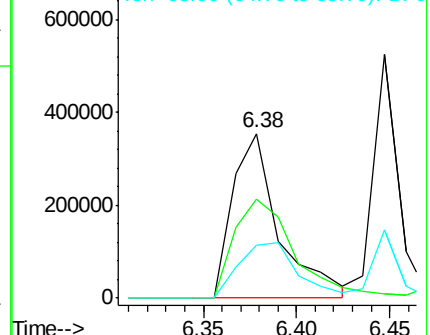
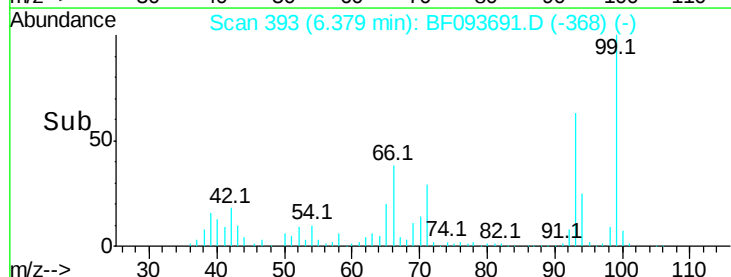
65 32.0 49.3 73.9#

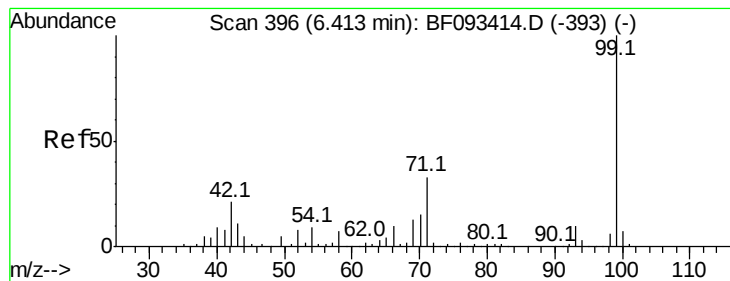


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.82 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

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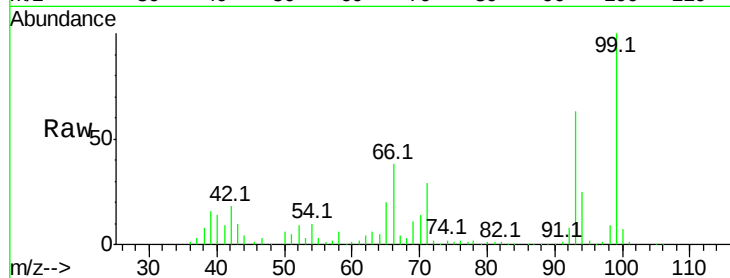
Tot Ion: 99 Resp: 872831

Ion Ratio Lower Upper

99 100

42 18.3 15.6 23.4

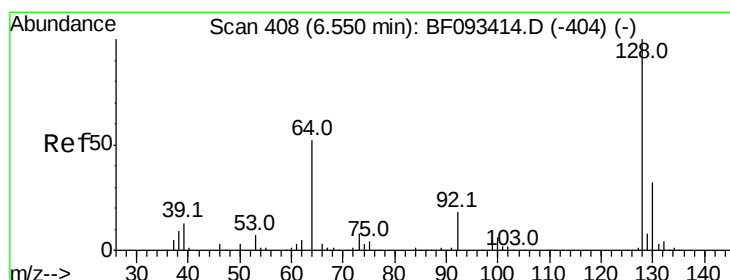
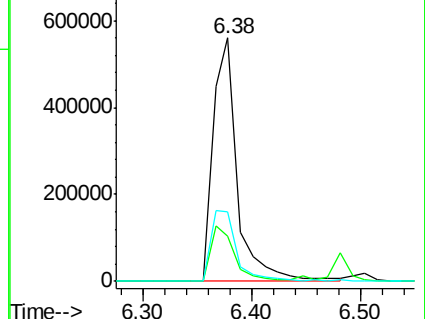
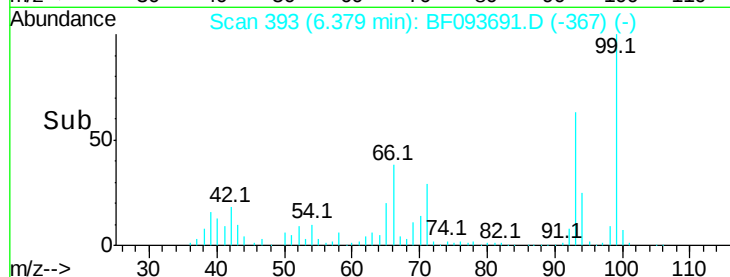
71 28.8 27.5 41.3



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: 40.52 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

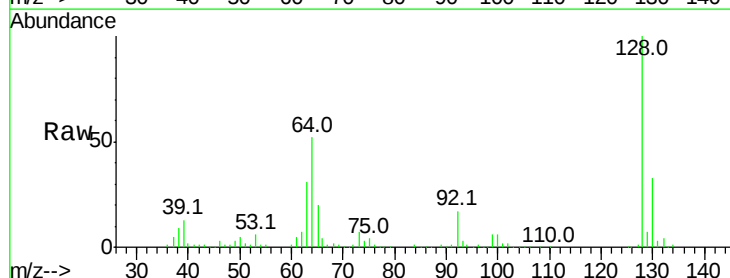
Tgt Ion: 128 Resp: 388843

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

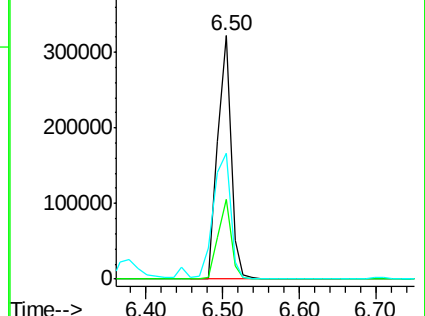
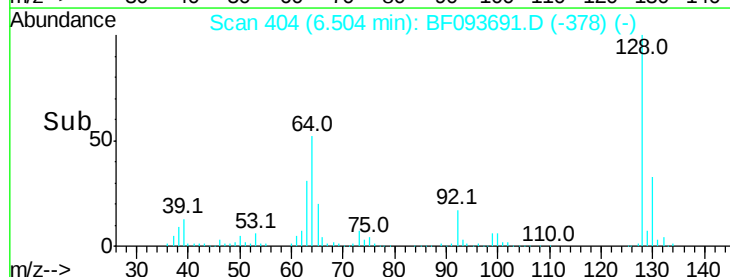
64 51.5 32.2 72.2

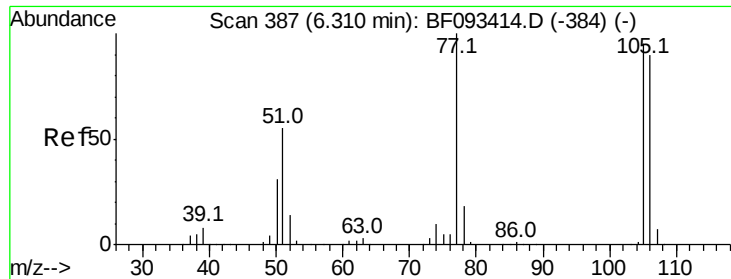


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

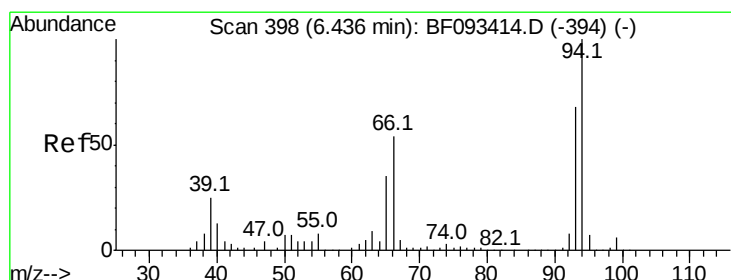
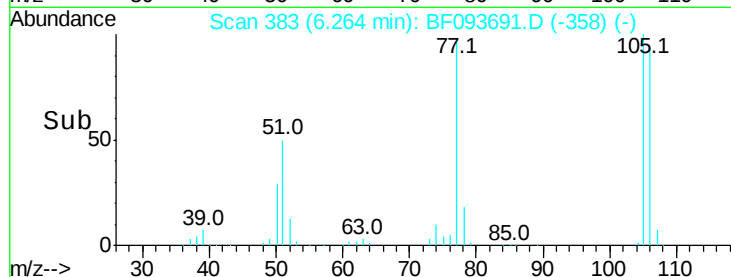
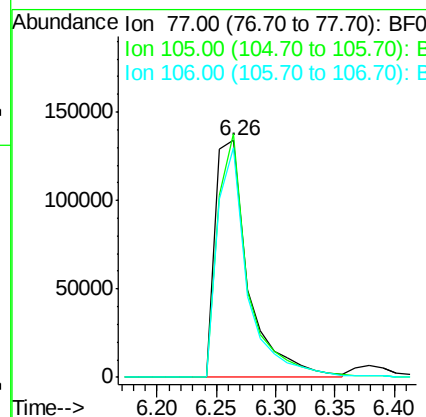
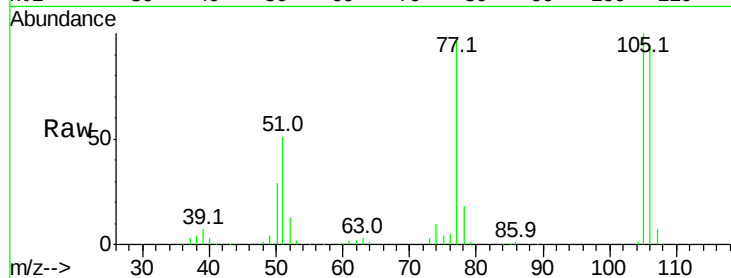




#9
Benzaldehyde
Concen: 38.99 ng
RT: 6.26 min Scan# 383
Delta R.T. -0.01 min
Lab File: BF093691.D
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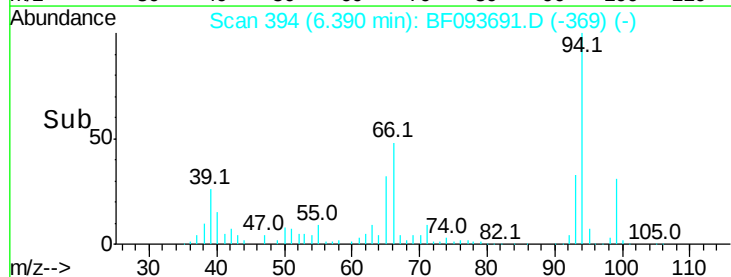
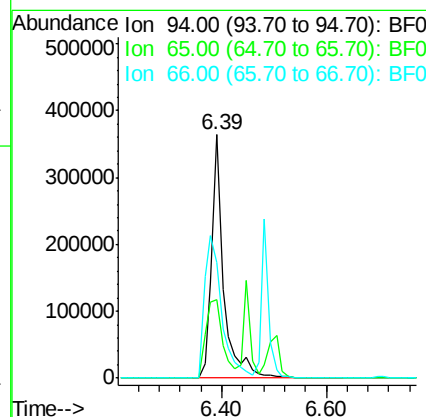
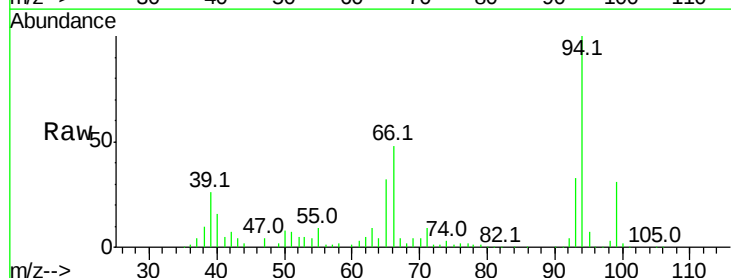
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

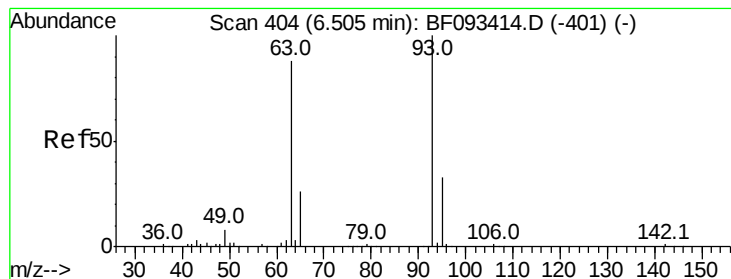
Tot Ion: 77 Resp: 260273
Ion Ratio Lower Upper
77 100
105 102.7 83.9 123.9
106 96.9 77.6 117.6



#10
Phenol
Concen: 44.22 ng
RT: 6.39 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Tgt Ion: 94 Resp: 585253
Ion Ratio Lower Upper
94 100
65 32.5 21.4 61.4
66 47.6 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 45.41 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

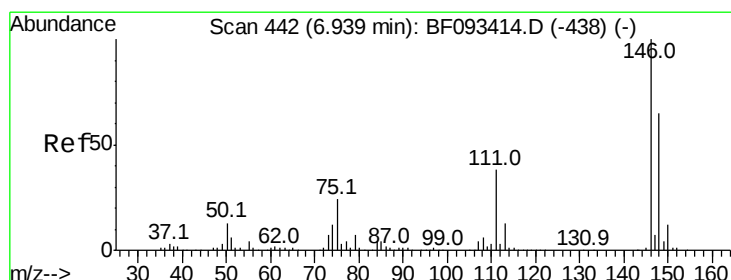
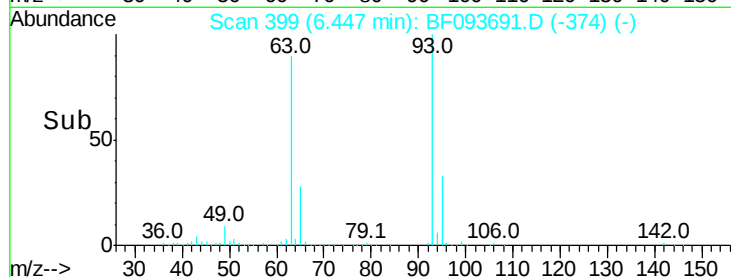
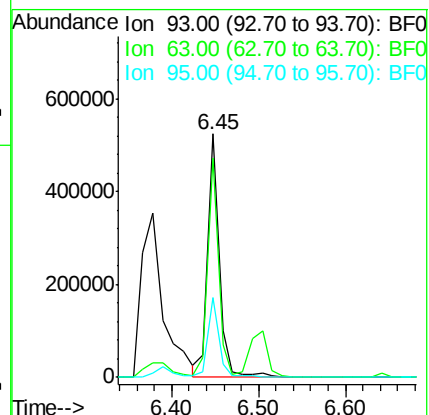
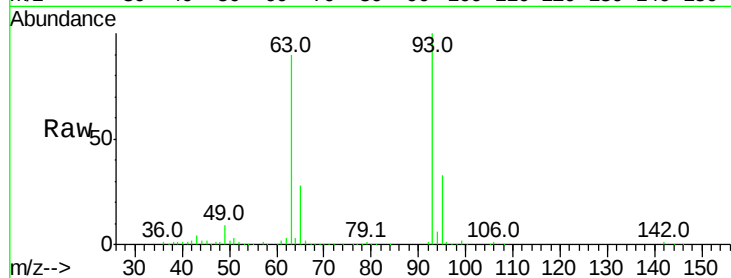
Tot Ion: 93 Resp: 485721

Ion Ratio Lower Upper

93 100

63 90.3 60.4 100.4

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 36.59 ng

RT: 6.88 min Scan# 437

Delta R.T. 0.23 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

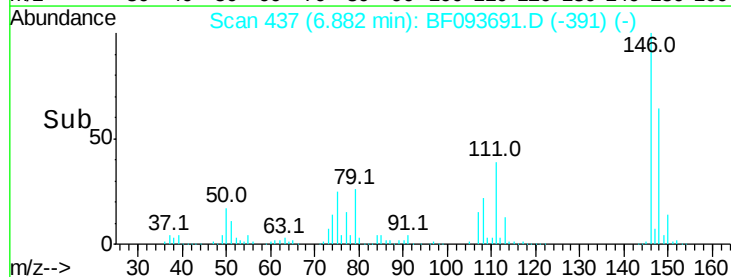
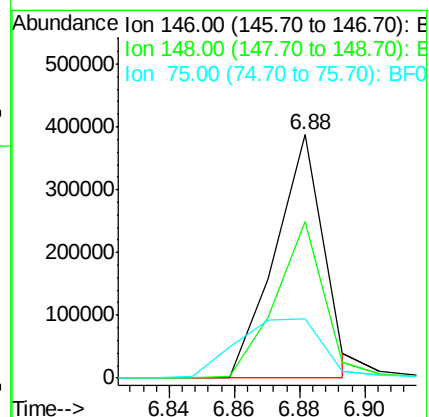
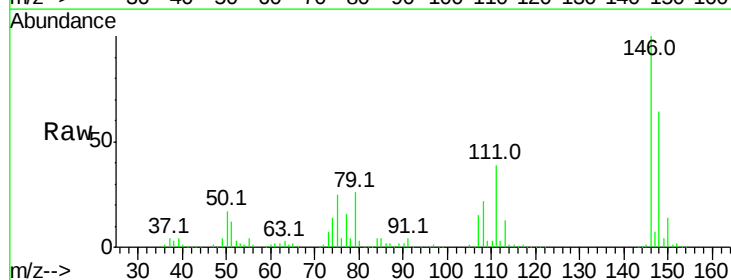
Tgt Ion: 146 Resp: 401886

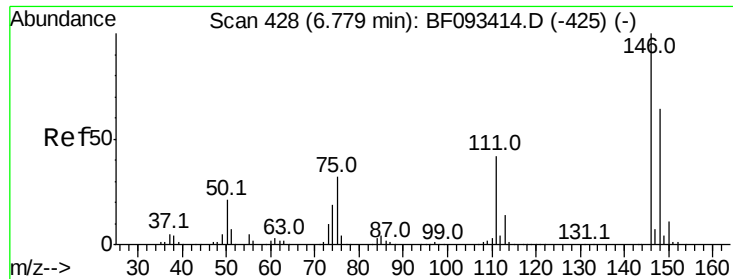
Ion Ratio Lower Upper

146 100

148 64.4 53.4 80.0

75 24.6 18.5 27.7

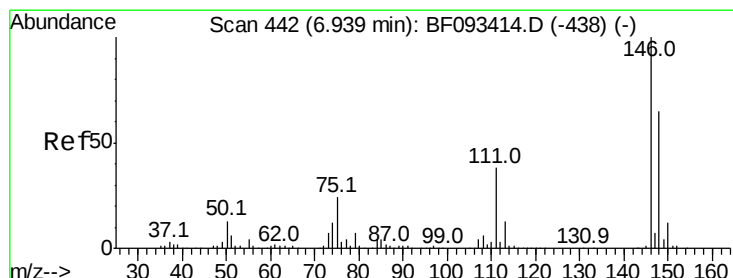
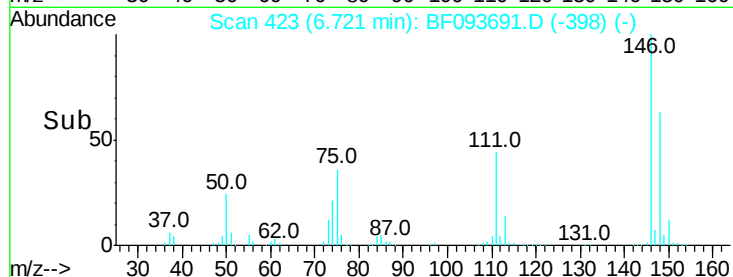
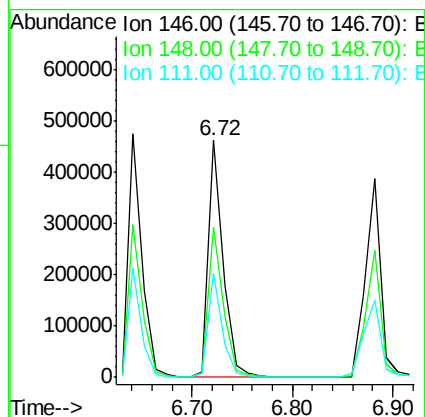
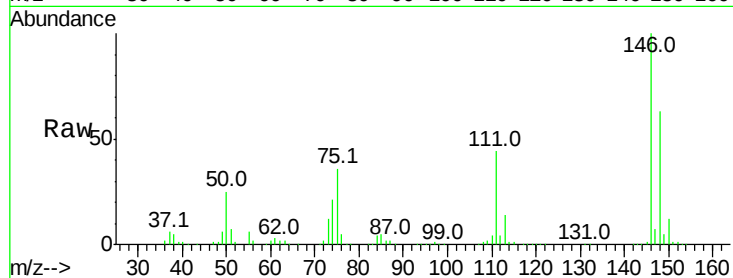




#13
 1,4-Dichlorobenzene
 Concen: 42.28 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093691.D
 Acq: 16 Mar 2017 4:12

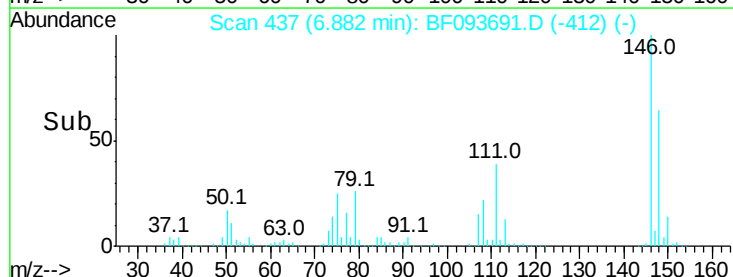
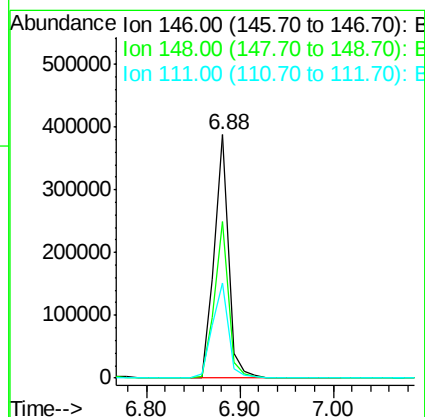
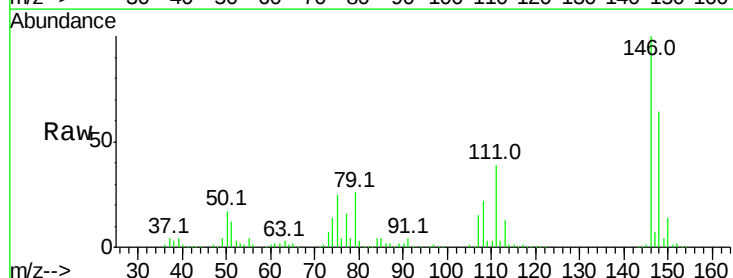
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

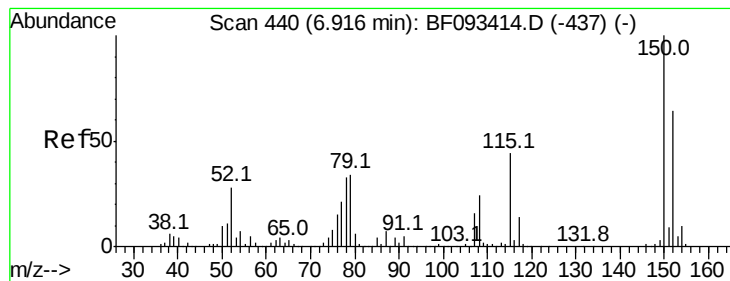
Tot Ion:146 Resp: 475397
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 76.0
 111 43.7 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 41.75 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093691.D
 Acq: 16 Mar 2017 4:12

Tgt Ion:146 Resp: 415795
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.2
 111 38.9 36.2 54.2





#15

Benzyl Alcohol

Concen: 30.31 ng

RT: 6.87 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

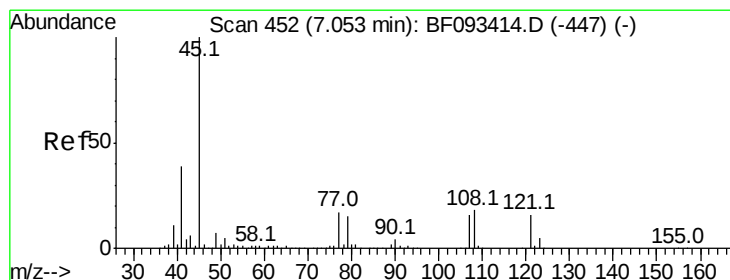
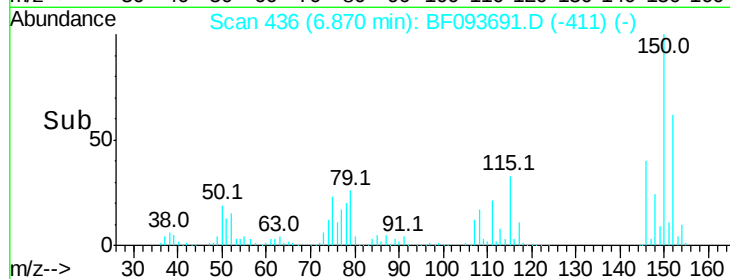
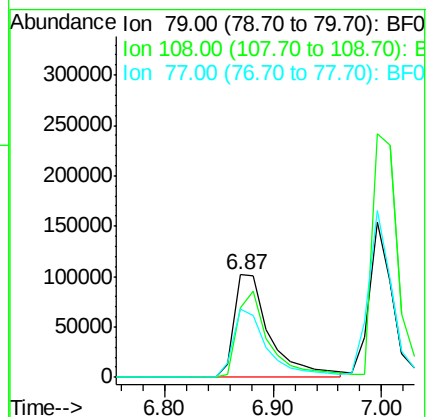
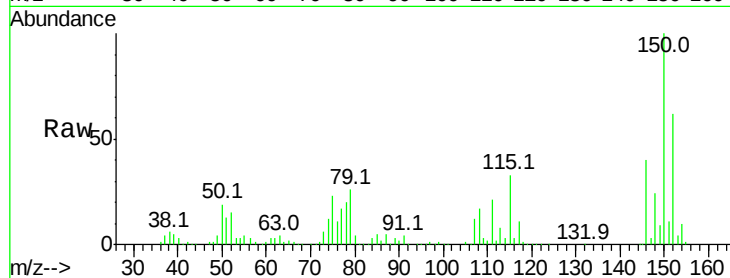
Tot Ion: 79 Resp: 233375

Ion Ratio Lower Upper

79 100

108 67.8 61.4 92.0

77 66.5 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.49 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

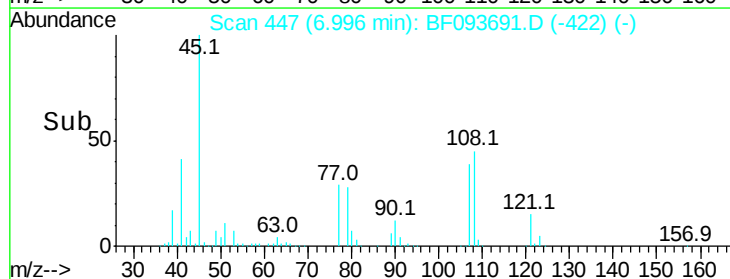
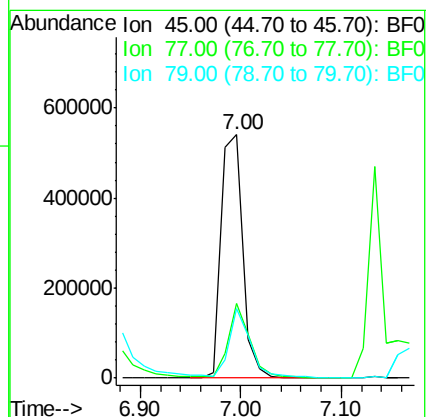
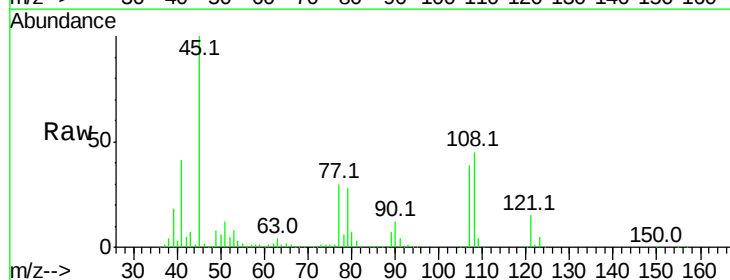
Tgt Ion: 45 Resp: 808270

