

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093665.D
 Acq On : 15 Mar 2017 14:02
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 15 16:39:36 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	166932	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	671251	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	305978	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	585351	20.00	ng	0.00
75) Chrysene-d12	13.90	240	468197	20.00	ng	0.01
86) Perylene-d12	15.29	264	359737	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	767055	76.48	ng	-0.01
7) Phenol-d6	6.37	99	1034638	81.80	ng	-0.01
23) Nitrobenzene-d5	7.29	82	948977	78.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	194837	97.74	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1513106	91.98	ng	0.00
78) Terphenyl-d14	12.84	244	1581532	87.82	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.16	88	241657	43.74	ng	85
3) Pyridine	2.85	79	488430	34.68	ng	85
4) n-Nitrosodimethylamine	2.81	42	290894	43.24	ng	82
6) Aniline	6.39	93	299615	17.26	ng	90
8) 2-Chlorophenol	6.50	128	457907	40.75	ng	96
9) Benzaldehyde	6.26	77	249416	28.89	ng	87
10) Phenol	6.38	94	667394	43.06	ng	79
11) bis(2-Chloroethyl)ether	6.45	93	509225	40.65	ng	93
12) 1,3-Dichlorobenzene	6.64	146	540077m	41.99	ng	
13) 1,4-Dichlorobenzene	6.72	146	553101	42.00	ng	98
14) 1,2-Dichlorobenzene	6.88	146	479615	41.13	ng	95
15) Benzyl Alcohol	6.89	79	110545	12.26	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	814297	39.13	ng	55
17) 2-Methylphenol	7.00	107	387425	40.76	ng	# 87
18) Hexachloroethane	7.21	117	173357	39.03	ng	97
19) n-Nitroso-di-n-propylamine	7.14	70	347345	39.94	ng	# 93
20) 3+4-Methylphenols	7.16	107	522325	42.37	ng	# 73
22) Acetophenone	7.13	105	654124	40.50	ng	99
24) Nitrobenzene	7.30	77	506601	37.26	ng	97
25) Isophorone	7.54	82	892352	36.58	ng	94
26) 2-Nitrophenol	7.62	139	243934	39.32	ng	# 87
27) 2,4-Dimethylphenol	7.68	122	359115	35.59	ng	93
28) bis(2-Chloroethoxy)methane	7.76	93	603230	39.17	ng	99
29) 2,4-Dichlorophenol	7.89	162	400895	42.23	ng	88
30) 1,2,4-Trichlorobenzene	7.94	180	388757	38.50	ng	95
31) Naphthalene	8.02	128	1313201	39.04	ng	99
32) Benzoic acid	7.84	122	114912	21.91	ng	97
33) 4-Chloroaniline	8.17	127	542578	39.75	ng	97
34) Hexachlorobutadiene	8.14	225	212039	40.77	ng	98
35) Caprolactam	8.48	113	117943	36.38	ng	# 42
36) 4-Chloro-3-methylphenol	8.60	107	409486	40.41	ng	92
37) 2-Methylnaphthalene	8.72	142	844393	39.45	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	384310	46.00	ng	99
40) Hexachlorocyclopentadiene	8.87	237	67505	39.27	ng	99

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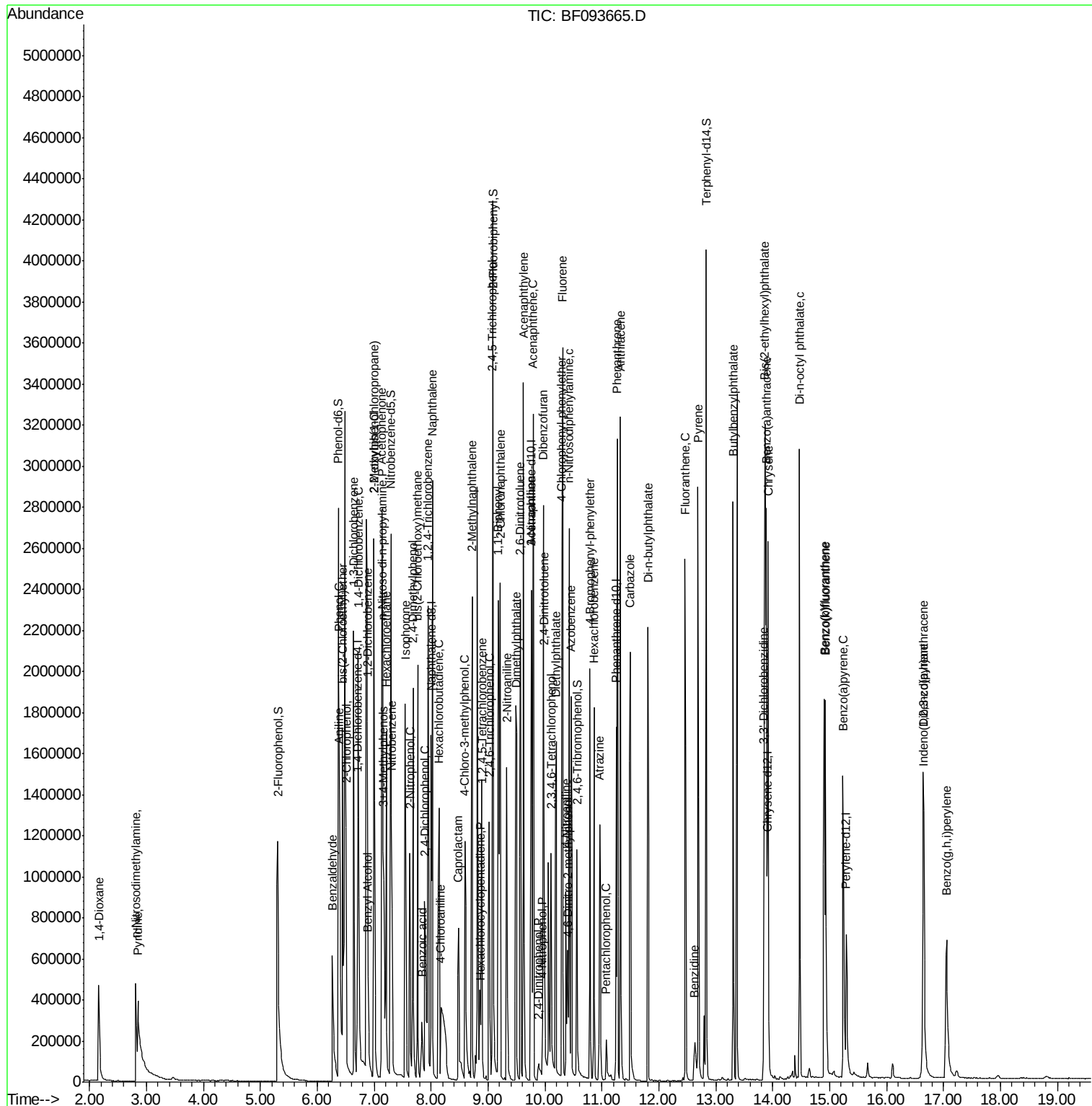
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	233572	44.74	nq	92
43) 2,4,5-Trichlorophenol	9.08	196	231673	41.36	nq #	88
45) 1,1'-Biphenyl	9.18	154	1019870	45.76	nq	96
46) 2-Chloronaphthalene	9.21	162	816186	47.84	nq	97
47) 2-Nitroaniline	9.33	65	279997	46.42	nq	99
48) Acenaphthylene	9.62	152	1327662	47.18	nq	99
49) Dimethylphthalate	9.50	163	916331	45.17	nq	100
50) 2,6-Dinitrotoluene	9.57	165	200224	44.98	nq #	76
51) Acenaphthene	9.80	154	766029	46.04	nq	97
52) 3-Nitroaniline	9.76	138	213183	39.87	nq #	85
53) 2,4-Dinitrophenol	9.89	184	34886	17.21	nq #	64
54) Dibenzofuran	9.97	168	1018629	48.91	nq	96
55) 4-Nitrophenol	9.96	139	24402m	9.39	nq	
56) 2,4-Dinitrotoluene	9.98	165	280525	51.30	nq #	89
57) Fluorene	10.31	166	845632m	47.92	nq	
58) 2,3,4,6-Tetrachlorophenol	10.10	232	193460	48.94	nq #	90
59) Diethylphthalate	10.20	149	908071	46.84	nq	94
60) 4-Chlorophenyl-phenylether	10.30	204	373865	47.26	nq	94
61) 4-Nitroaniline	10.37	138	185898	33.99	nq	92
62) Azobenzene	10.46	77	940168	42.68	nq	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	126268	33.29	nq	90
65) n-Nitrosodiphenylamine	10.42	169	679098	34.74	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	233607	37.74	nq	96
67) Hexachlorobenzene	10.86	284	228810	38.71	nq #	85
68) Atrazine	10.96	200	197712	34.56	nq	99
69) Pentachlorophenol	11.08	266	41672	20.42	nq	99
70) Phenanthrene	11.27	178	1220435	36.53	nq	99
71) Anthracene	11.33	178	1335427	39.51	nq	98
72) Carbazole	11.50	167	1302608	41.03	nq	97
73) Di-n-butylphthalate	11.81	149	1400482	38.13	nq	98
74) Fluoranthene	12.46	202	1317219	40.81	nq	97
76) Benzidine	12.63	184	165435	10.75	nq	99
77) Pyrene	12.69	202	1341680	39.40	nq	99
79) Butylbenzylphthalate	13.31	149	608150	42.43	nq	99
80) Benzo(a)anthracene	13.89	228	1056322	38.20	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	339700	35.08	nq	97
82) Chrysene	13.92	228	1090529	42.63	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	927498	46.42	nq #	98
84) Di-n-octyl phthalate	14.47	149	1387248	41.66	nq	95
85) Indeno(1,2,3-cd)pyrene	16.65	276	754094	35.22	nq #	93
87) Benzo(b)fluoranthene	14.91	252	927285m	42.32	nq	
88) Benzo(k)fluoranthene	14.93	252	781906m	37.01	nq	
89) Benzo(a)pyrene	15.24	252	784542	39.18	nq #	96
90) Dibenzo(a,h)anthracene	16.64	278	638160	38.52	nq	95
91) Benzo(g,h,i)perylene	17.05	276	663340	39.02	nq #	92

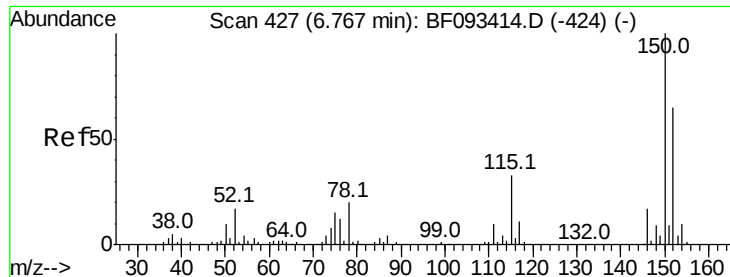
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

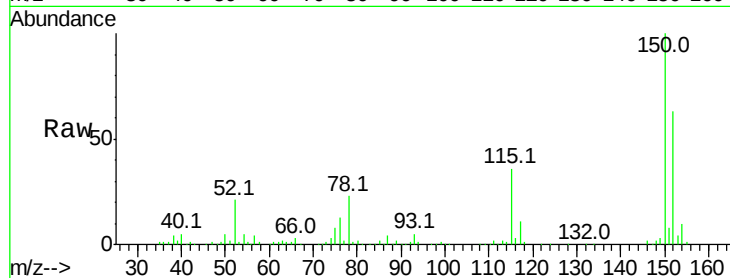
Tot Ion:152 Resp: 166932

Ion Ratio Lower Upper

152 100

150 158.1 124.9 187.3

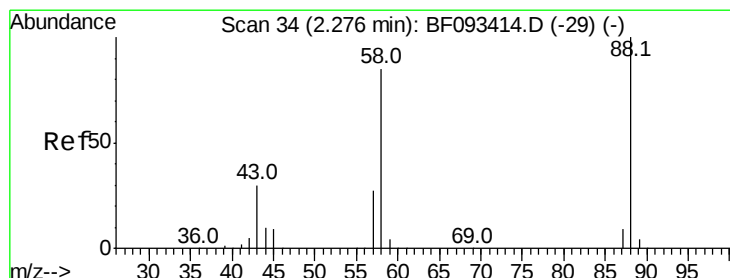
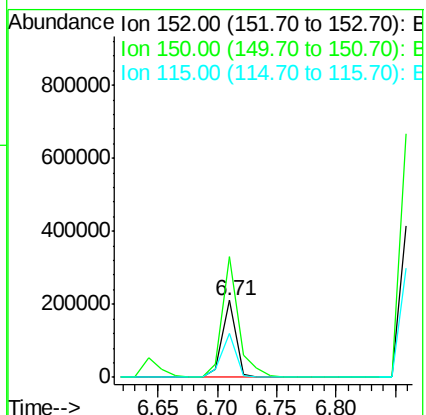
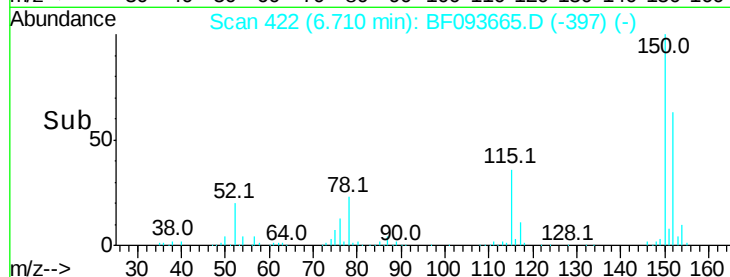
115 57.2 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.74 ng

RT: 2.16 min Scan# 24

Delta R.T. -0.02 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

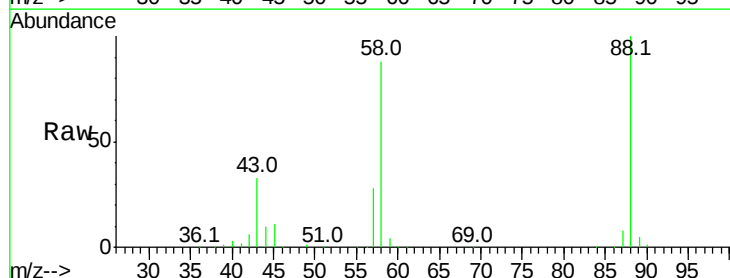
Tgt Ion: 88 Resp: 241657

Ion Ratio Lower Upper

88 100

58 86.4 57.8 86.8

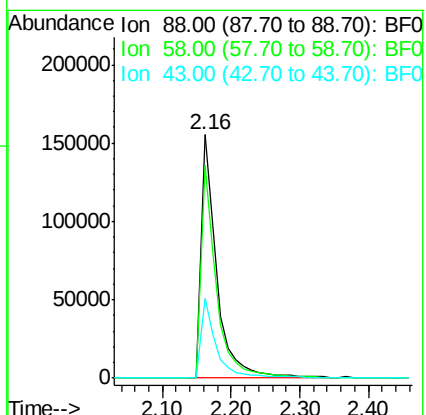
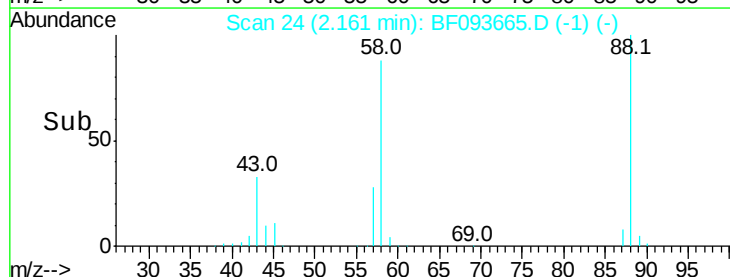
43 32.6 22.3 33.5

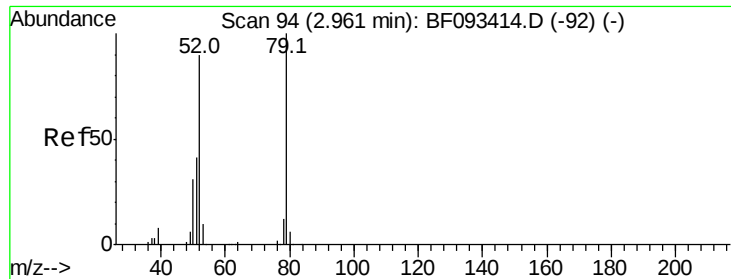


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.68 ng

RT: 2.85 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

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SSTDCCC040

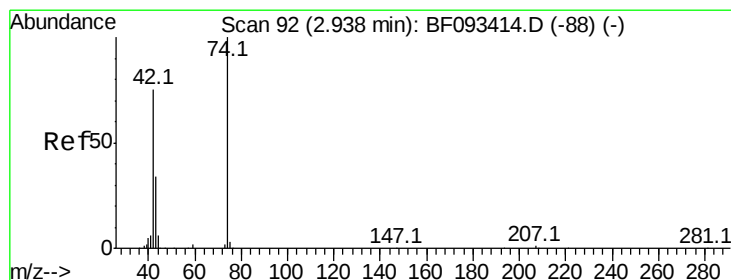
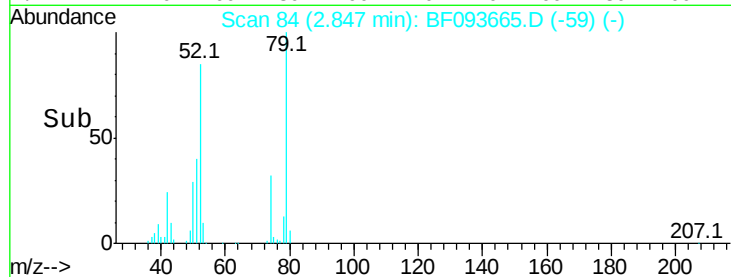
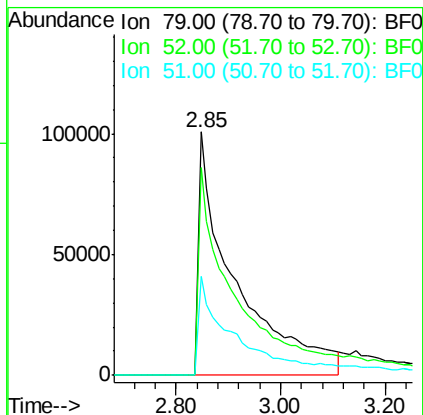
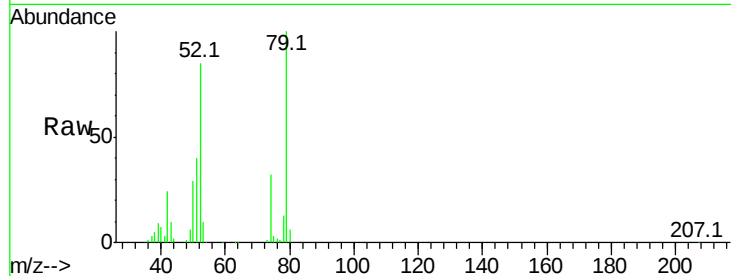
Tot Ion: 79 Resp: 488430

Ion Ratio Lower Upper

79 100

52 85.3 57.1 85.7

51 40.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 43.24 ng

RT: 2.81 min Scan# 81

Delta R.T. -0.02 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

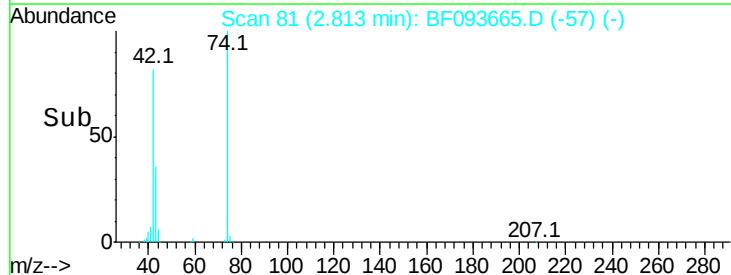
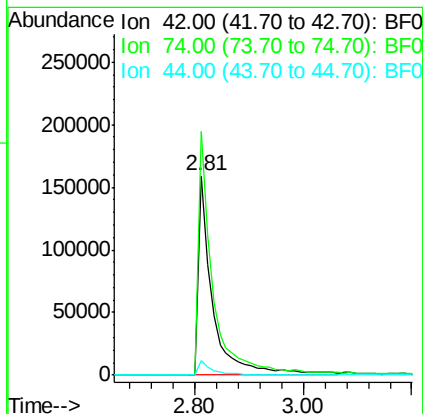
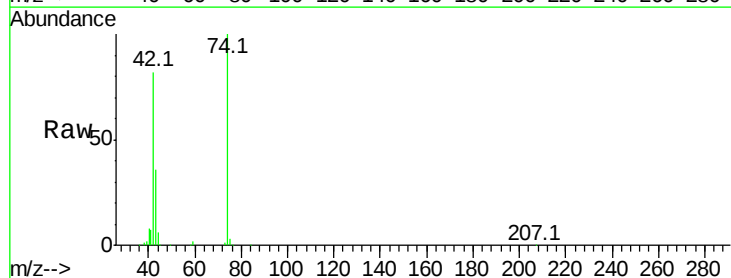
Tgt Ion: 42 Resp: 290894

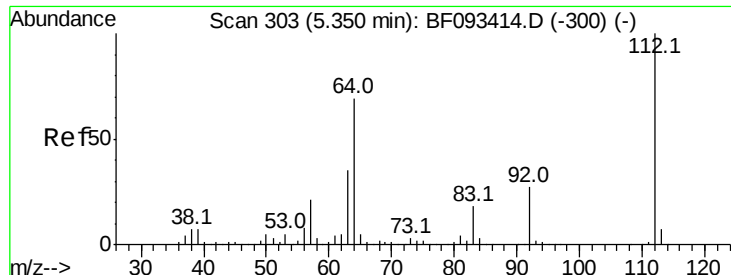
Ion Ratio Lower Upper

42 100

74 122.2 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 76.48 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

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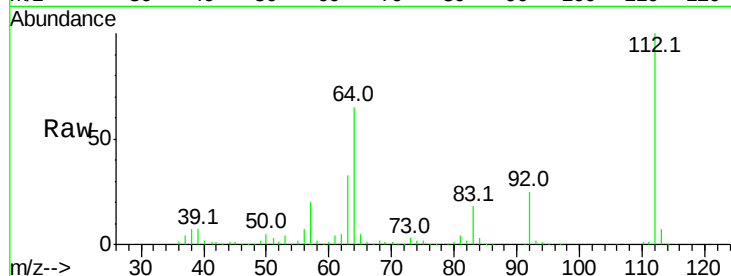
Tot Ion:112 Resp: 767055

Ion Ratio Lower Upper

112 100

64 64.5 46.1 69.1

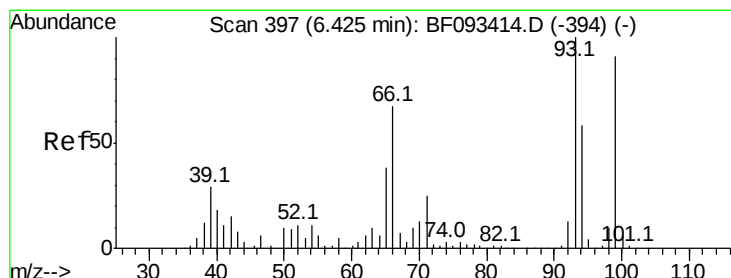
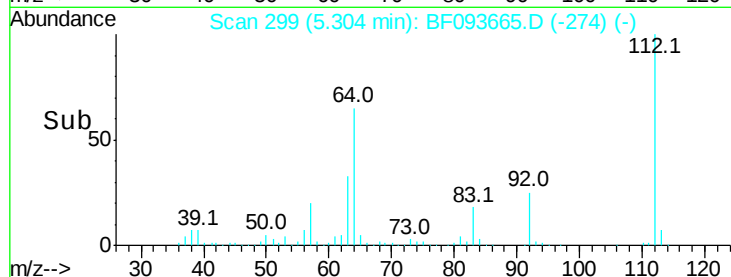
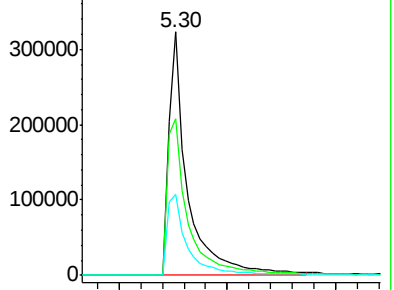
63 33.2 23.8 35.6



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: 17.26 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

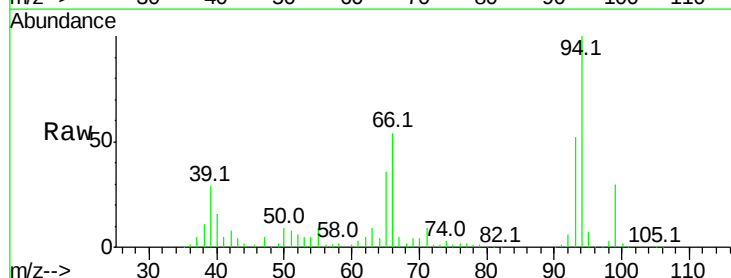
Tgt Ion: 93 Resp: 299615

Ion Ratio Lower Upper

93 100

66 104.9 76.2 114.2

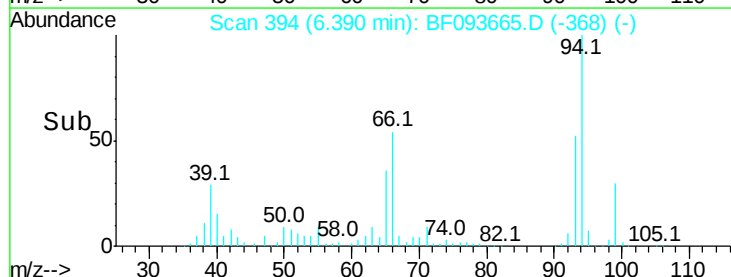
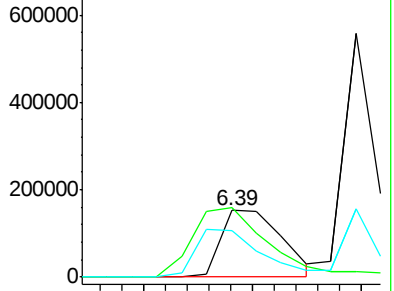
65 69.6 49.3 73.9

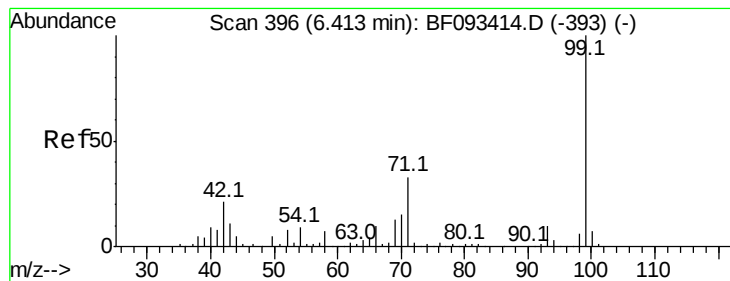


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.80 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