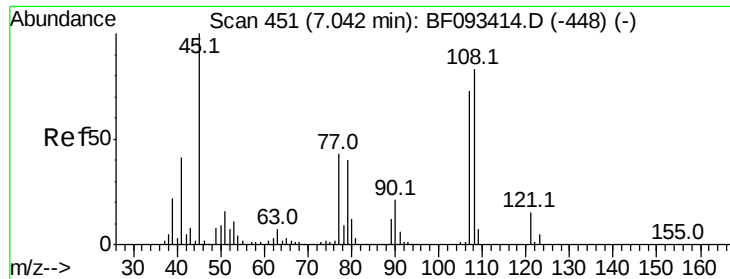
Ion Ratio Lower Upper

45 100

77 30.5 0.0 34.6

79 28.4 0.0 31.2

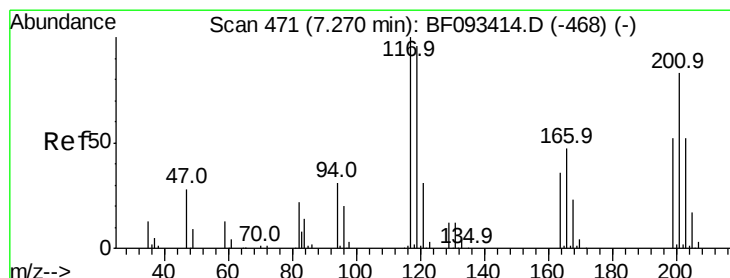
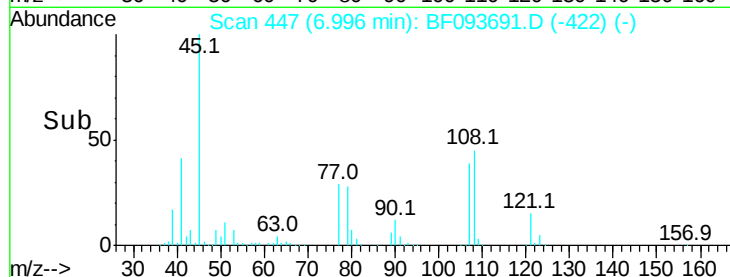
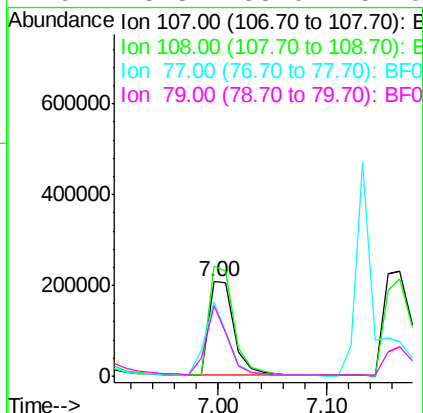
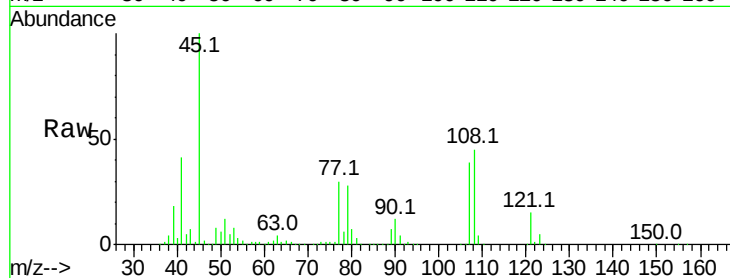




#17
2-Methylphenol
Concen: 41.52 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

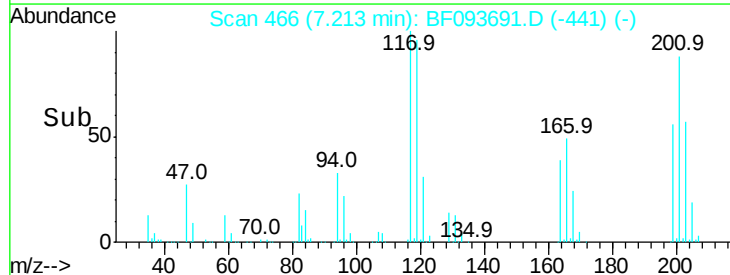
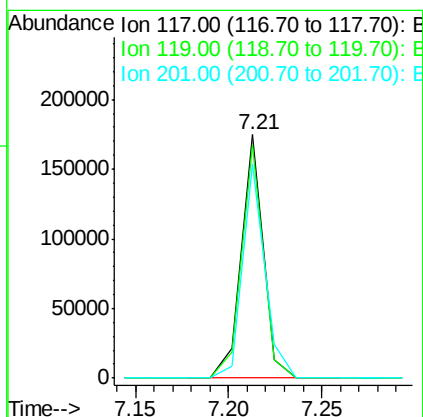
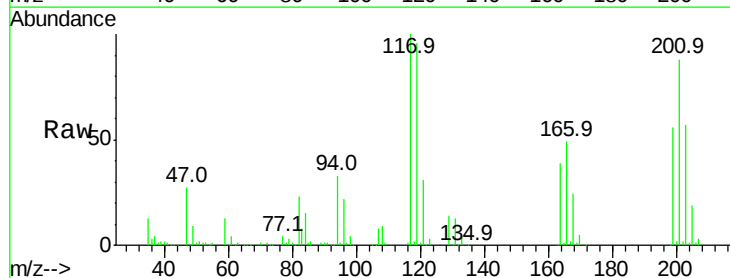
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

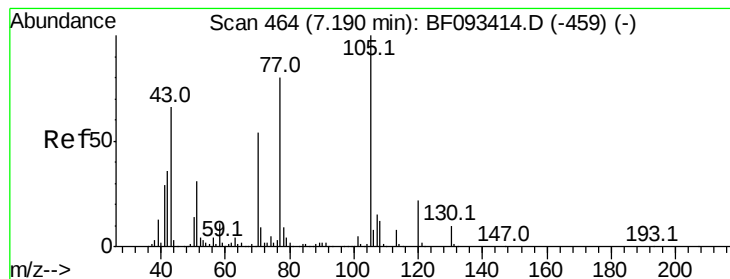
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.9	93.0	139.6
77	79.1	39.8	59.8
79	73.8	38.0	57.0



#18
Hexachloroethane
Concen: 37.82 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.1	117.1
201	88.2	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.66 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 294470

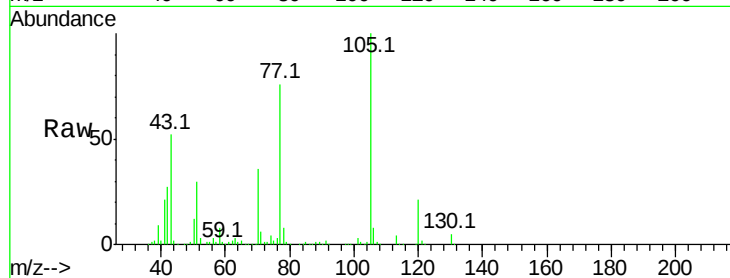
Ion Ratio Lower Upper

70 100

42 73.4 49.4 74.0

101 8.3 7.4 11.2

130 13.7 14.2 21.4#

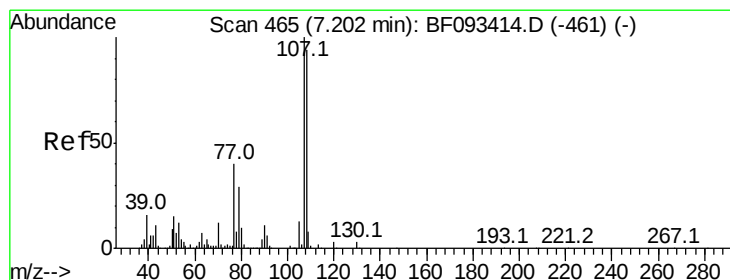
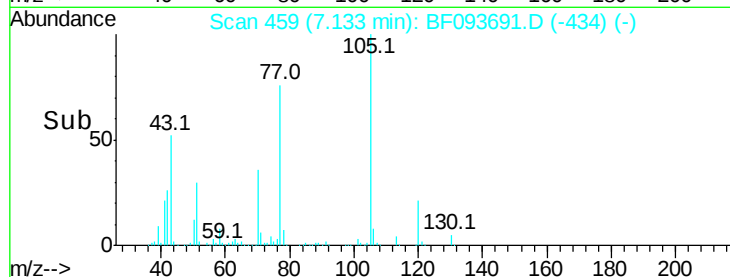
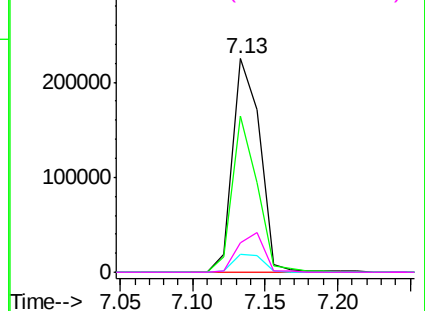


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 45.16 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Tgt Ion:107 Resp: 475395

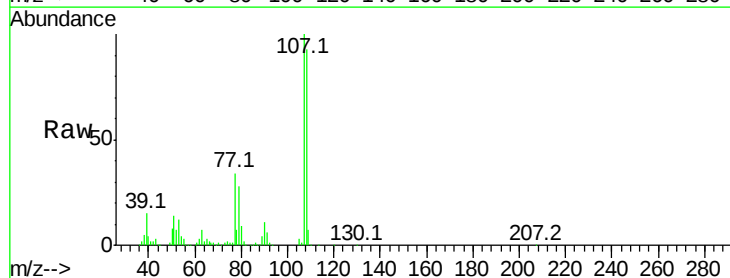
Ion Ratio Lower Upper

107 100

108 92.9 73.0 113.0

77 33.6 71.3 111.3#

79 28.2 11.1 51.1

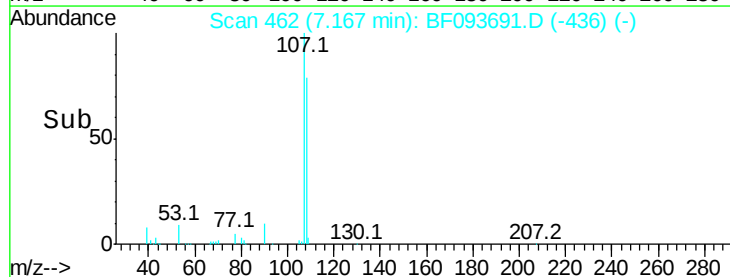
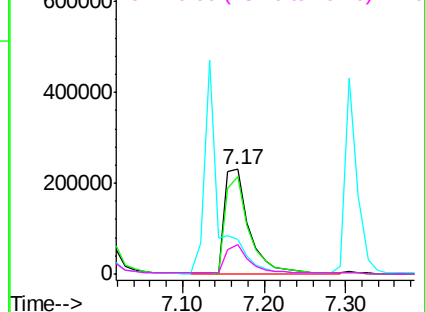


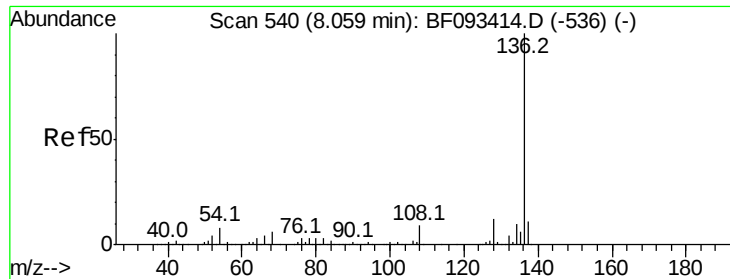
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

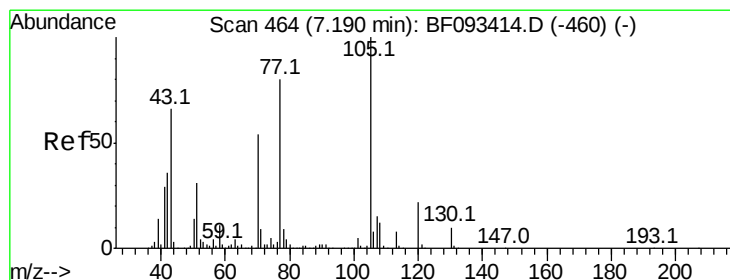
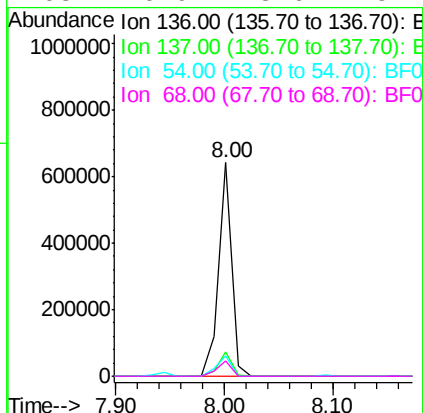
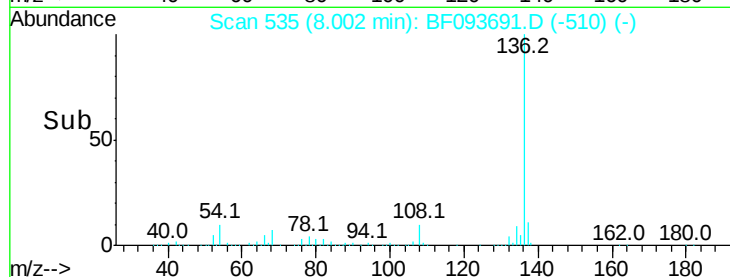
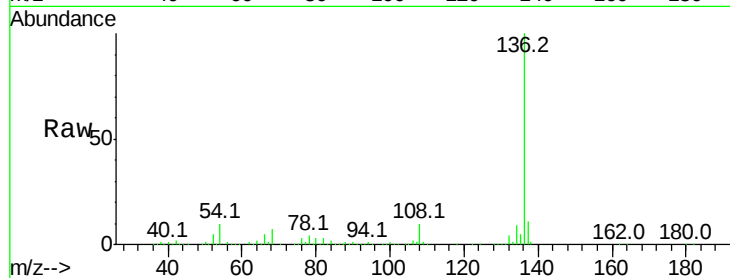




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

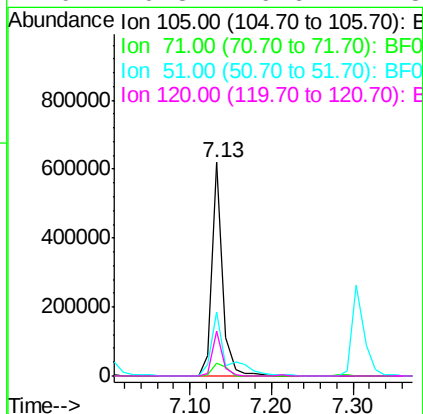
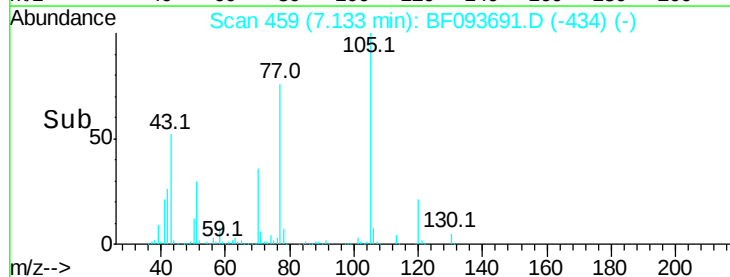
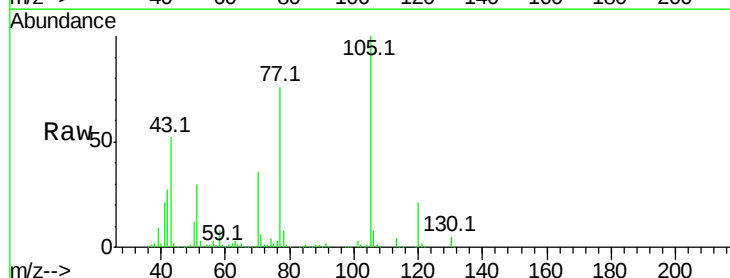
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

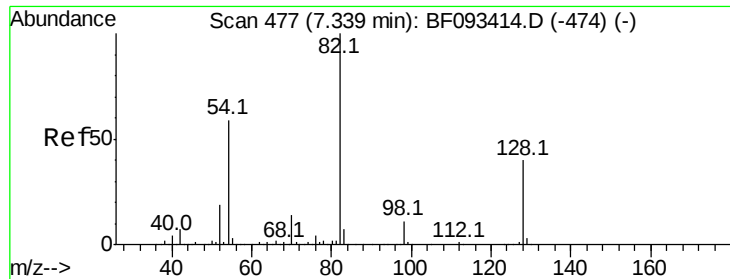
Tot Ion:136	Resp:	545459
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.4 12.6
54	9.6	4.5 6.7#
68	6.9	3.6 5.4#



#22
Acetophenone
Concen: 43.45 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Tgt Ion:105	Resp:	570289
Ion Ratio	Lower	Upper
105	100	
71	6.2	3.2 4.8#
51	30.0	26.2 39.4
120	20.8	16.6 24.8

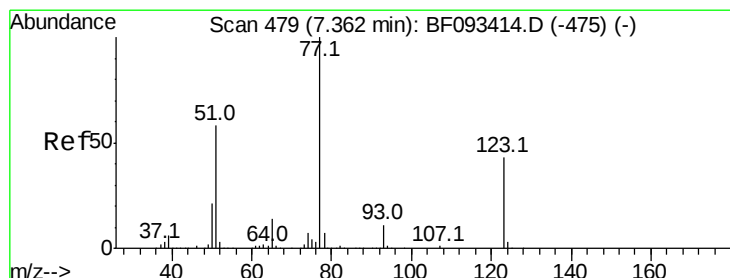
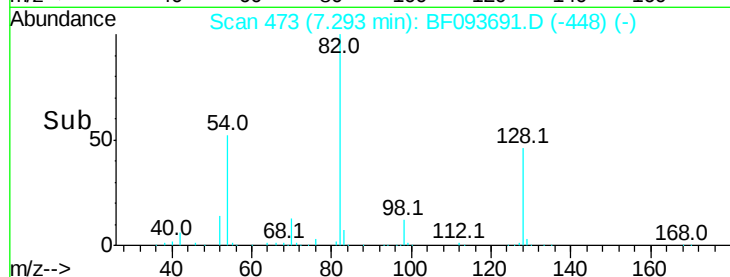
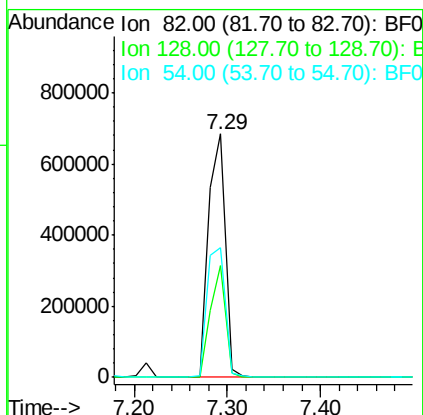
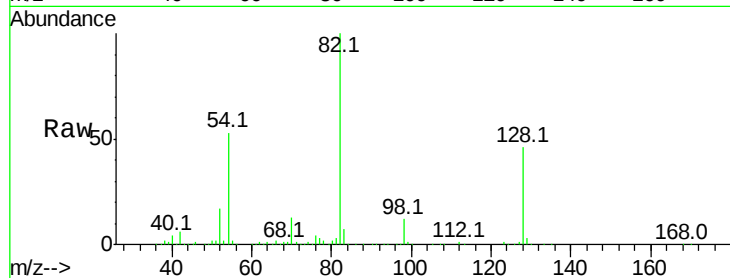




#23
Nitrobenzene-d5
Concen: 88.08 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

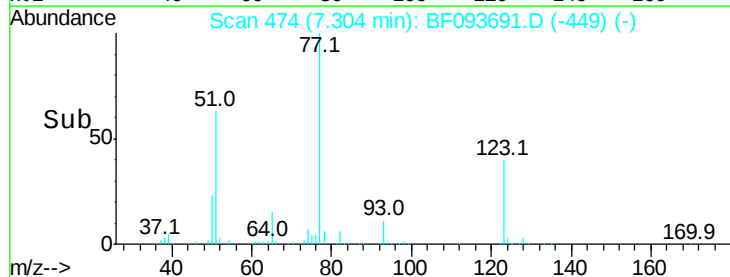
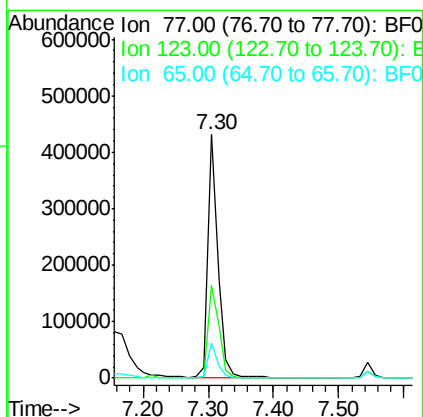
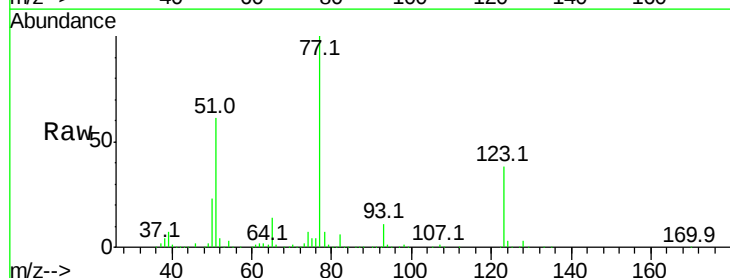
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

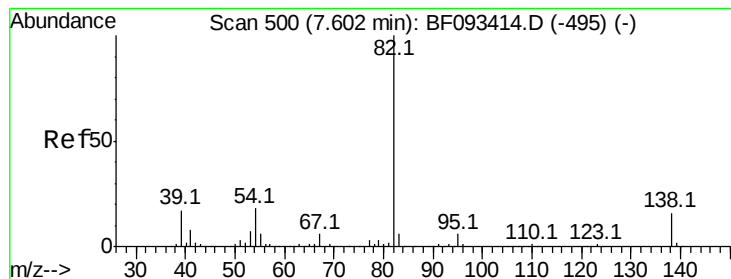
Tot Ion: 82 Resp: 865877
Ion Ratio Lower Upper
82 100
128 46.2 34.6 52.0
54 53.2 39.5 59.3



#24
Nitrobenzene
Concen: 41.79 ng
RT: 7.30 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Tgt Ion: 77 Resp: 461716
Ion Ratio Lower Upper
77 100
123 38.2 33.0 49.4
65 14.3 11.2 16.8





#25

Isophorone

Concen: 39.03 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

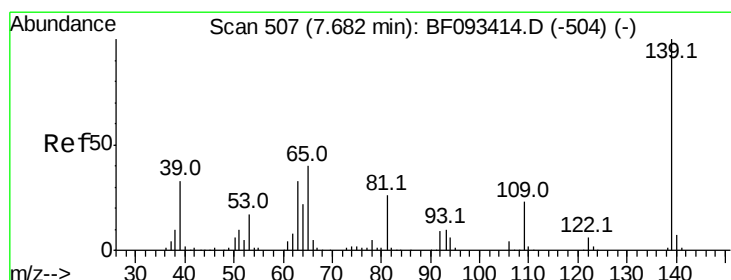
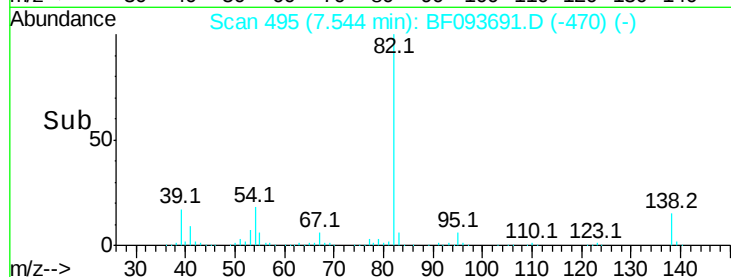
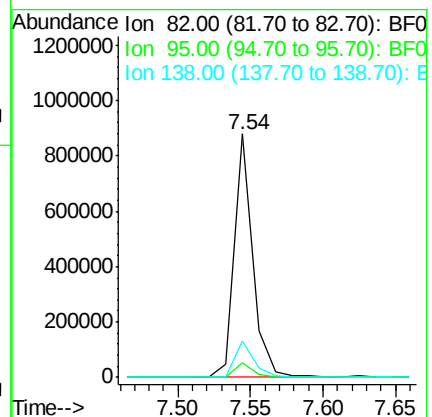
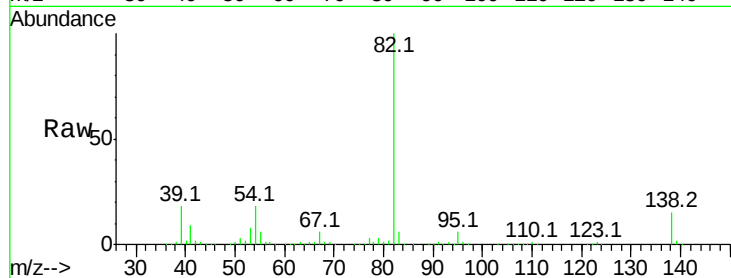
Tot Ion: 82 Resp: 773843

Ion Ratio Lower Upper

82 100

95 6.2 5.6 8.4

138 14.9 14.6 22.0



#26

2-Nitrophenol

Concen: 35.79 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

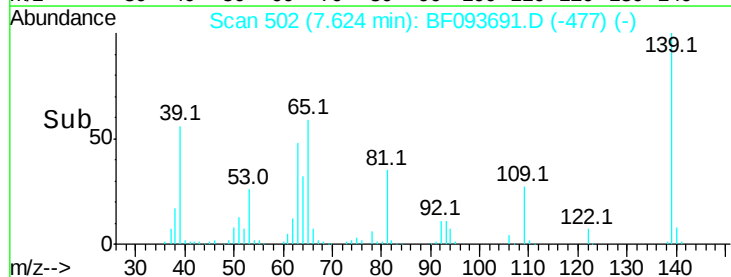
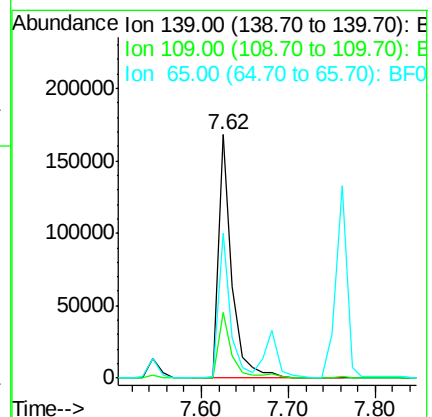
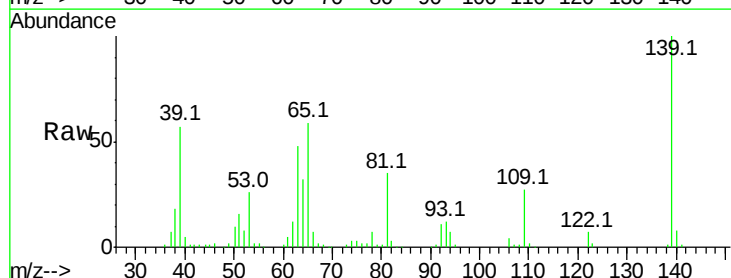
Tgt Ion: 139 Resp: 180431

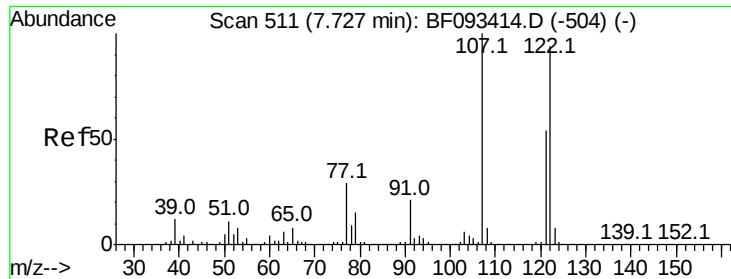
Ion Ratio Lower Upper

139 100

109 26.9 23.3 34.9

65 59.3 42.7 64.1

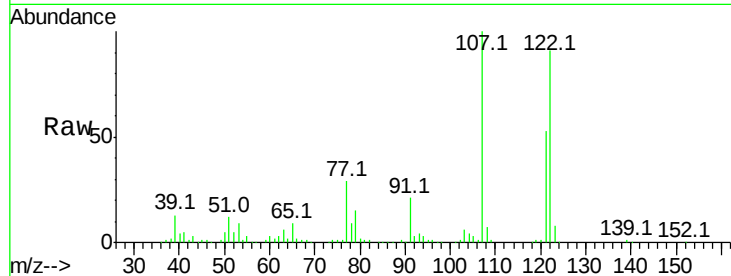




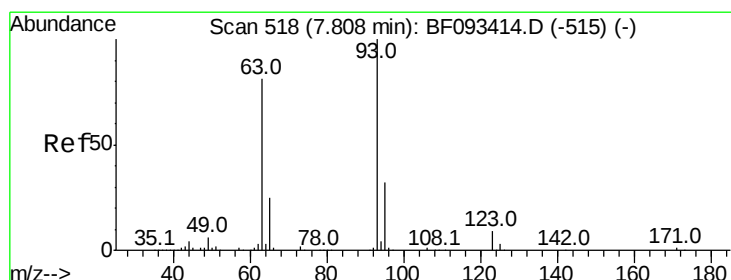
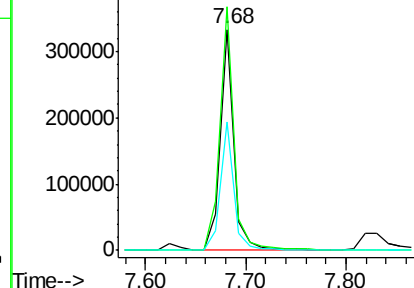
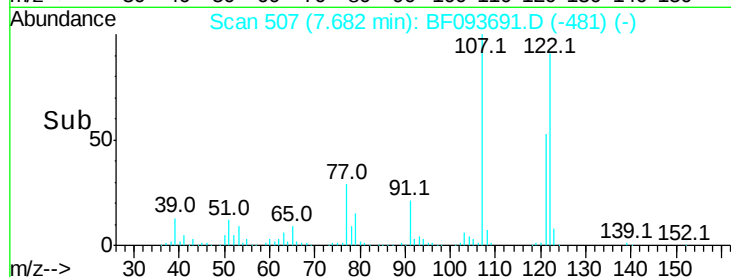
#27
 2,4-Dimethylphenol
 Concen: 38.01 ng
 RT: 7.68 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF093691.D
 Acq: 16 Mar 2017 4:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 311668
 Ion Ratio Lower Upper
 122 100
 107 110.1 94.1 141.1
 121 57.9 46.0 69.0

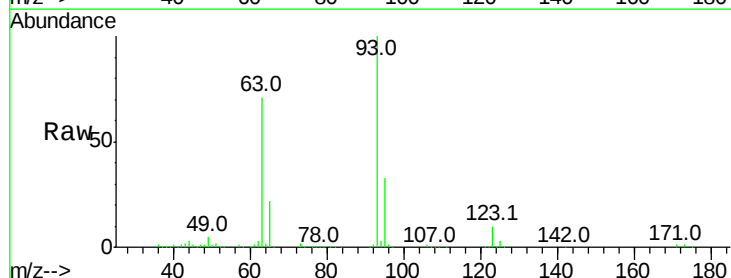


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

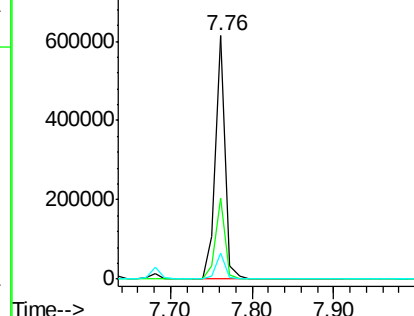
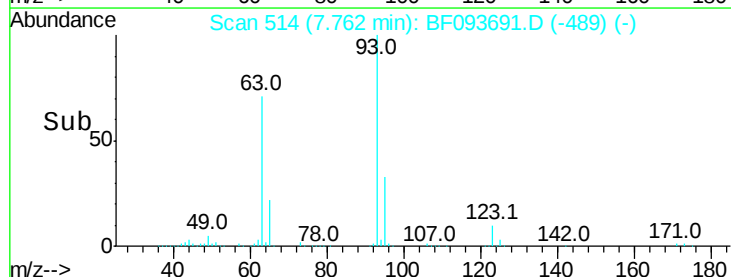


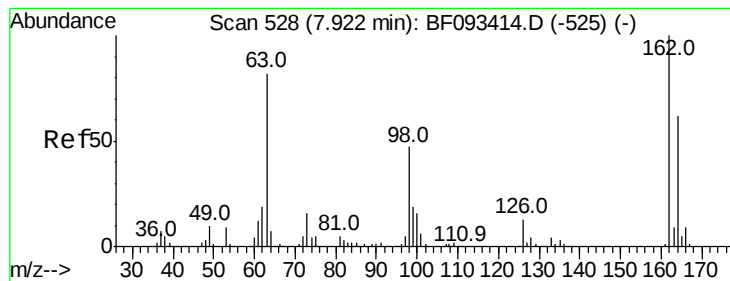
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.36 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF093691.D
 Acq: 16 Mar 2017 4:12

Tgt Ion: 93 Resp: 530187
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.5 39.7
 123 10.5 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: 39.69 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

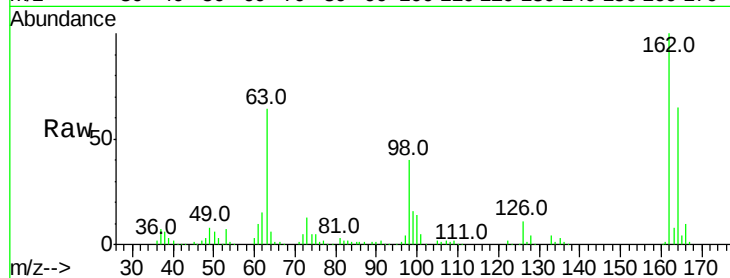
Tot Ion:162 Resp: 306159

Ion Ratio Lower Upper

162 100

164 64.8 46.8 86.8

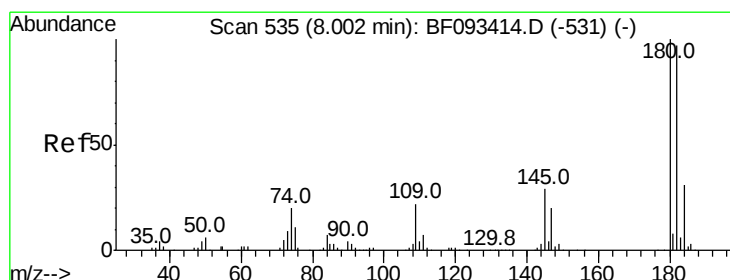
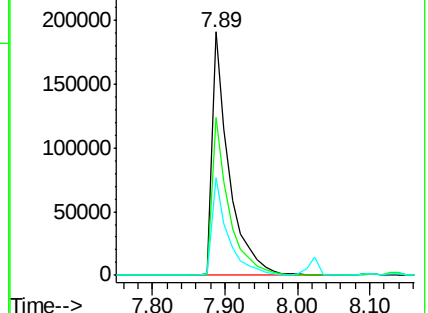
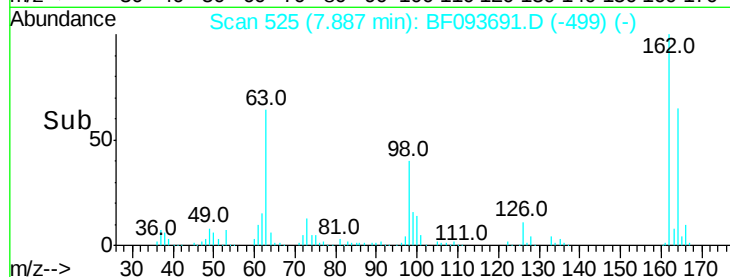
98 40.2 9.1 49.1



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: 39.52 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

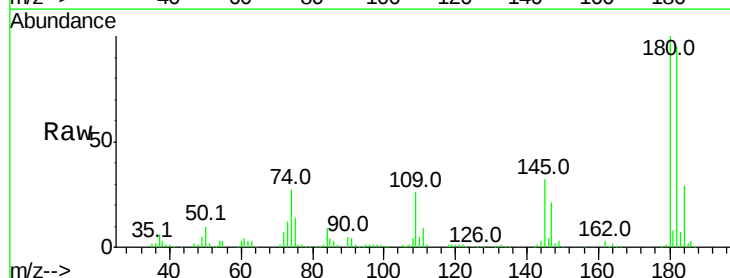
Tgt Ion:180 Resp: 324259

Ion Ratio Lower Upper

180 100

182 95.3 78.2 117.4

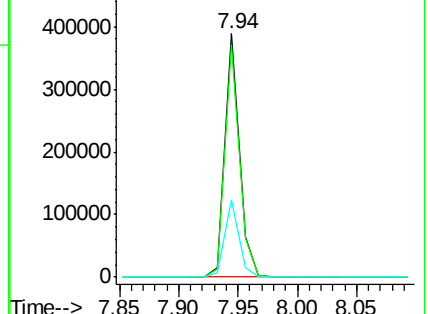
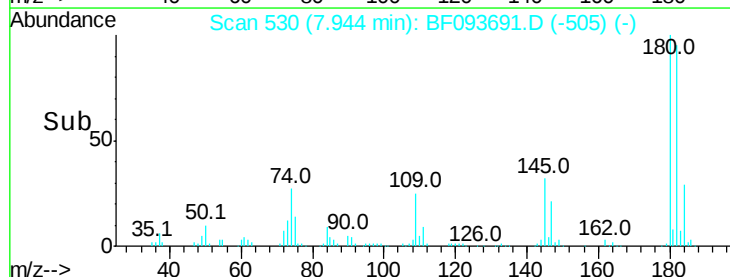
145 31.6 21.6 32.4

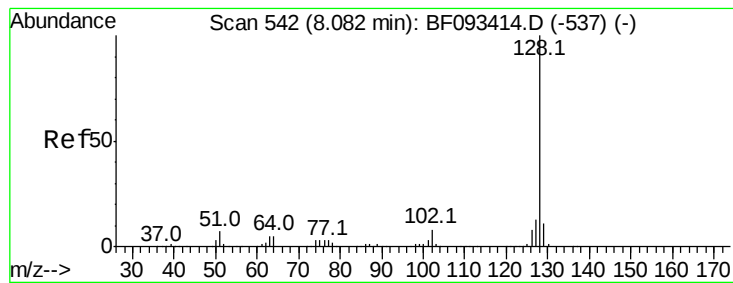


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.32 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

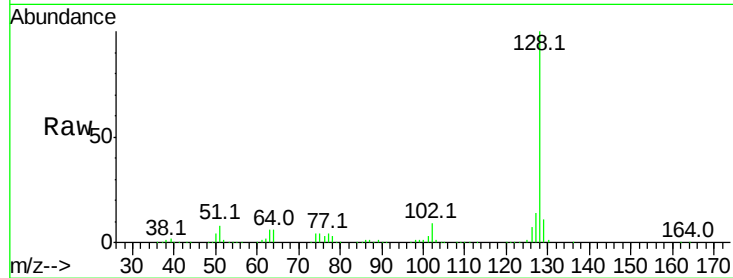
Tot Ion:128 Resp: 1074876

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

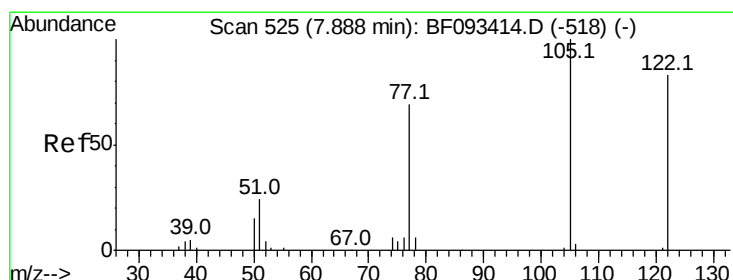
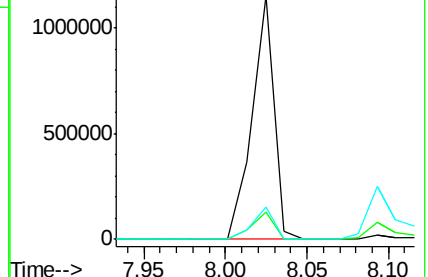
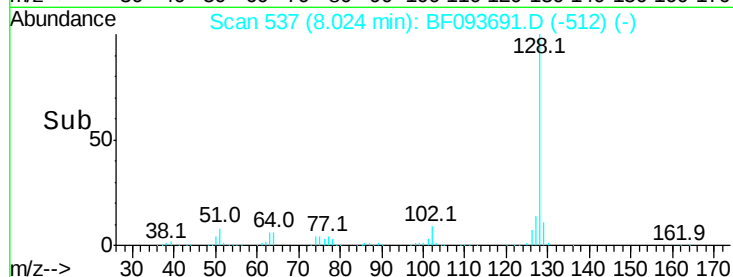
127 13.5 10.8 16.2



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: 14.24 ng

RT: 7.83 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

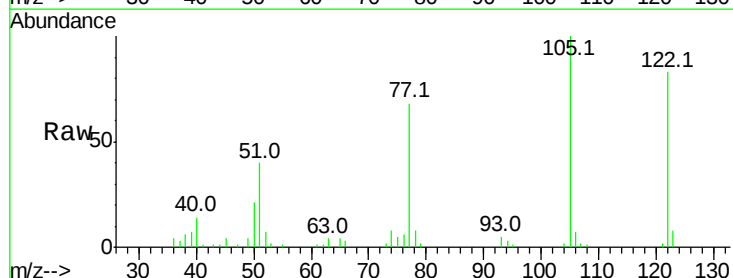
Tgt Ion:122 Resp: 60687

Ion Ratio Lower Upper

122 100

105 120.4 107.2 147.2

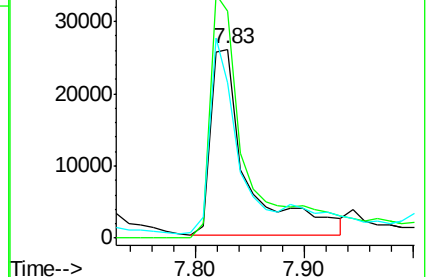
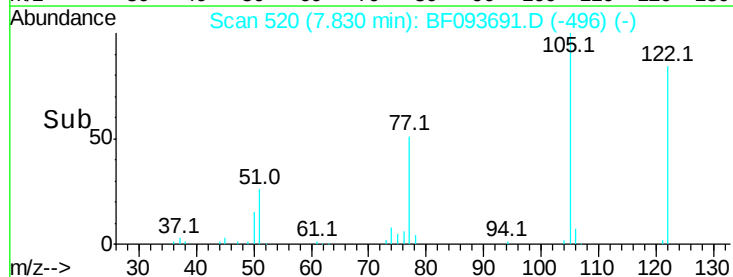
77 82.4 74.5 114.5

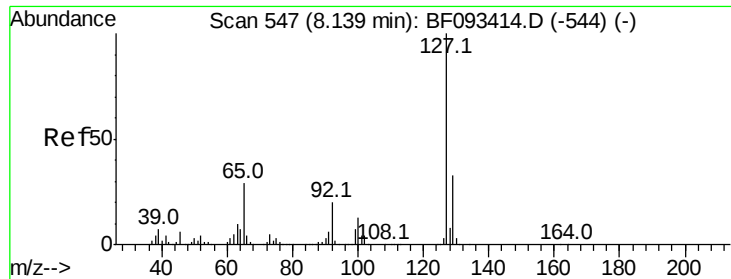


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

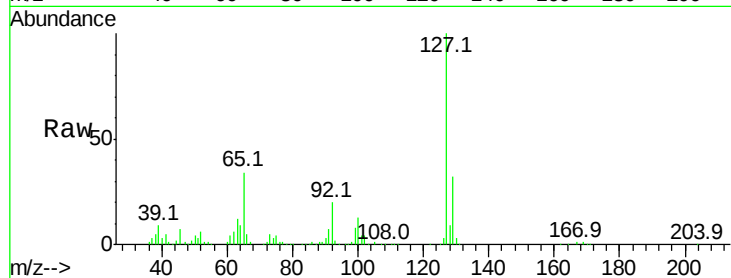




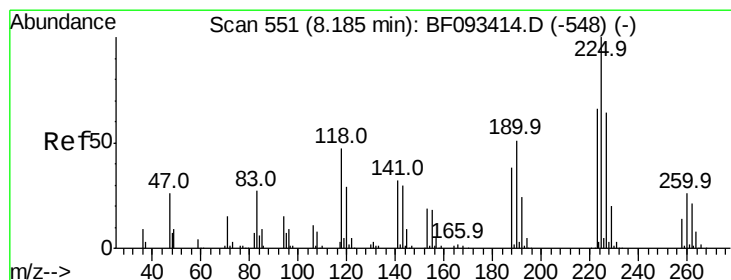
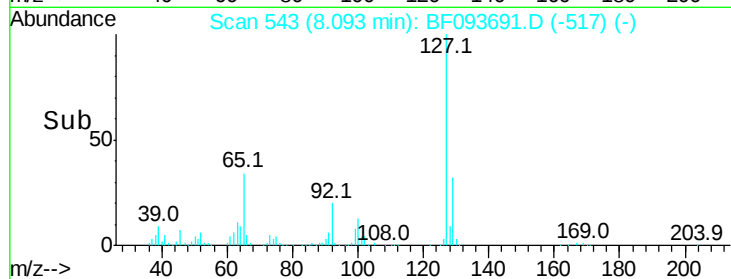
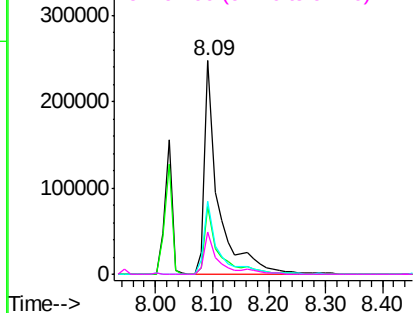
#33
4-Chloroaniline
Concen: 36.55 ng
RT: 8.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	405396
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	33.9	25.8	38.8
92	19.7	16.1	24.1

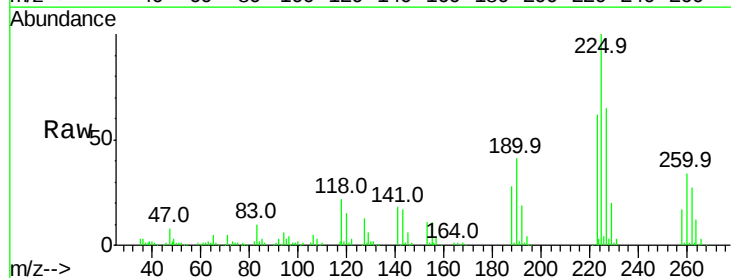


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

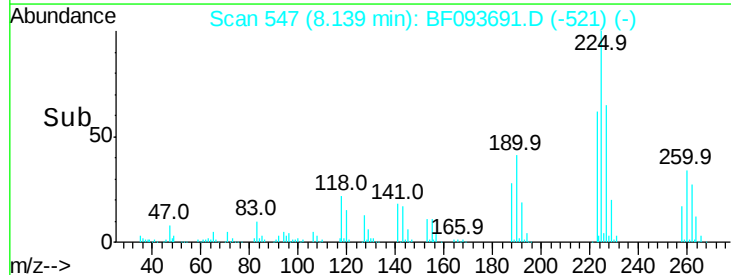
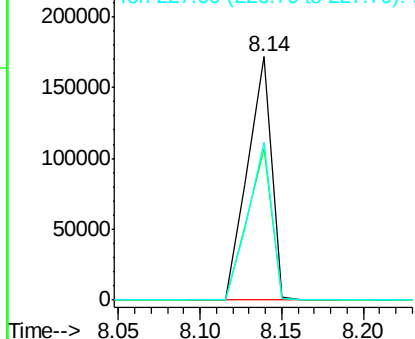


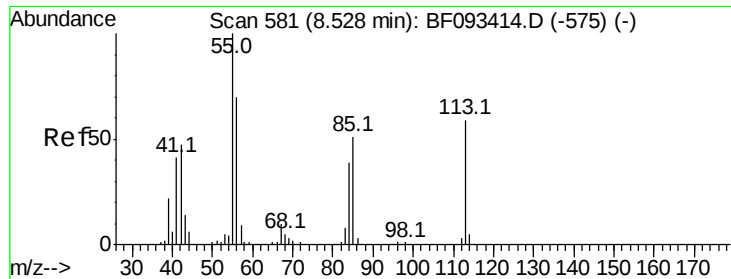
#34
Hexachlorobutadiene
Concen: 41.58 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Tgt Ion:	225	Resp:	175708
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	64.9	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

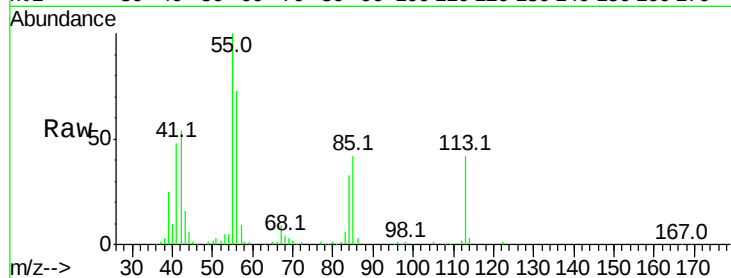




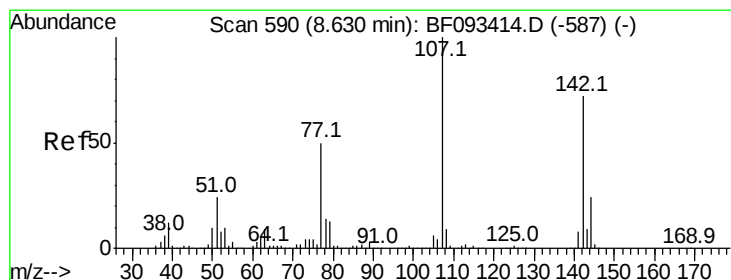
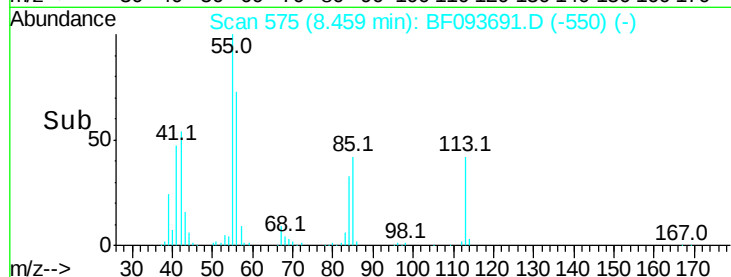
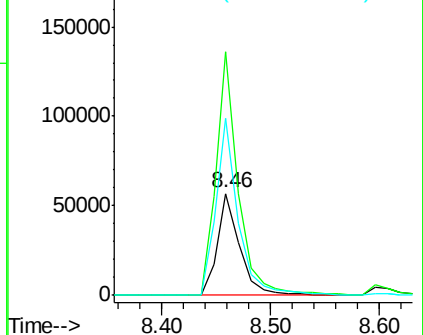
#35
Caprolactam
Concen: 31.06 ng
RT: 8.46 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 81846
Ion Ratio Lower Upper
113 100
55 239.7 119.2 159.2#
56 174.7 83.8 123.8#

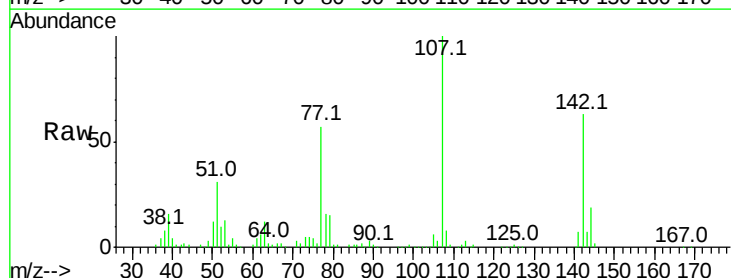


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

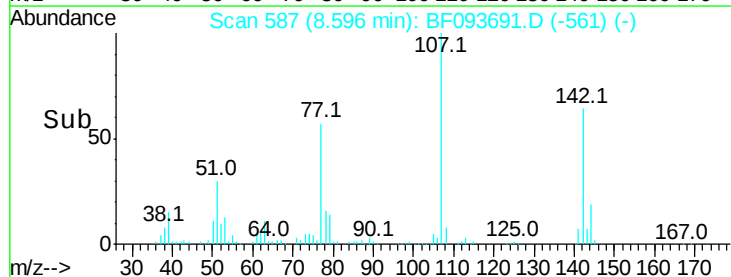
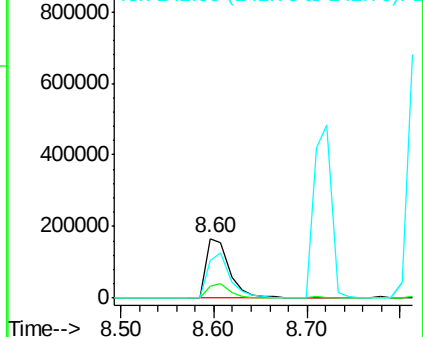


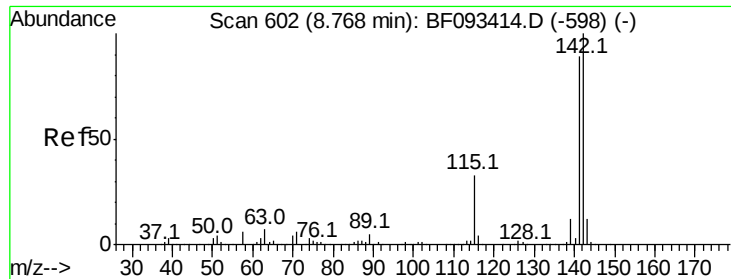
#36
4-Chloro-3-methylphenol
Concen: 35.30 ng
RT: 8.60 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Tgt Ion:107 Resp: 290644
Ion Ratio Lower Upper
107 100
144 19.2 19.3 28.9#
142 63.4 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