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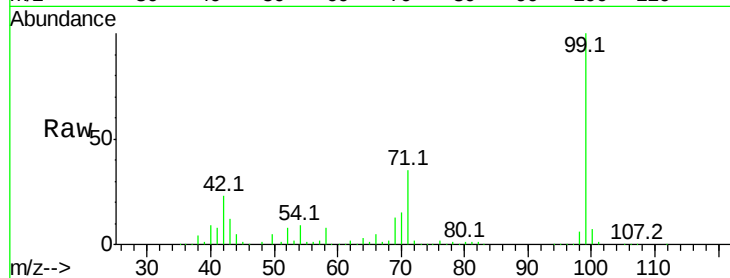
Tot Ion: 99 Resp: 1034638

Ion Ratio Lower Upper

99 100

42 22.9 15.6 23.4

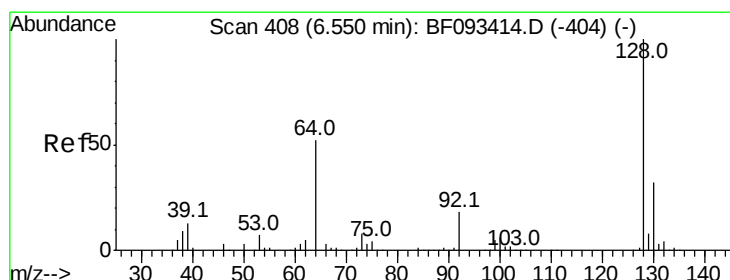
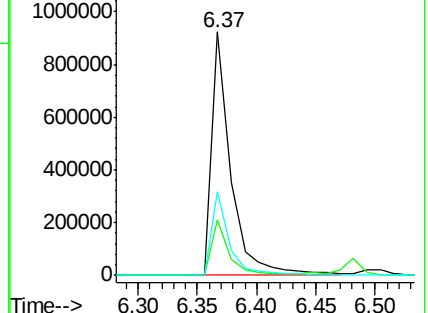
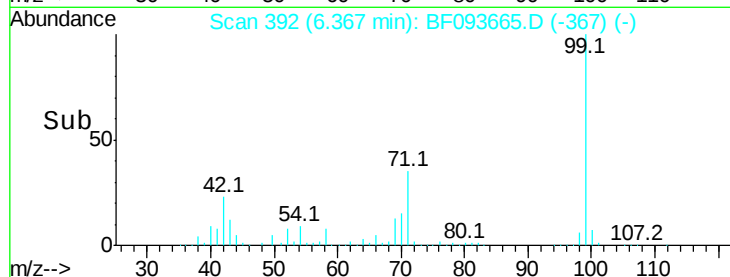
71 34.6 27.5 41.3



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: 40.75 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

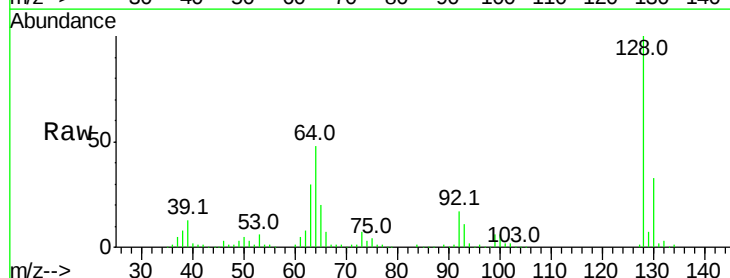
Tgt Ion: 128 Resp: 457907

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

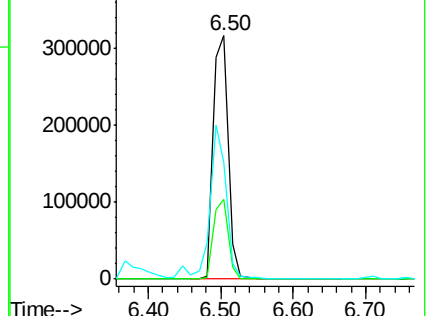
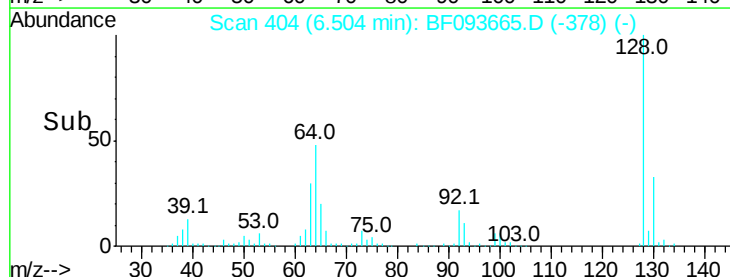
64 48.0 32.2 72.2

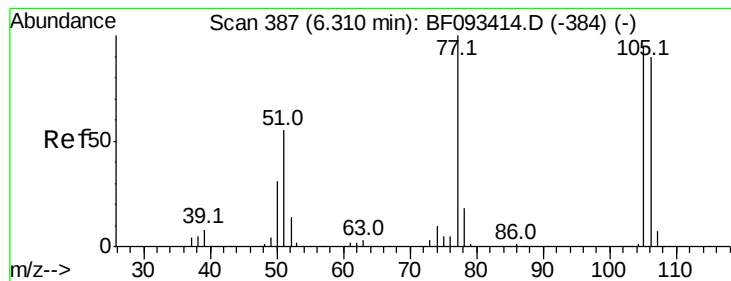


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.89 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

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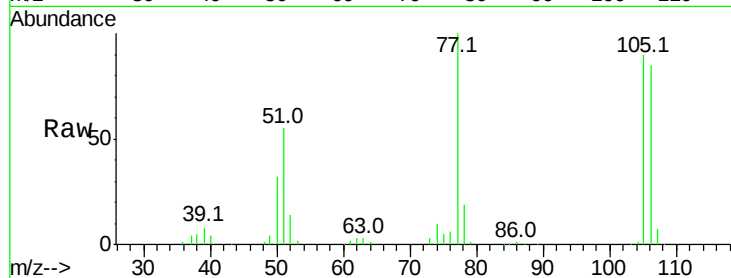
Tot Ion: 77 Resp: 249416

Ion Ratio Lower Upper

77 100

105 90.2 83.9 123.9

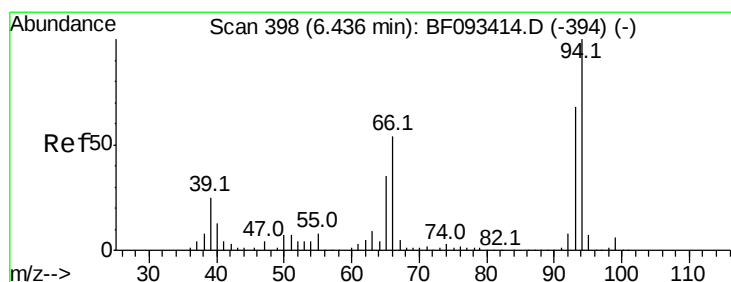
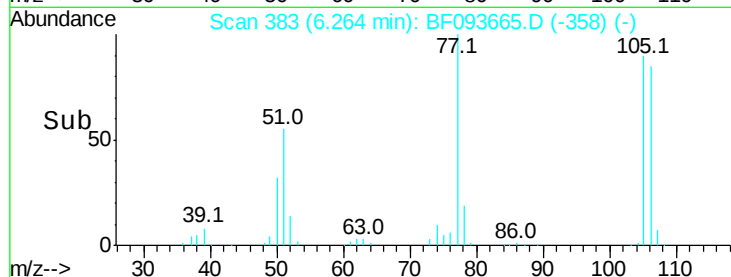
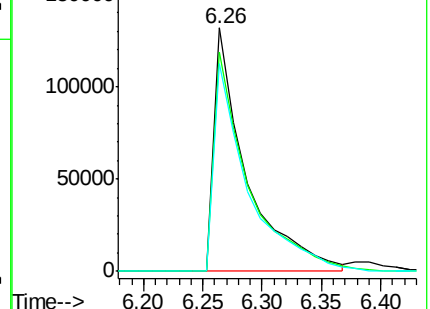
106 85.5 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.06 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

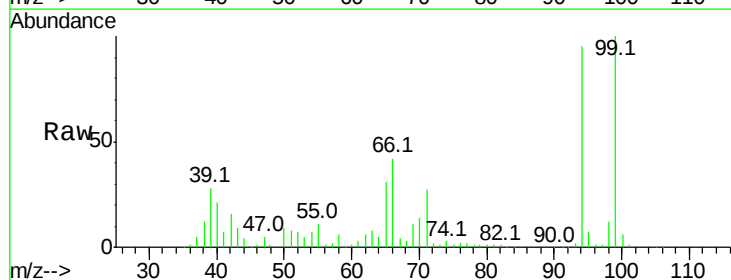
Tgt Ion: 94 Resp: 667394

Ion Ratio Lower Upper

94 100

65 32.4 21.4 61.4

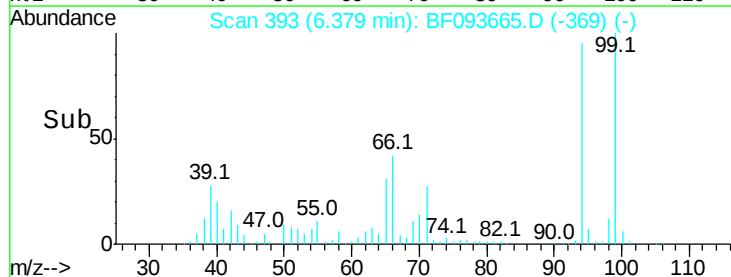
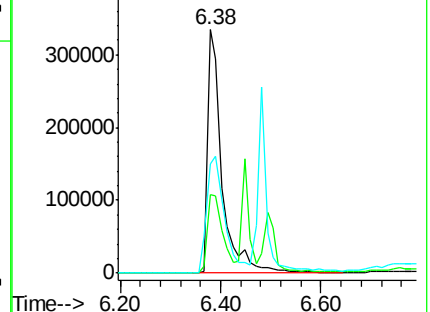
66 44.6 44.0 84.0

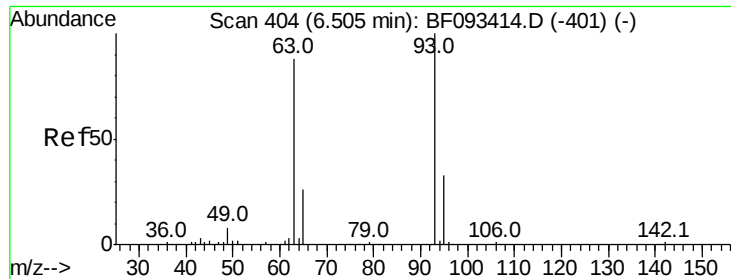


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

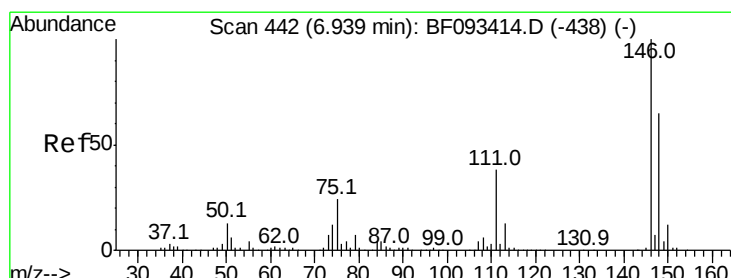
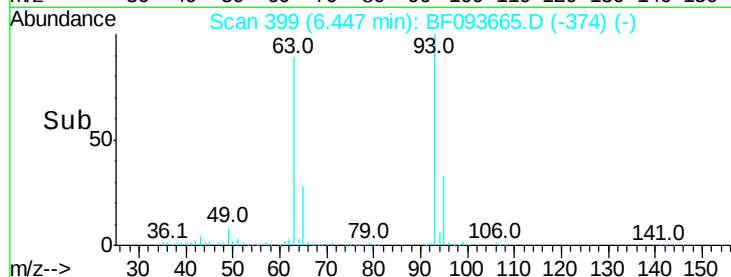
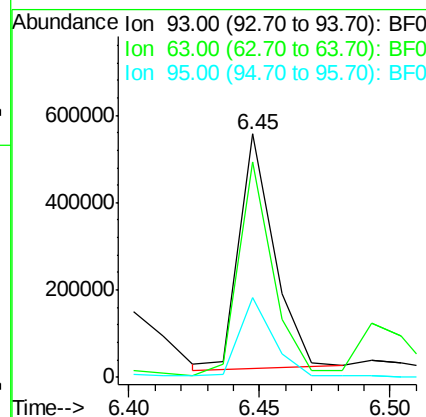
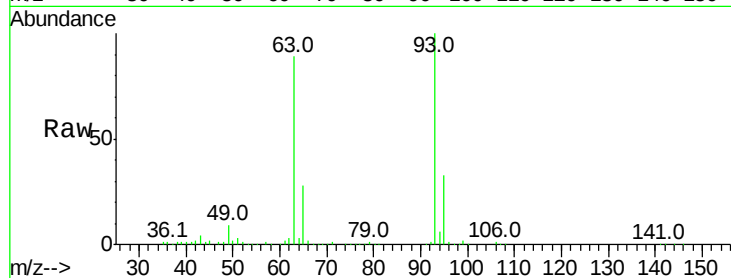




#11
bis(2-Chloroethyl)ether
Concen: 40.65 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

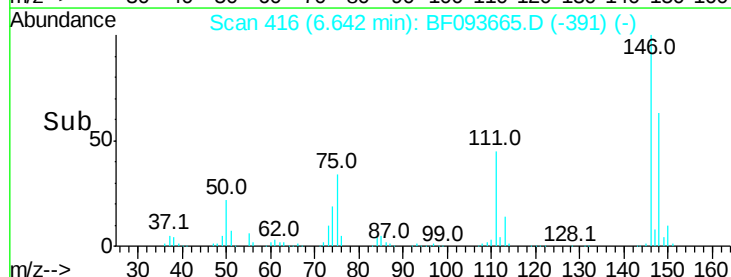
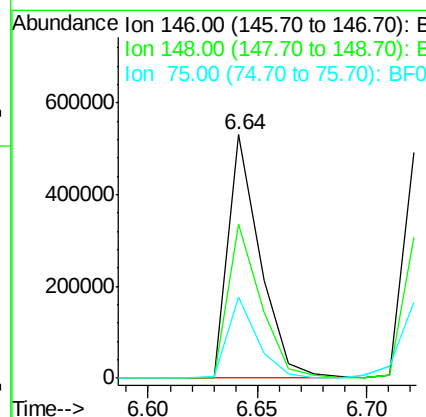
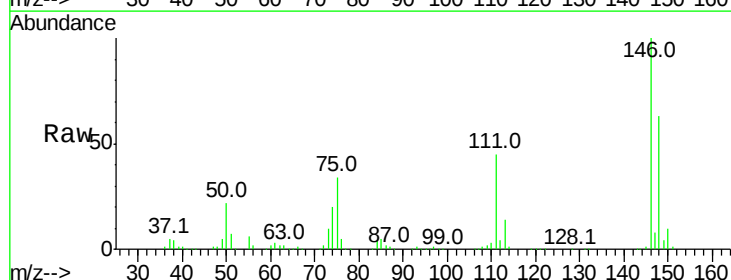
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

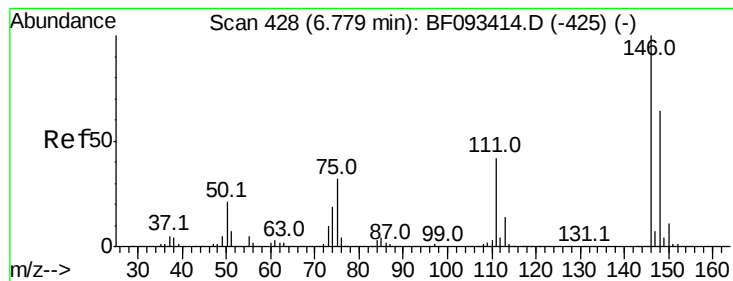
Tot Ion:	93	Resp:	509225
Ion	Ratio	Lower	Upper
93	100		
63	88.6	60.4	100.4
95	32.8	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 41.99 ng m
RT: 6.64 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

Tgt Ion:	146	Resp:	540077
Ion	Ratio	Lower	Upper
146	100		
148	63.3	53.4	80.0
75	33.5	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 42.00 ng

RT: 6.72 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

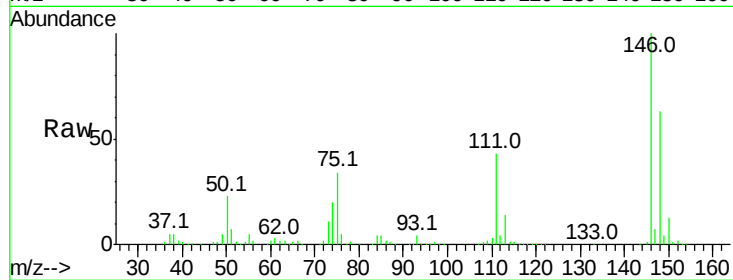
Tot Ion:146 Resp: 553101

Ion Ratio Lower Upper

146 100

148 62.7 50.6 76.0

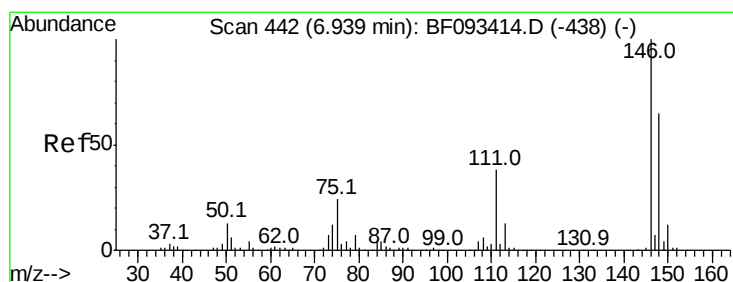
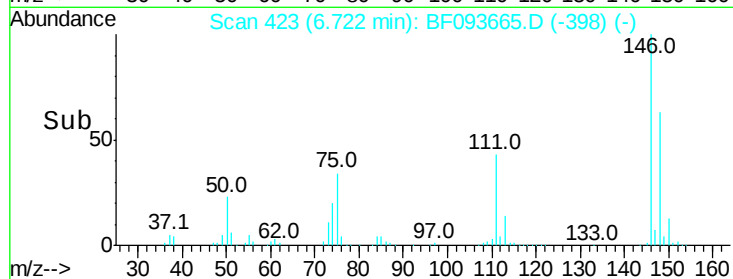
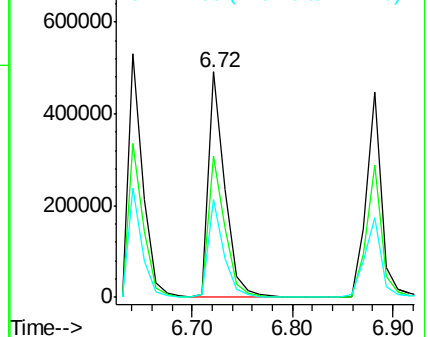
111 43.0 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.13 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

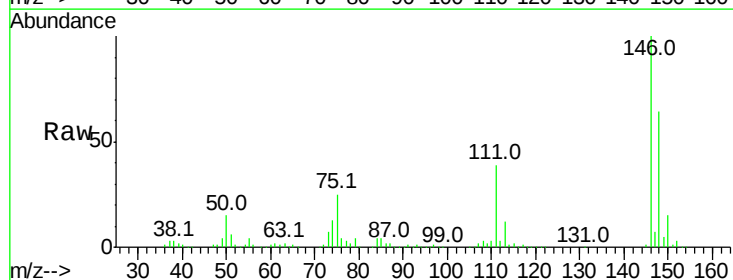
Tgt Ion:146 Resp: 479615

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

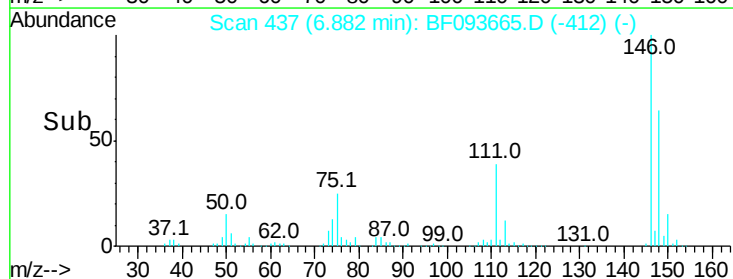
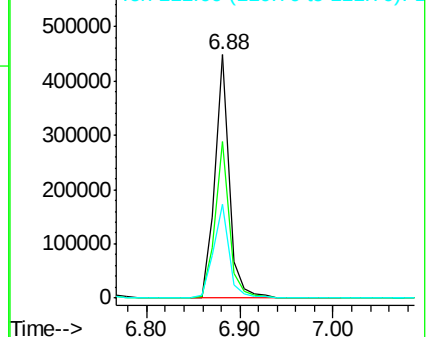
111 38.8 36.2 54.2

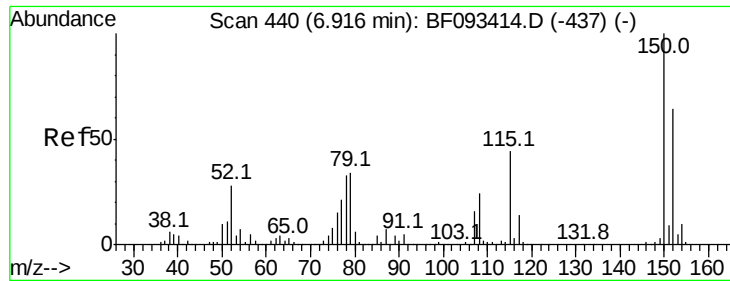


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

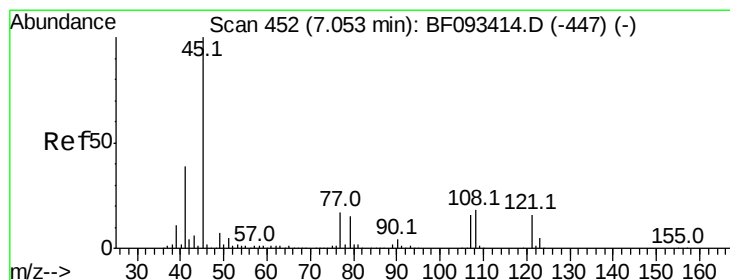
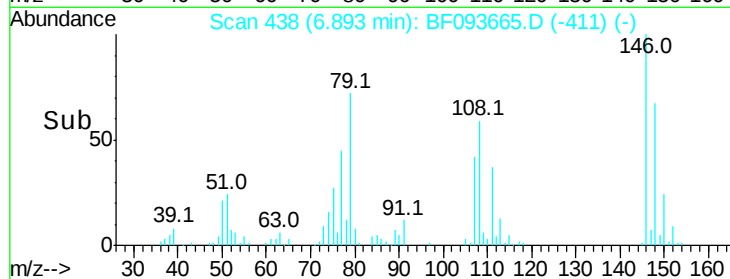
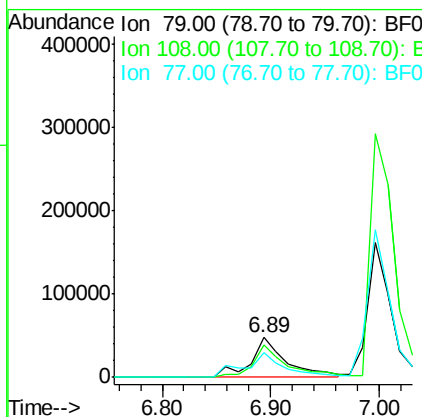
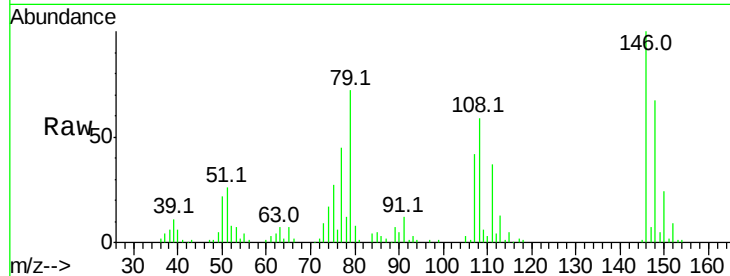




#15
Benzyl Alcohol
Concen: 12.26 ng
RT: 6.89 min Scan# 438
Delta R.T. 0.01 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

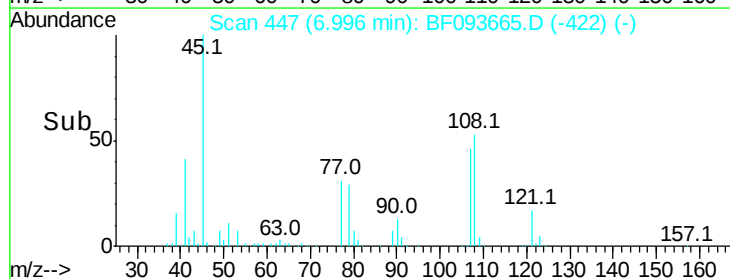
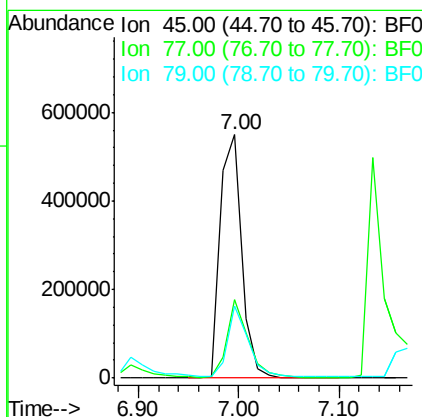
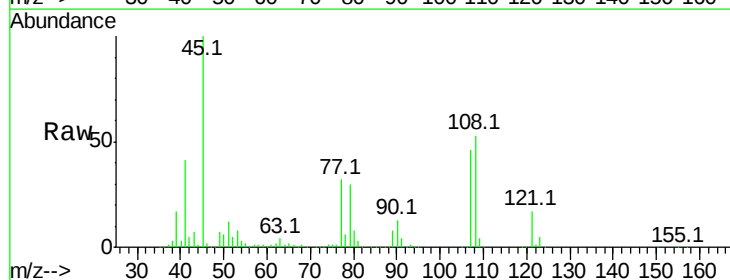
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

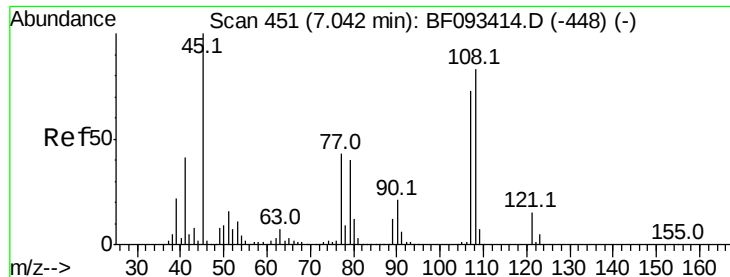
Tot Ion: 79 Resp: 110545
Ion Ratio Lower Upper
79 100
108 81.3 61.4 92.0
77 62.3 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.13 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

Tgt Ion: 45 Resp: 814297
Ion Ratio Lower Upper
45 100
77 32.3 0.0 34.6
79 29.6 0.0 31.2





#17

2-Methylphenol

Concen: 40.76 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 387425

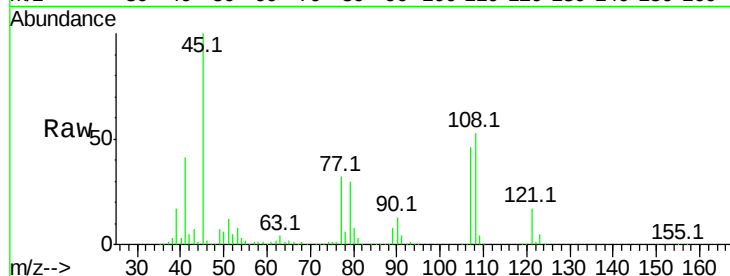
Ion Ratio Lower Upper

107 100

108 116.4 93.0 139.6

77 70.7 39.8 59.8#

79 64.8 38.0 57.0#

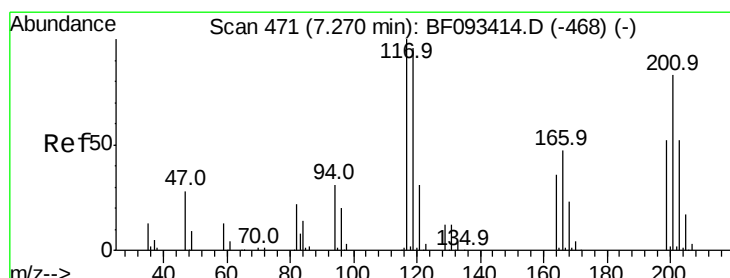
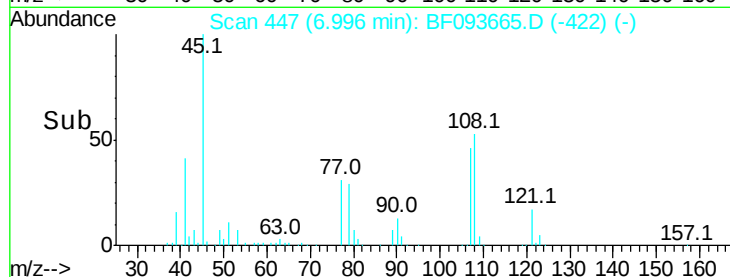
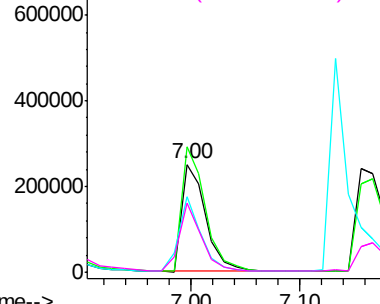


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.03 ng

RT: 7.21 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

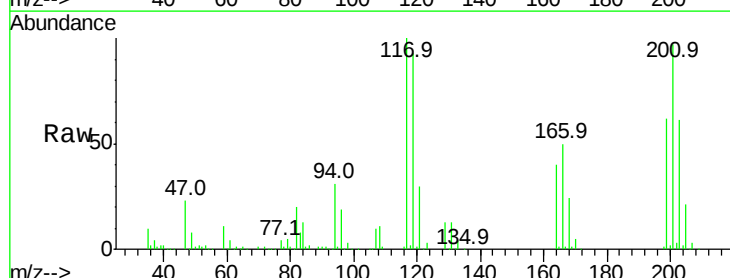
Tgt Ion:117 Resp: 173357

Ion Ratio Lower Upper

117 100

119 93.4 78.1 117.1

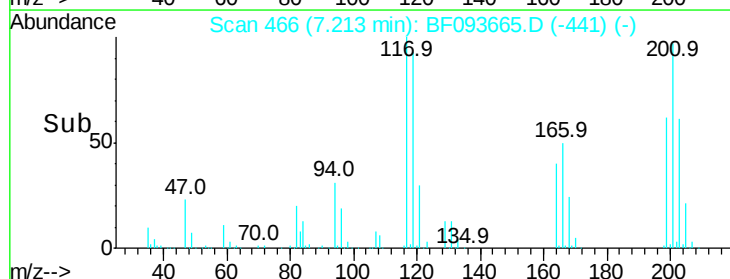
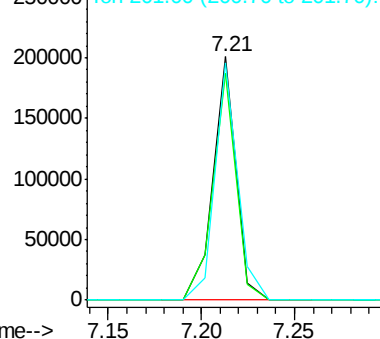
201 97.3 78.6 117.8

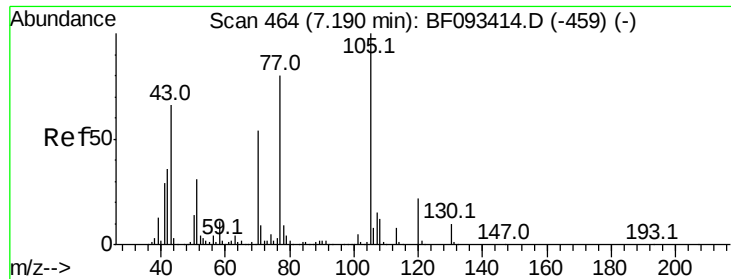


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

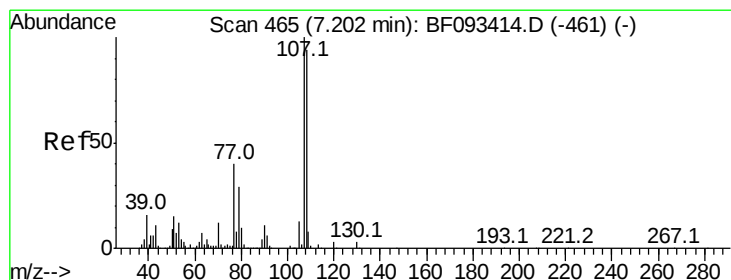
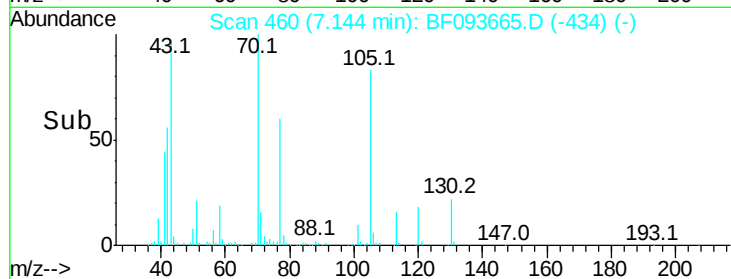
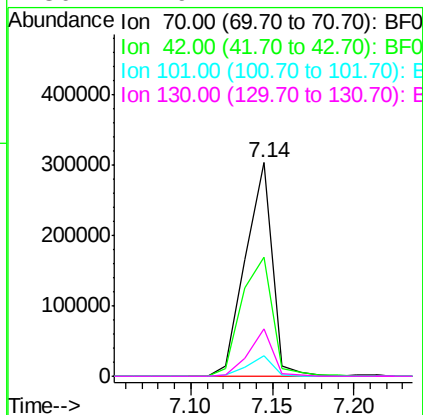
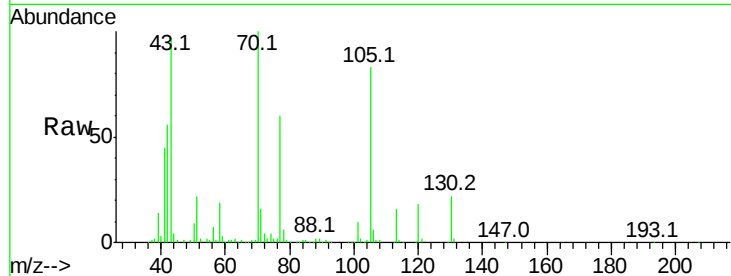




#19
n-Nitroso-di-n-propylamine
Concen: 39.94 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

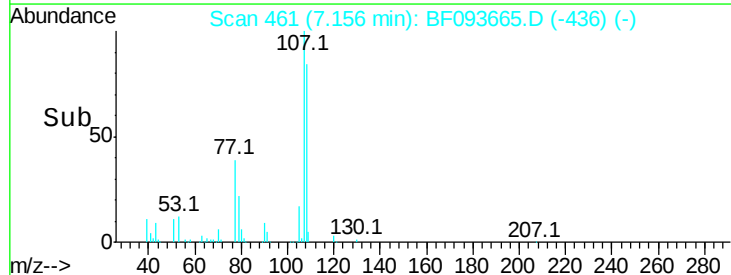
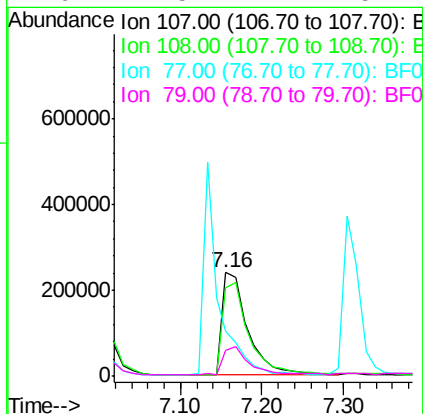
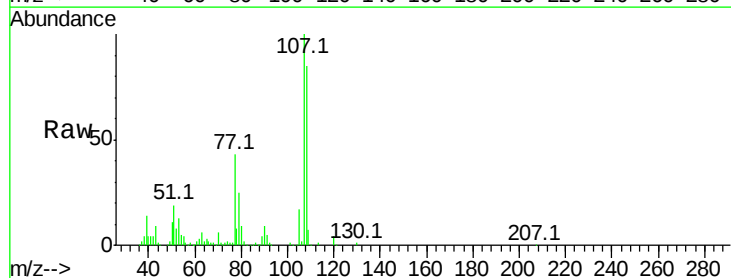
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

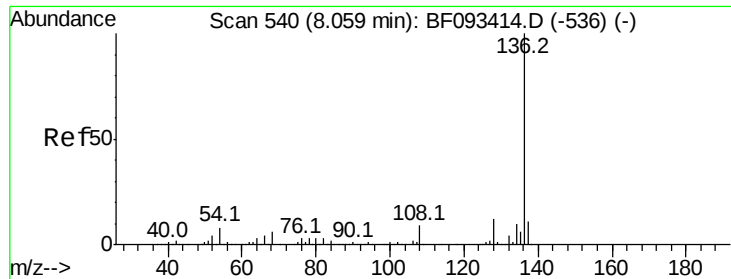
Tot Ion: 70 Resp: 347345
Ion Ratio Lower Upper
70 100
42 56.0 49.4 74.0
101 9.6 7.4 11.2
130 21.9 14.2 21.4#



#20
3+4-Methylphenols
Concen: 42.37 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

Tgt Ion: 107 Resp: 522325
Ion Ratio Lower Upper
107 100
108 85.4 73.0 113.0
77 43.0 71.3 111.3#
79 24.5 11.1 51.1

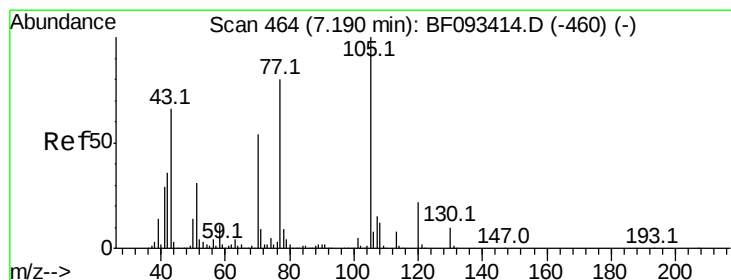
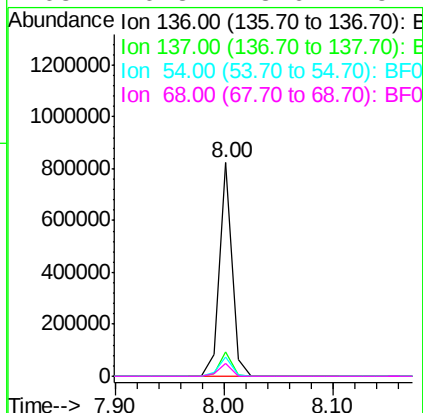
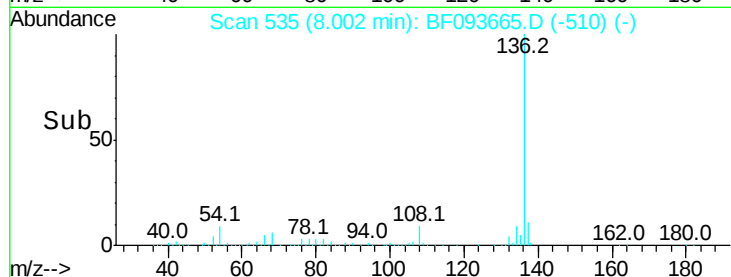
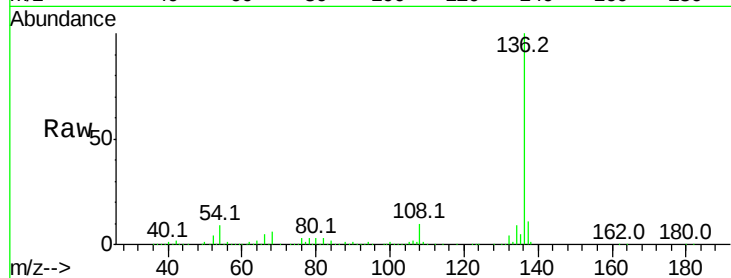




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

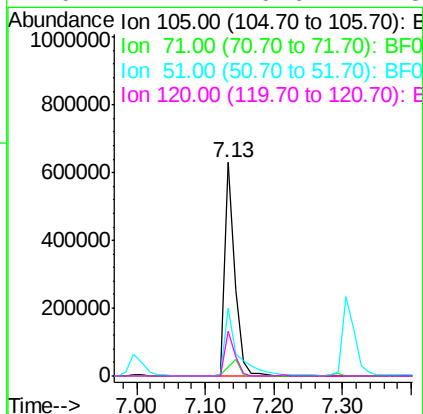
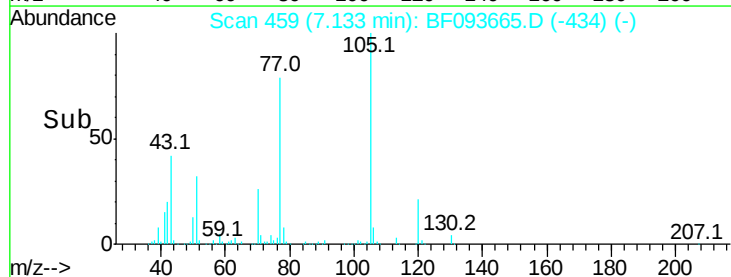
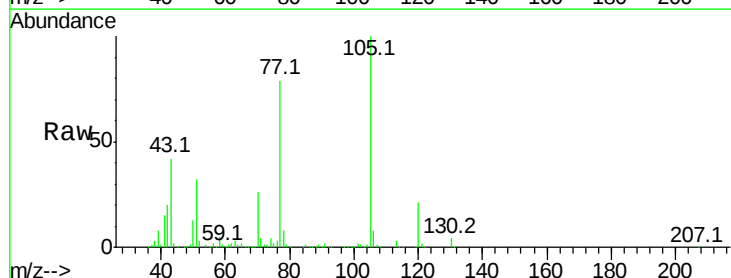
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

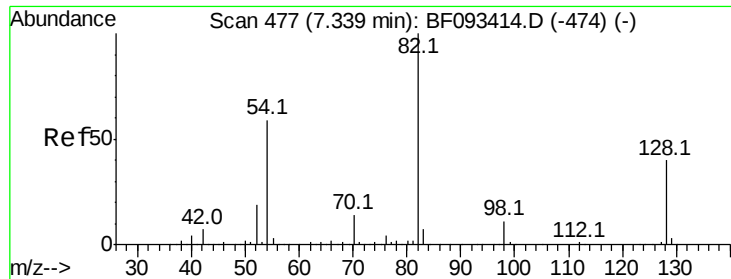
Tot Ion:136	Resp:	671251
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.4 12.6
54	9.1	4.5 6.7#
68	6.3	3.6 5.4#



#22
Acetophenone
Concen: 40.50 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

Tgt Ion:105	Resp:	654124
Ion	Ratio	Lower Upper
105	100	
71	4.4	3.2 4.8
51	31.9	26.2 39.4
120	21.2	16.6 24.8



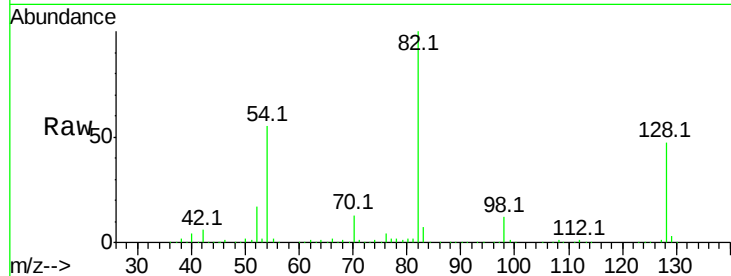


#23
 Nitrobenzene-d5
 Concen: 78.44 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

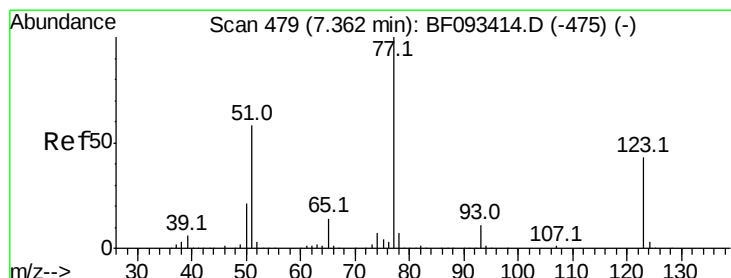
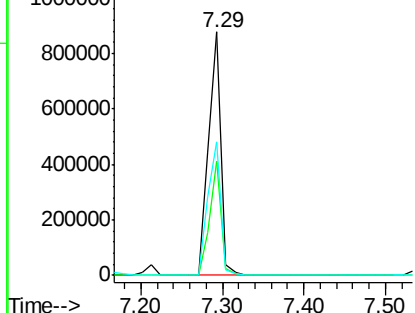
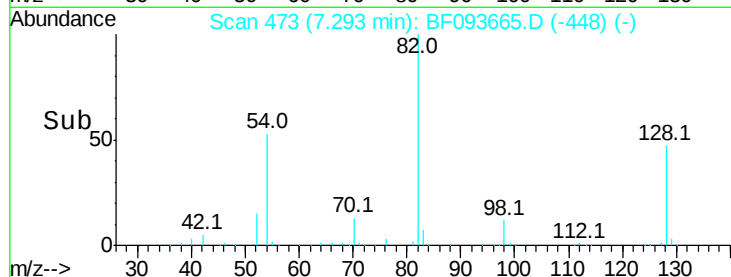
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 948977

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.6	52.0
54	54.7	39.5	59.3



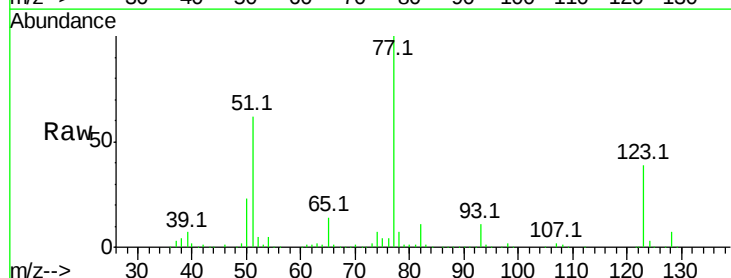
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



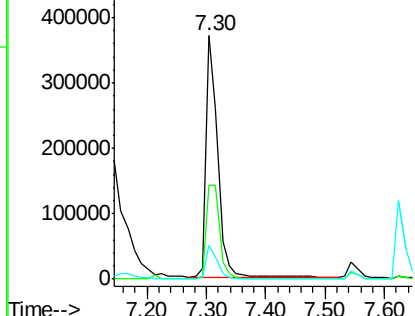
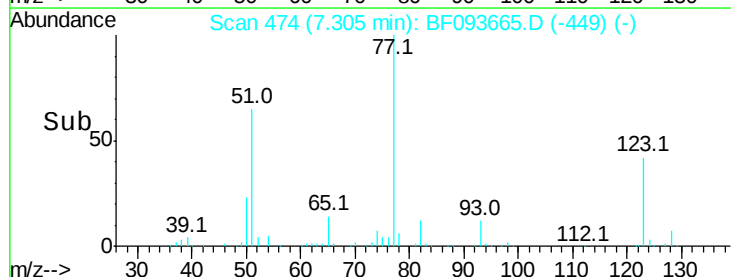
#24
 Nitrobenzene
 Concen: 37.26 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

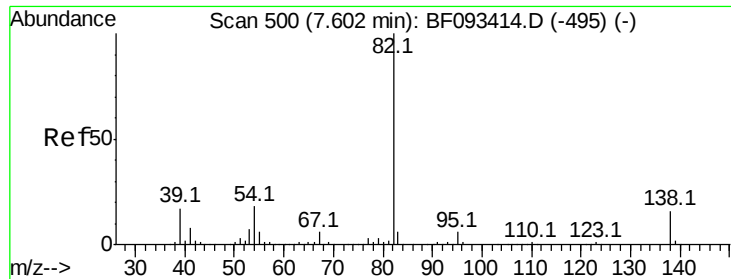
Tgt Ion: 77 Resp: 506601

Ion	Ratio	Lower	Upper
77	100		
123	38.6	33.0	49.4
65	13.9	11.2	16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.58 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

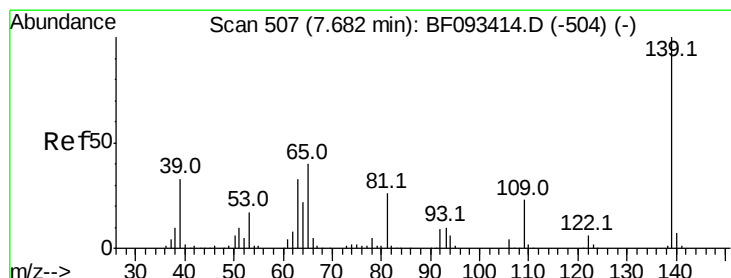
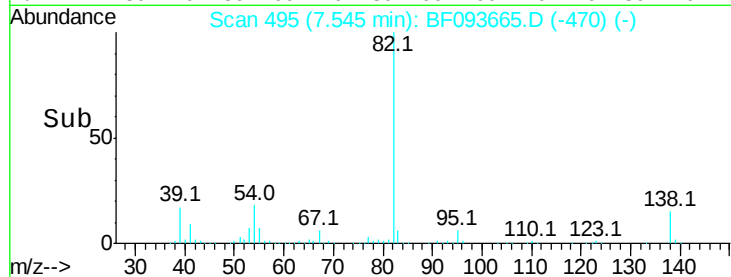
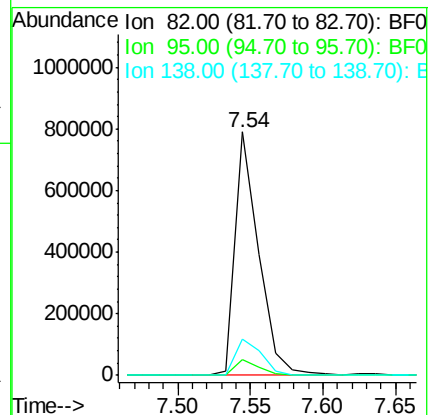
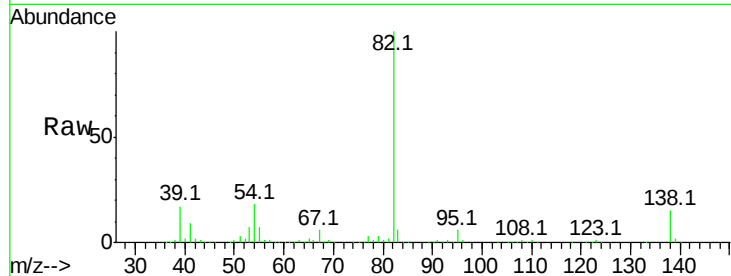
Tot Ion: 82 Resp: 892352

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 15.1 14.6 22.0



#26

2-Nitrophenol

Concen: 39.32 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

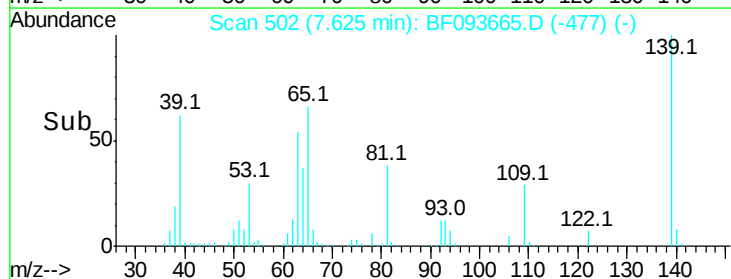
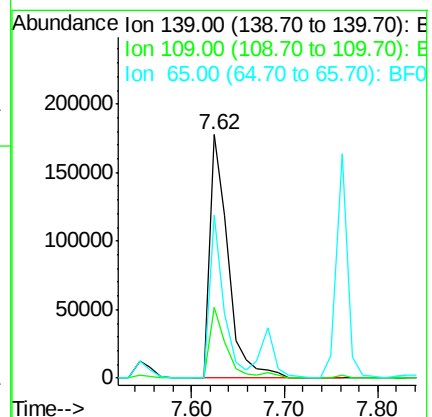
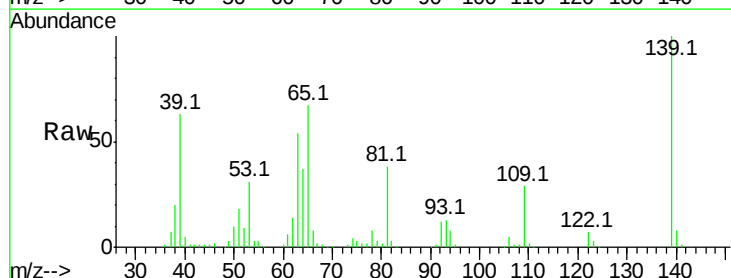
Tgt Ion: 139 Resp: 243934