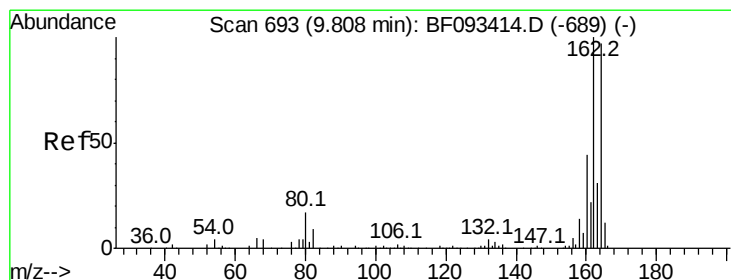
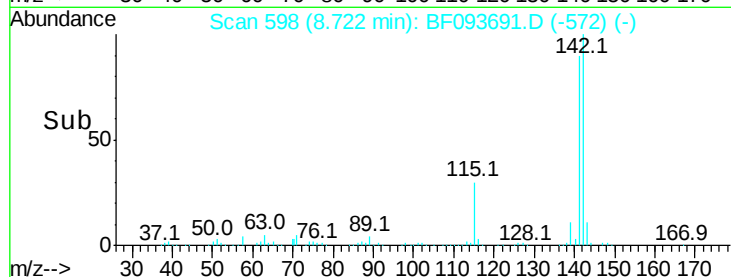
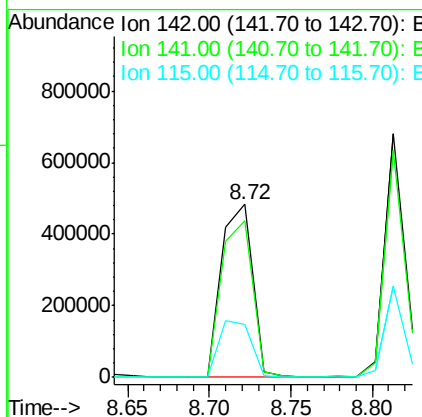
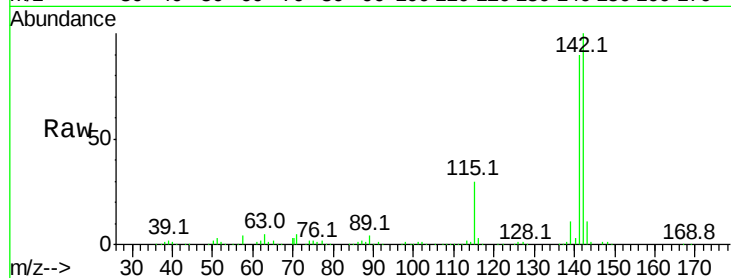




#37
2-Methylnaphthalene
Concen: 36.62 ng
RT: 8.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

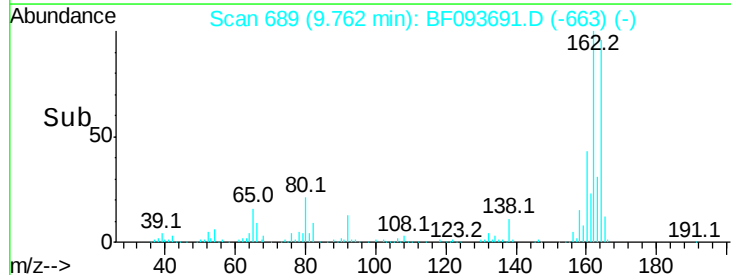
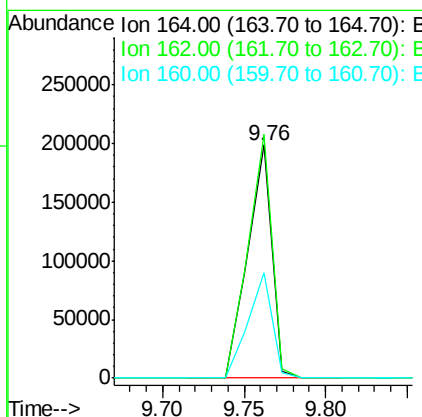
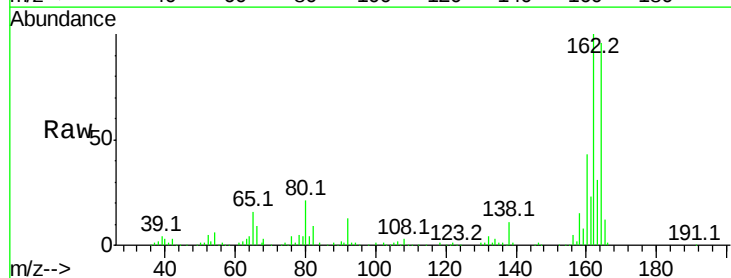
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

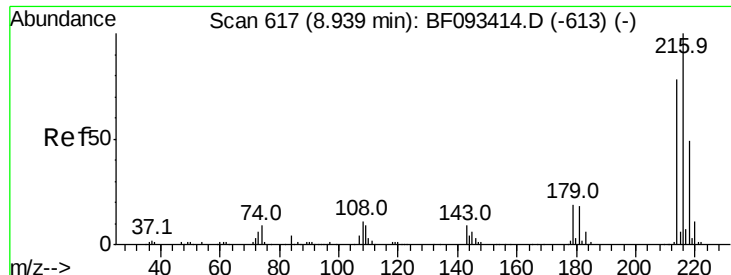
Tot Ion:142 Resp: 636857
Ion Ratio Lower Upper
142 100
141 90.2 71.0 106.6
115 30.5 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Tgt Ion:164 Resp: 203645
Ion Ratio Lower Upper
164 100
162 104.6 80.2 120.2
160 45.4 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.00 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 278014

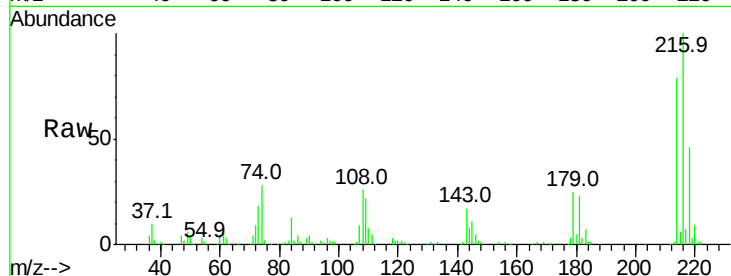
Ion Ratio Lower Upper

216 100

214 77.8 63.4 95.0

179 21.4 17.4 26.2

108 19.8 15.6 23.4

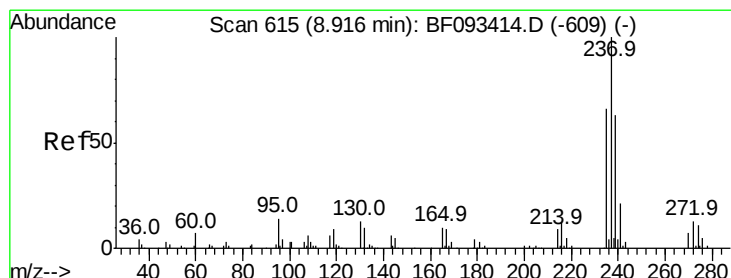
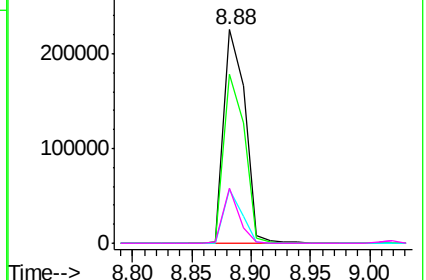
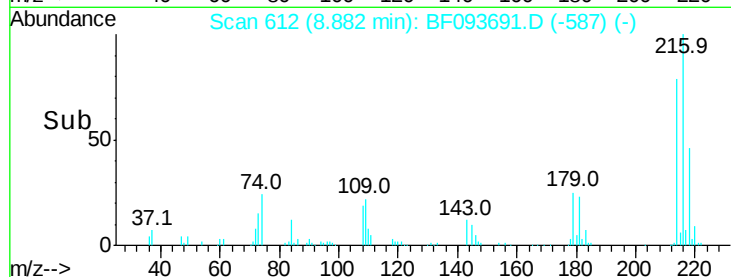


Abundance Ion 216.00 (215.70 to 216.70): E

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: 13.46 ng

RT: 8.87 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

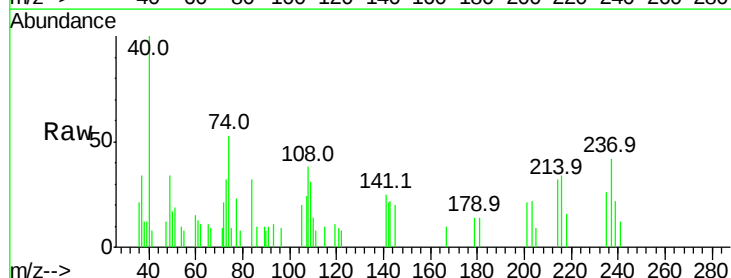
Tgt Ion:237 Resp: 2273

Ion Ratio Lower Upper

237 100

235 62.0 41.2 81.2

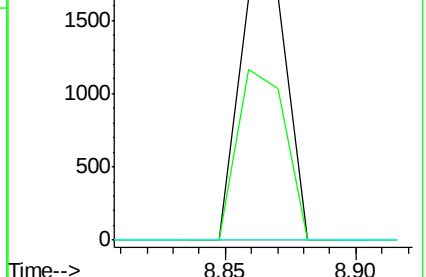
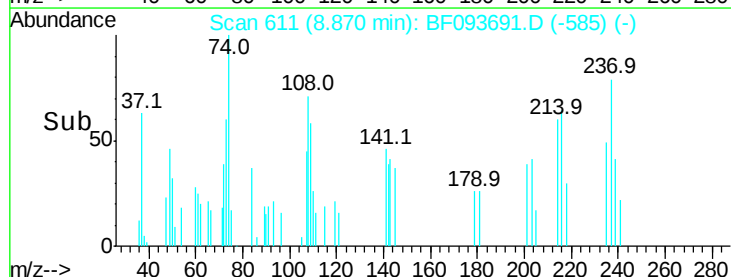
272 0.0 0.0 35.4

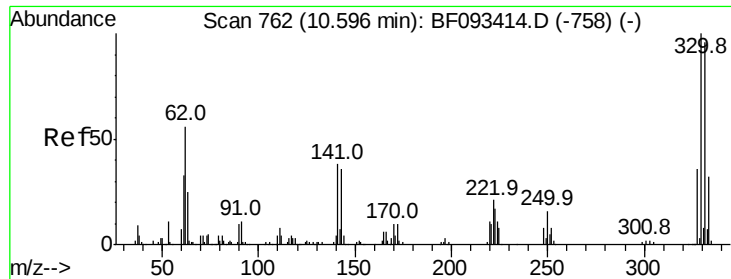


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

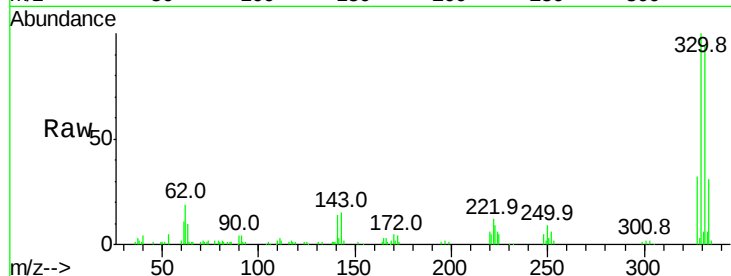




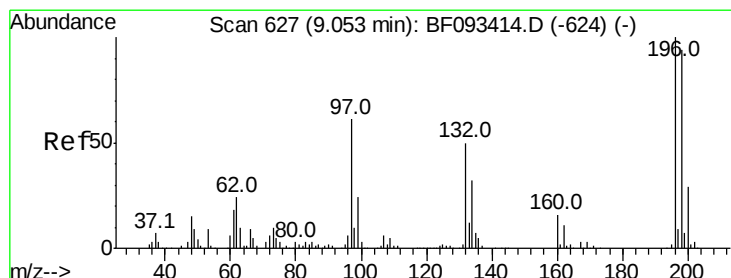
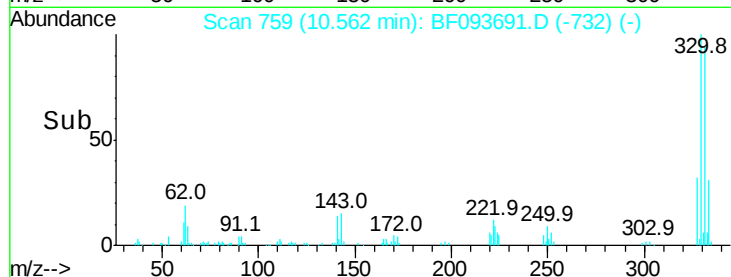
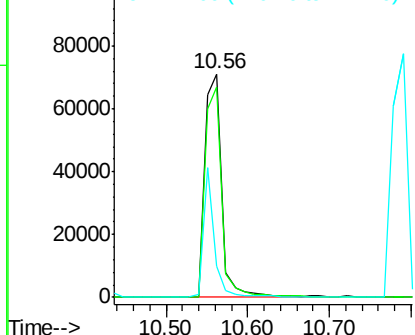
#41
 2,4,6-Tribromophenol
 Concen: 79.18 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093691.D
 Acq: 16 Mar 2017 4:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.4	116.2
141	37.5	34.1	51.1

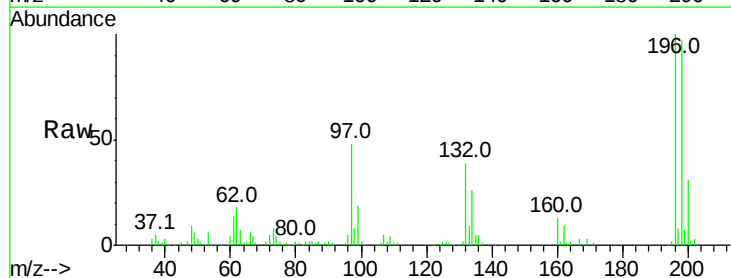


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

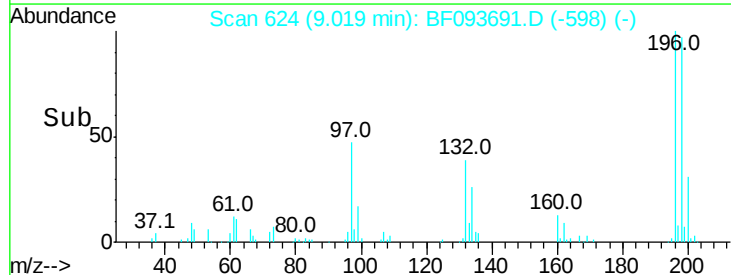
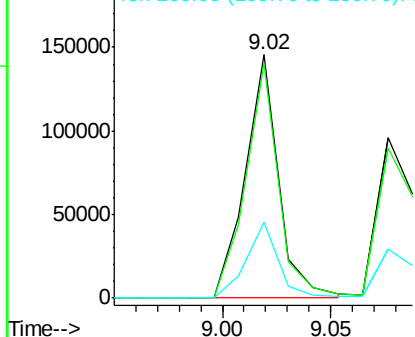


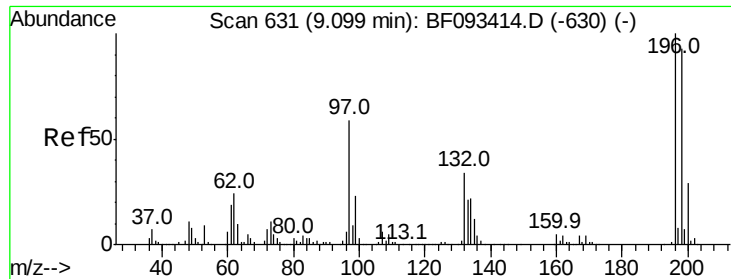
#42
 2,4,6-Trichlorophenol
 Concen: 44.71 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093691.D
 Acq: 16 Mar 2017 4:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	82.1	123.1
200	31.2	27.0	40.4



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

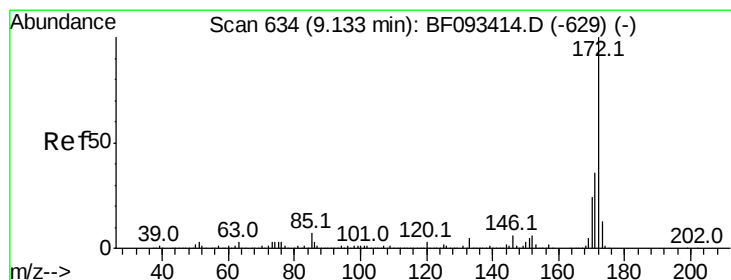
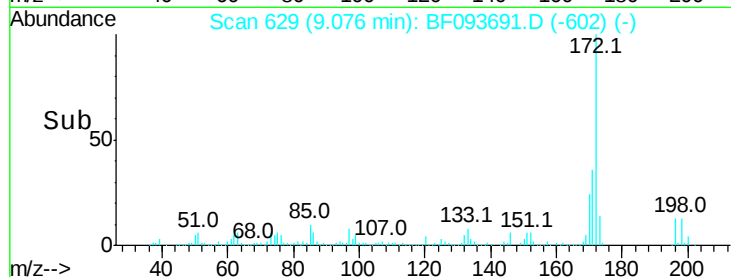
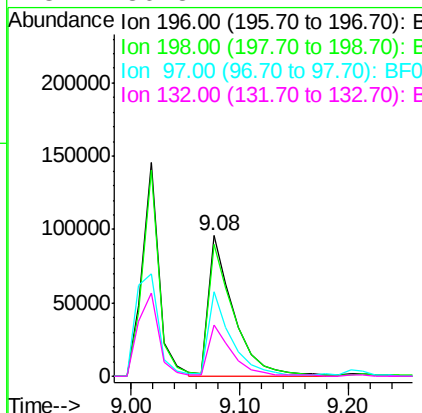
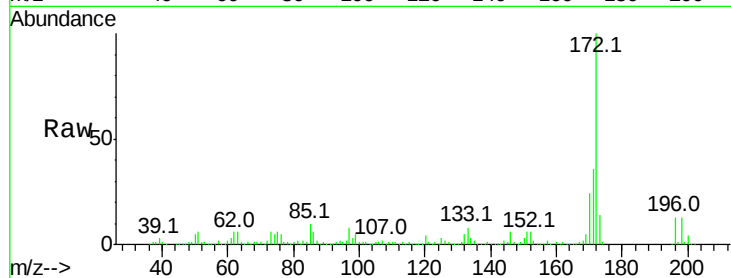




#43
 2,4,5-Trichlorophenol
 Concen: 41.77 ng
 RT: 9.08 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF093691.D
 Acq: 16 Mar 2017 4:12

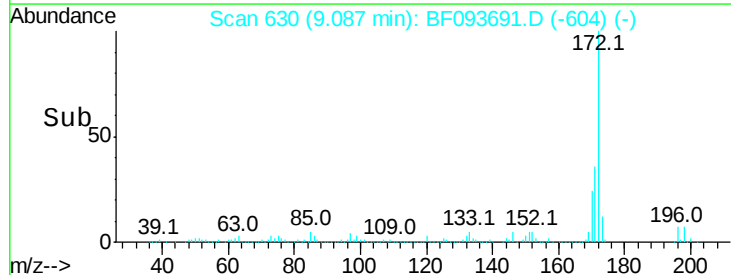
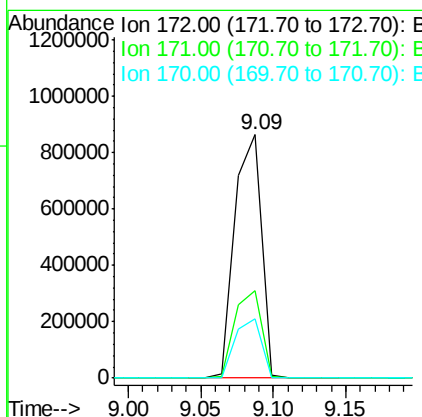
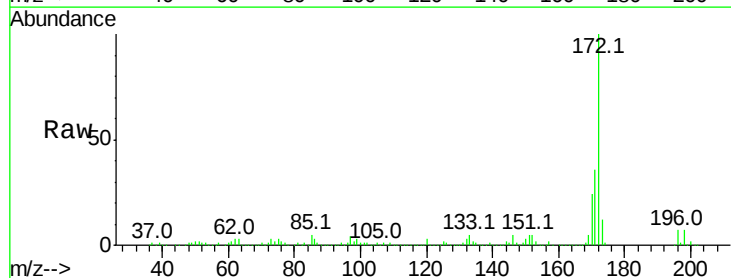
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

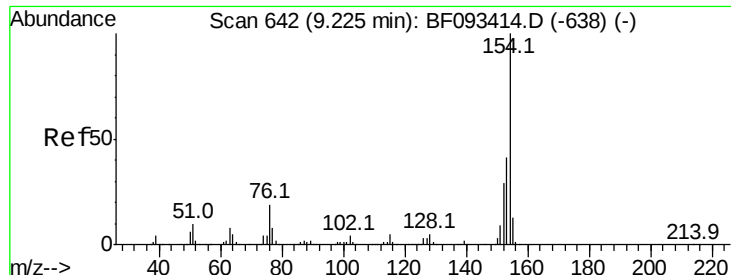
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	79.4	119.2
97	60.1	51.5	77.3
132	36.8	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 100.91 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093691.D
 Acq: 16 Mar 2017 4:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.2	20.2	30.4





#45

1,1'-Biphenyl

Concen: 47.83 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

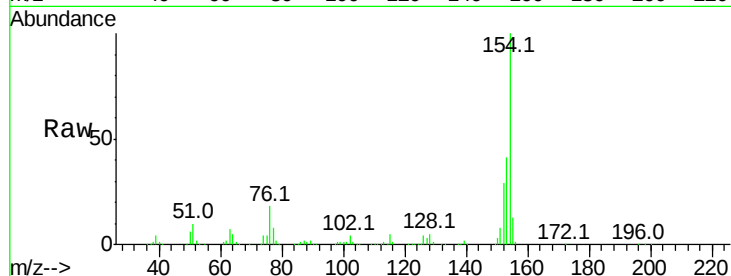
Tot Ion:154 Resp: 709550

Ion Ratio Lower Upper

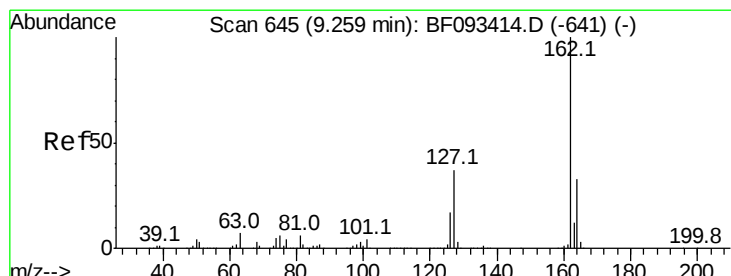
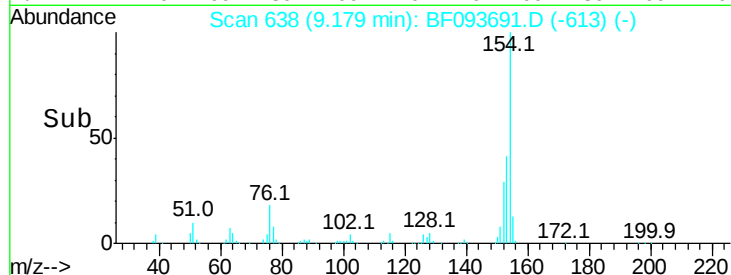
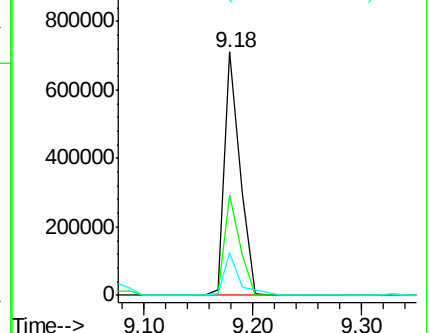
154 100

153 41.4 20.9 60.9

76 17.7 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: 49.26 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

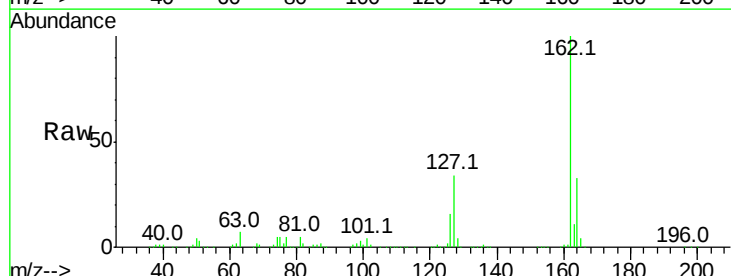
Tgt Ion:162 Resp: 559358

Ion Ratio Lower Upper

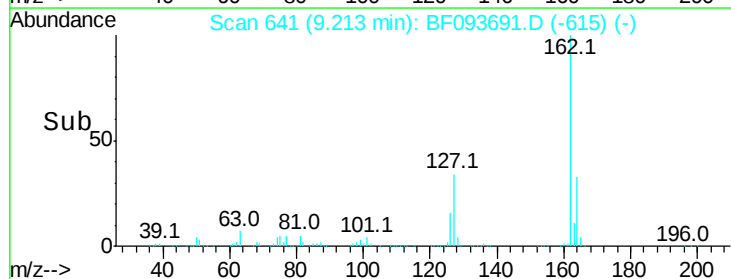
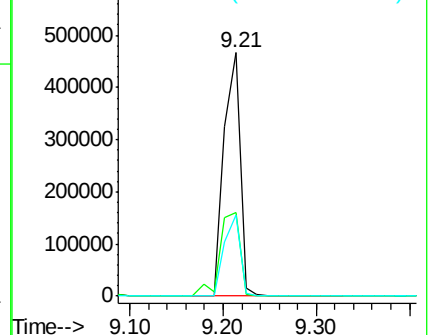
162 100

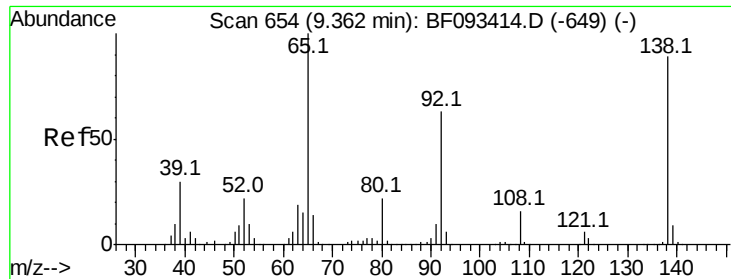
127 34.4 30.7 46.1

164 33.5 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

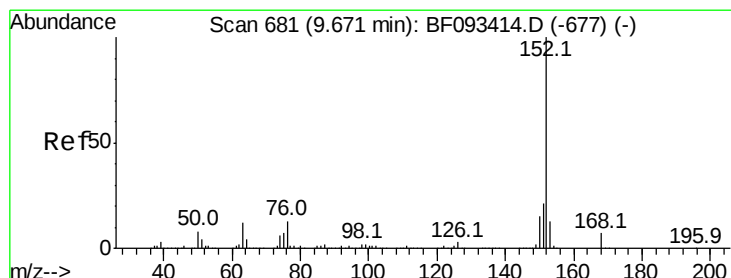
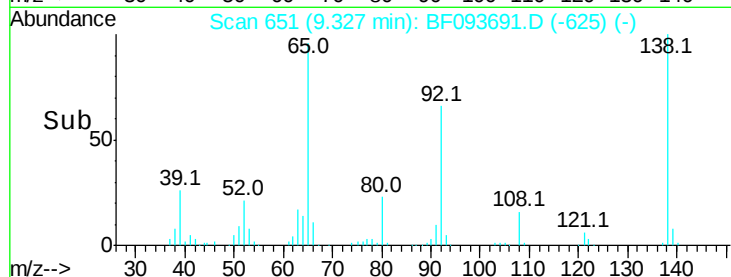
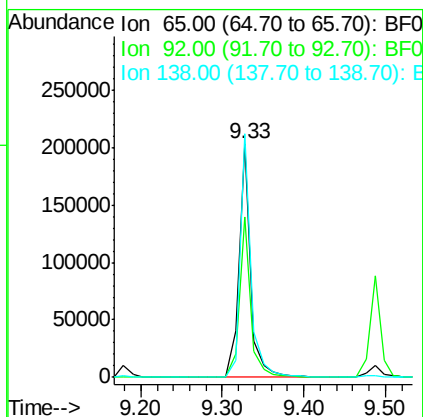
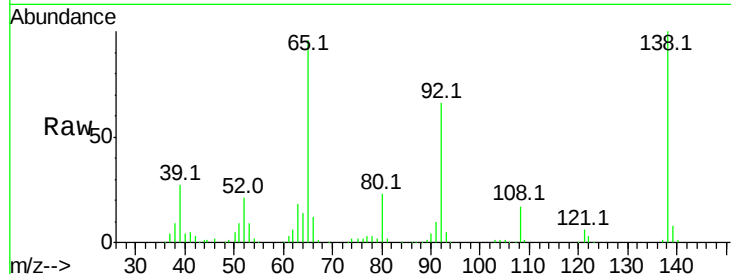