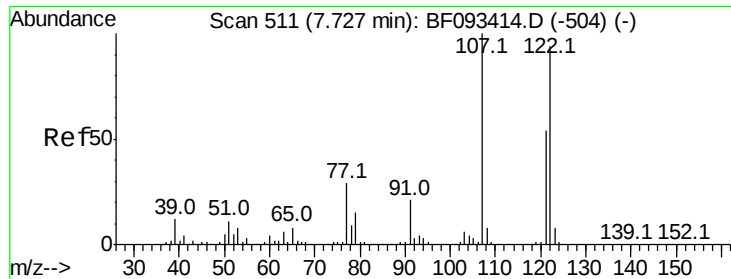
Ion Ratio Lower Upper

139 100

109 29.0 23.3 34.9

65 67.1 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 35.59 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

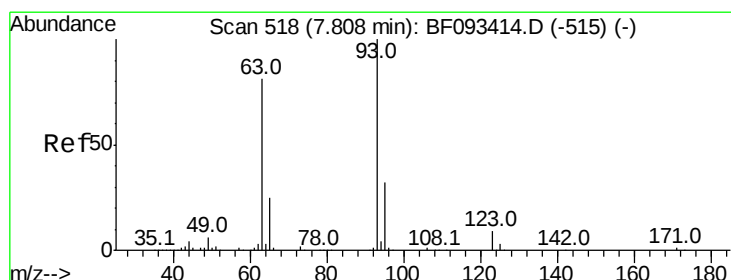
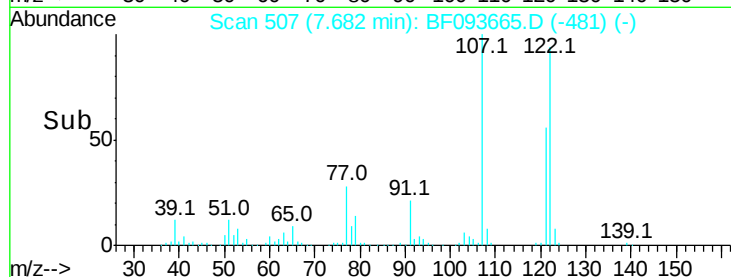
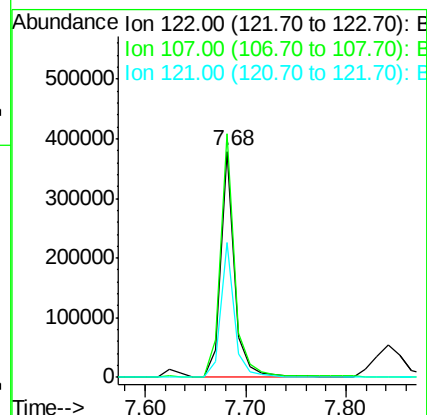
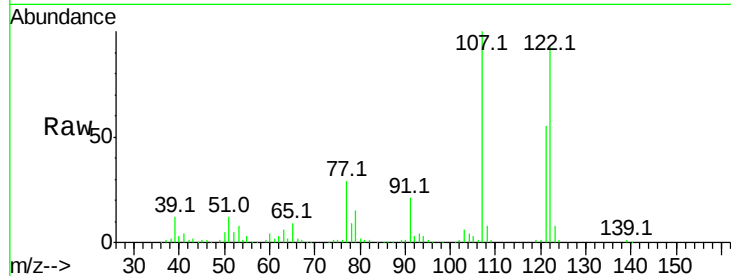
Tot Ion:122 Resp: 359115

Ion Ratio Lower Upper

122 100

107 107.7 94.1 141.1

121 59.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.17 ng

RT: 7.76 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

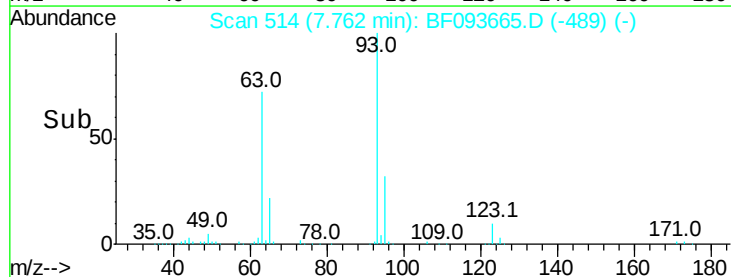
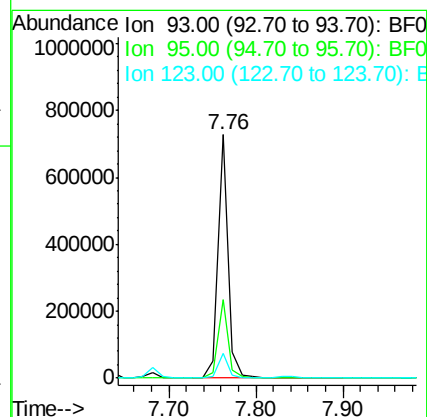
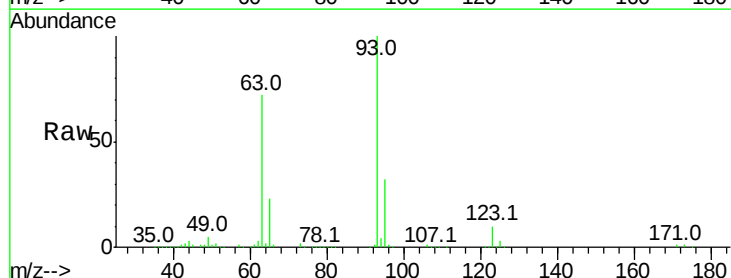
Tgt Ion: 93 Resp: 603230

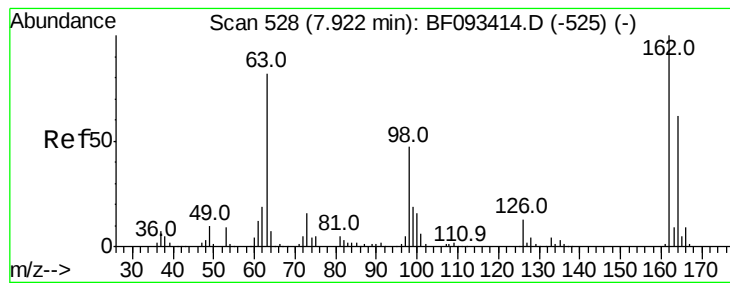
Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

123 10.4 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 42.23 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

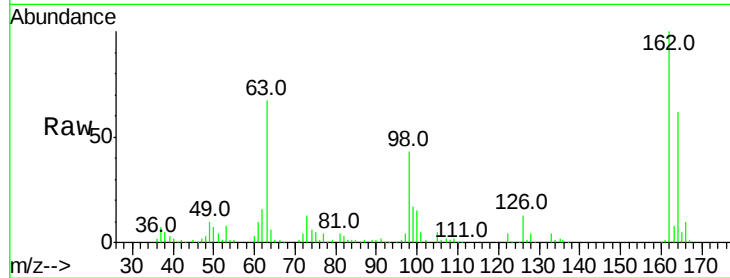
Tot Ion:162 Resp: 400895

Ion Ratio Lower Upper

162 100

164 61.5 46.8 86.8

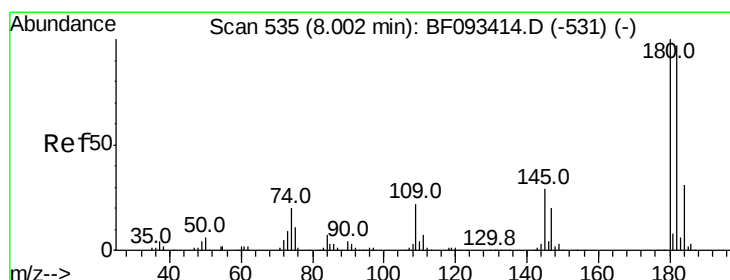
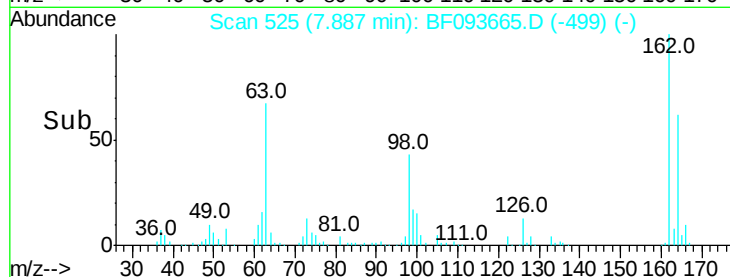
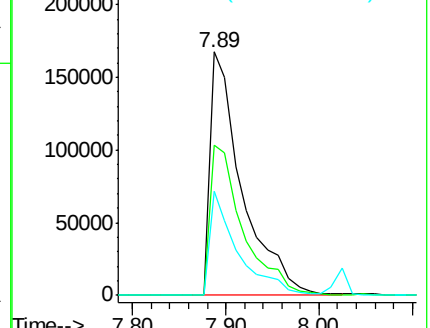
98 42.6 9.1 49.1



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: 38.50 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

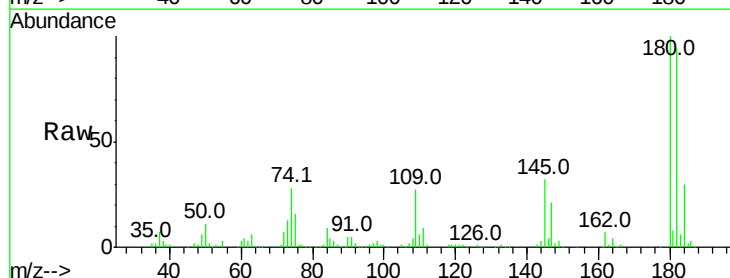
Tgt Ion:180 Resp: 388757

Ion Ratio Lower Upper

180 100

182 93.7 78.2 117.4

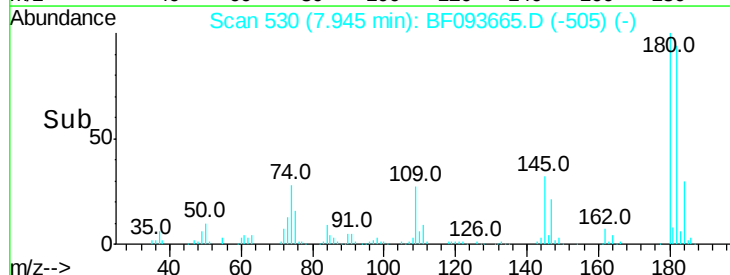
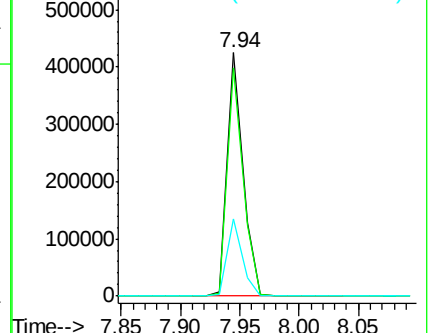
145 31.5 21.6 32.4

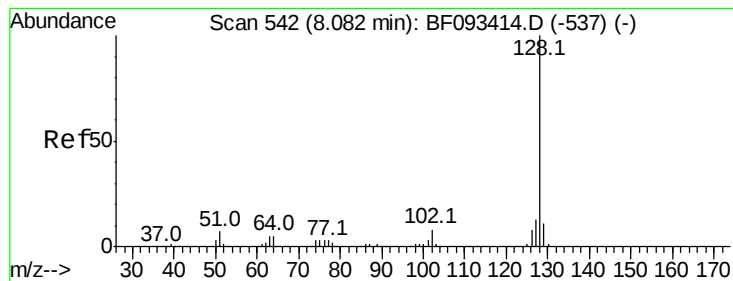


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.04 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

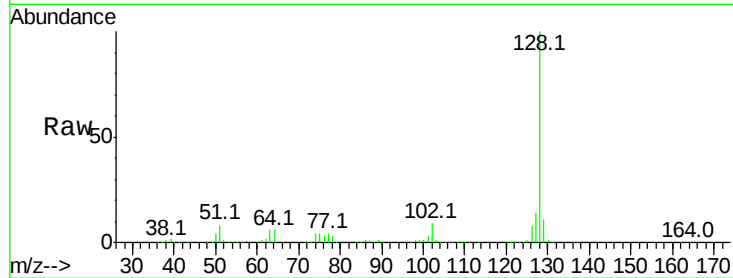
Tot Ion:128 Resp: 1313201

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

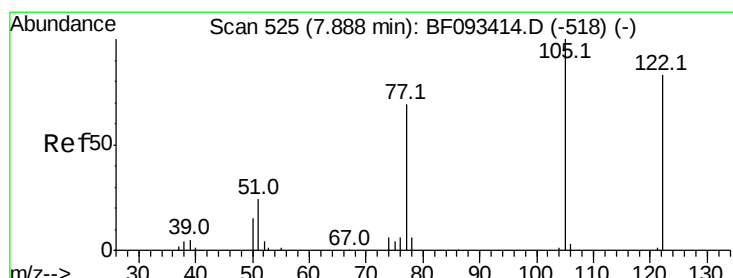
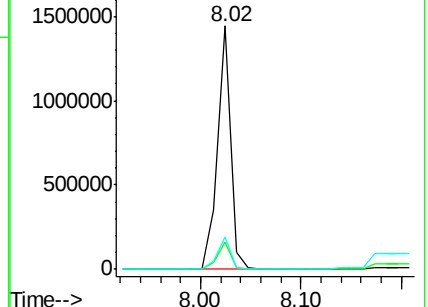
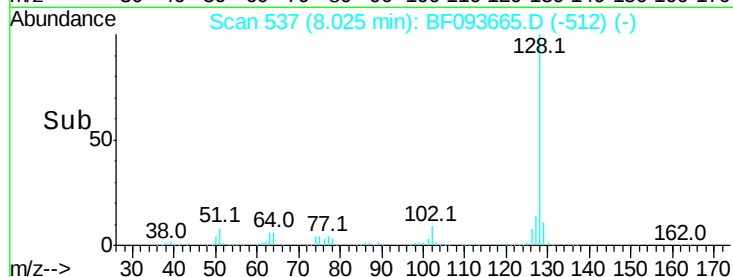
127 13.5 10.8 16.2



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: 21.91 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

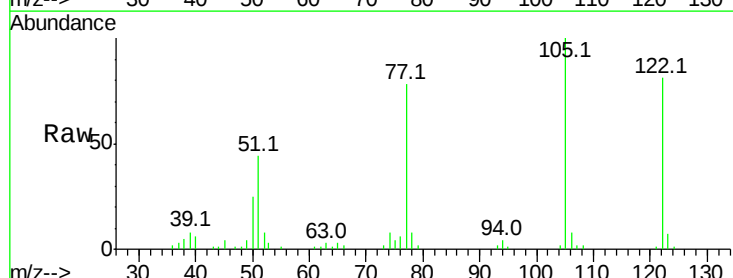
Tgt Ion:122 Resp: 114912

Ion Ratio Lower Upper

122 100

105 123.4 107.2 147.2

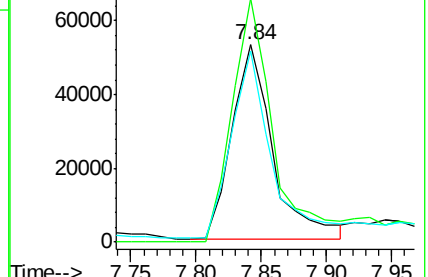
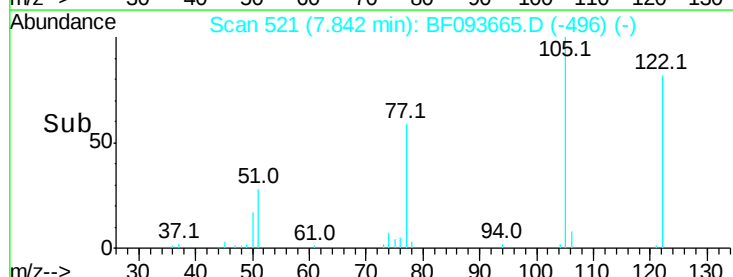
77 96.6 74.5 114.5

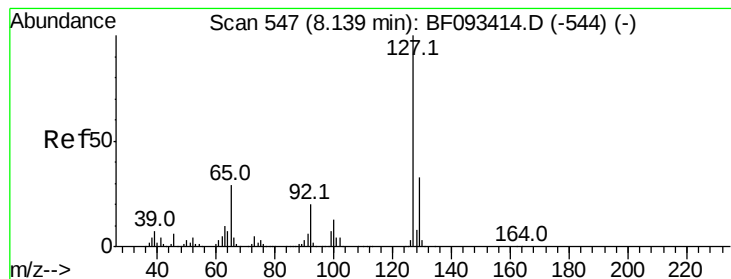


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 39.75 ng

RT: 8.17 min Scan# 550

Delta R.T. 0.08 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 542578

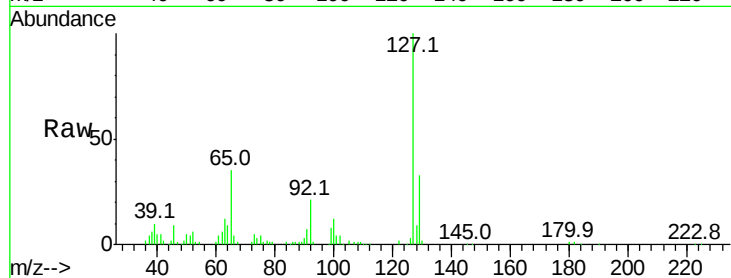
Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 34.7 25.8 38.8

92 21.5 16.1 24.1

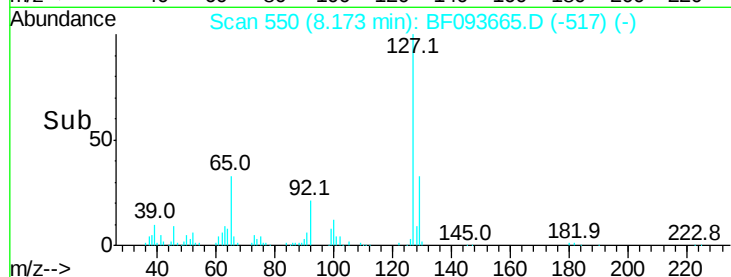


Abundance Ion 127.00 (126.70 to 127.70): E

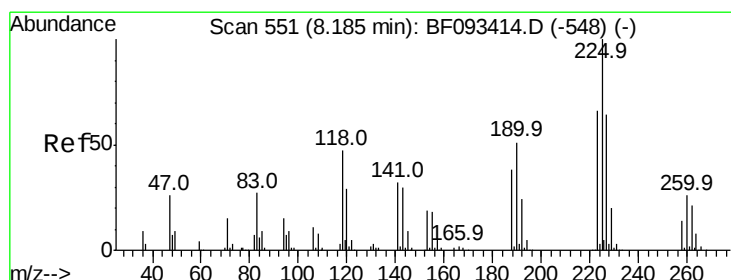
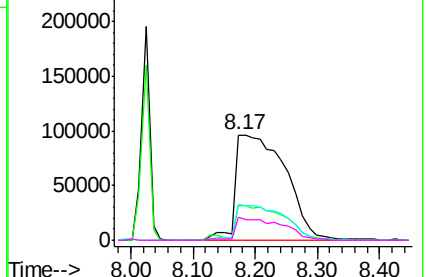
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 40.77 ng

RT: 8.14 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

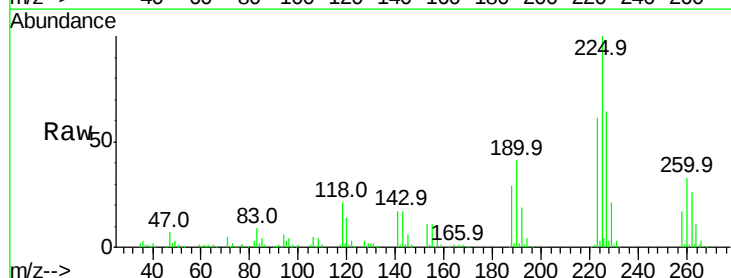
Tgt Ion:225 Resp: 212039

Ion Ratio Lower Upper

225 100

223 61.0 51.0 76.6

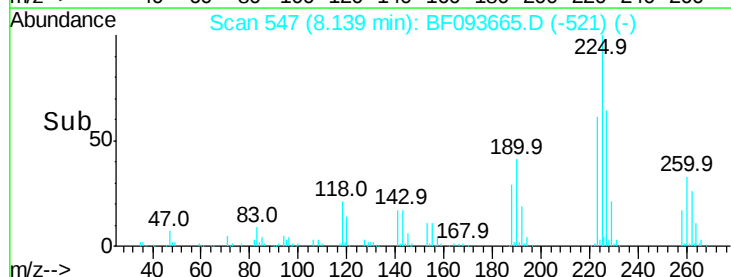
227 63.8 50.6 76.0



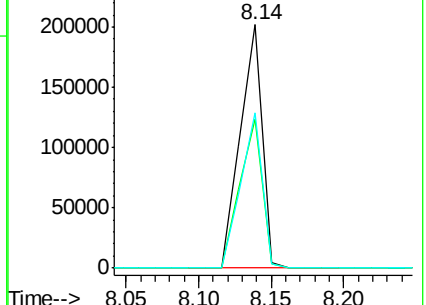
Abundance Ion 225.00 (224.70 to 225.70): E

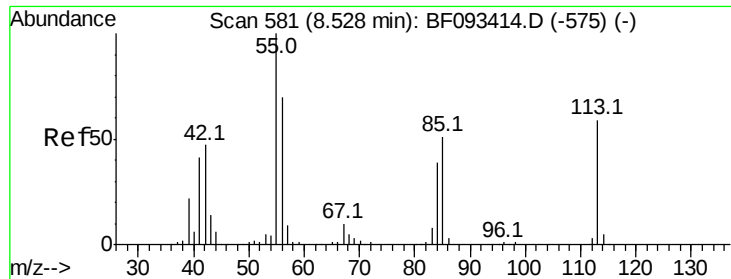
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

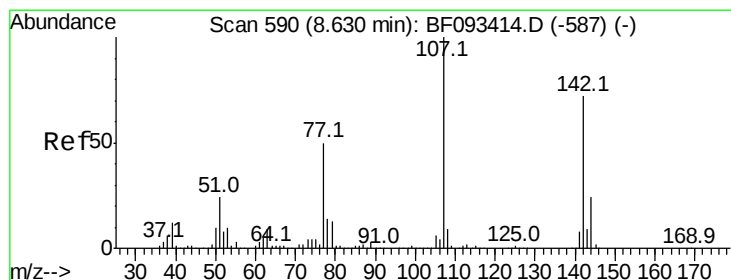
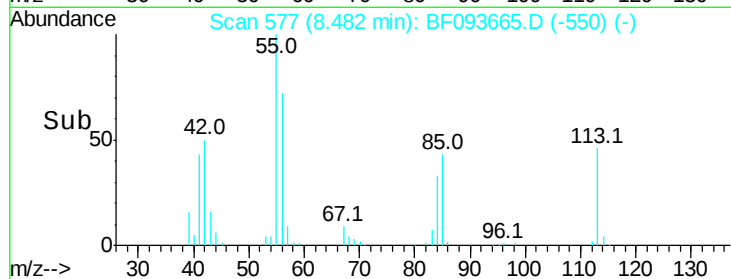
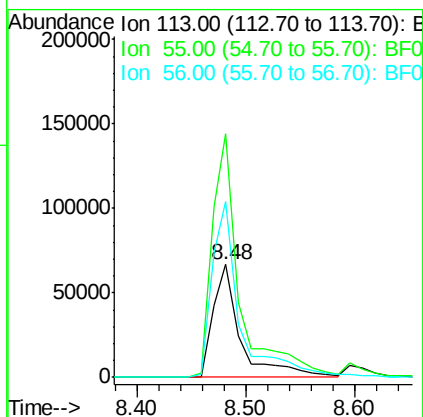
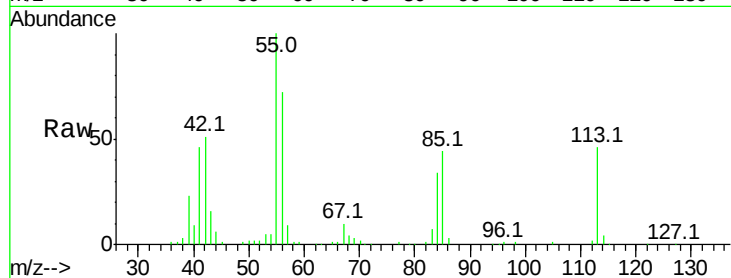




#35
 Caprolactam
 Concen: 36.38 ng
 RT: 8.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

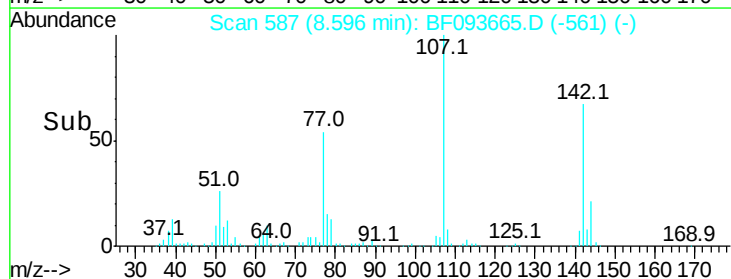
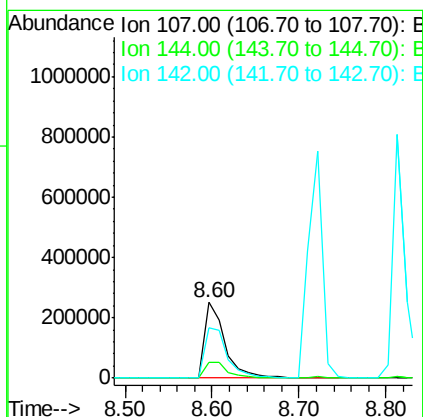
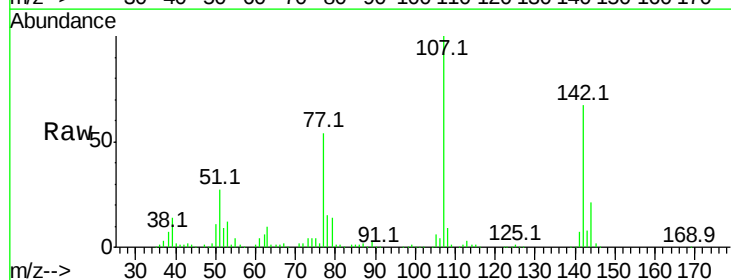
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

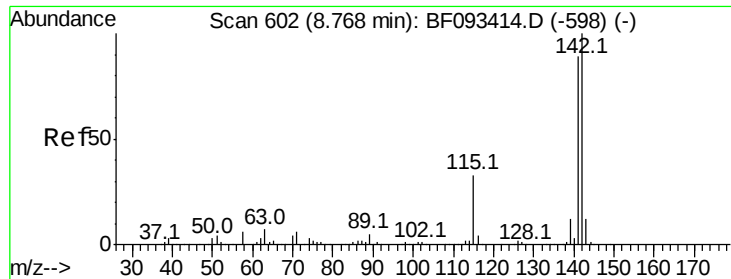
Tot Ion:113 Resp: 117943
 Ion Ratio Lower Upper
 113 100
 55 216.1 119.2 159.2#
 56 155.8 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.41 ng
 RT: 8.60 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

Tgt Ion:107 Resp: 409486
 Ion Ratio Lower Upper
 107 100
 144 21.1 19.3 28.9
 142 66.6 59.0 88.6

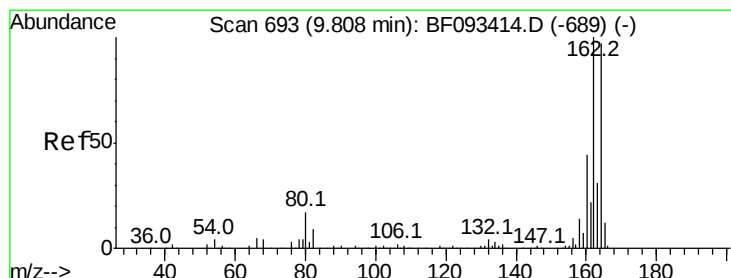
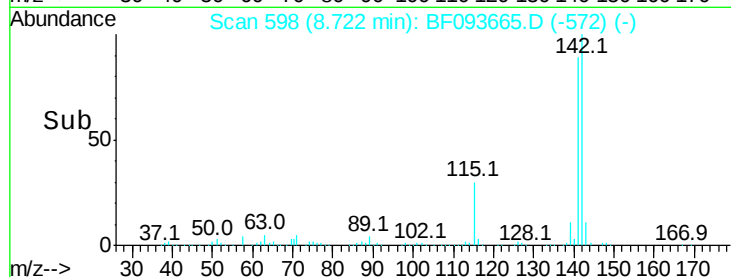
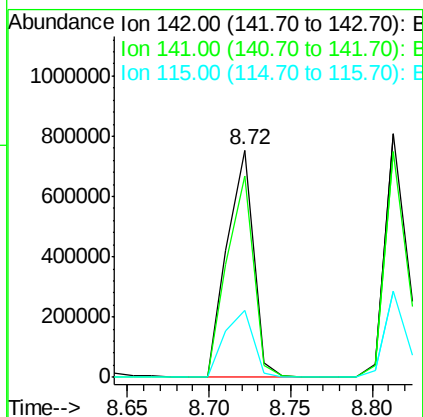
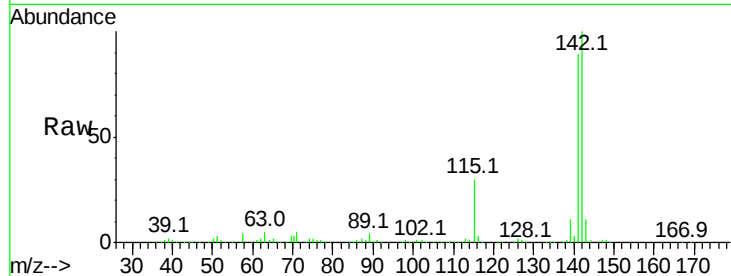




#37
 2-Methylnaphthalene
 Concen: 39.45 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

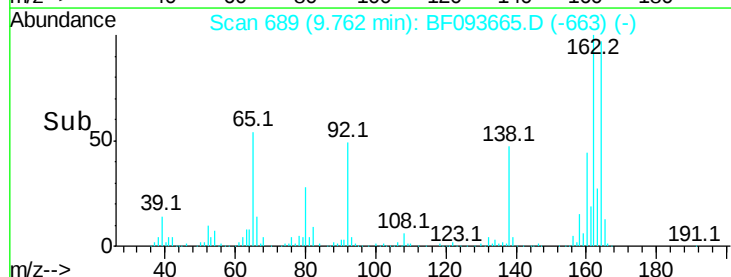
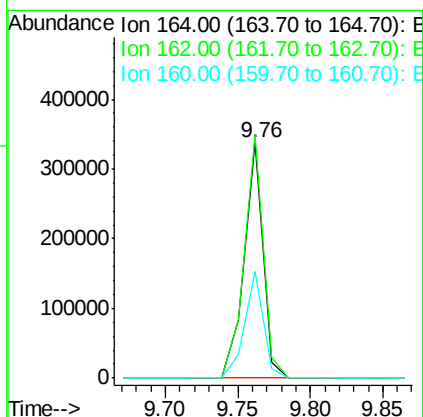
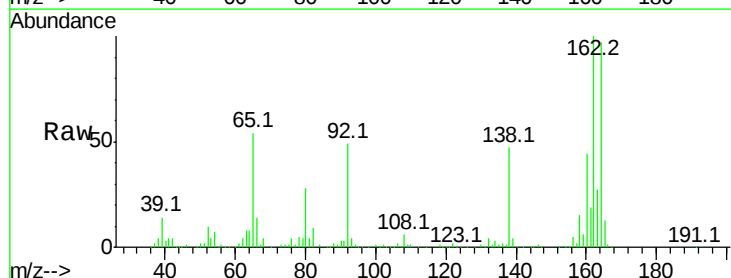
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

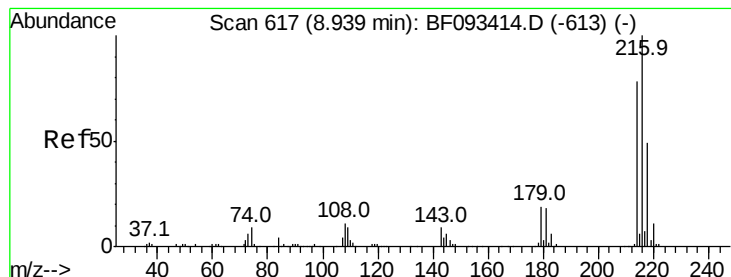
Tot Ion:142 Resp: 844393
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.0 106.6
 115 29.6 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

Tgt Ion:164 Resp: 305978
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.2 120.2
 160 45.3 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.00 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 384310

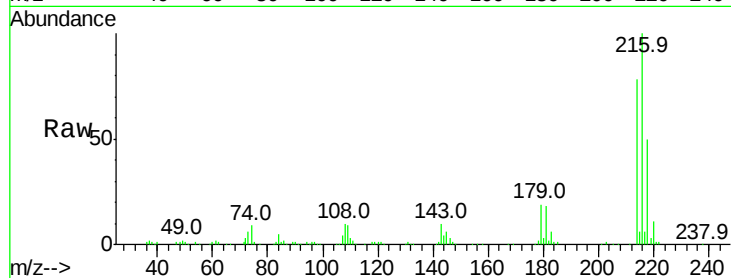
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.0

179 21.9 17.4 26.2

108 18.7 15.6 23.4

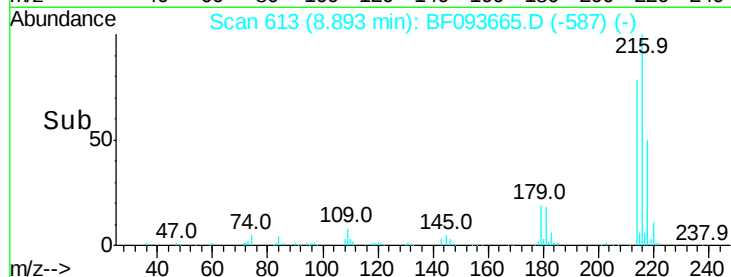


Abundance Ion 216.00 (215.70 to 216.70): E

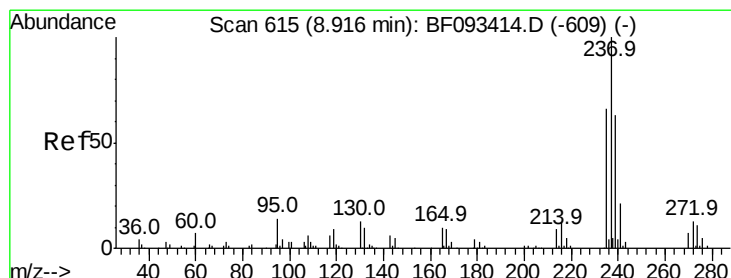
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 39.27 ng

RT: 8.87 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

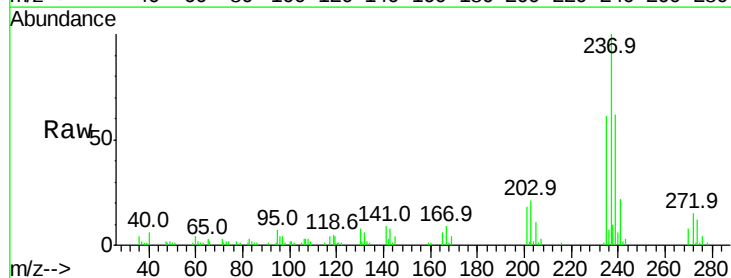
Tgt Ion:237 Resp: 67505

Ion Ratio Lower Upper

237 100

235 60.6 41.2 81.2

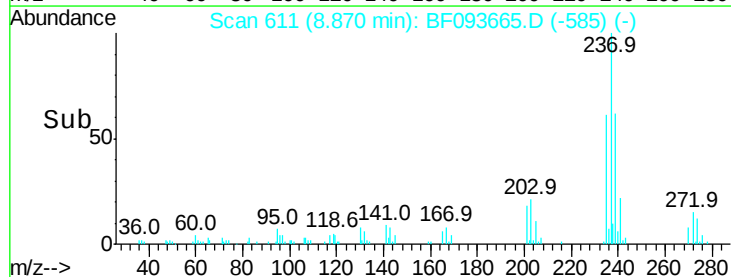
272 15.1 0.0 35.4



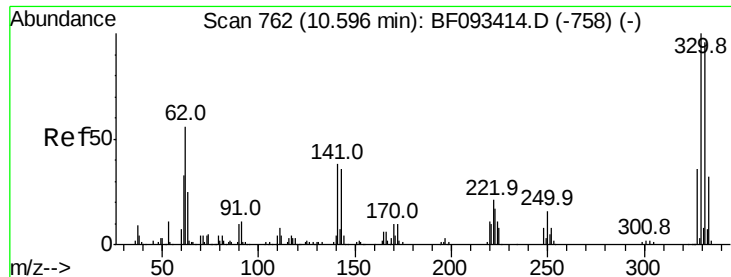
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



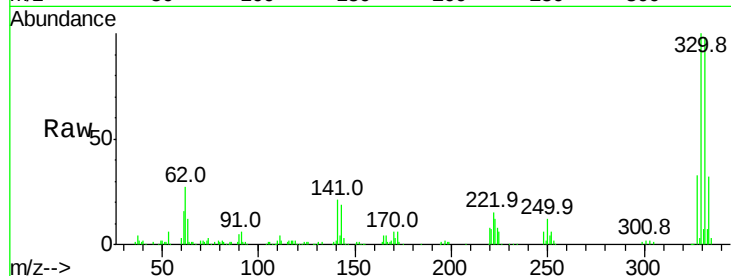
Time-->



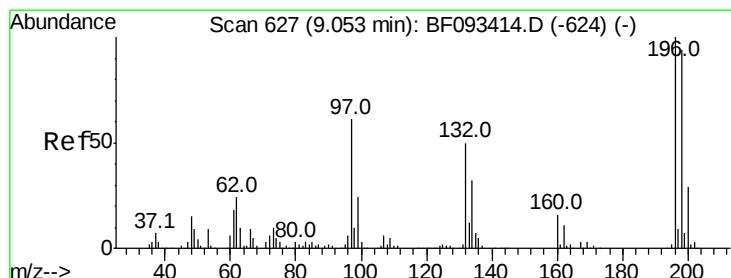
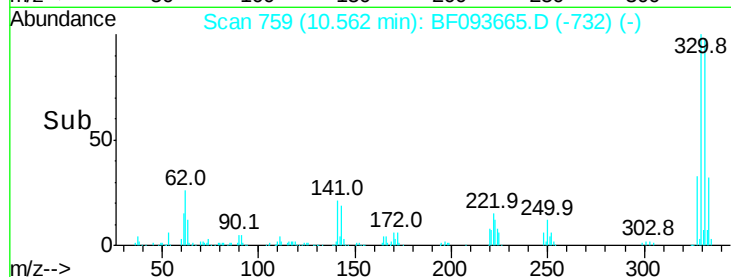
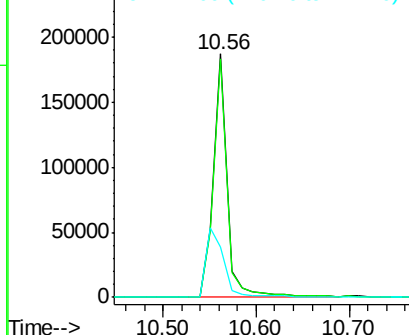
#41
 2,4,6-Tribromophenol
 Concen: 97.74 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 194837
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.4 116.2
 141 38.0 34.1 51.1

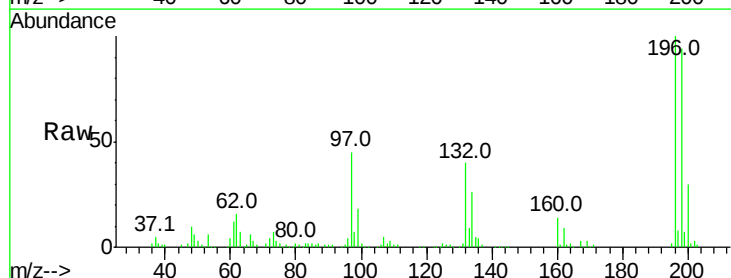


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

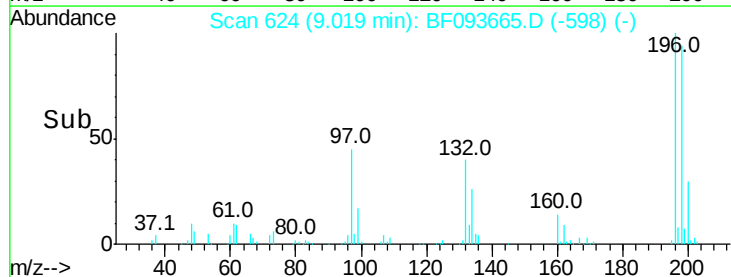
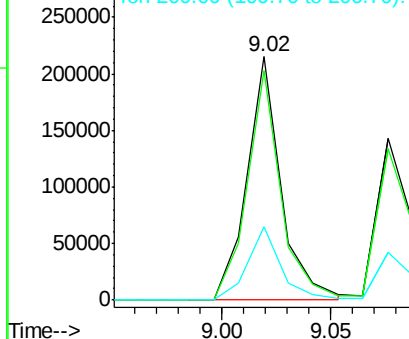


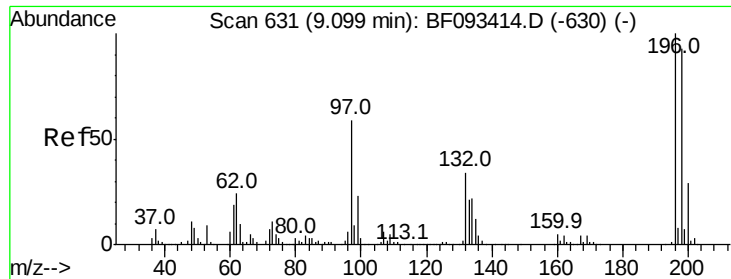
#42
 2,4,6-Trichlorophenol
 Concen: 44.74 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

Tgt Ion:196 Resp: 233572
 Ion Ratio Lower Upper
 196 100
 198 94.2 82.1 123.1
 200 30.0 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

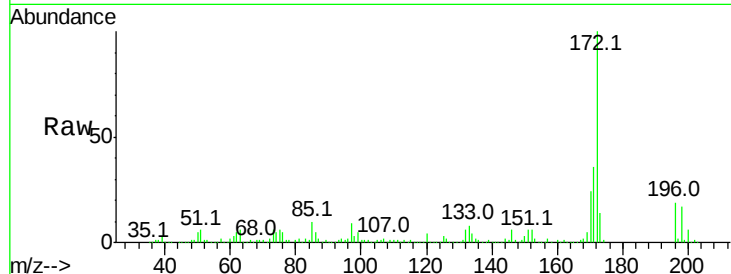




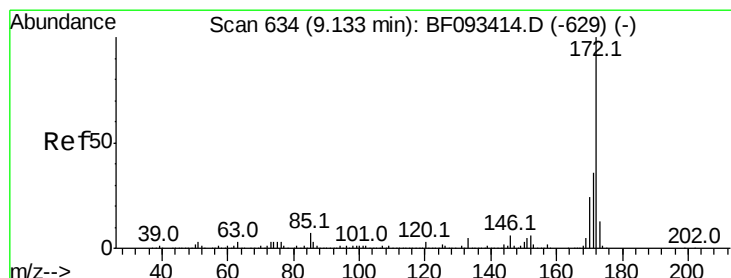
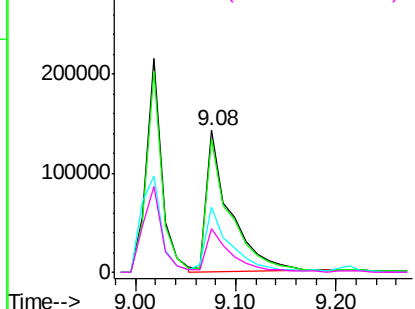
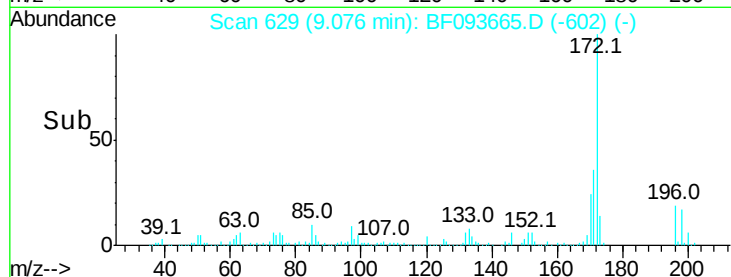
#43
 2,4,5-Trichlorophenol
 Concen: 41.36 ng
 RT: 9.08 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 231673
 Ion Ratio Lower Upper
 196 100
 198 93.4 79.4 119.2
 97 46.0 51.5 77.3#
 132 30.3 27.4 41.2

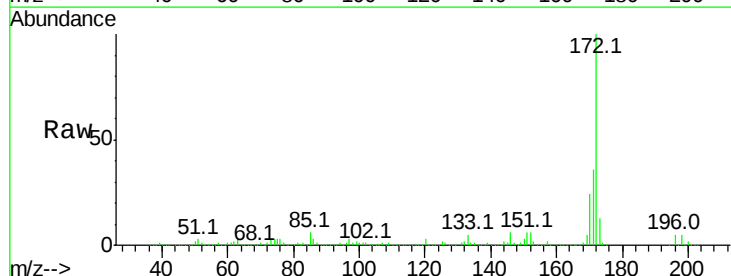


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

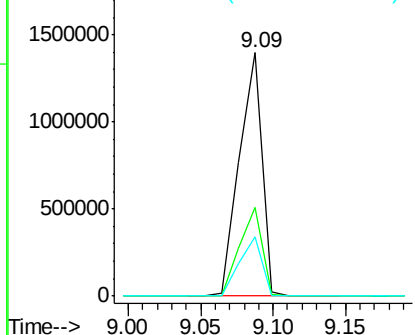
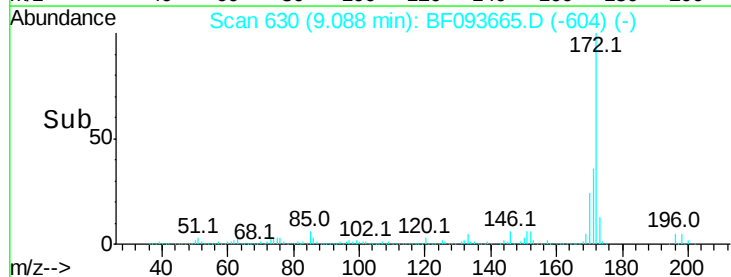


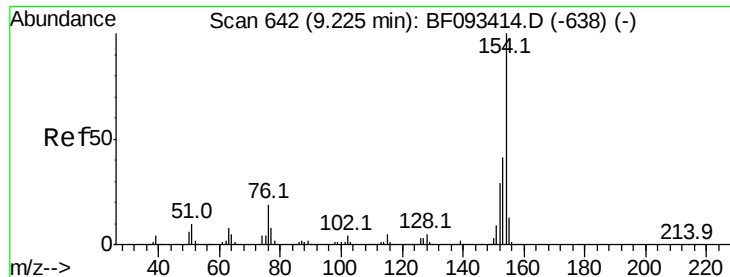
#44
 2-Fluorobiphenyl
 Concen: 91.98 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

Tgt Ion:172 Resp: 1513106
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 45.76 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

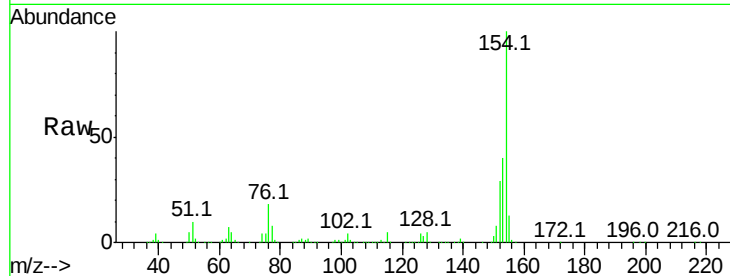
Tot Ion:154 Resp: 1019870

Ion Ratio Lower Upper

154 100

153 40.5 20.9 60.9

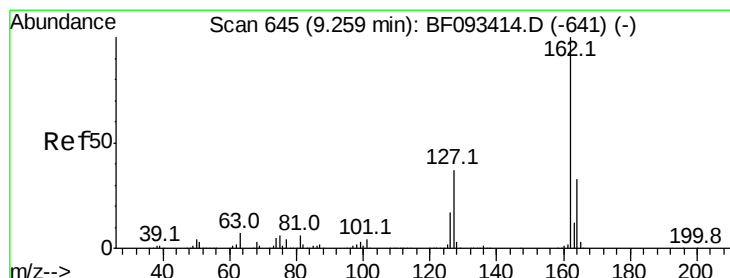
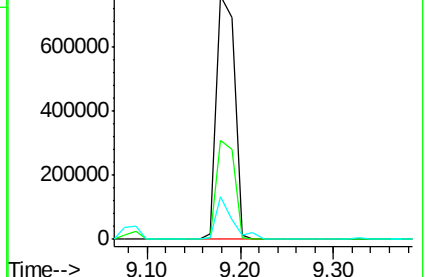
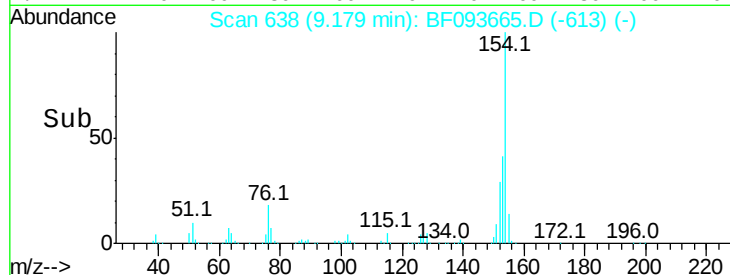
76 17.6 0.0 30.5



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: 47.84 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

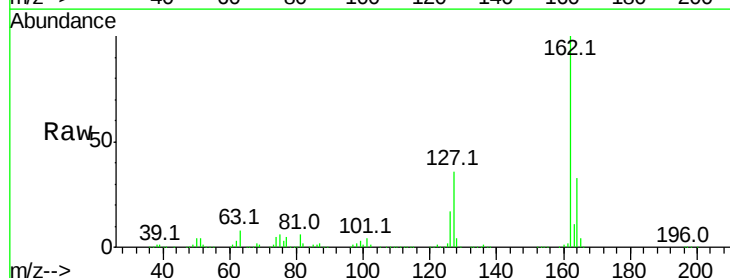
Tgt Ion:162 Resp: 816186

Ion Ratio Lower Upper

162 100

127 36.0 30.7 46.1

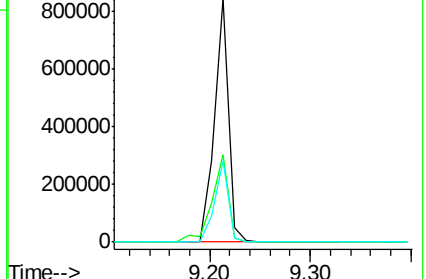
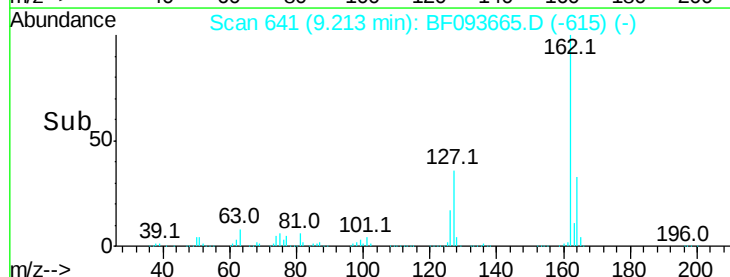
164 33.1 27.6 41.4

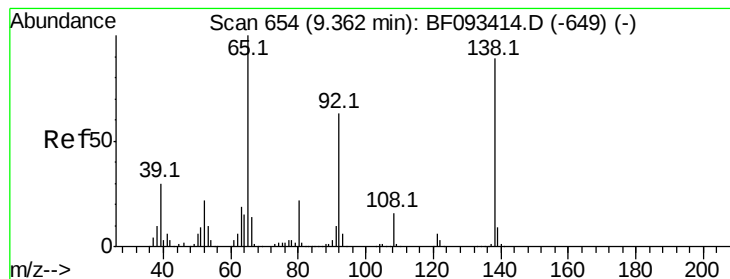


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.42 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