#47
2-Nitroaniline
Concen: 51.19 ng
RT: 9.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

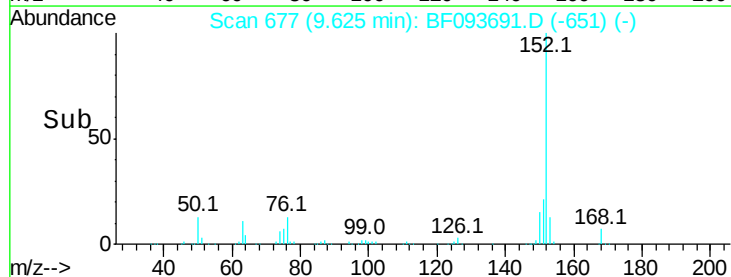
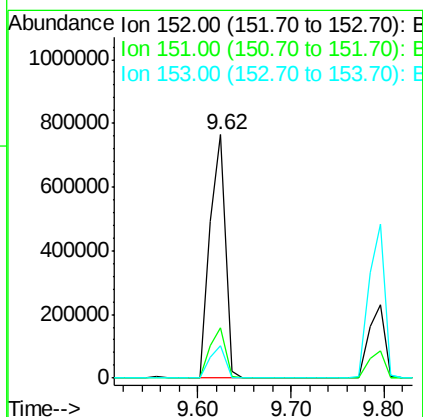
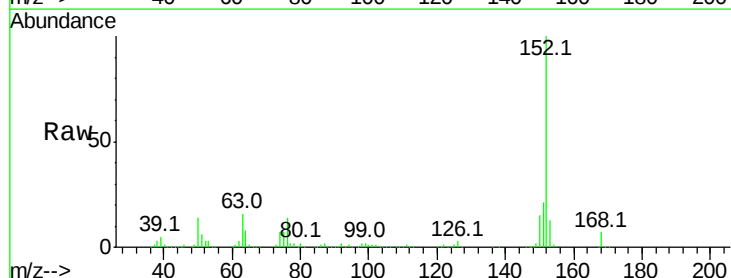
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

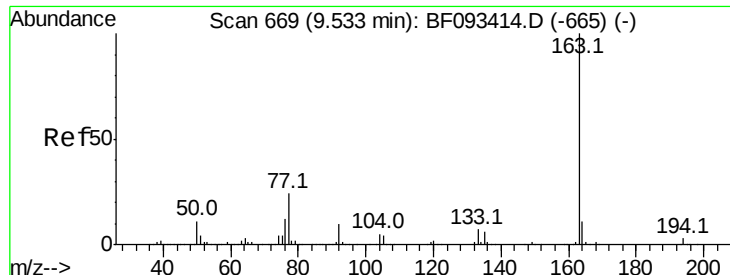
Tot Ion: 65 Resp: 205478
Ion Ratio Lower Upper
65 100
92 68.4 53.9 80.9
138 104.2 76.8 115.2



#48
Acenaphthylene
Concen: 47.25 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Tgt Ion: 152 Resp: 884841
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.1 11.4 17.2

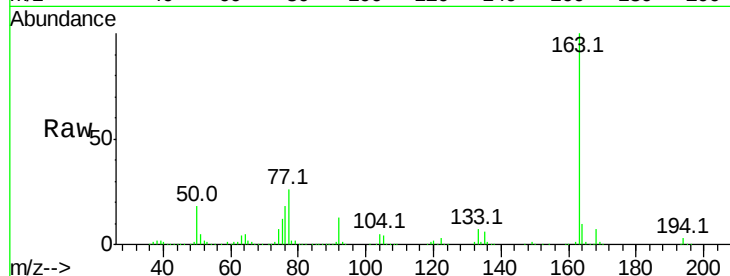




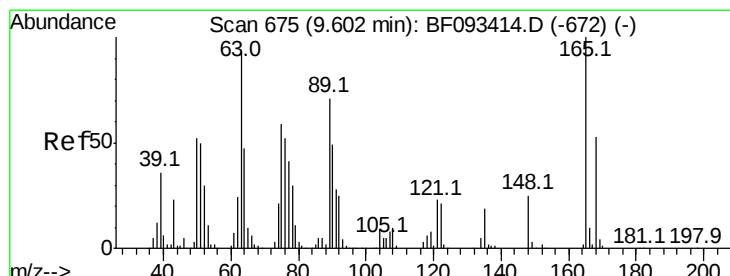
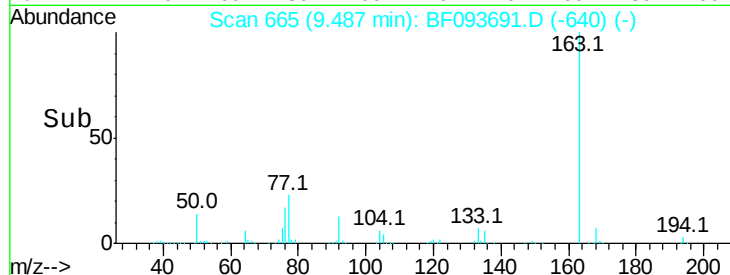
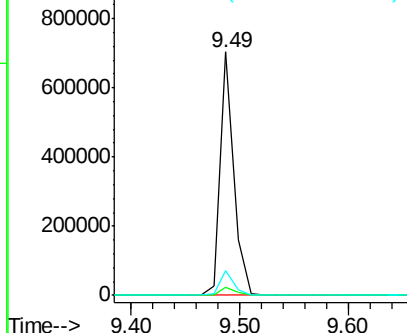
#49
Dimethylphthalate
Concen: 45.72 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 617242
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.4 8.0 12.0

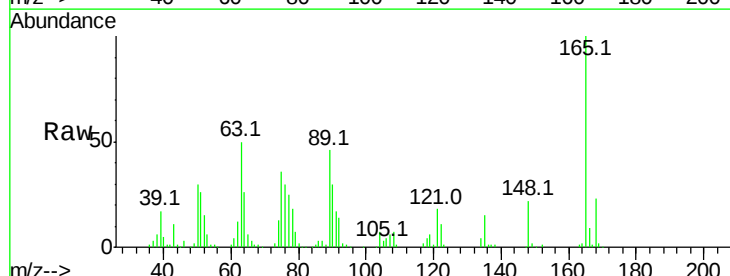


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

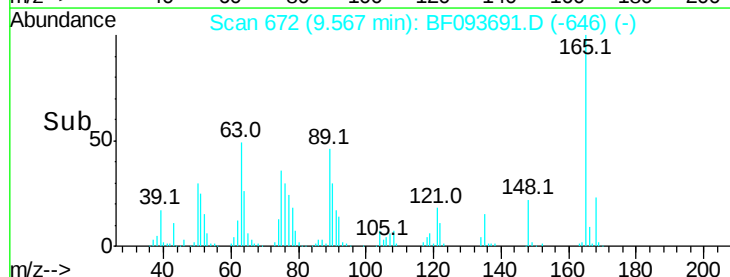
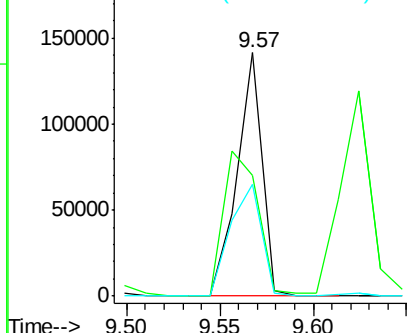


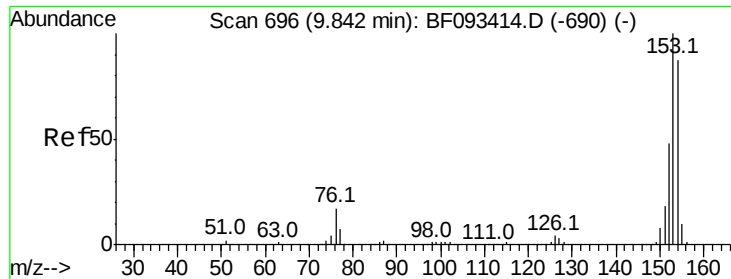
#50
2,6-Dinitrotoluene
Concen: 44.70 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Tgt Ion:165 Resp: 132411
Ion Ratio Lower Upper
165 100
63 49.6 36.2 54.4
89 45.7 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: 45.26 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

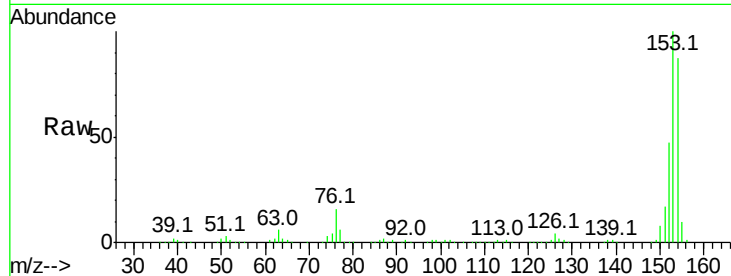
Tot Ion:154 Resp: 501242

Ion Ratio Lower Upper

154 100

153 114.4 88.6 133.0

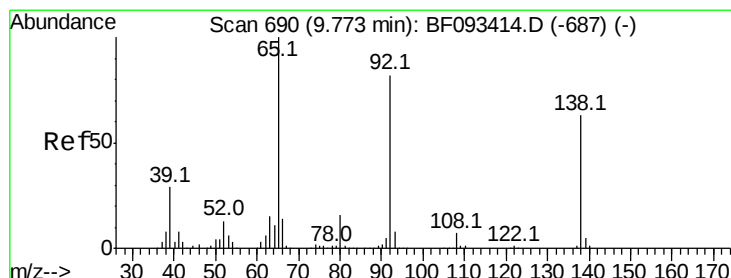
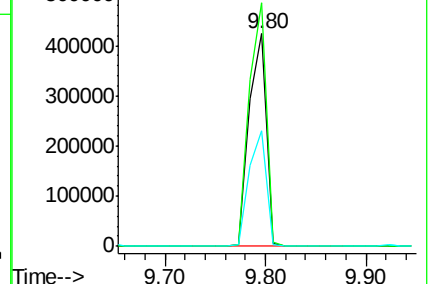
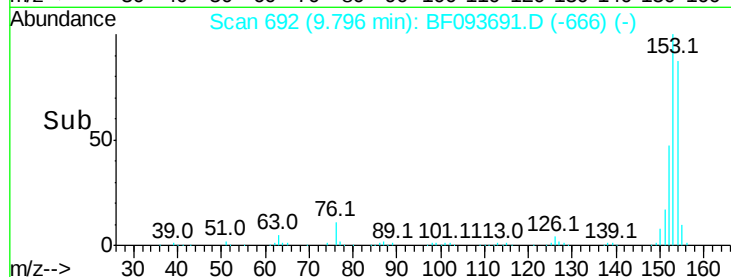
152 54.2 41.6 62.4



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: 43.99 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

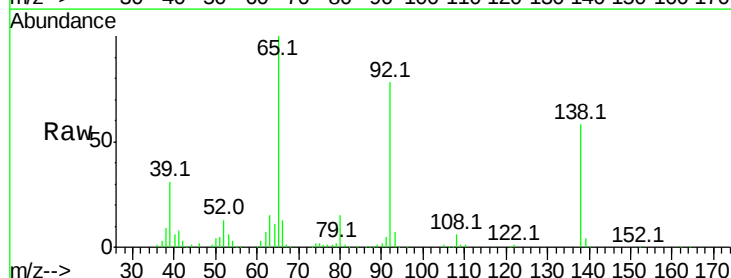
Tgt Ion:138 Resp: 156581

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

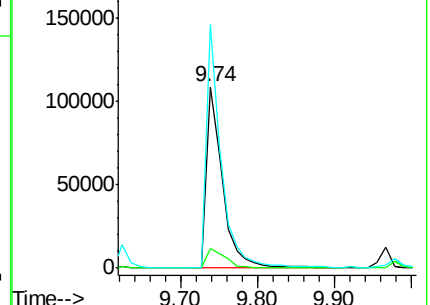
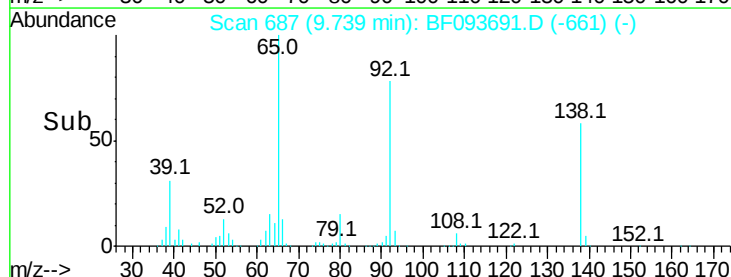
92 134.6 97.8 146.8

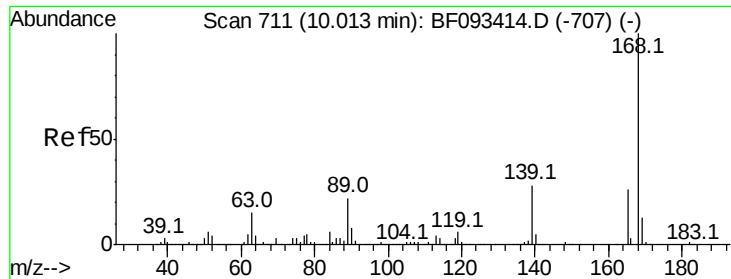


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

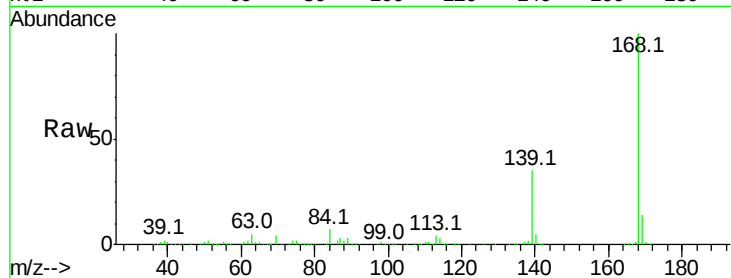




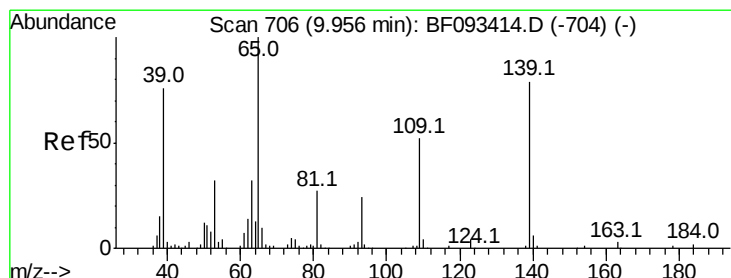
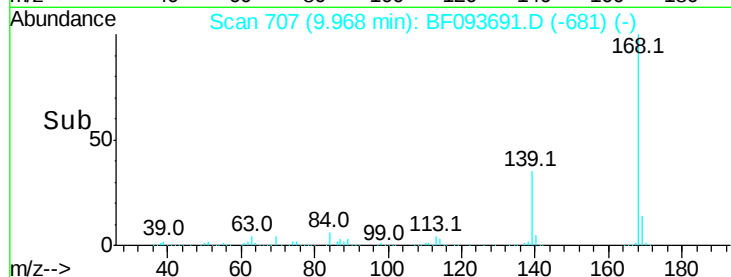
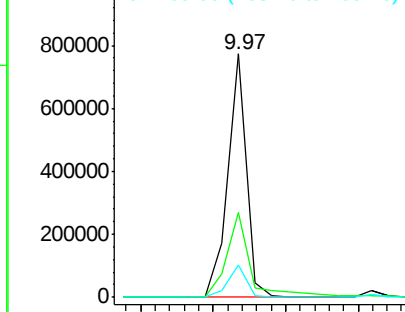
#54
Dibenzofuran
Concen: 49.44 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 685362
Ion Ratio Lower Upper
168 100
139 34.8 32.6 49.0
169 13.5 11.3 16.9

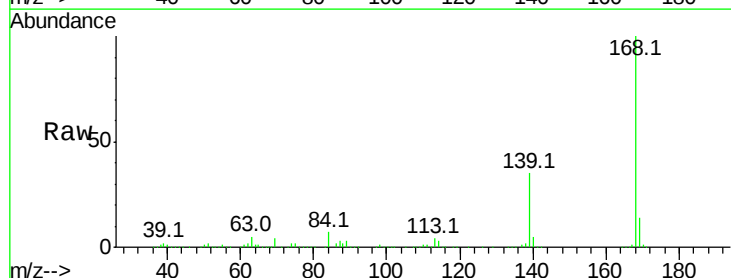


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

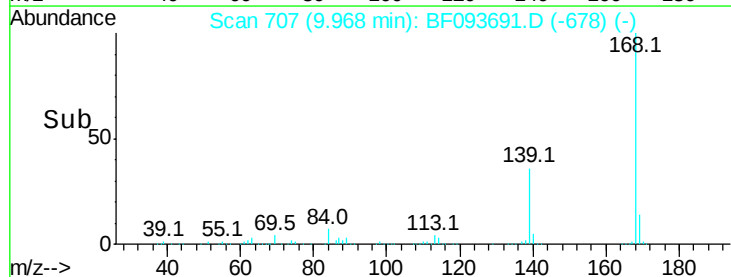
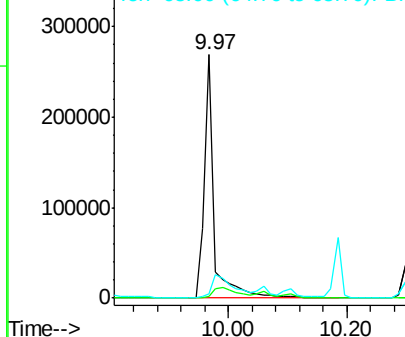


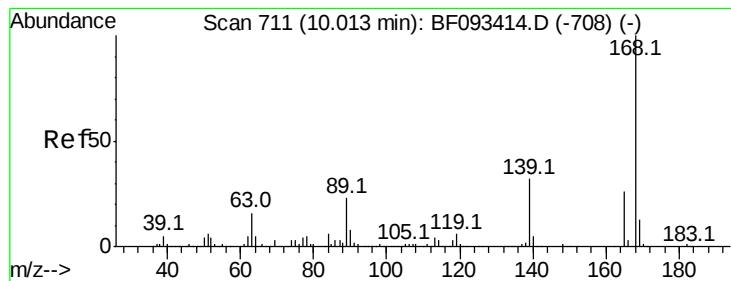
#55
4-Nitrophenol
Concen: 184.27 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Tgt Ion:139 Resp: 318546
Ion Ratio Lower Upper
139 100
109 0.7 52.2 92.2#
65 1.5 85.8 125.8#



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





#56

2,4-Dinitrotoluene

Concen: 44.83 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 163143

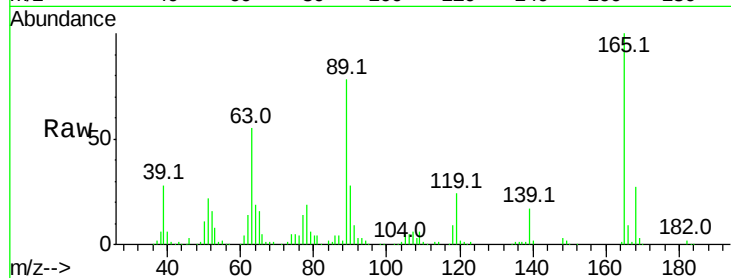
Ion Ratio Lower Upper

165 100

63 55.3 40.2 60.4

89 77.6 62.5 93.7

182 2.2 1.8 2.8

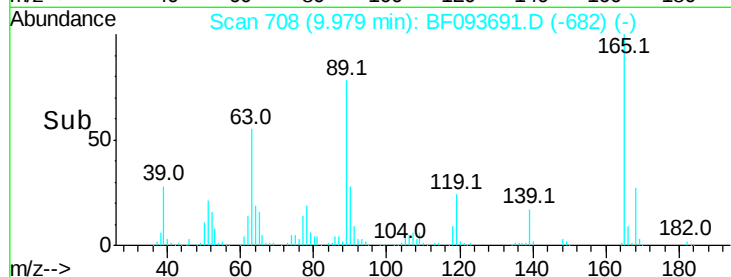


Abundance Ion 165.00 (164.70 to 165.70): E

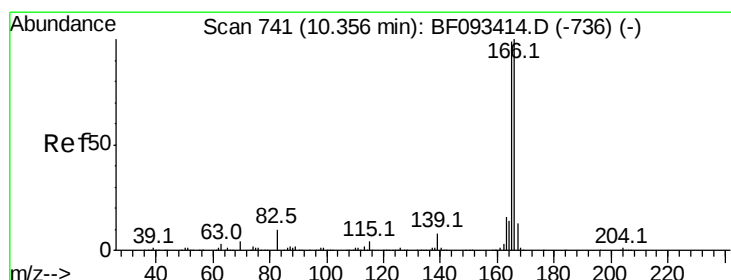
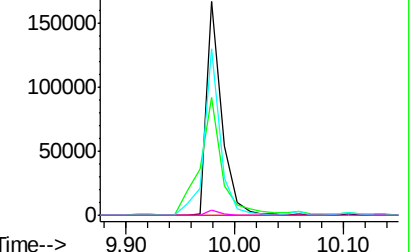
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Fluorene

Concen: 44.59 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

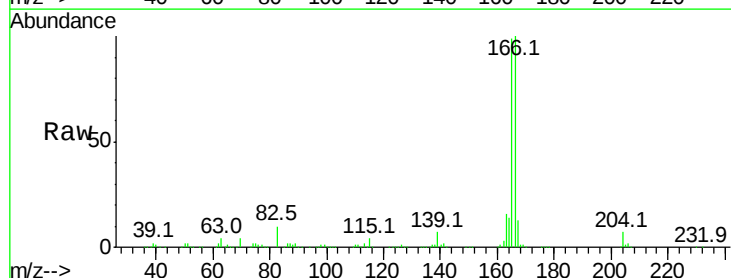
Tgt Ion:166 Resp: 523800

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.8

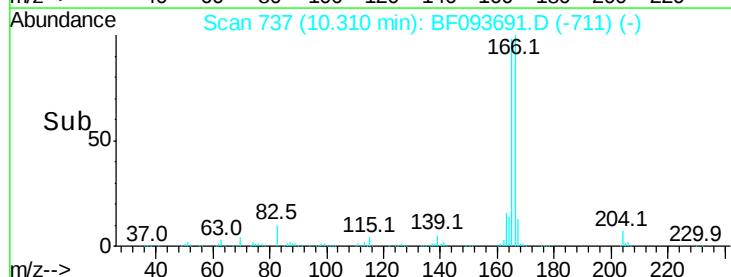
167 12.9 10.8 16.2



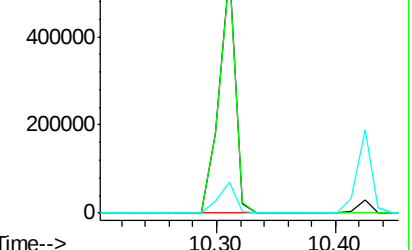
Abundance Ion 166.00 (165.70 to 166.70): E

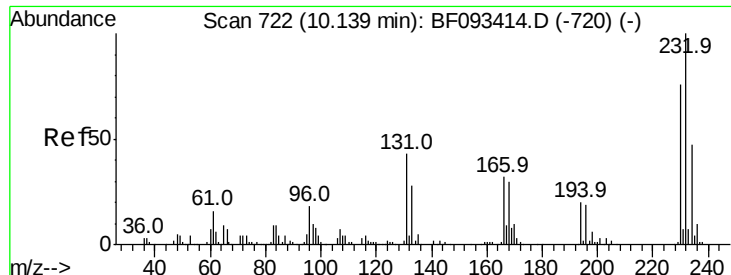
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

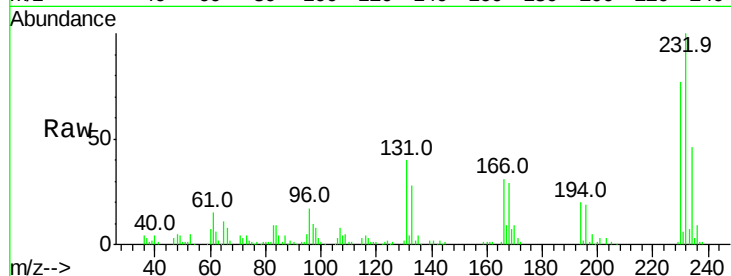




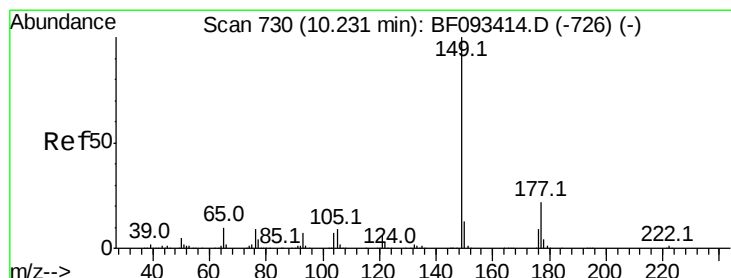
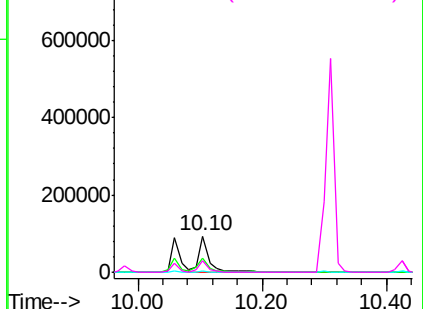
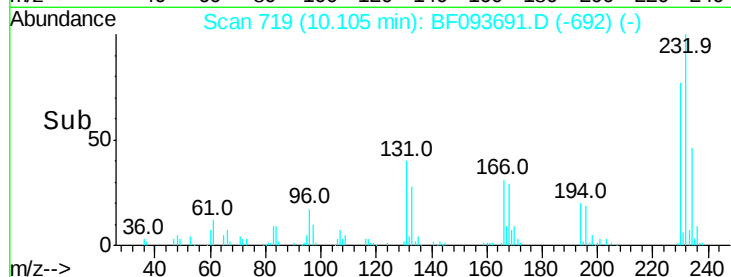
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.79 ng
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093691.D
 Acq: 16 Mar 2017 4:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 107310
 Ion Ratio Lower Upper
 232 100
 131 39.8 40.1 60.1#
 130 1.9 1.8 2.8
 166 31.9 26.6 39.8

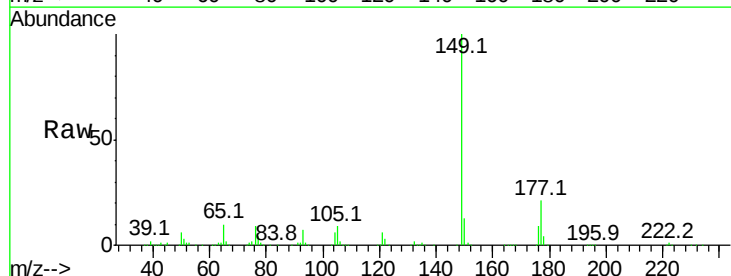


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

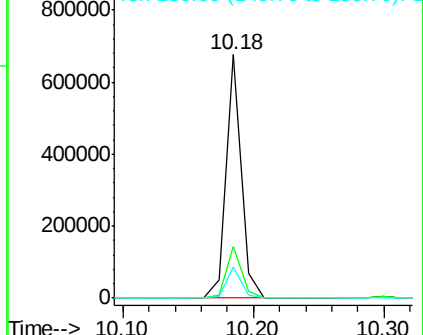
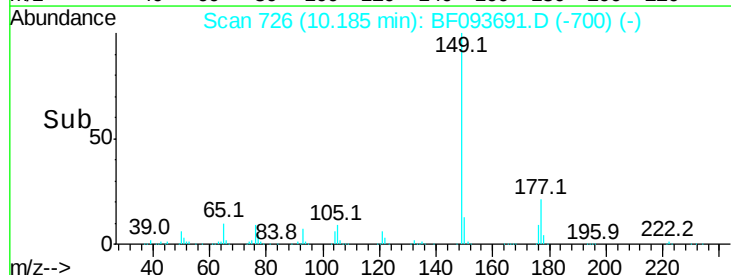