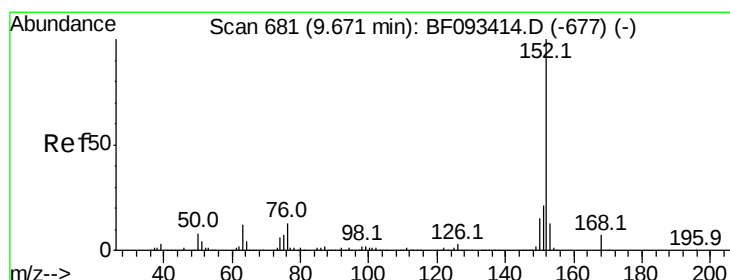
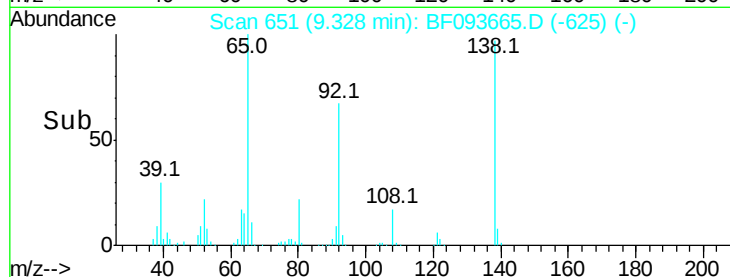
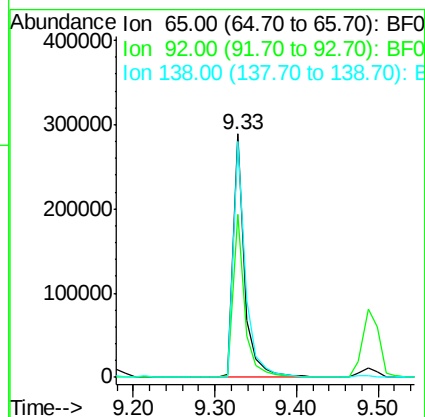
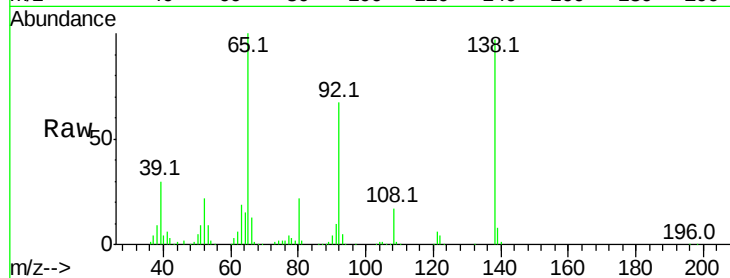
Tot Ion: 65 Resp: 279997

Ion Ratio Lower Upper

65 100

92 66.9 53.9 80.9

138 97.2 76.8 115.2



#48

Acenaphthylene

Concen: 47.18 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

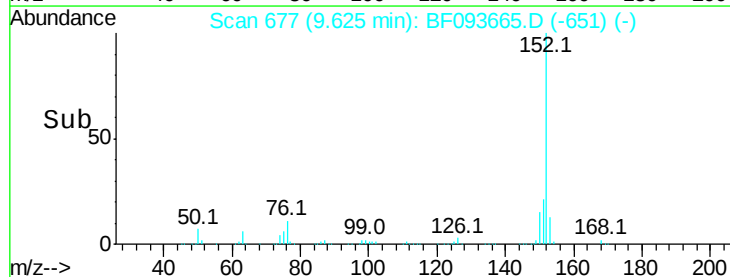
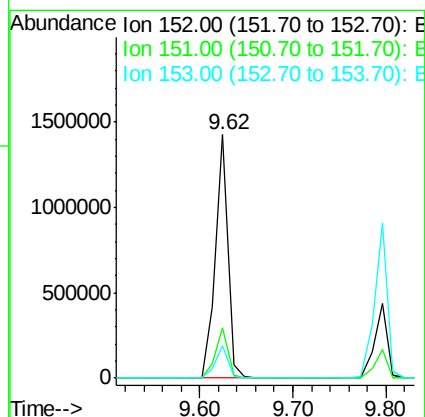
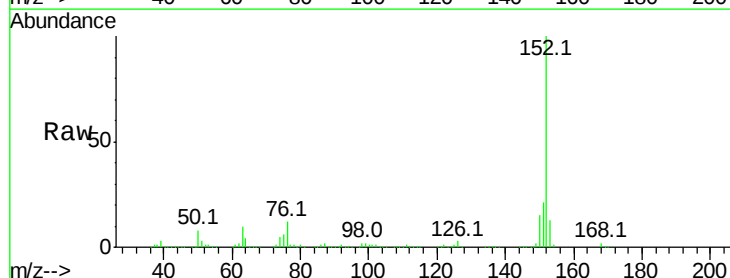
Tgt Ion: 152 Resp: 1327662

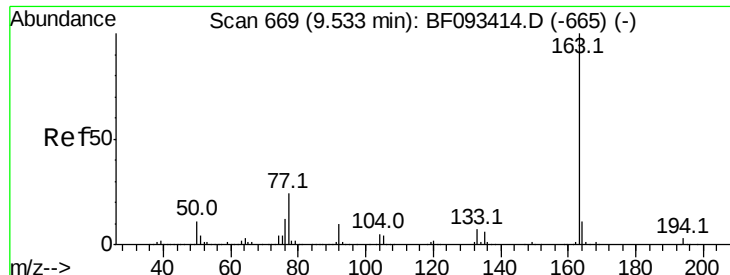
Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

153 13.3 11.4 17.2

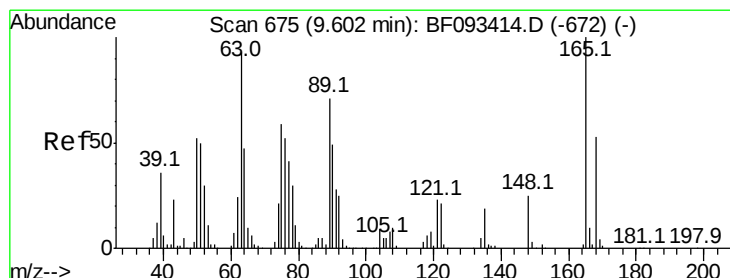
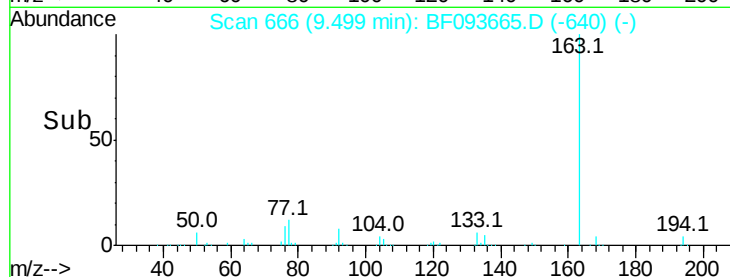
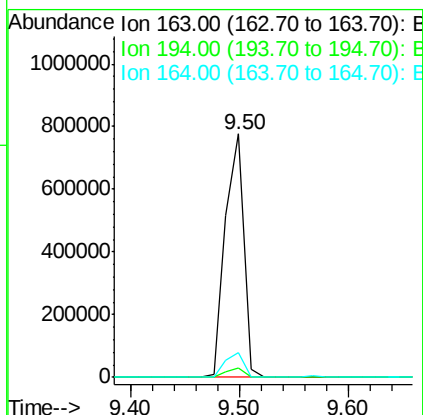
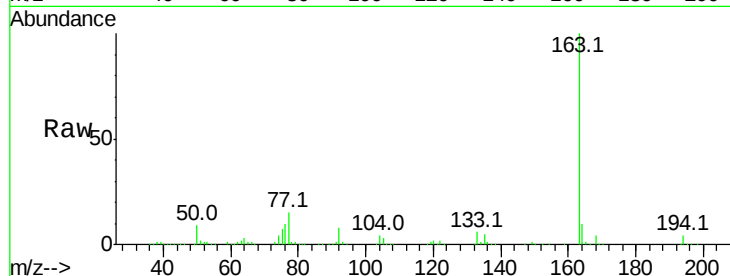




#49
Dimethylphthalate
Concen: 45.17 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

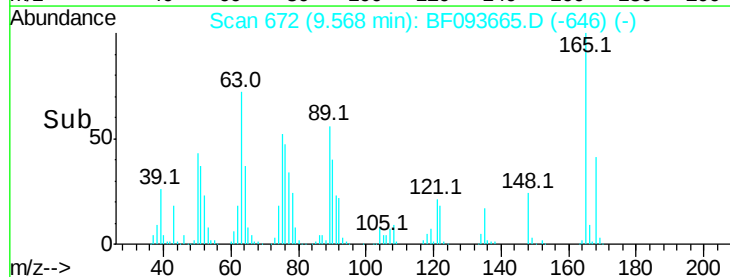
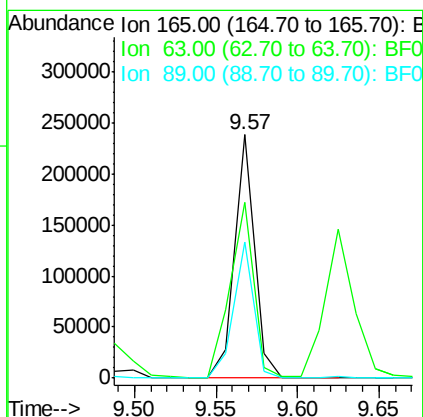
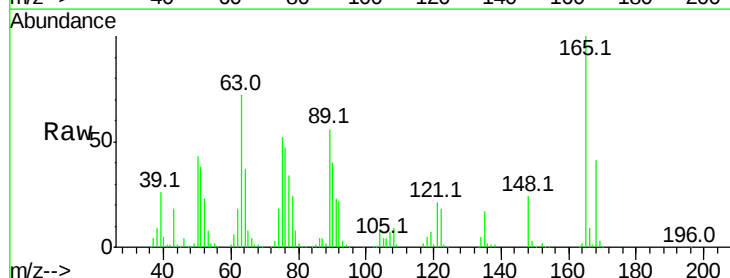
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

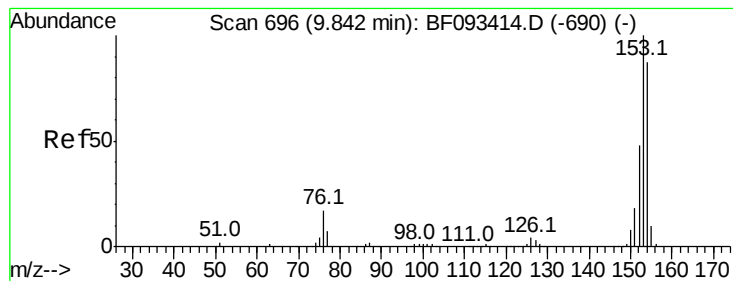
Tot Ion:163 Resp: 916331
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.9 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 44.98 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

Tgt Ion:165 Resp: 200224
Ion Ratio Lower Upper
165 100
63 72.3 36.2 54.4#
89 56.0 40.2 60.4





#51

Acenaphthene

Concen: 46.04 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

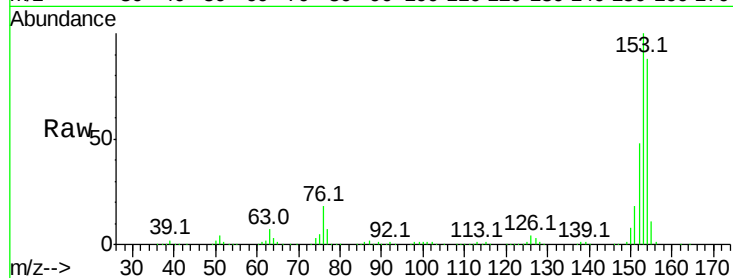
Tot Ion:154 Resp: 766029

Ion Ratio Lower Upper

154 100

153 113.7 88.6 133.0

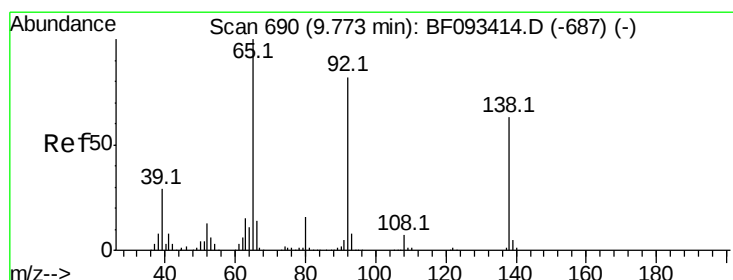
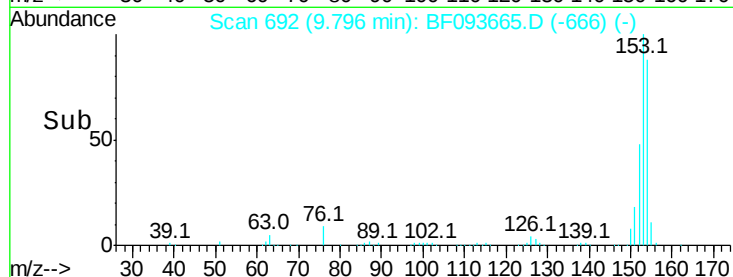
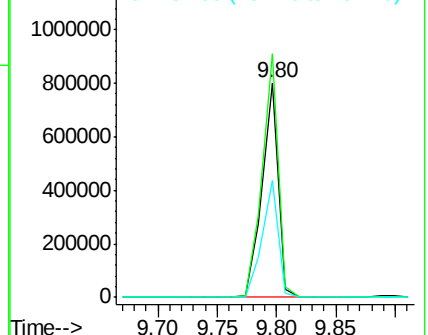
152 54.7 41.6 62.4



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: 39.87 ng

RT: 9.76 min Scan# 689

Delta R.T. 0.02 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

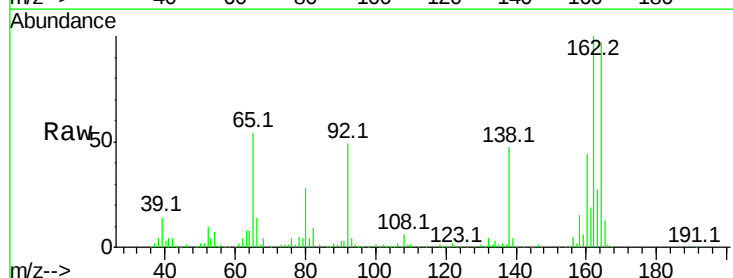
Tgt Ion:138 Resp: 213183

Ion Ratio Lower Upper

138 100

108 13.8 8.5 12.7#

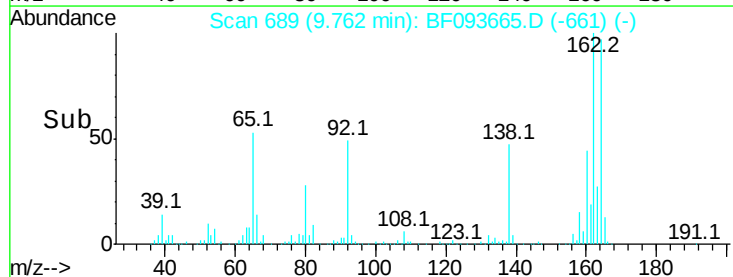
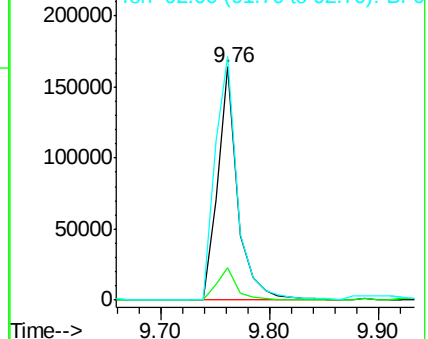
92 104.4 97.8 146.8

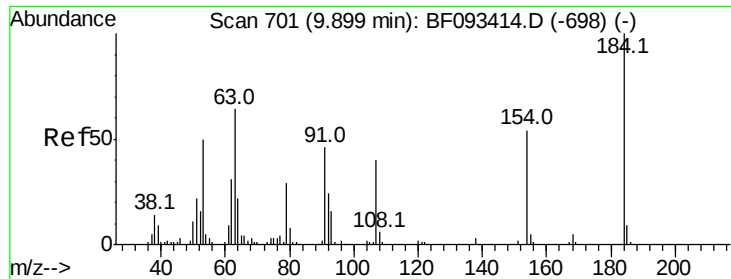


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

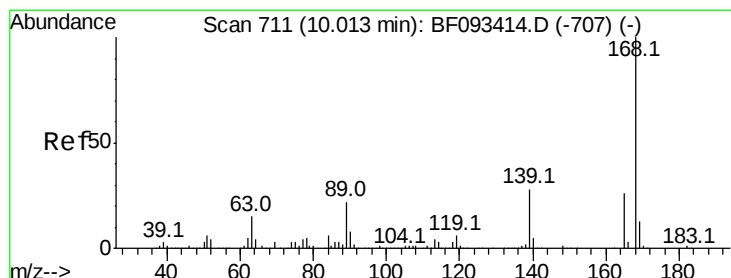
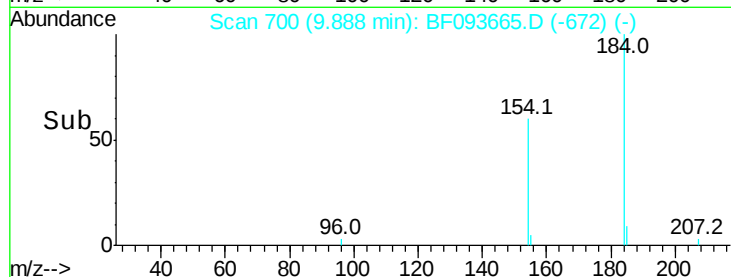
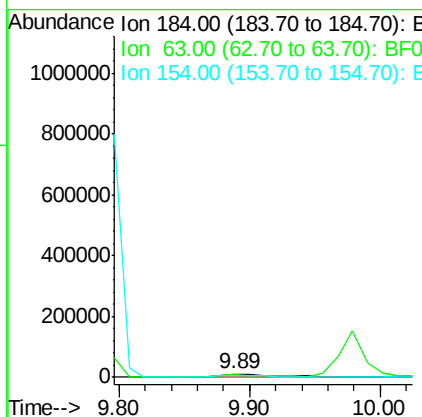
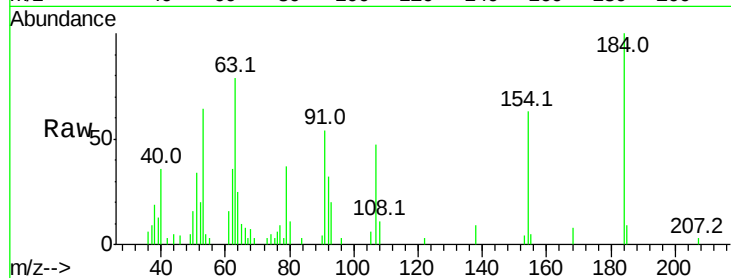




#53
 2,4-Dinitrophenol
 Concen: 17.21 ng
 RT: 9.89 min Scan# 700
 Delta R.T. 0.02 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

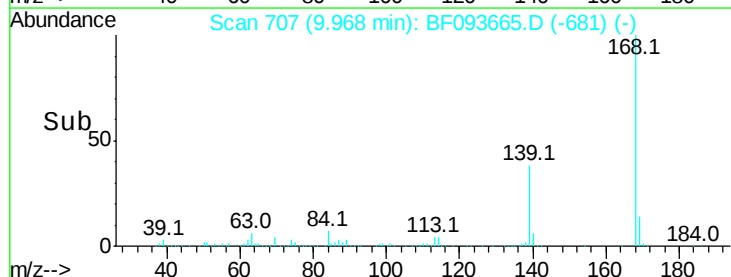
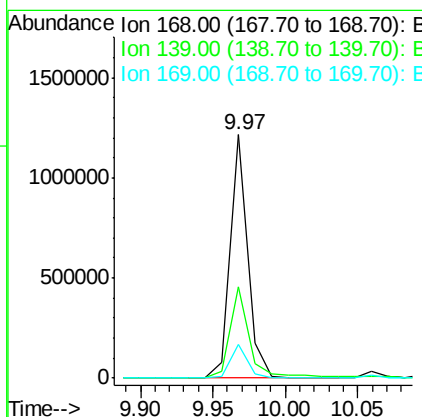
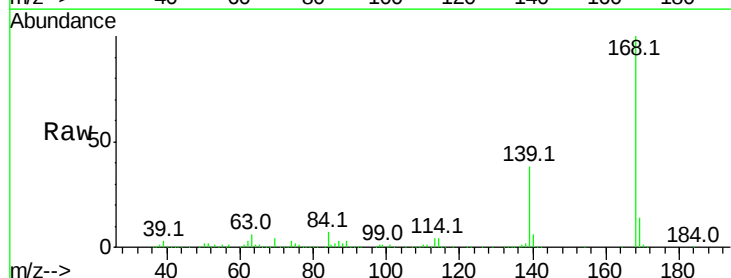
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

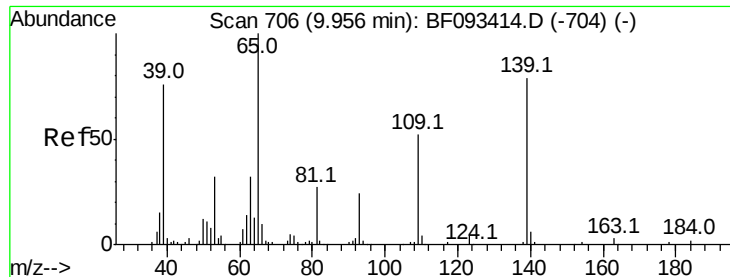
Tot Ion:184 Resp: 34886
 Ion Ratio Lower Upper
 184 100
 63 79.4 28.4 42.6#
 154 63.3 44.3 66.5



#54
 Dibenzofuran
 Concen: 48.91 ng
 RT: 9.97 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

Tgt Ion:168 Resp: 1018629
 Ion Ratio Lower Upper
 168 100
 139 37.7 32.6 49.0
 169 13.8 11.3 16.9

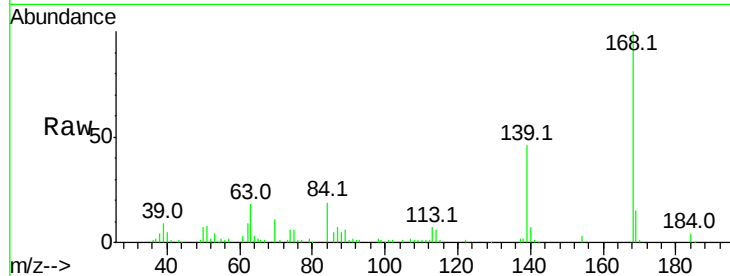




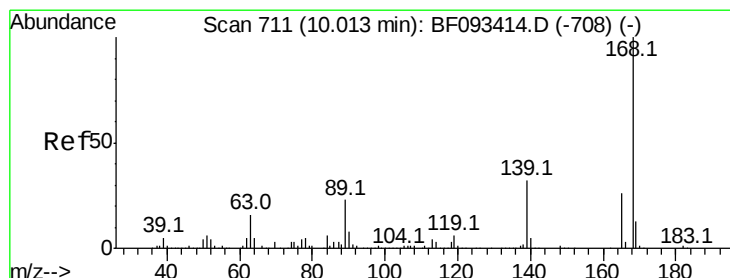
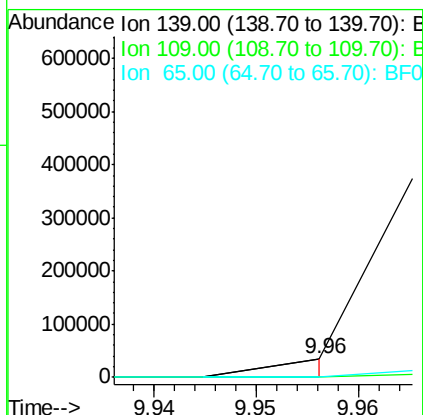
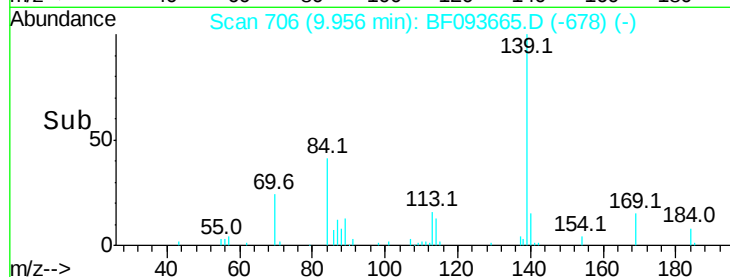
#55
4-Nitrophenol
Concen: 9.39 ng/mL
RT: 9.96 min Scan# 706
Delta R.T. 0.02 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 24402
Ion Ratio Lower Upper
139 100
109 1.3 52.2 92.2#
65 5.1 85.8 125.8#

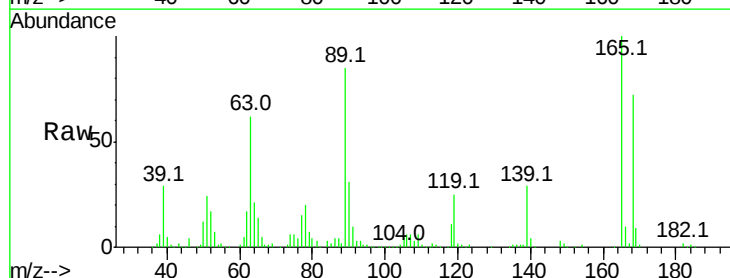


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

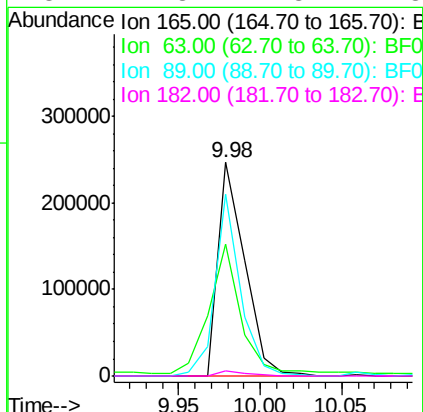
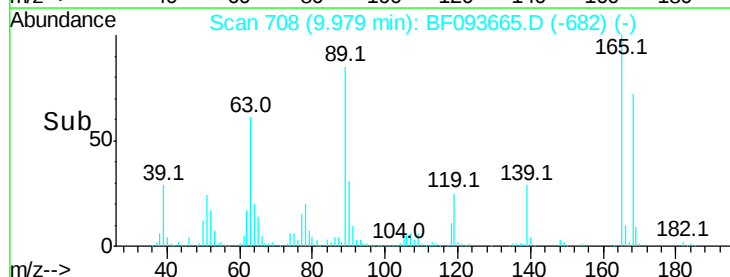


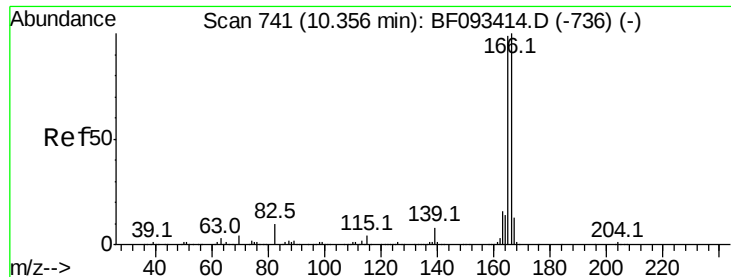
#56
2,4-Dinitrotoluene
Concen: 51.30 ng/mL
RT: 9.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

Tgt Ion:165 Resp: 280525
Ion Ratio Lower Upper
165 100
63 61.7 40.2 60.4#
89 85.0 62.5 93.7
182 2.3 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

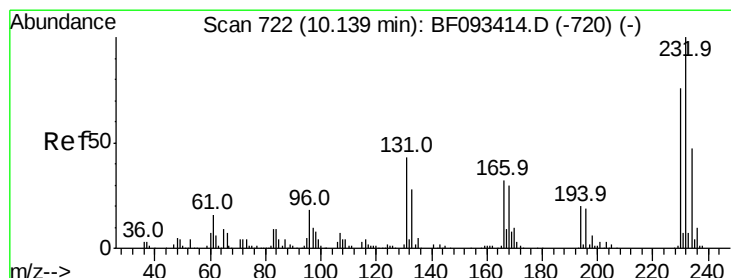
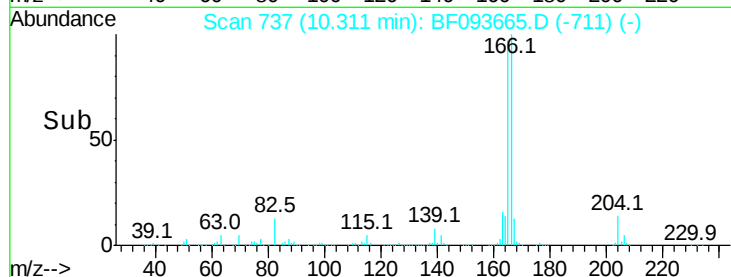
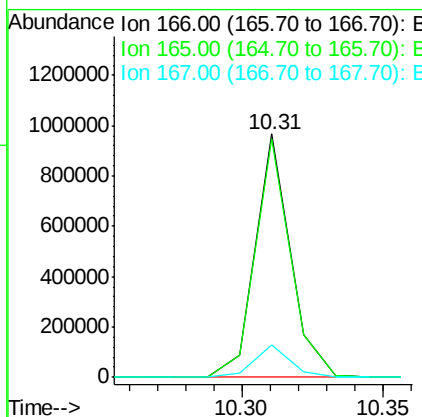
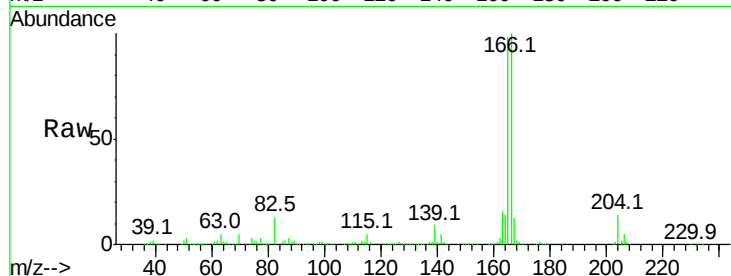




#57
 Fluorene
 Concen: 47.92 ng/ml
 RT: 10.31 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

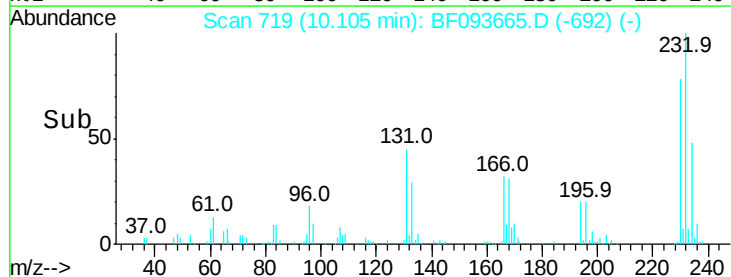
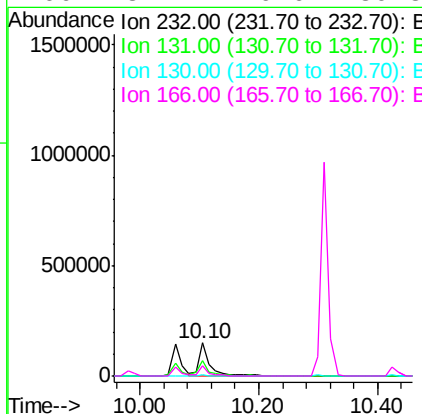
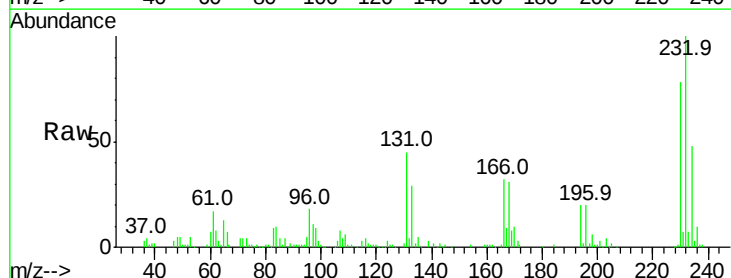
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

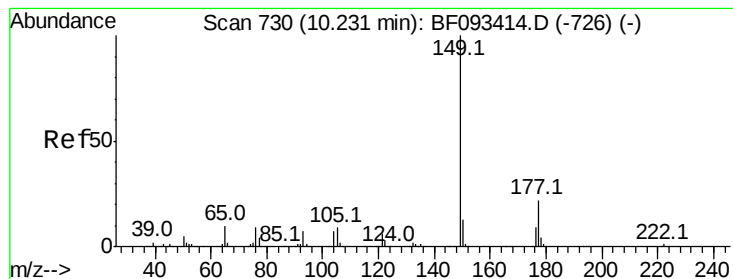
Tot Ion:166 Resp: 845632
 Ion Ratio Lower Upper
 166 100
 165 98.0 77.8 116.8
 167 13.2 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.94 ng/ml
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

Tgt Ion:232 Resp: 193460
 Ion Ratio Lower Upper
 232 100
 131 39.6 40.1 60.1#
 130 2.0 1.8 2.8
 166 31.1 26.6 39.8





#59

Diethylphthalate

Concen: 46.84 ng

RT: 10.20 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

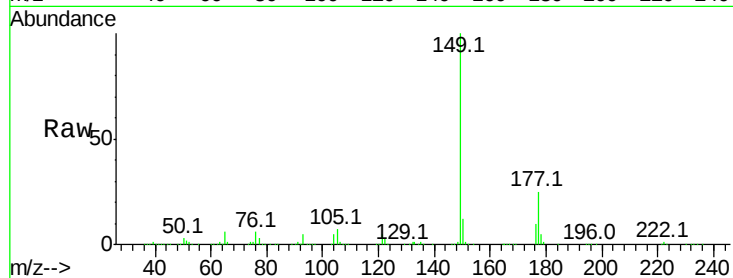
Tot Ion:149 Resp: 908071

Ion Ratio Lower Upper

149 100

177 24.6 16.6 25.0

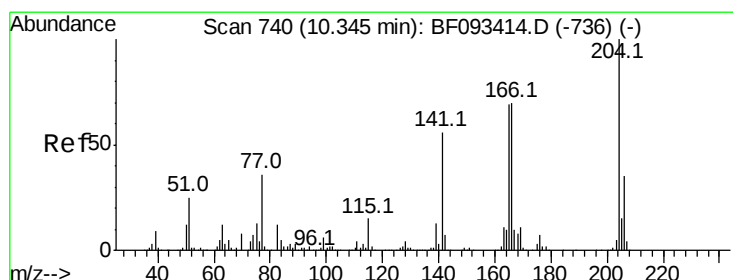
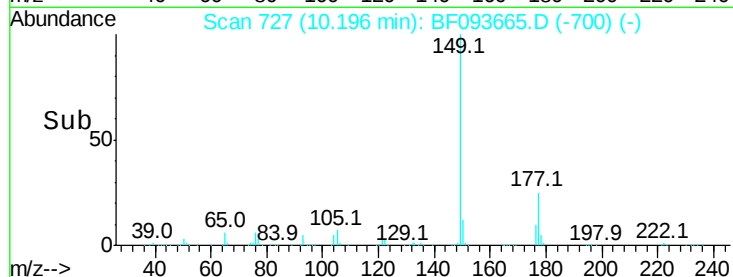
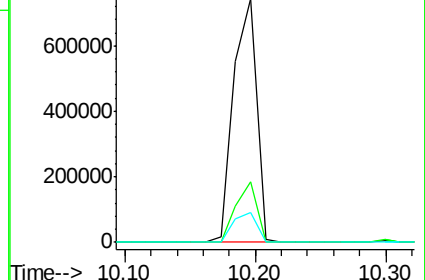
150 12.3 10.4 15.6



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: 47.26 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

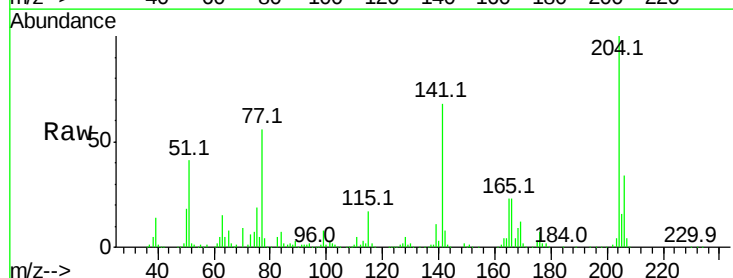
Tgt Ion:204 Resp: 373865

Ion Ratio Lower Upper

204 100

206 33.9 25.8 38.6

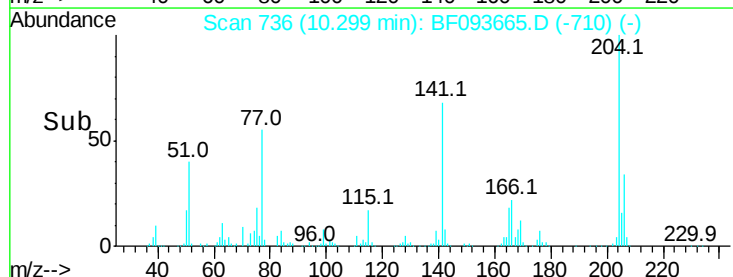
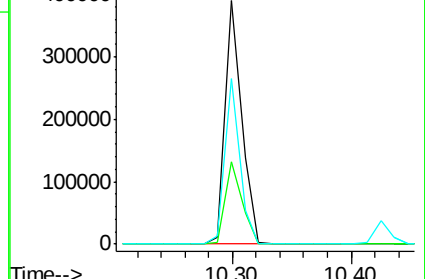
141 68.0 59.4 89.0

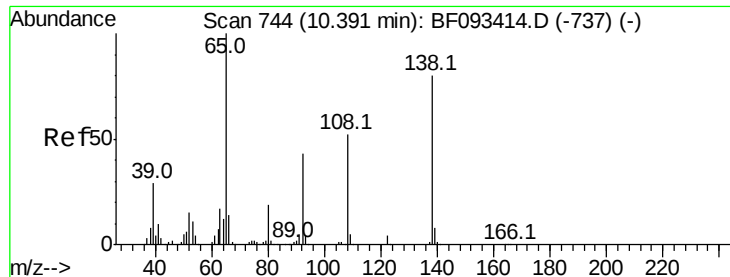


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

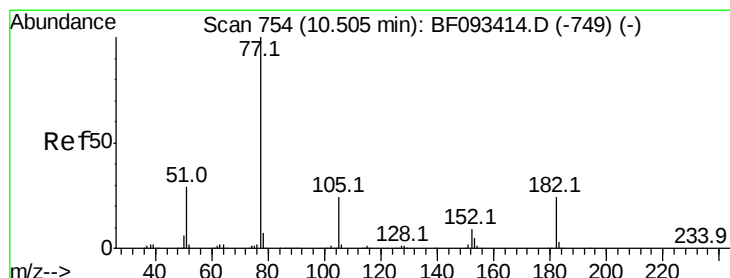
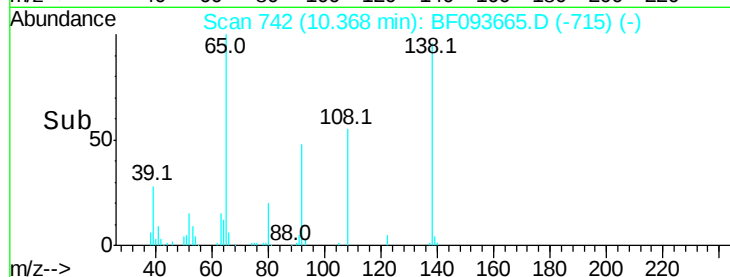
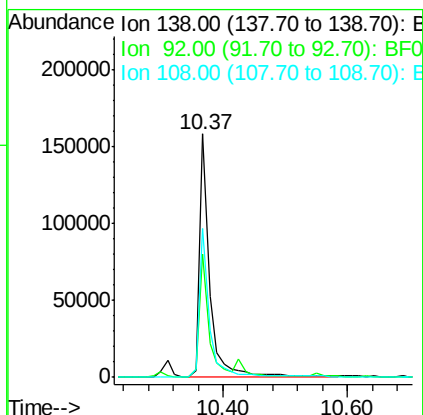
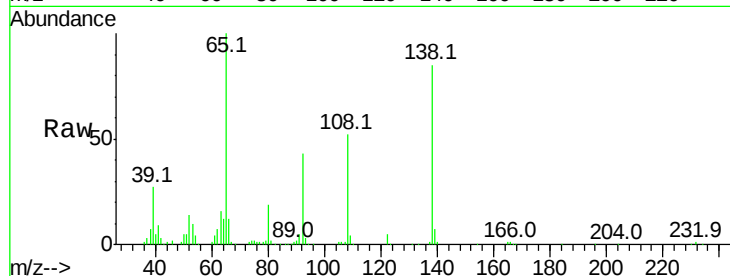




#61
4-Nitroaniline
Concen: 33.99 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

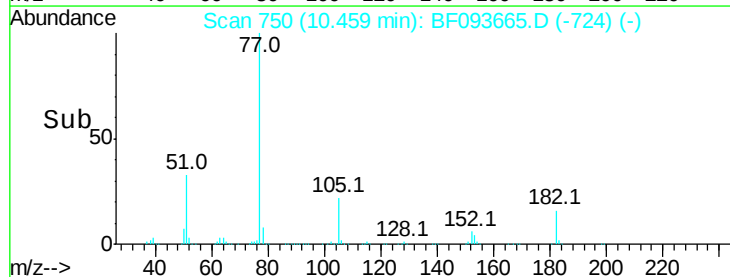
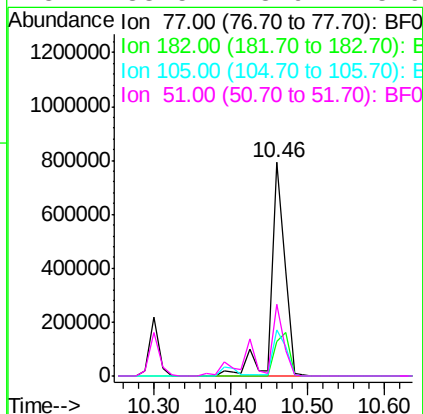
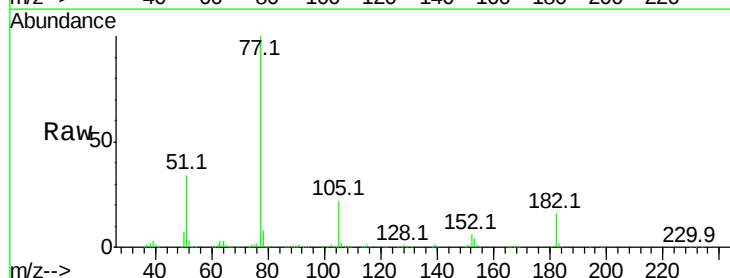
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

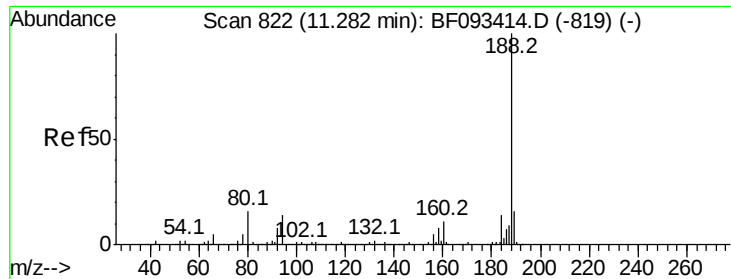
Tot Ion:138 Resp: 185898
Ion Ratio Lower Upper
138 100
92 50.8 31.7 71.7
108 61.3 52.6 92.6



#62
Azobenzene
Concen: 42.68 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

Tgt Ion: 77 Resp: 940168
Ion Ratio Lower Upper
77 100
182 16.0 0.0 39.3
105 21.7 2.3 42.3
51 33.5 8.9 48.9

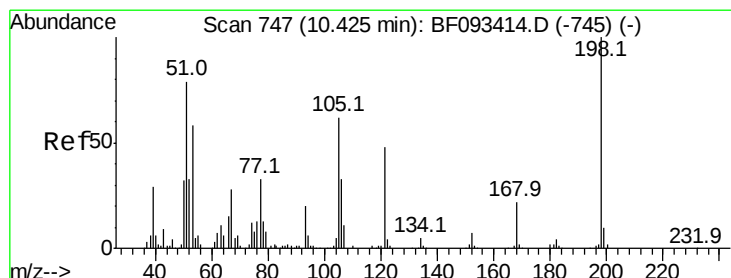
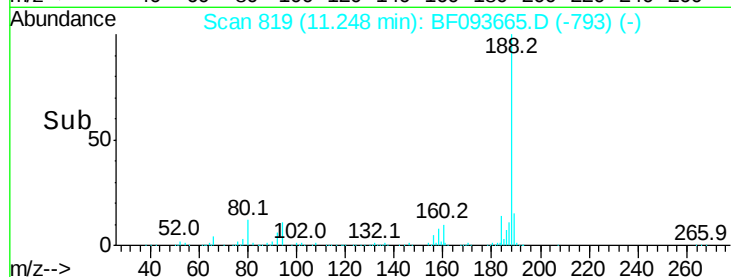
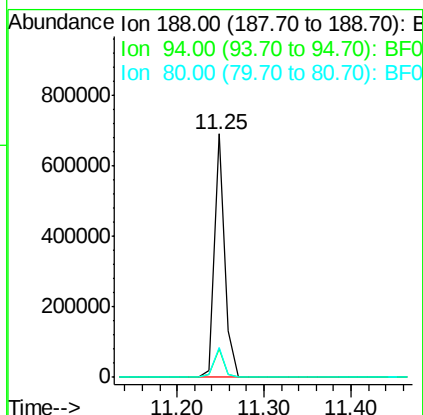
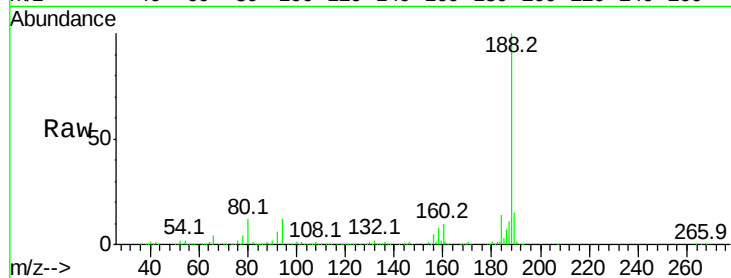




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

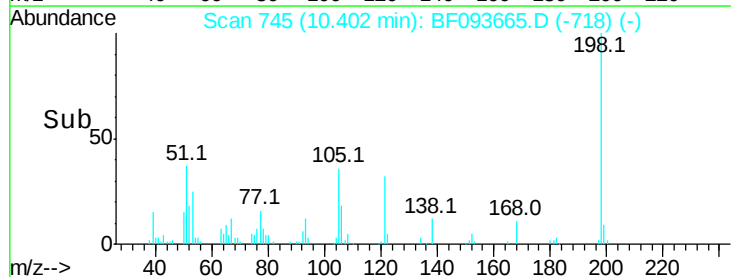
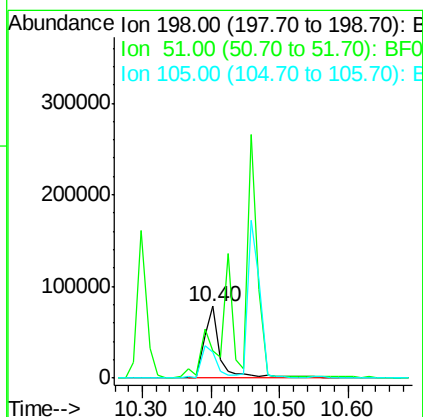
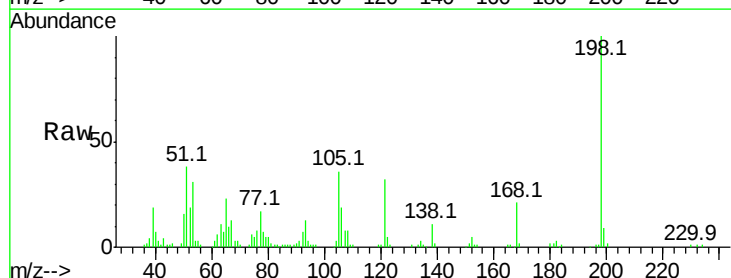
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

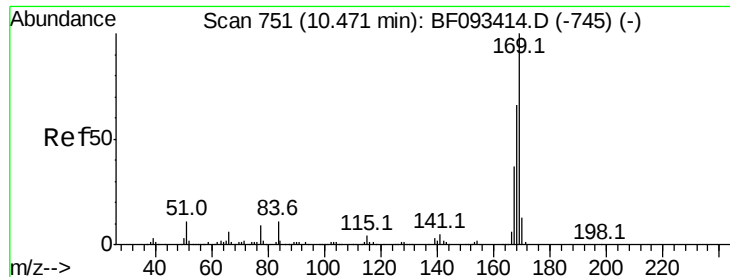
Tot Ion:188 Resp: 585351
Ion Ratio Lower Upper
188 100
94 11.8 10.0 15.0
80 12.2 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 33.29 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

Tgt Ion:198 Resp: 126268
Ion Ratio Lower Upper
198 100
51 37.9 6.7 46.7
105 35.5 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 34.74 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

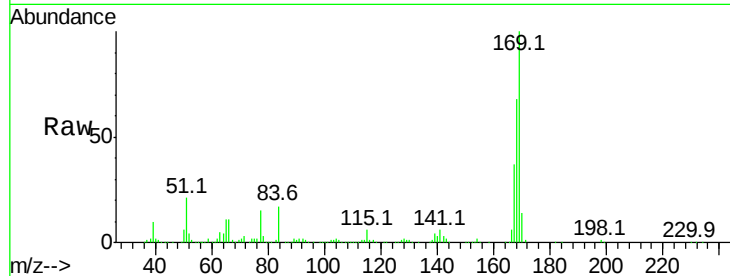
Tot Ion:169 Resp: 679098

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

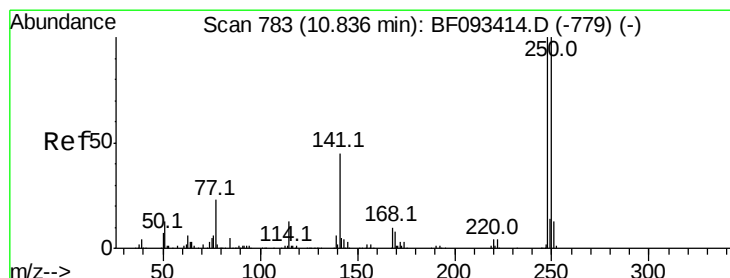
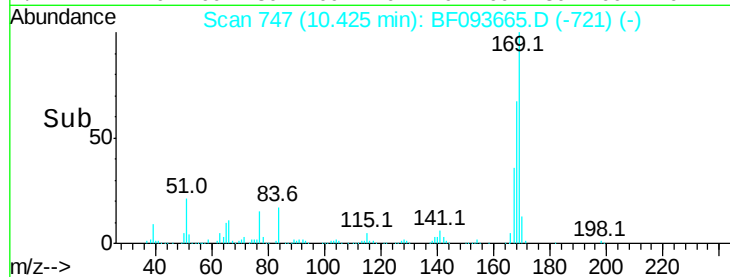
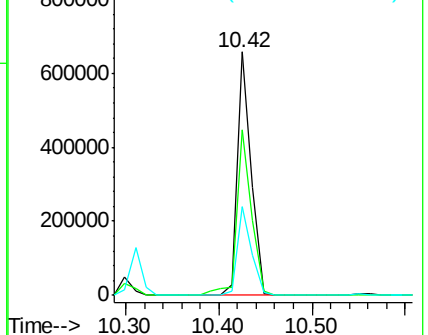
167 36.6 30.2 45.4



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: 37.74 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

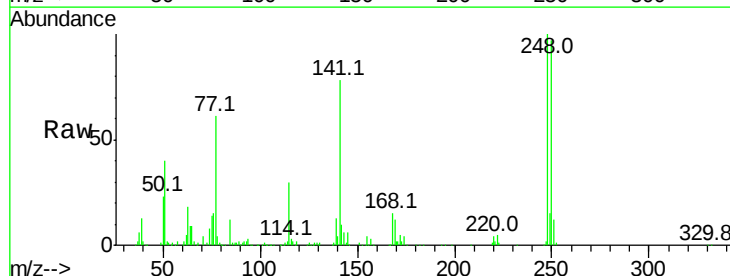
Tgt Ion:248 Resp: 233607

Ion Ratio Lower Upper

248 100

250 97.0 76.9 115.3

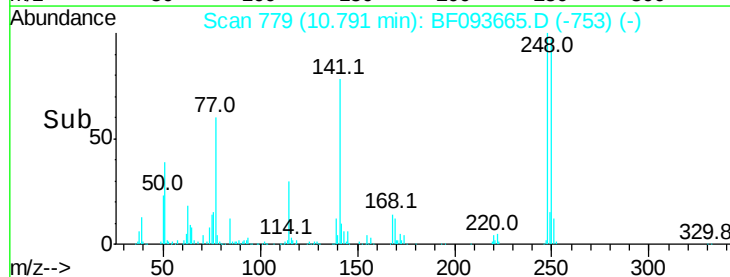
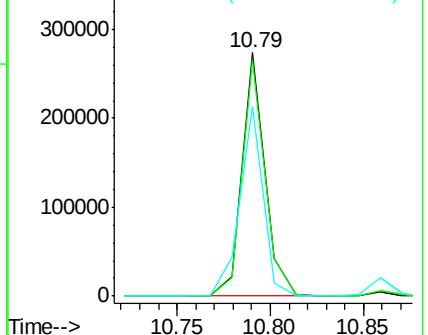
141 77.9 68.2 102.4