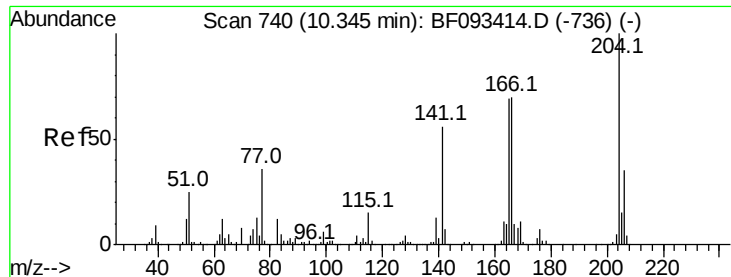
#59
 Diethylphthalate
 Concen: 42.49 ng
 RT: 10.18 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF093691.D
 Acq: 16 Mar 2017 4:12

Tgt Ion:149 Resp: 548261
 Ion Ratio Lower Upper
 149 100
 177 21.4 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

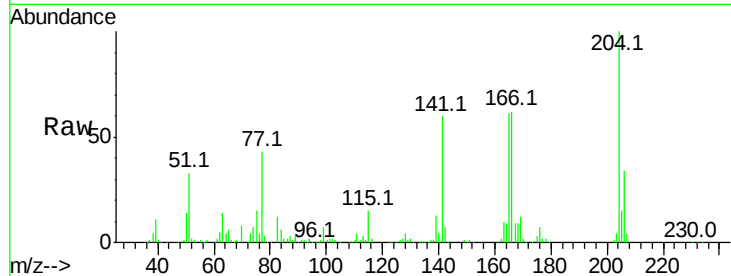




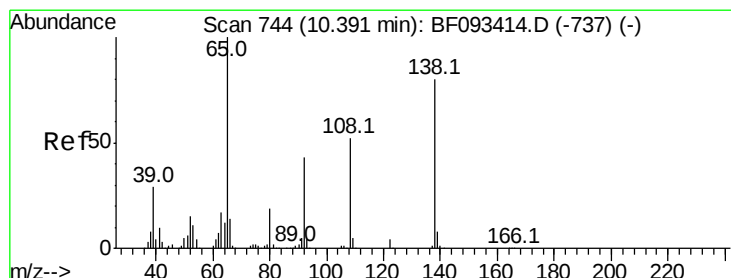
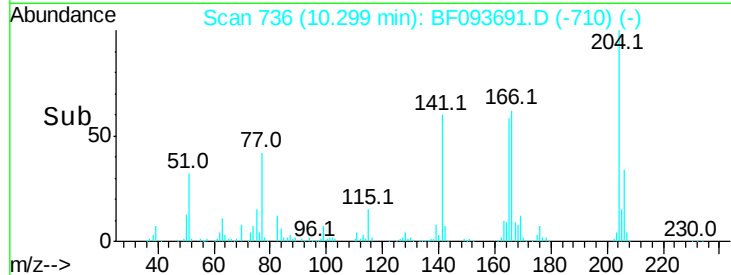
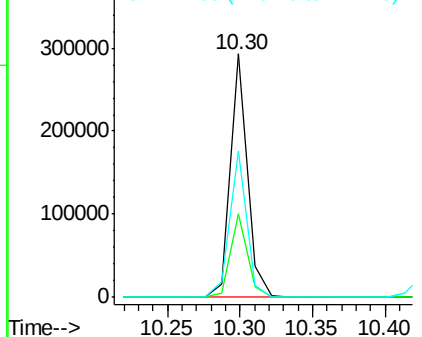
#60
4-Chlorophenyl-phenylether
Concen: 45.45 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	25.8	38.6
141	60.2	59.4	89.0

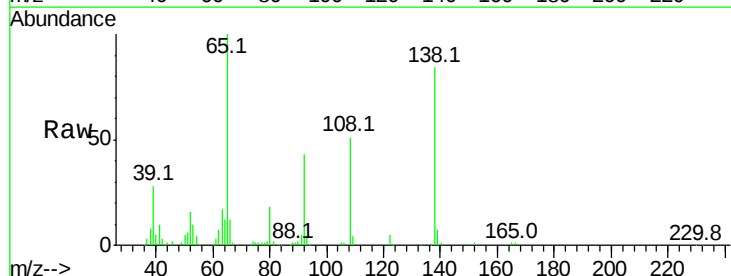


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

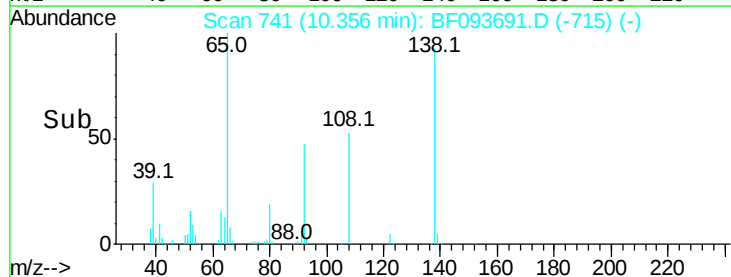
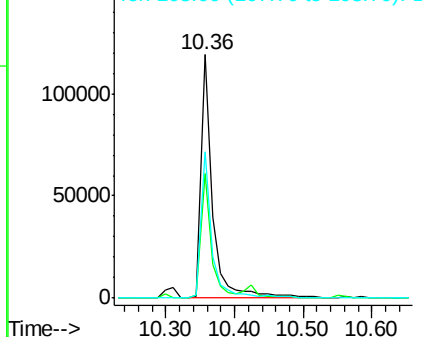


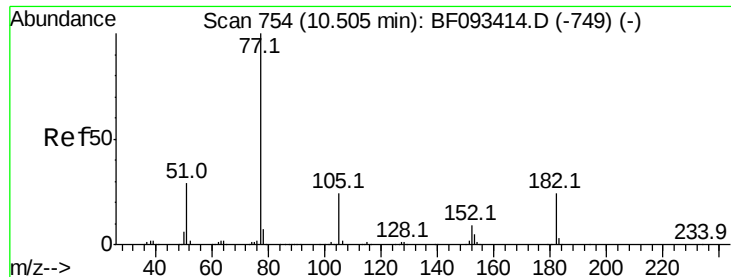
#61
4-Nitroaniline
Concen: 37.56 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	31.7	71.7
108	60.2	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: 37.28 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 546639

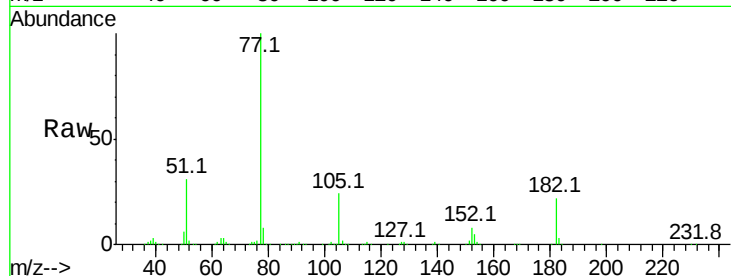
Ion Ratio Lower Upper

77 100

182 21.9 0.0 39.3

105 23.8 2.3 42.3

51 30.7 8.9 48.9

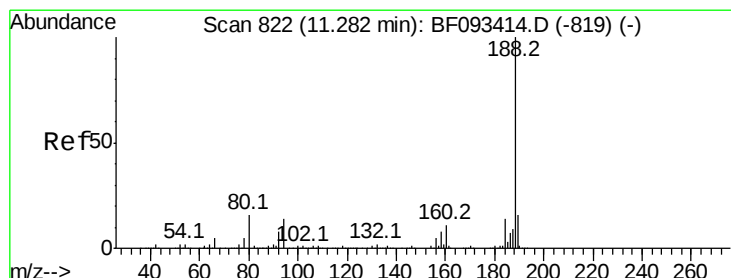
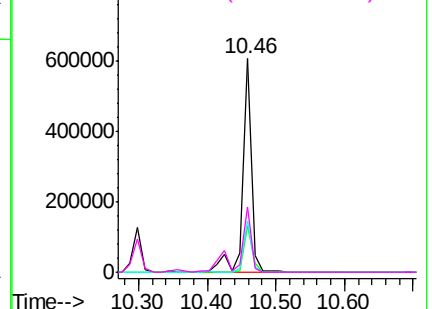
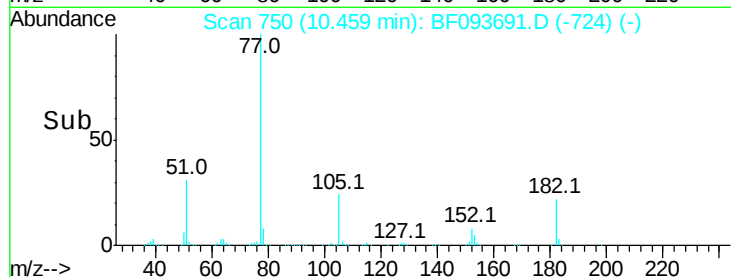


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

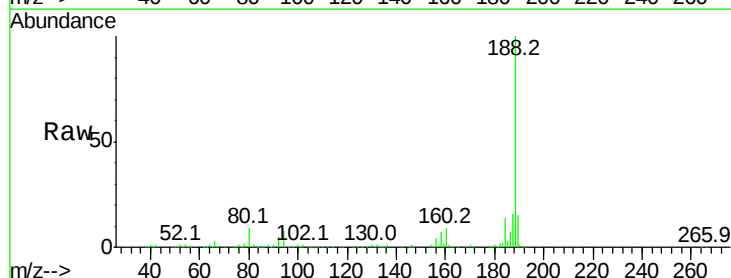
Tgt Ion: 188 Resp: 294811

Ion Ratio Lower Upper

188 100

94 8.3 10.0 15.0#

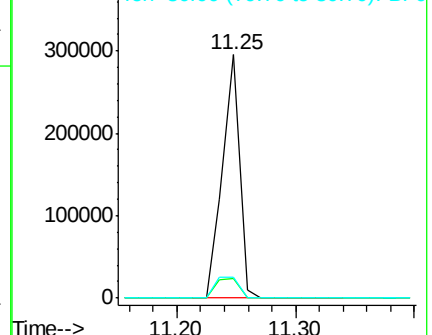
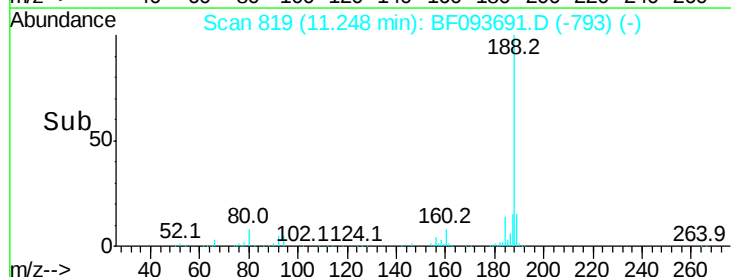
80 8.6 11.2 16.8#

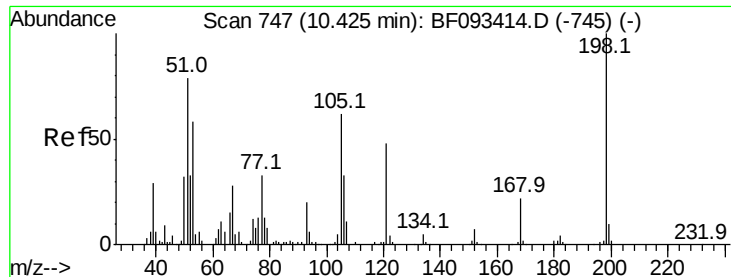


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.09 ng

RT: 10.40 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

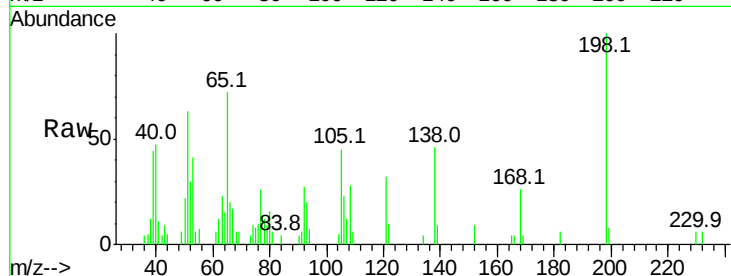
Tot Ion:198 Resp: 11624

Ion Ratio Lower Upper

198 100

51 62.9 6.7 46.7#

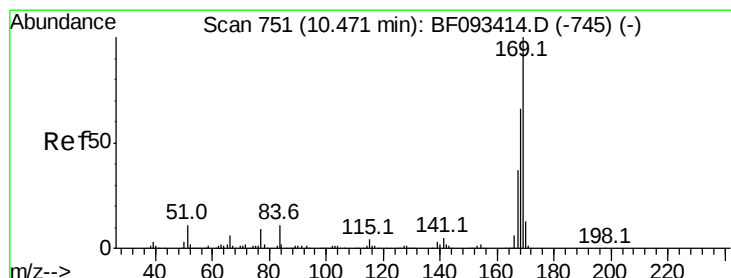
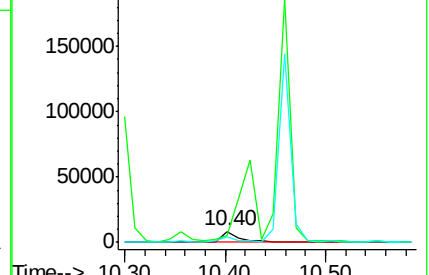
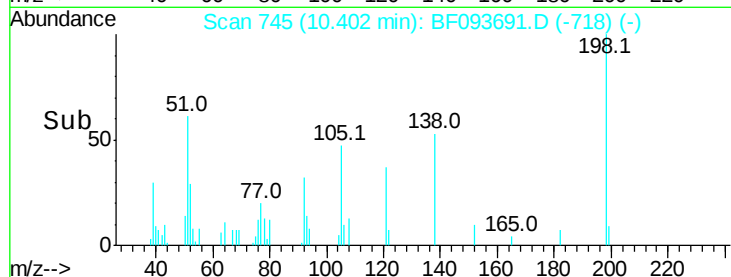
105 45.4 16.6 56.6



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: 44.30 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

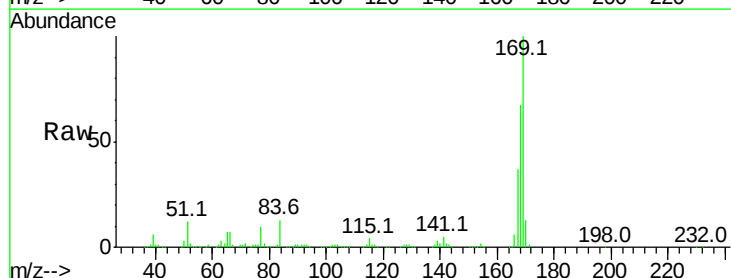
Tgt Ion:169 Resp: 436049

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.2

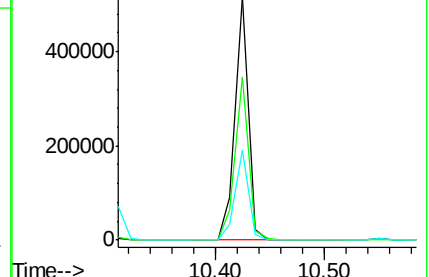
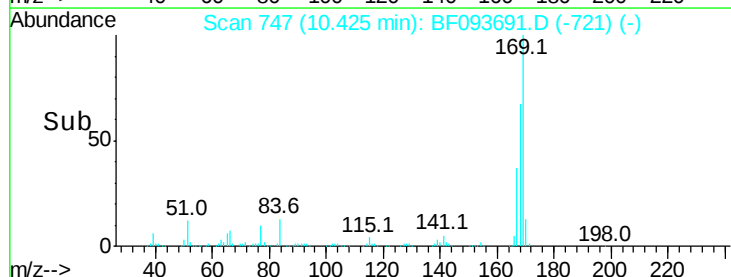
167 36.8 30.2 45.4

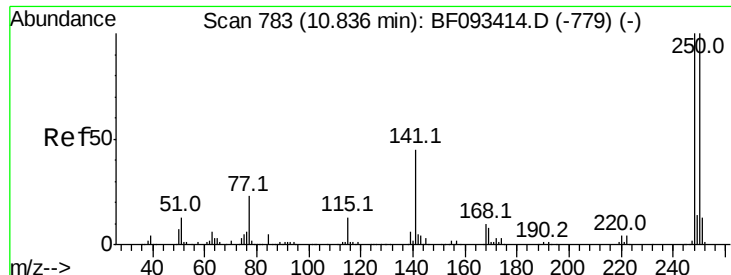


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

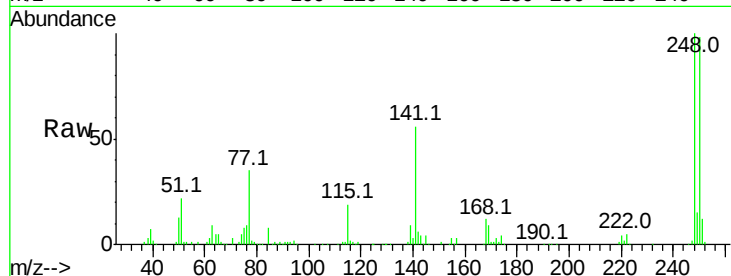




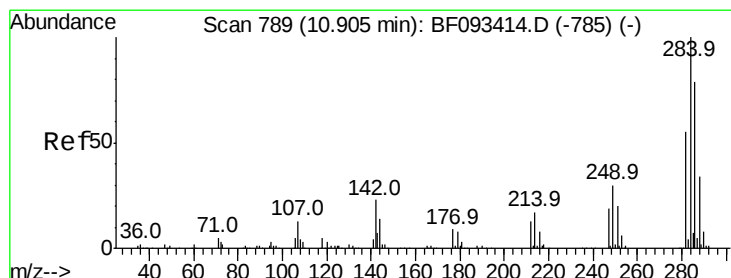
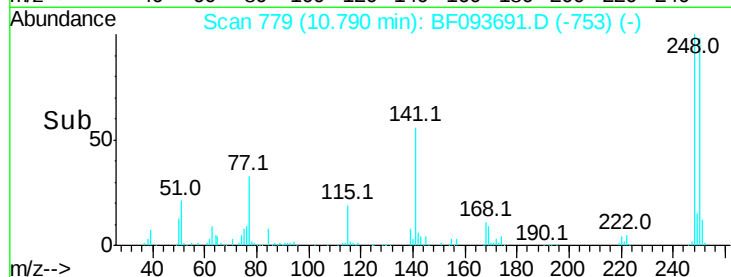
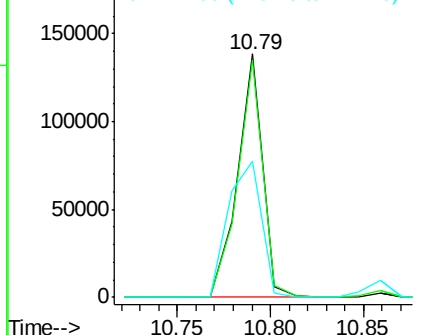
#66
 4-Bromophenyl-phenylether
 Concen: 41.62 ng
 RT: 10.79 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF093691.D
 Acq: 16 Mar 2017 4:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.9	115.3
141	56.0	68.2	102.4

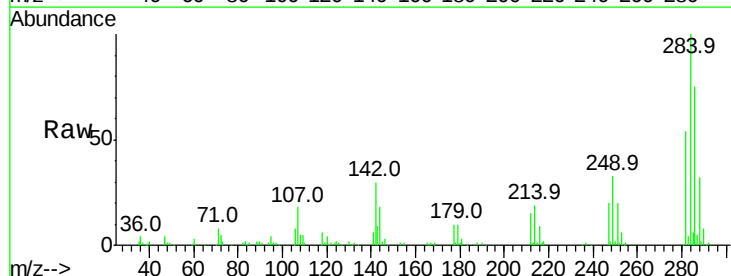


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

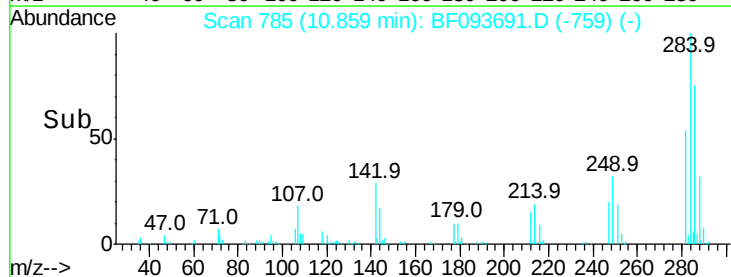
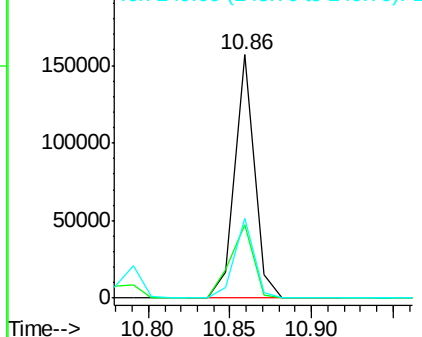


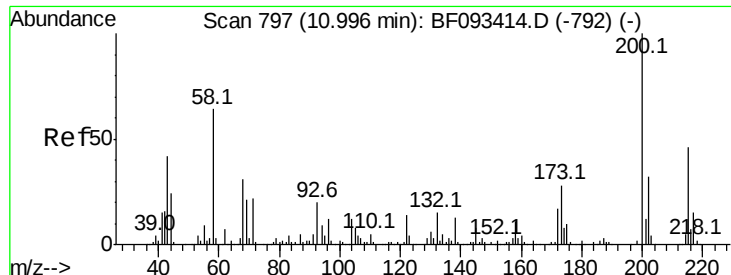
#67
 Hexachlorobenzene
 Concen: 43.66 ng
 RT: 10.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF093691.D
 Acq: 16 Mar 2017 4:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	22.6	33.8
249	32.5	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

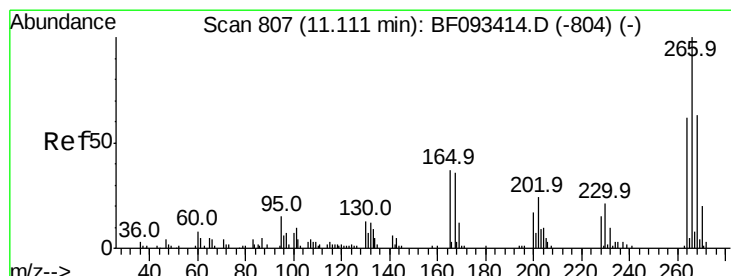
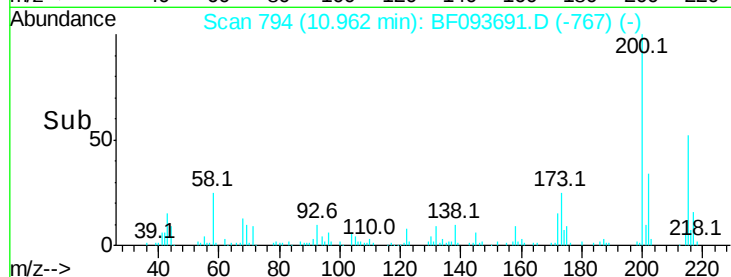
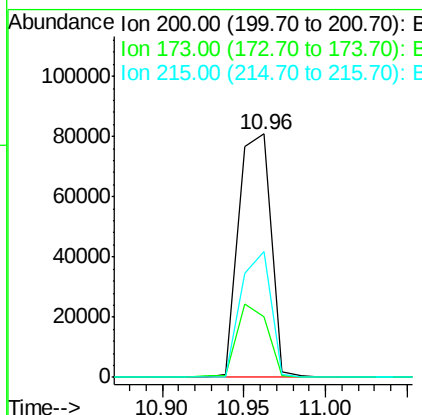
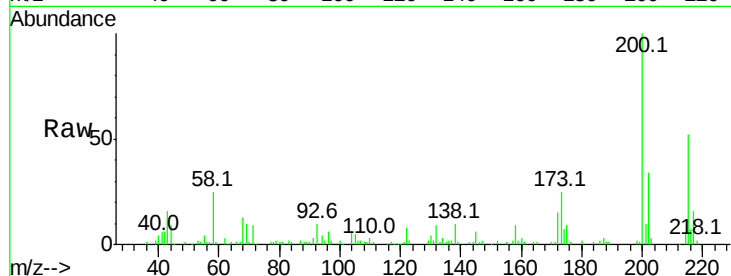




#68
Atrazine
Concen: 38.27 ng
RT: 10.96 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

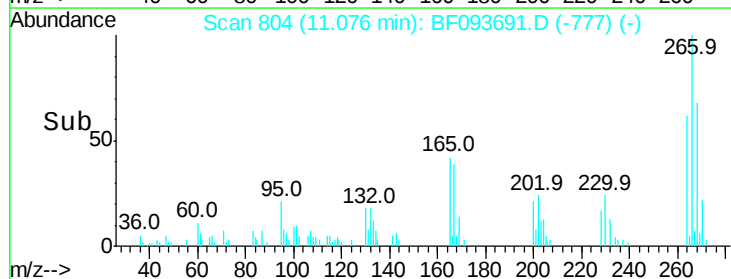
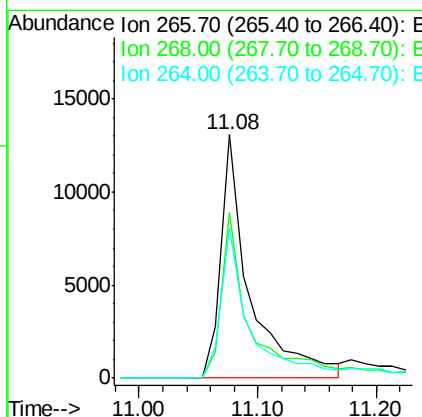
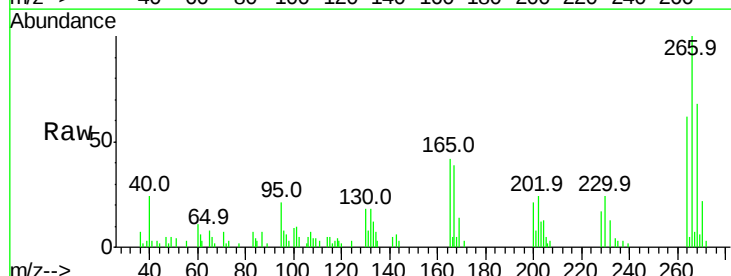
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

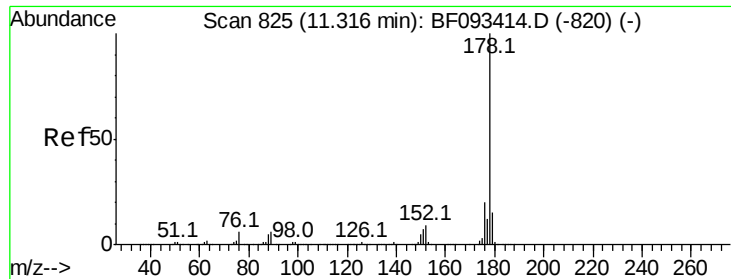
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.7	9.6	49.6
215	51.7	25.7	65.7



#69
Pentachlorophenol
Concen: 21.58 ng
RT: 11.08 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.2	53.3	79.9
264	61.6	50.3	75.5





#70

Phenanthrene

Concen: 39.68 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

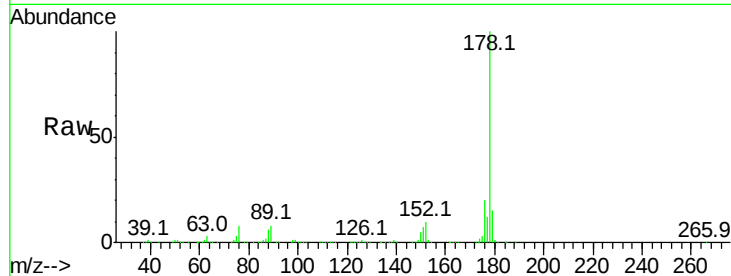
Tot Ion:178 Resp: 667702

Ion Ratio Lower Upper

178 100

176 19.9 16.6 25.0

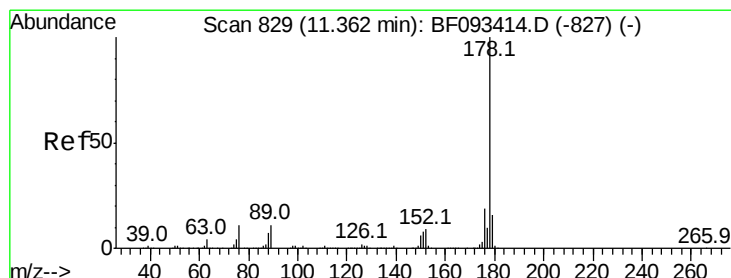
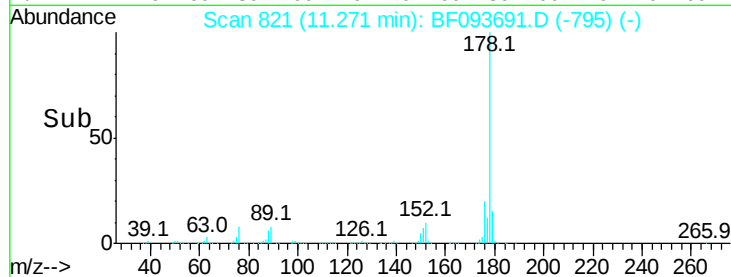
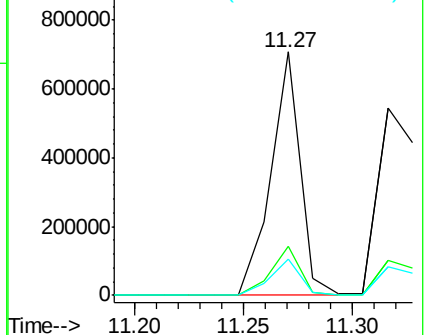
179 15.0 12.8 19.2



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: 41.53 ng

RT: 11.32 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

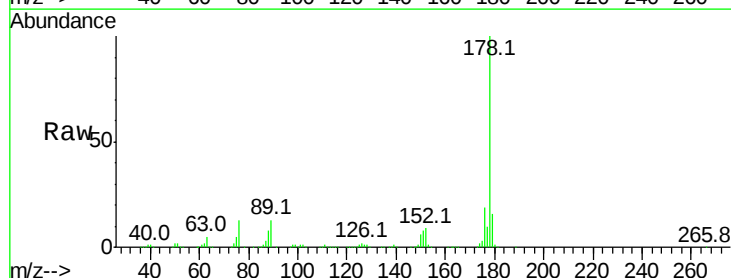
Tgt Ion:178 Resp: 706932

Ion Ratio Lower Upper

178 100

176 18.5 15.9 23.9

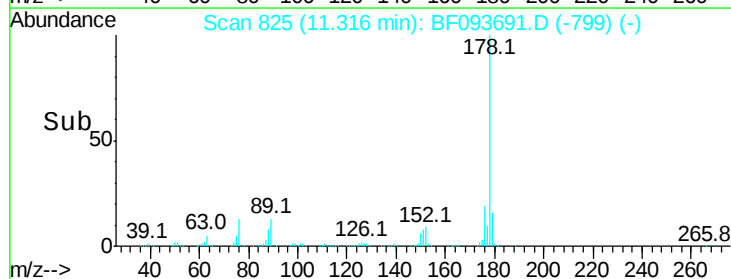
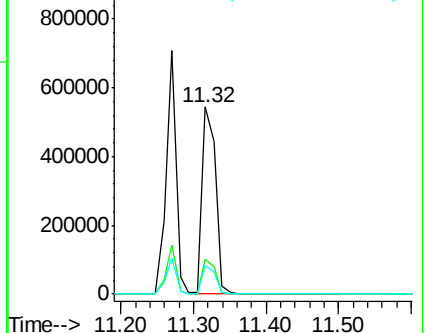
179 15.6 13.2 19.8

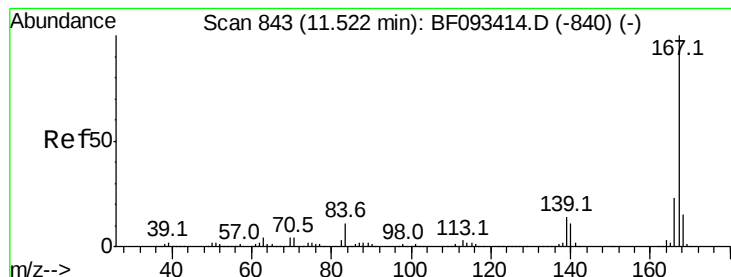


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 43.16 ng

RT: 11.49 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

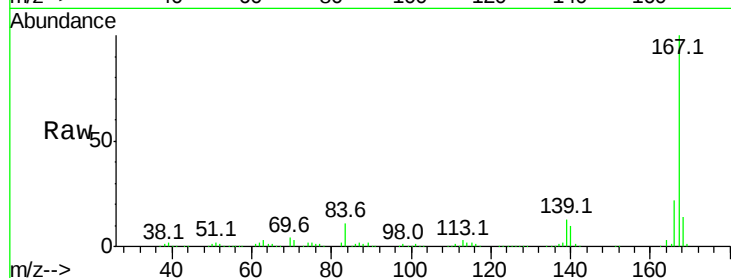
Tot Ion:167 Resp: 690246

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

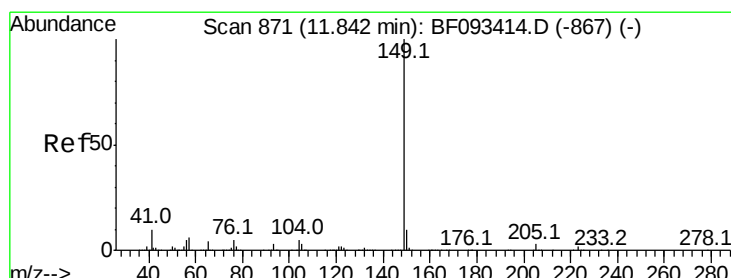
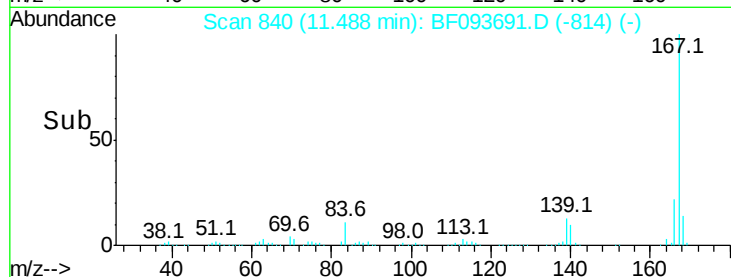
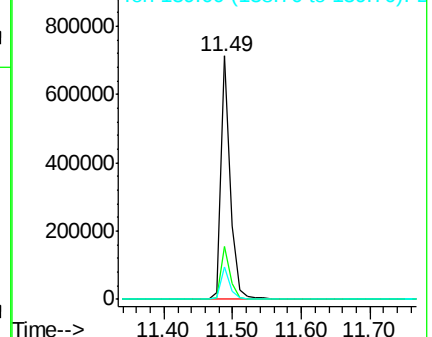
139 13.2 11.4 17.2



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: 43.13 ng

RT: 11.81 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

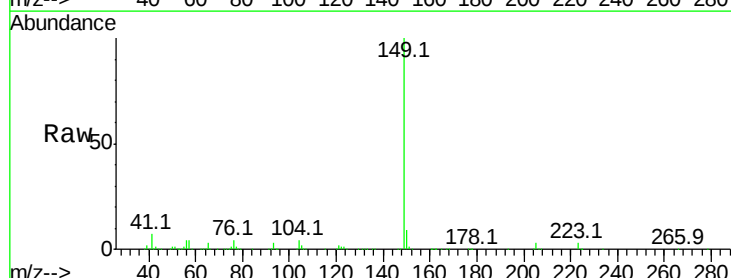
Tgt Ion:149 Resp: 797923

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

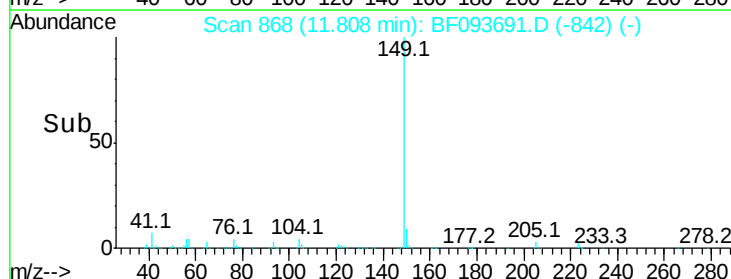
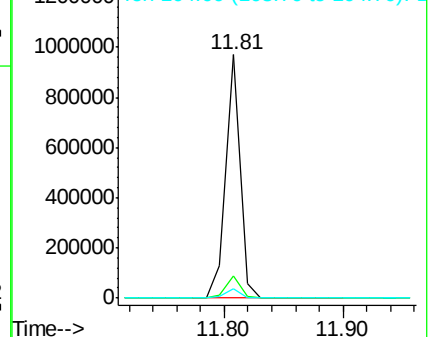
104 3.8 4.6 7.0#

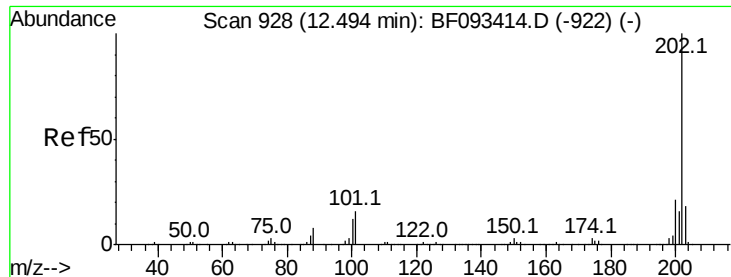


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

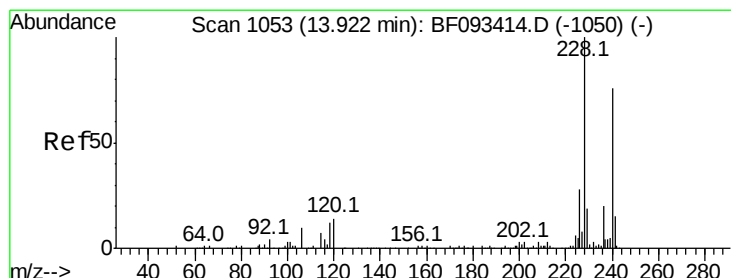
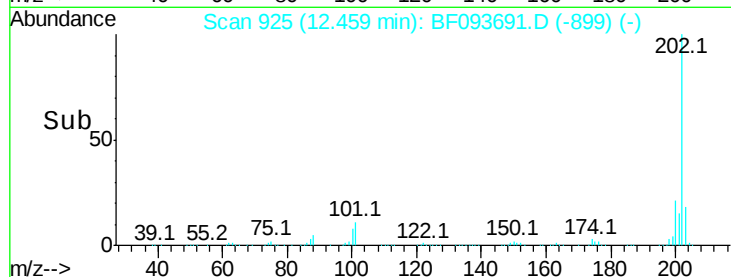
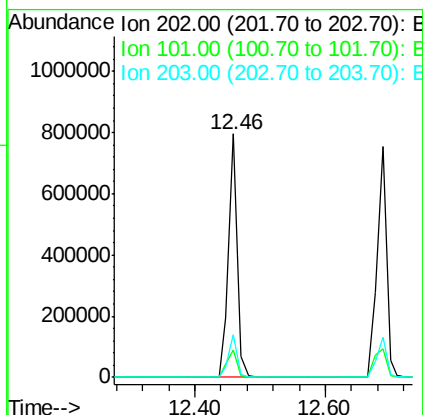
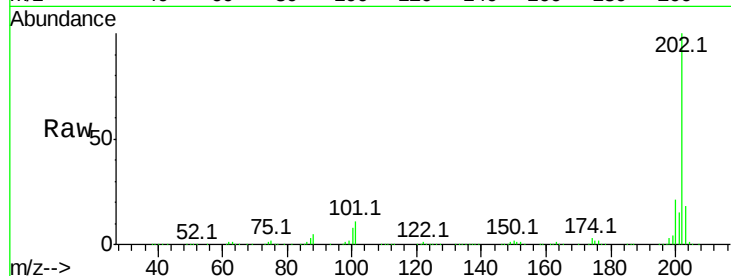




#74
 Fluoranthene
 Concen: 45.26 ng
 RT: 12.46 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF093691.D
 Acq: 16 Mar 2017 4:12

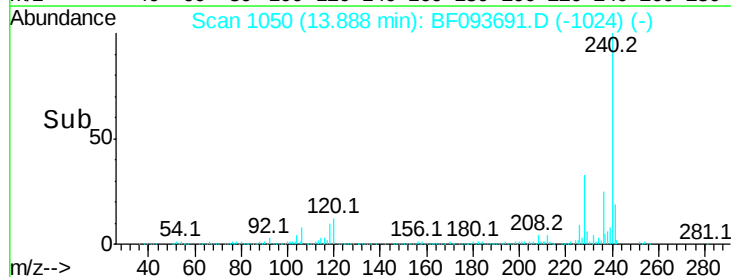
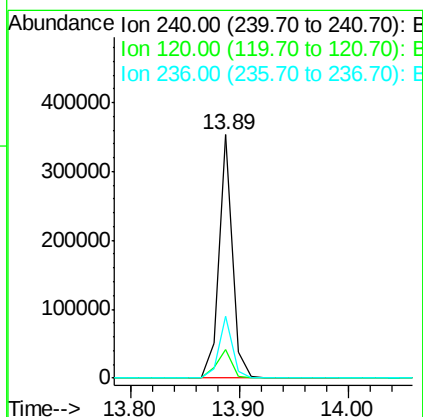
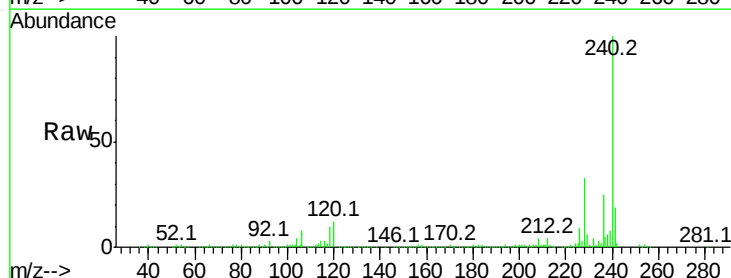
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

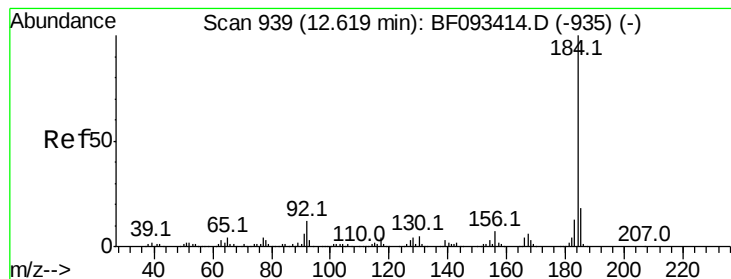
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.6
203	17.8	0.0	38.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF093691.D
 Acq: 16 Mar 2017 4:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	12.9	19.3#
236	25.4	20.9	31.3





#76

Benzidine

Concen: 37.26 ng

RT: 12.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

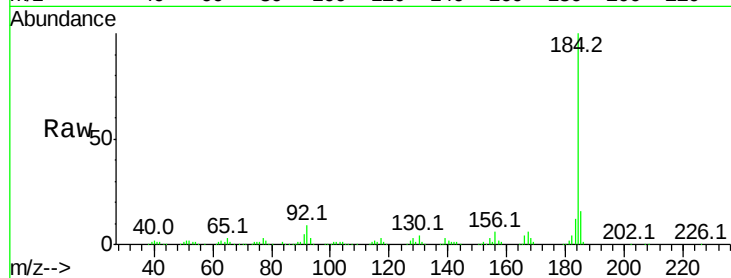
Tot Ion:184 Resp: 376637

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.0

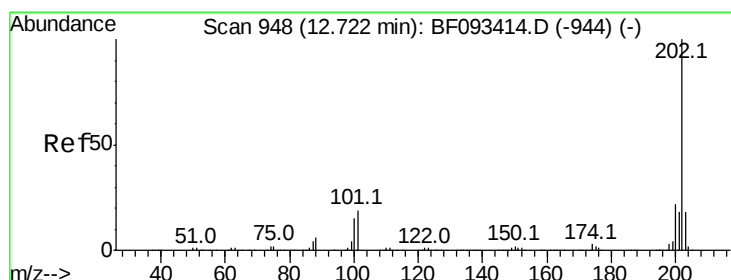
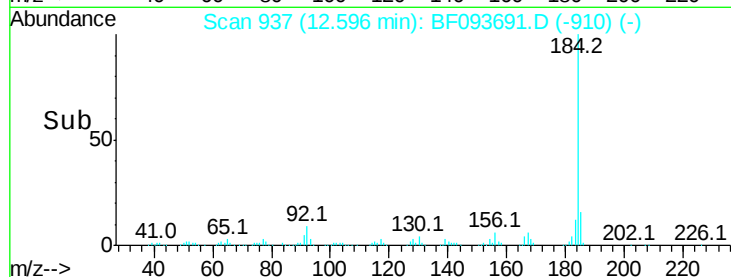
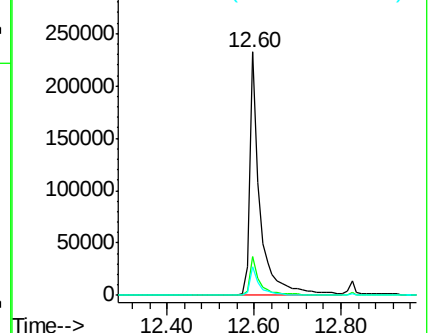
183 11.9 9.2 13.8



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

Pyrene

Concen: 33.88 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

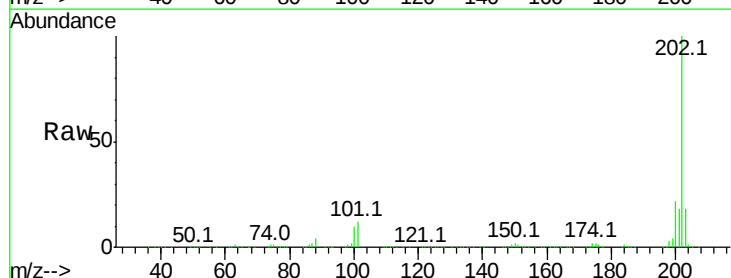
Tgt Ion:202 Resp: 757452

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

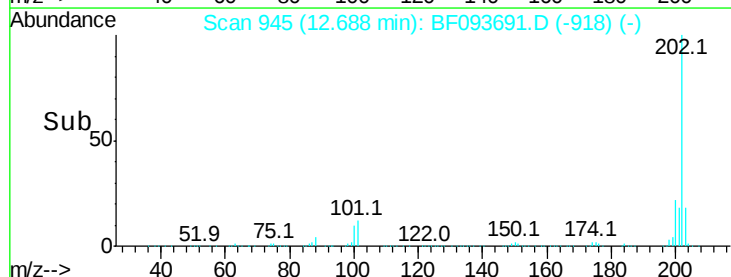
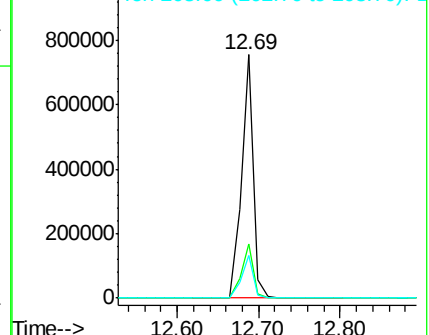
203 17.6 14.7 22.1

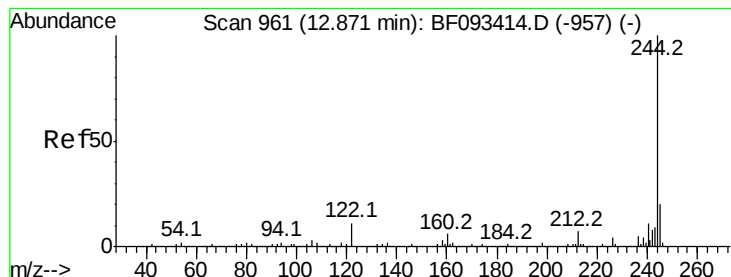


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.15 ng

RT: 12.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

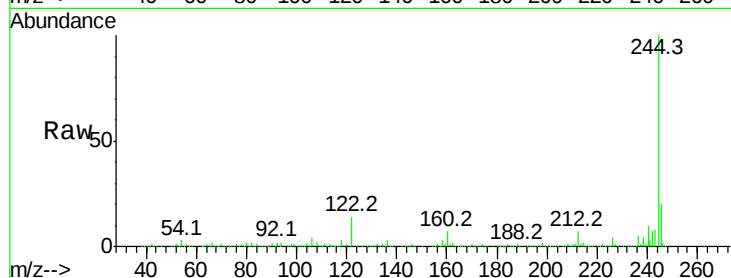
Tot Ion:244 Resp: 852958

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

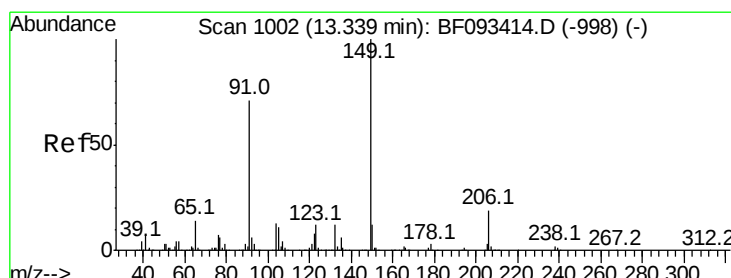
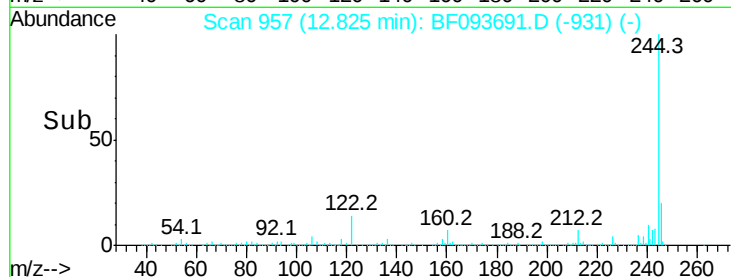
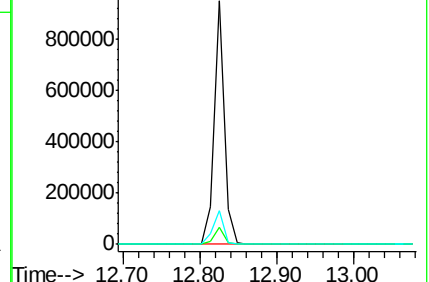
122 13.9 11.4 17.2



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: 34.94 ng

RT: 13.29 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

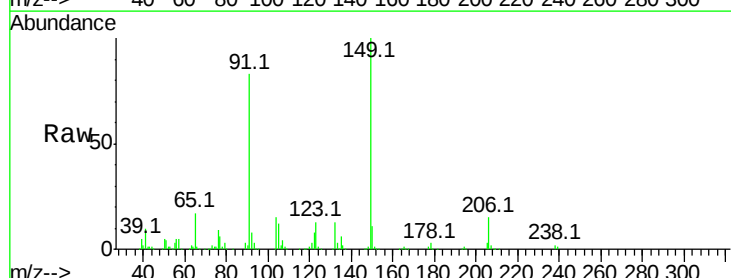
Tgt Ion:149 Resp: 328797

Ion Ratio Lower Upper

149 100

91 82.5 63.9 95.9

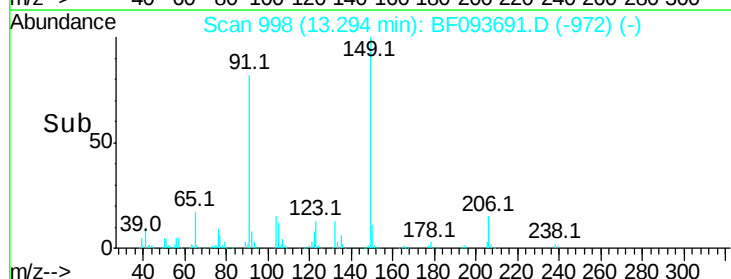
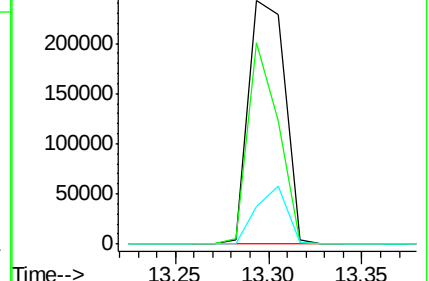
206 15.2 14.6 21.8

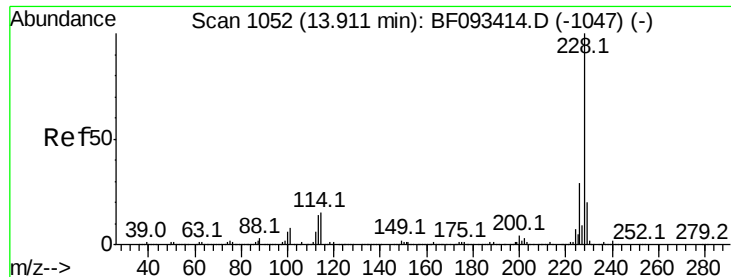


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.15 ng

RT: 13.88 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

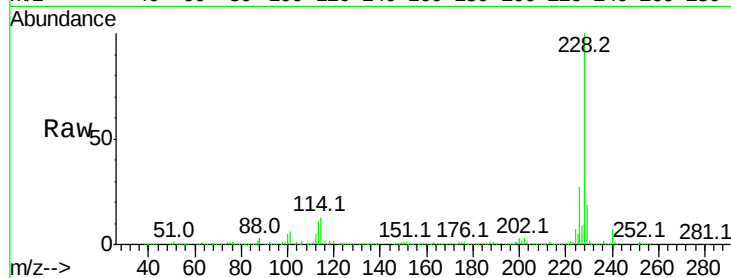
Tot Ion:228 Resp: 710614

Ion Ratio Lower Upper

228 100

226 27.4 22.4 33.6

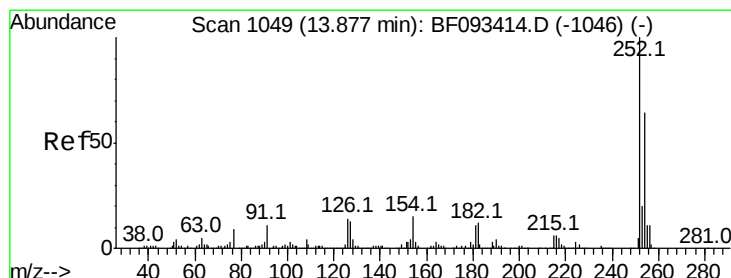
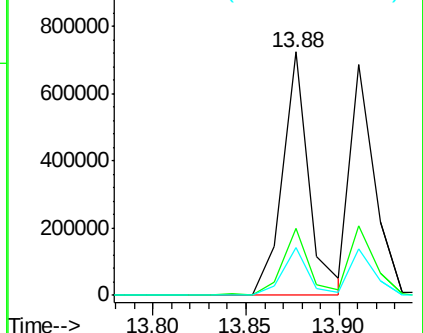
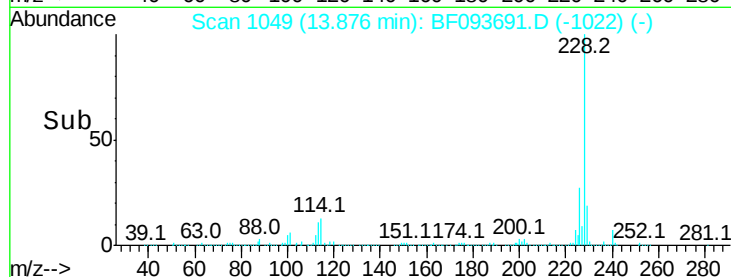
229 19.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 40.63 ng

RT: 13.84 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

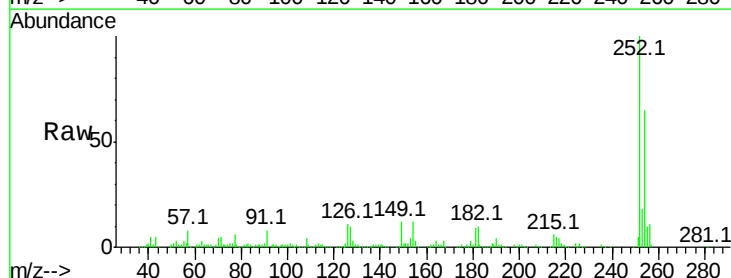
Tgt Ion:252 Resp: 258325

Ion Ratio Lower Upper

252 100

254 65.0 52.3 78.5

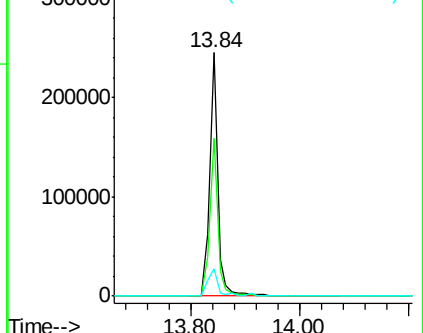
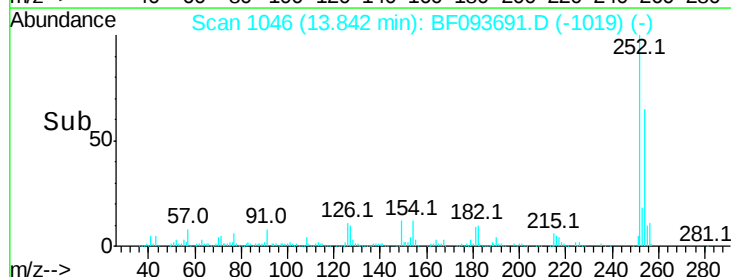
126 11.0 13.6 20.4#

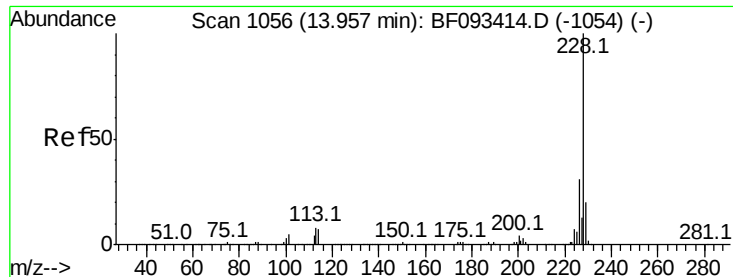


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.74 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

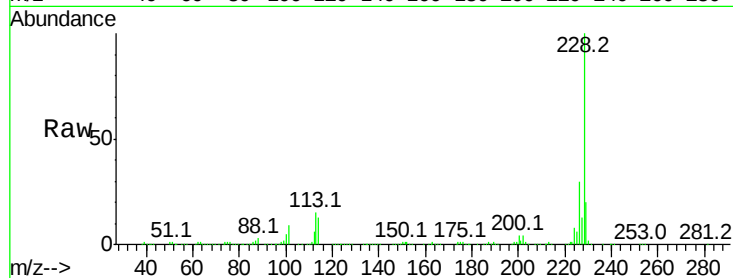
Tot Ion:228 Resp: 633797

Ion Ratio Lower Upper

228 100

226 30.3 25.4 38.0

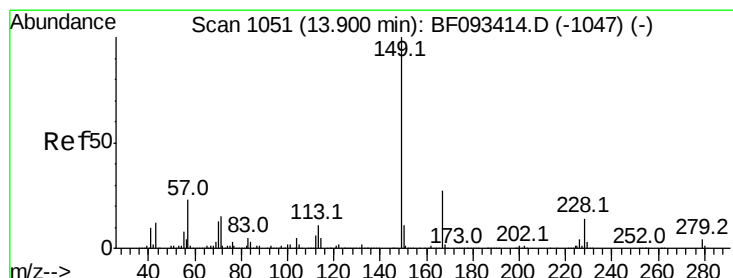
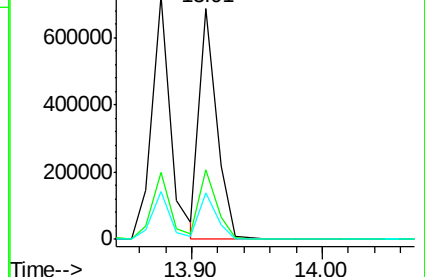
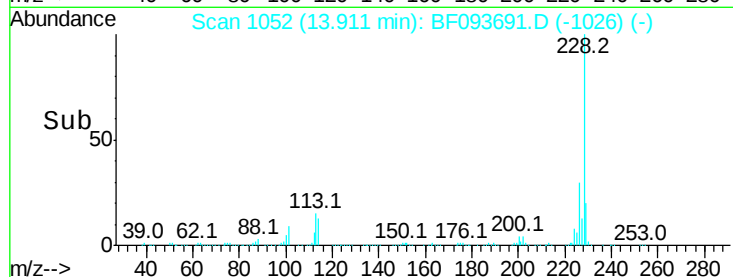
229 19.8 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 35.94 ng

RT: 13.85 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

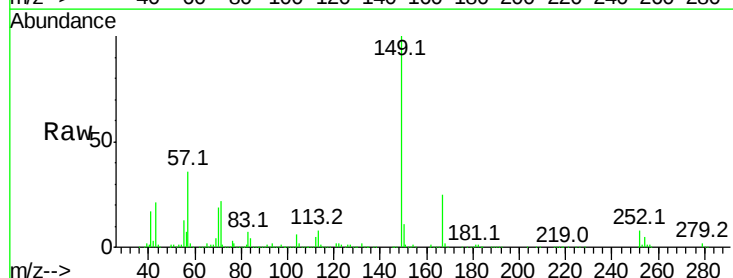
Tgt Ion:149 Resp: 471350

Ion Ratio Lower Upper

149 100

167 25.5 20.2 30.4

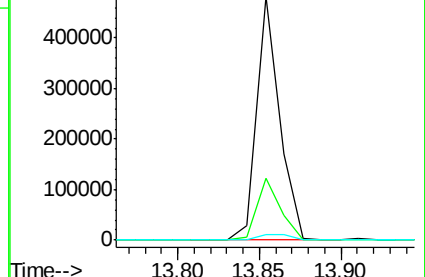
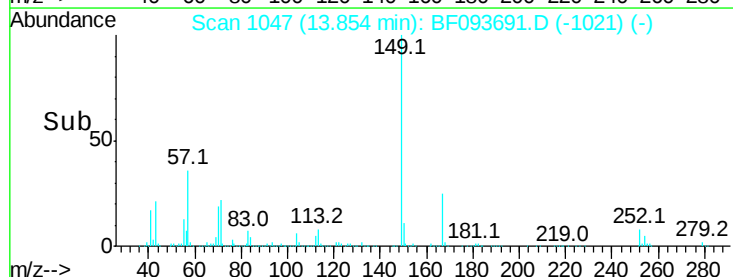
279 2.2 1.8 2.8

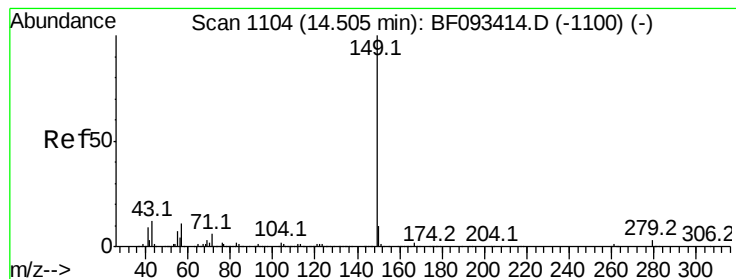


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 40.35 ng

RT: 14.47 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

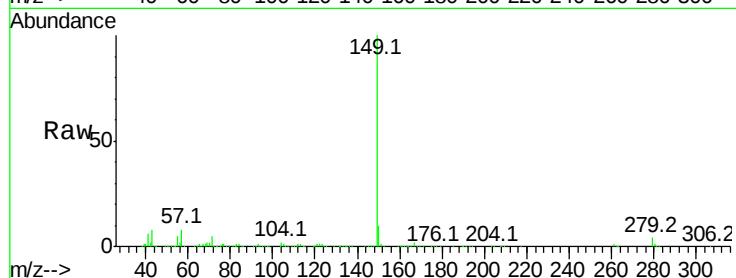
Tot Ion:149 Resp: 882139

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

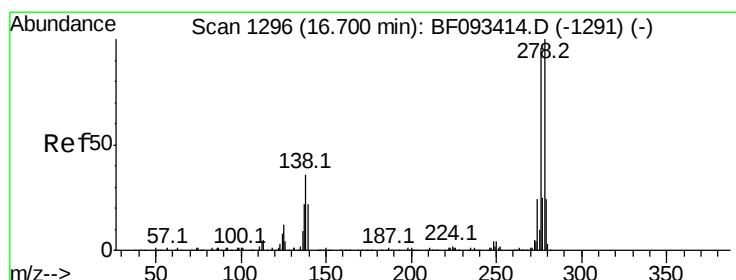
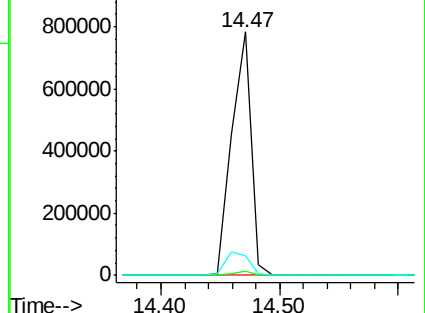
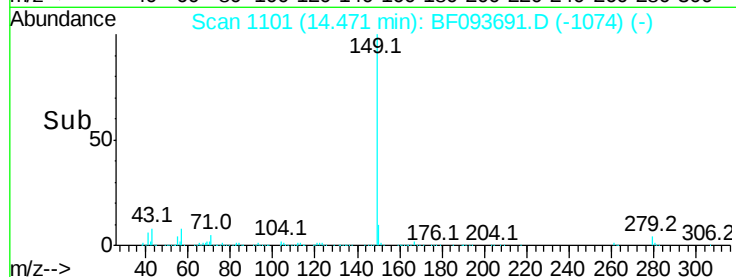
43 11.0 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 38.11 ng

RT: 16.64 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

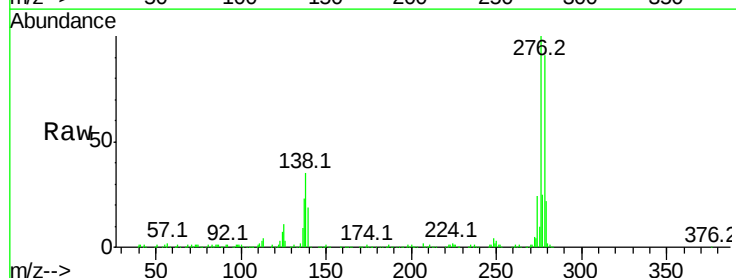
Tgt Ion:276 Resp: 535759

Ion Ratio Lower Upper

276 100

138 33.8 21.8 32.6#

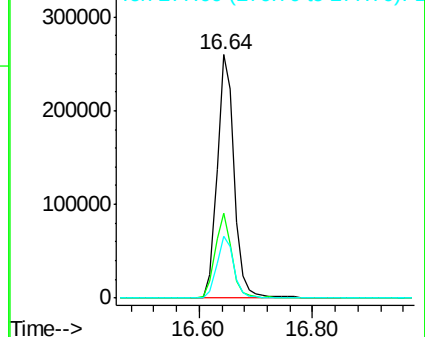
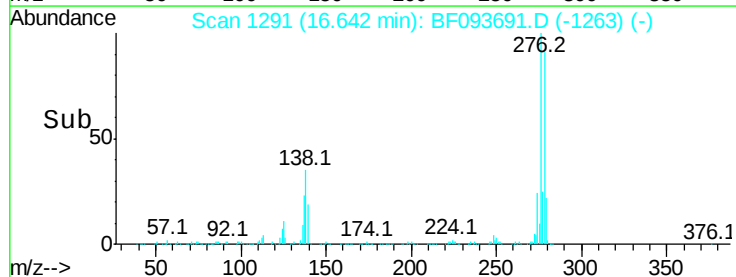
277 25.3 20.2 30.4

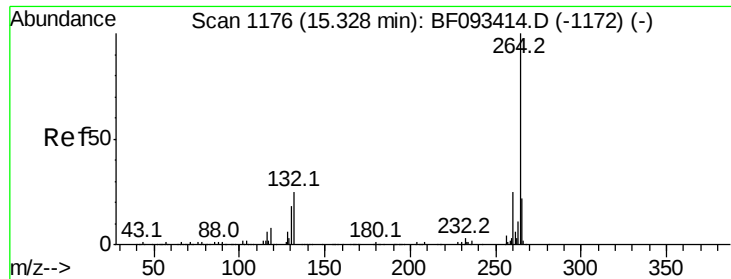


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

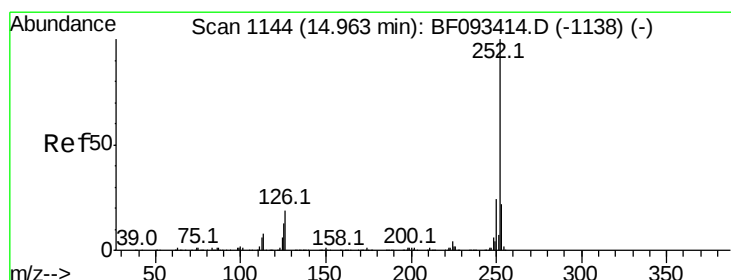
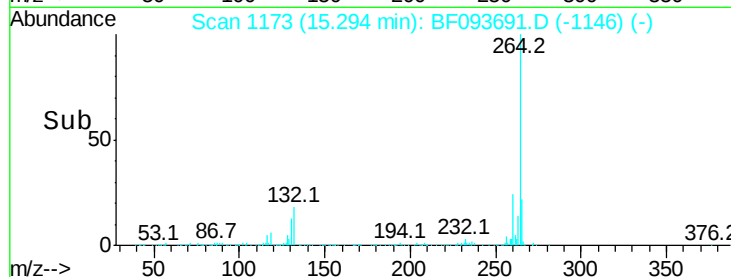
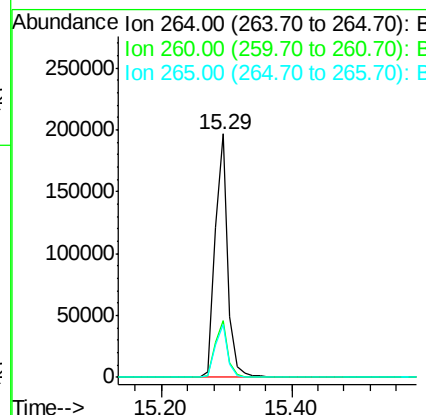
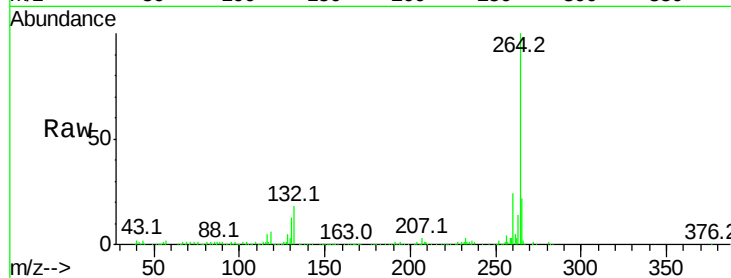




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

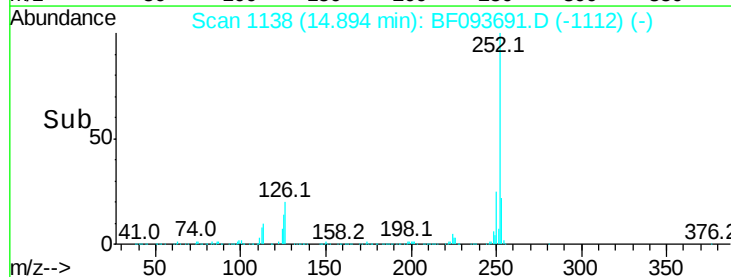
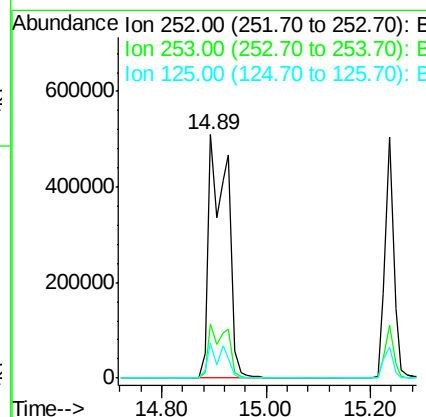
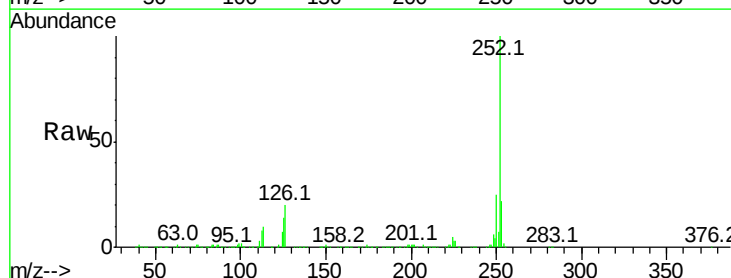
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

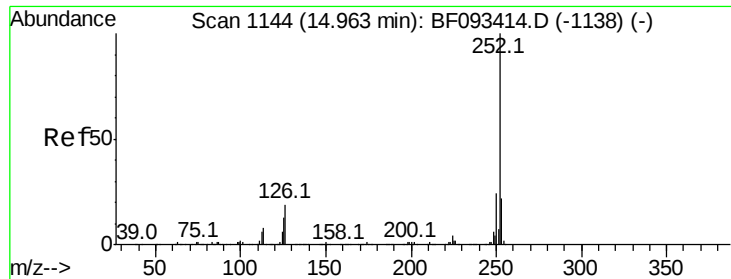
Tot Ion:264 Resp: 266175
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.8 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 79.18 ng
RT: 14.89 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Tgt Ion:252 Resp: 1283508
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 14.5 9.8 14.6

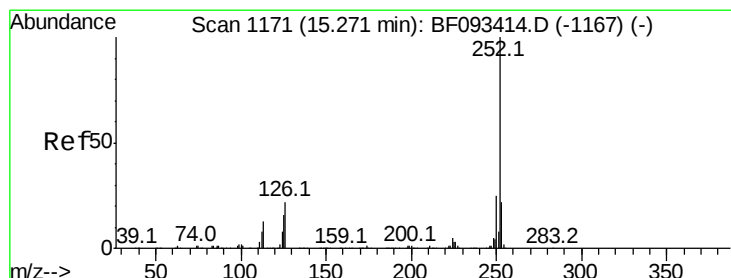
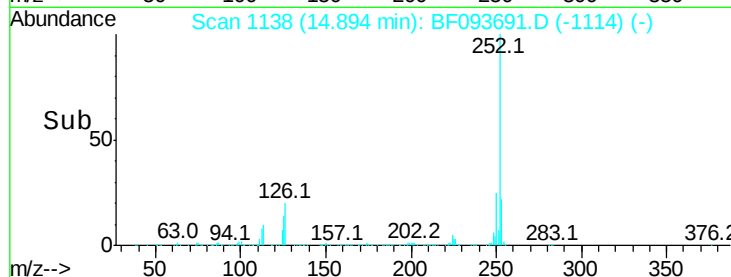
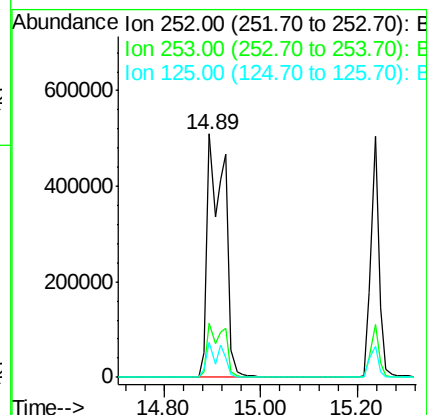
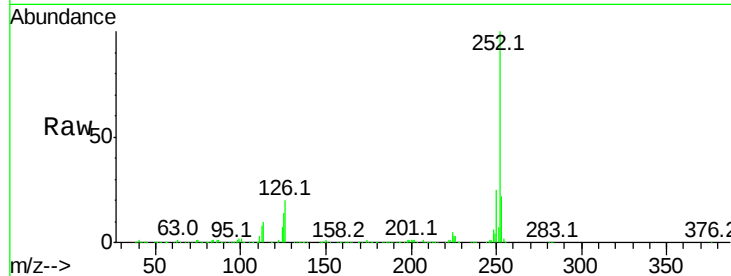




#88
Benzo(k)fluoranthene
Concen: 82.13 ng
RT: 14.89 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

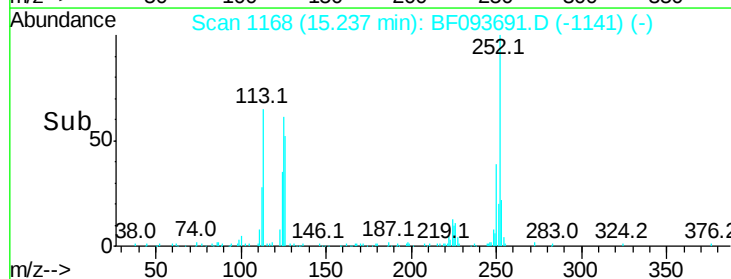
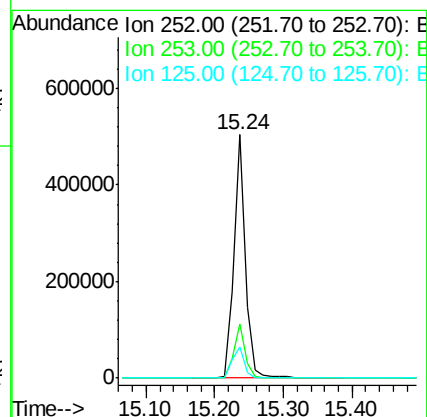
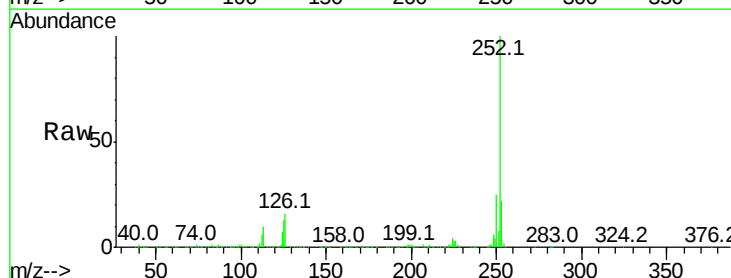
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

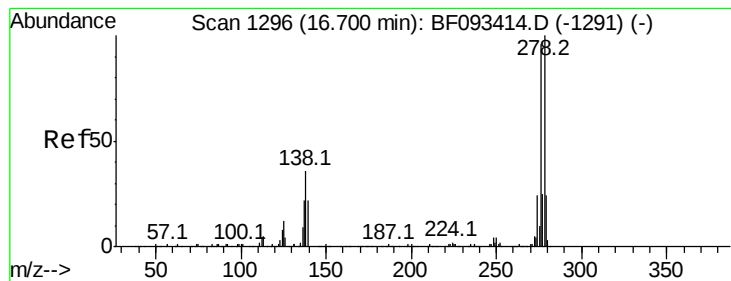
Tot Ion:252 Resp: 1284039
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 14.5 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 40.11 ng
RT: 15.24 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF093691.D
Acq: 16 Mar 2017 4:12

Tgt Ion:252 Resp: 594252
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 12.8 10.0 15.0





#90

Dibenzo(a,h)anthracene

Concen: 38.35 ng

RT: 16.64 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

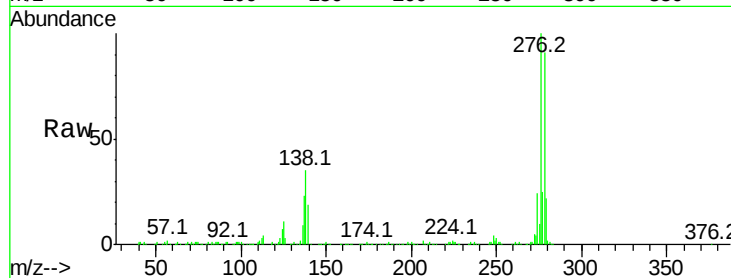
Tot Ion:278 Resp: 470048

Ion Ratio Lower Upper

278 100

139 21.0 14.8 22.2

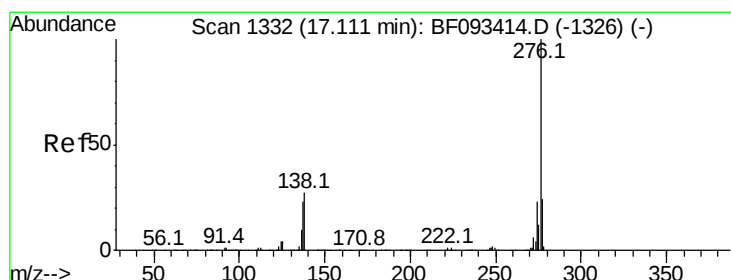
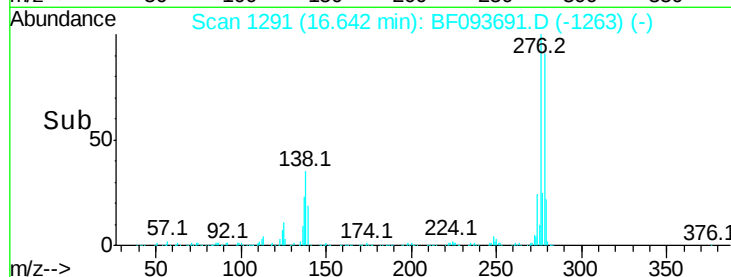
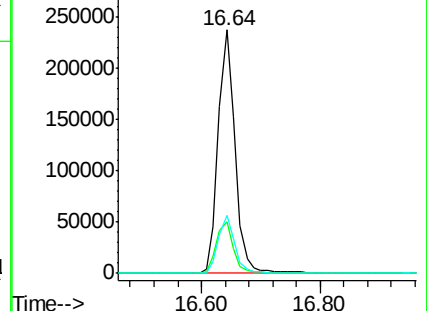
279 23.8 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 35.88 ng

RT: 17.05 min Scan# 1327

Delta R.T. 0.03 min

Lab File: BF093691.D

Acq: 16 Mar 2017 4:12

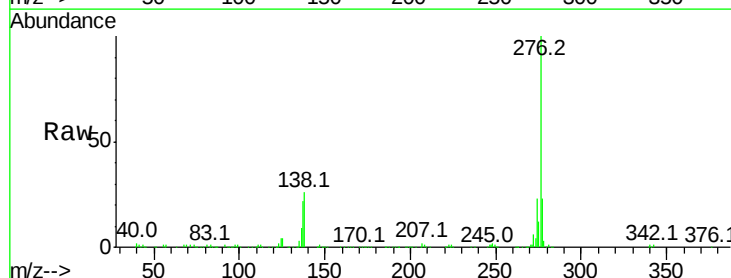
Tgt Ion:276 Resp: 451357

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 25.9 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