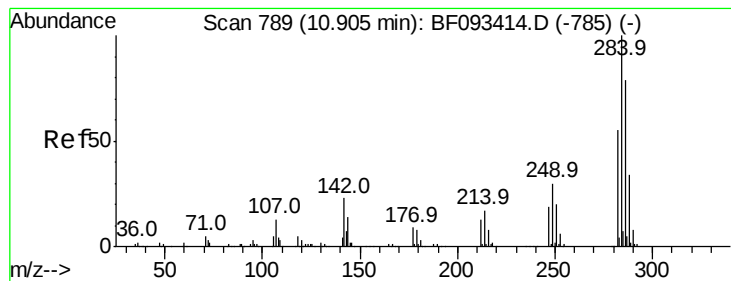


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.71 ng

RT: 10.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

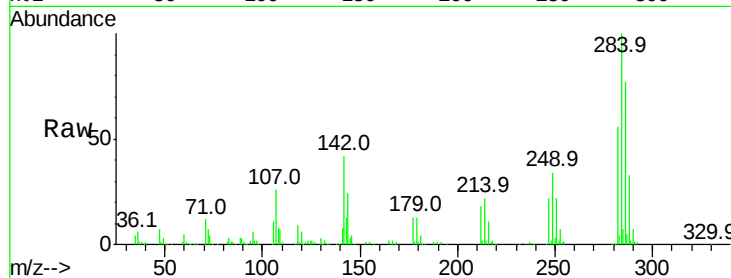
Tot Ion:284 Resp: 228810

Ion Ratio Lower Upper

284 100

142 42.3 22.6 33.8#

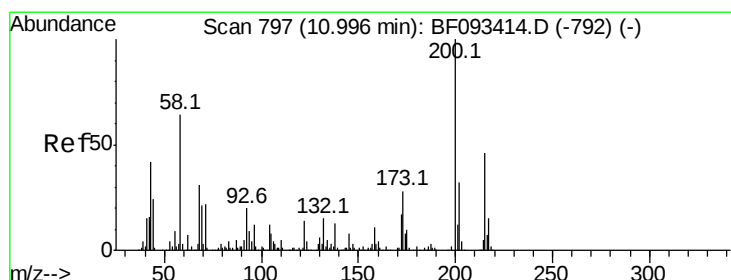
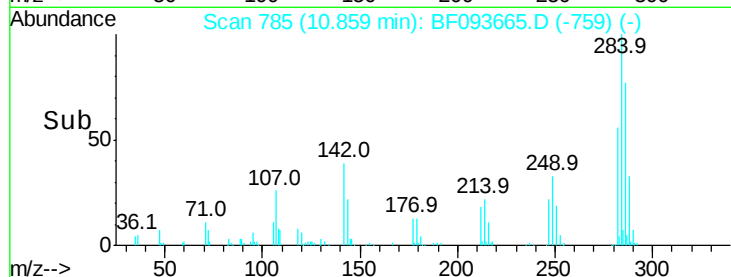
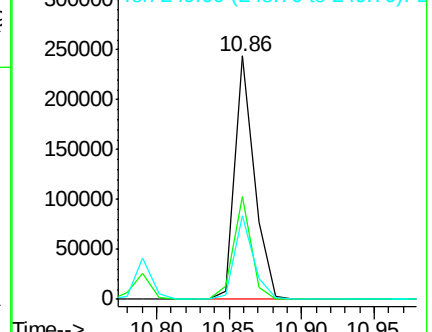
249 34.3 25.4 38.0



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: 34.56 ng

RT: 10.96 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

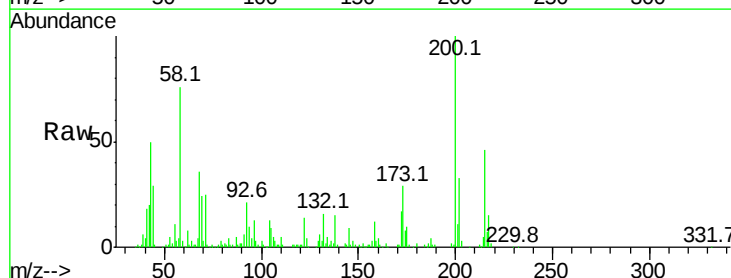
Tgt Ion:200 Resp: 197712

Ion Ratio Lower Upper

200 100

173 29.0 9.6 49.6

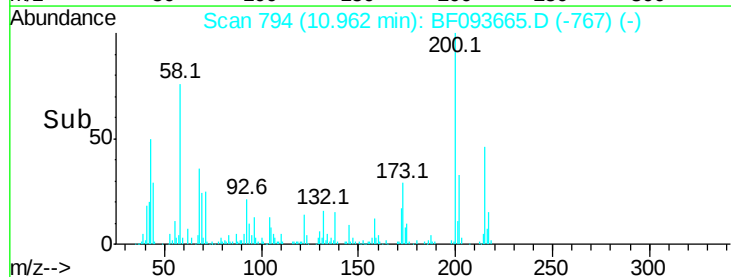
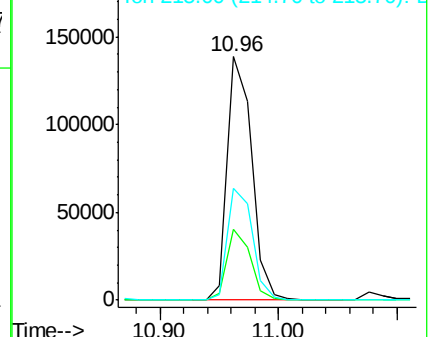
215 45.8 25.7 65.7

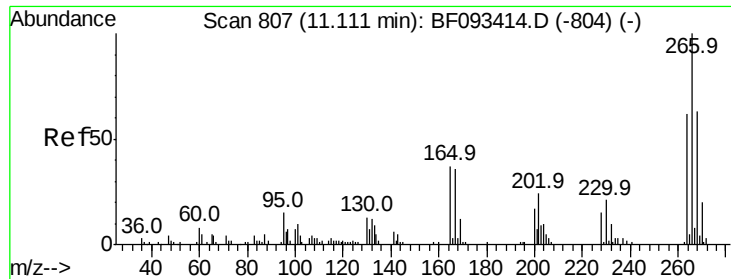


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

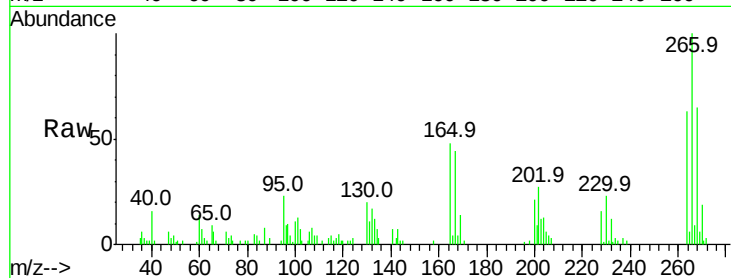




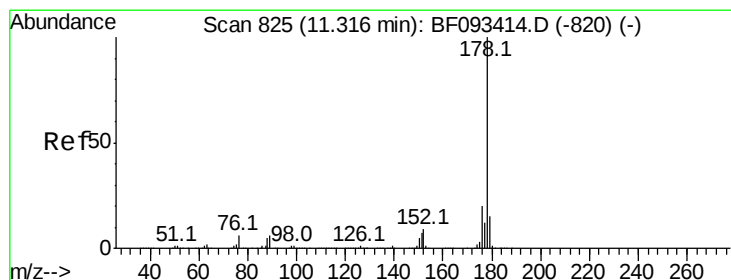
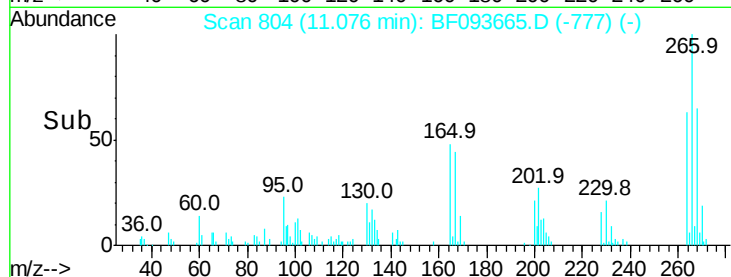
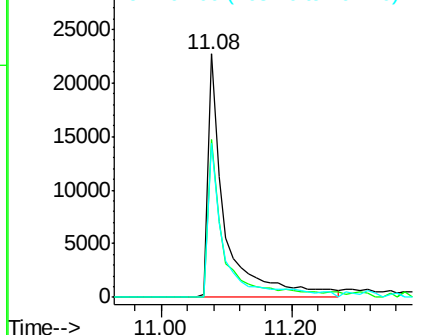
#69
 Pentachlorophenol
 Concen: 20.42 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 41672
 Ion Ratio Lower Upper
 266 100
 268 64.8 53.3 79.9
 264 63.2 50.3 75.5

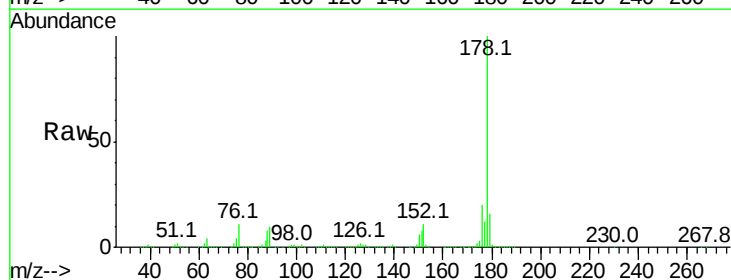


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

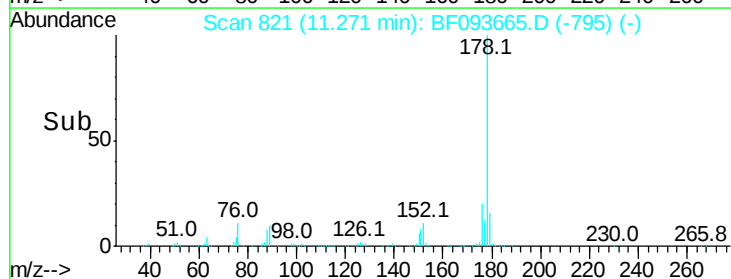
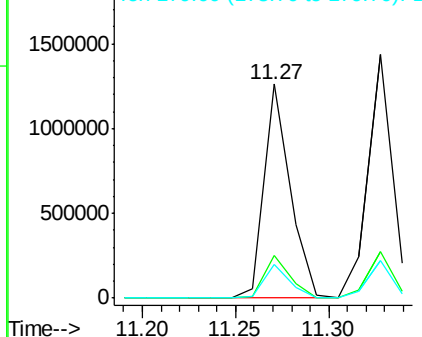


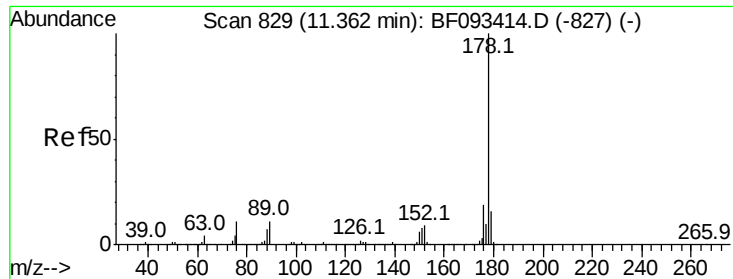
#70
 Phenanthrene
 Concen: 36.53 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

Tgt Ion:178 Resp: 1220435
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.8 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

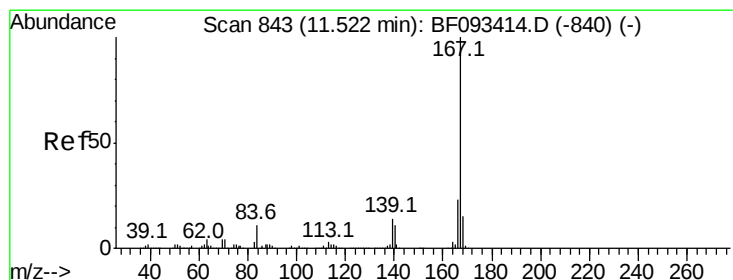
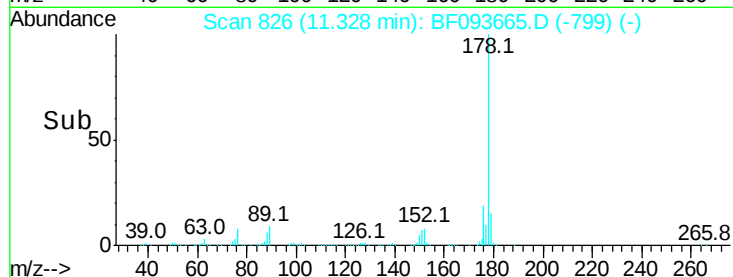
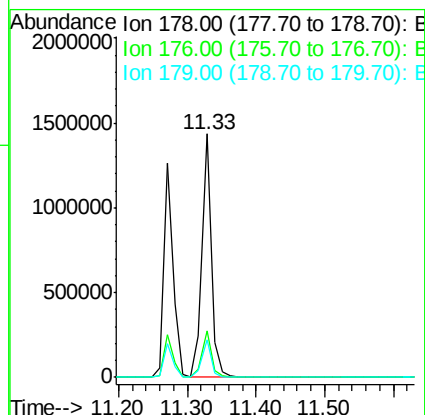
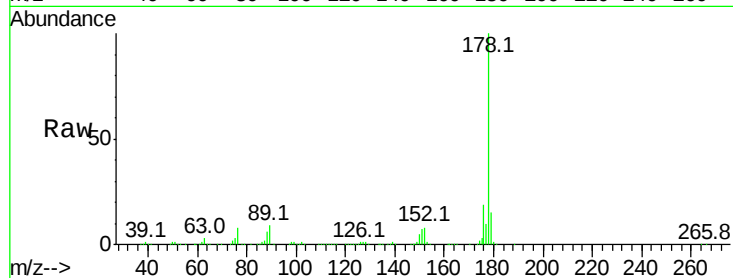




#71
 Anthracene
 Concen: 39.51 ng
 RT: 11.33 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

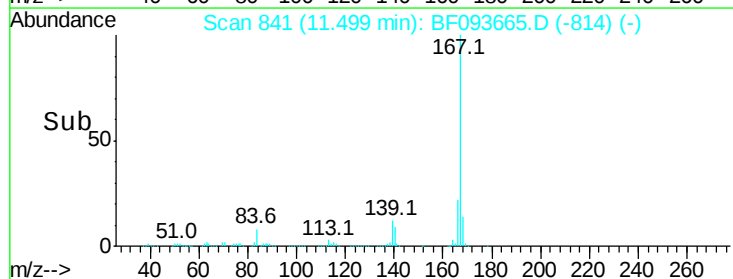
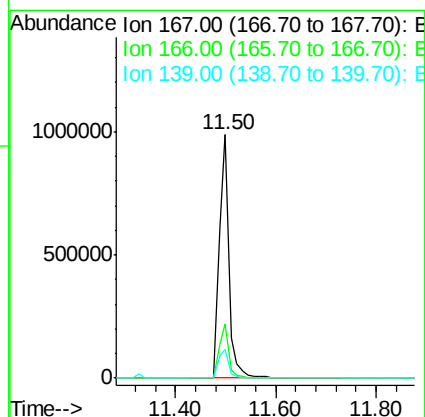
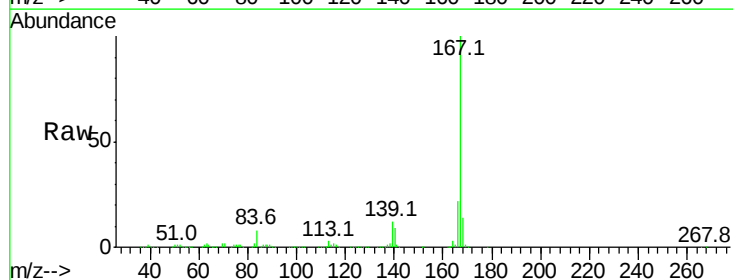
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

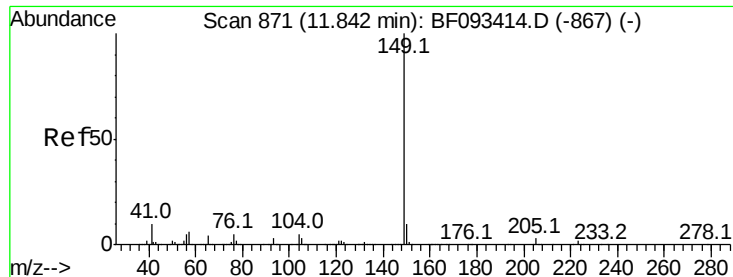
Tot Ion:178 Resp: 1335427
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.3 13.2 19.8



#72
 Carbazole
 Concen: 41.03 ng
 RT: 11.50 min Scan# 841
 Delta R.T. 0.01 min
 Lab File: BF093665.D
 Acq: 15 Mar 2017 14:02

Tgt Ion:167 Resp: 1302608
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 11.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 38.13 ng

RT: 11.81 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

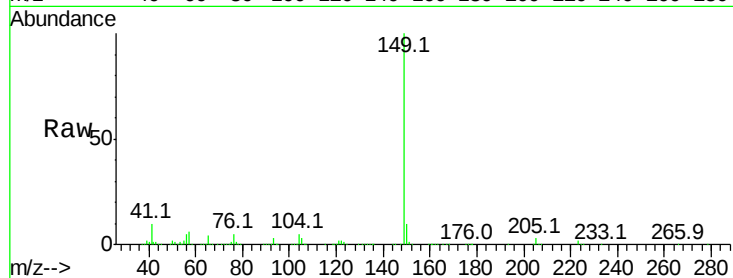
Tot Ion:149 Resp: 1400482

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

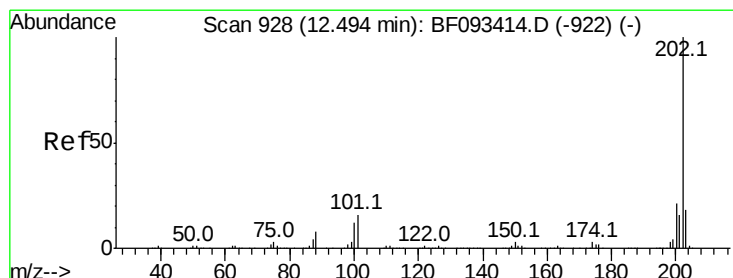
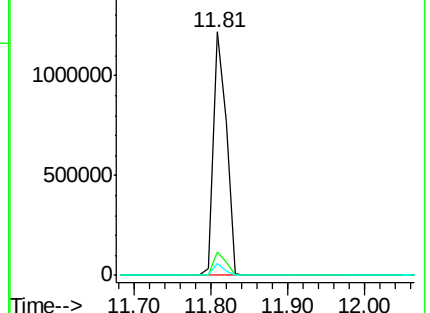
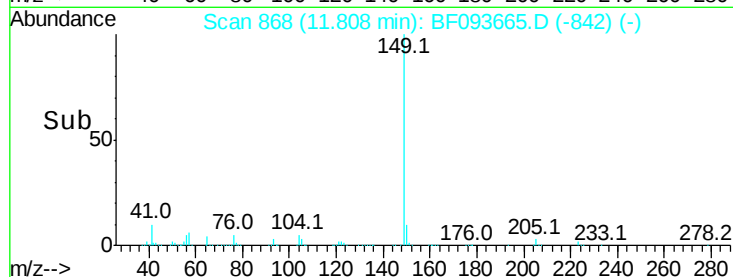
104 4.9 4.6 7.0



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: 40.81 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

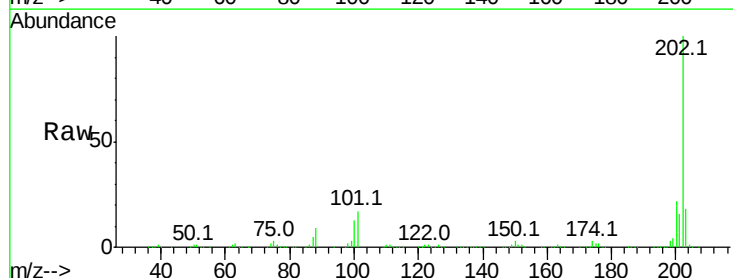
Tgt Ion:202 Resp: 1317219

Ion Ratio Lower Upper

202 100

101 17.2 0.0 34.6

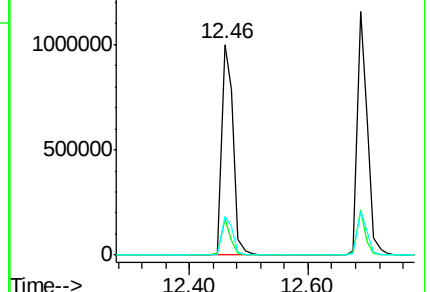
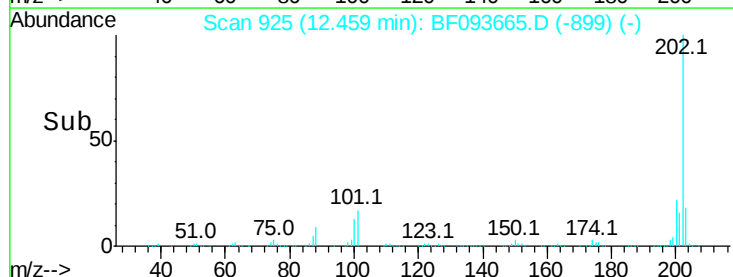
203 18.3 0.0 38.7

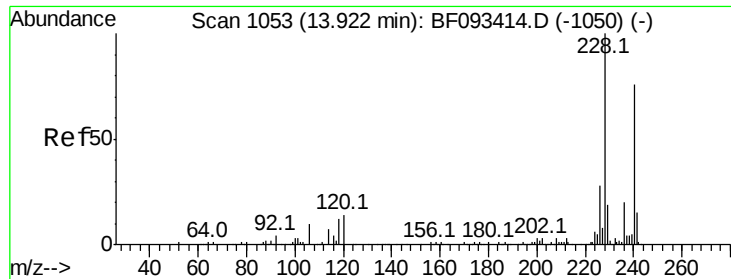


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

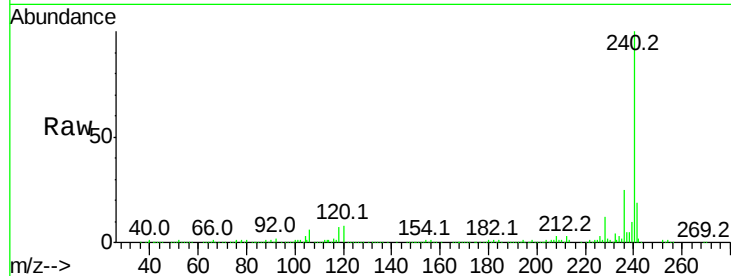
Tot Ion:240 Resp: 468197

Ion Ratio Lower Upper

240 100

120 8.1 12.9 19.3#

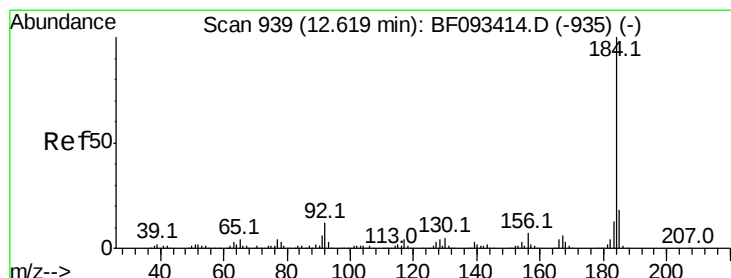
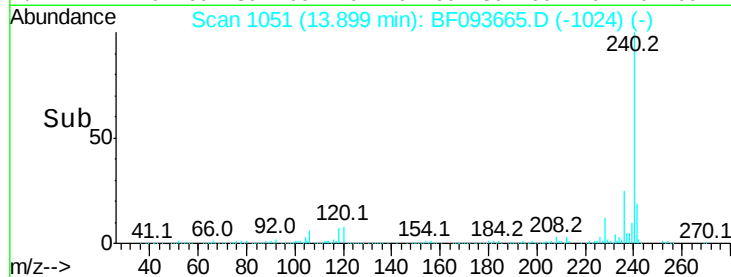
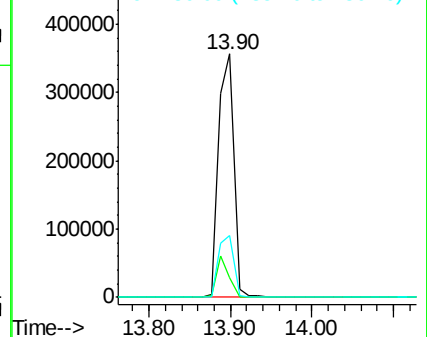
236 25.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.75 ng

RT: 12.63 min Scan# 940

Delta R.T. 0.05 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

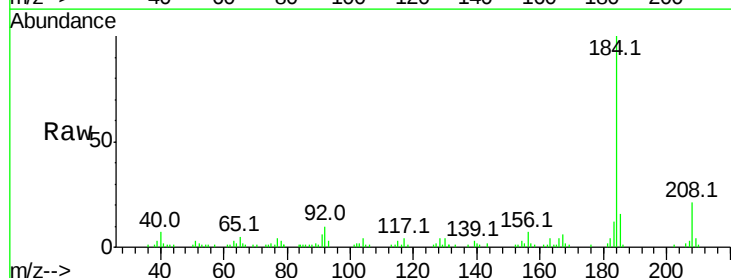
Tgt Ion:184 Resp: 165435

Ion Ratio Lower Upper

184 100

185 16.3 13.4 20.0

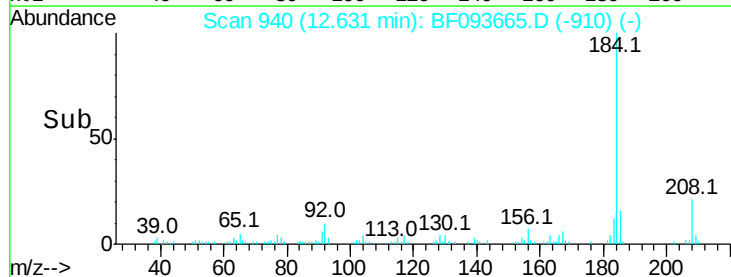
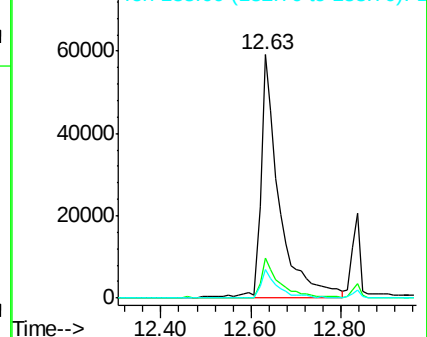
183 11.9 9.2 13.8

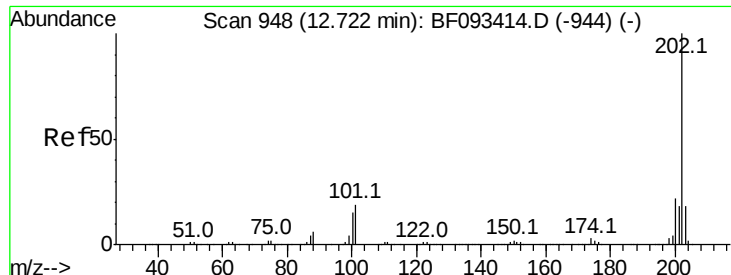


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

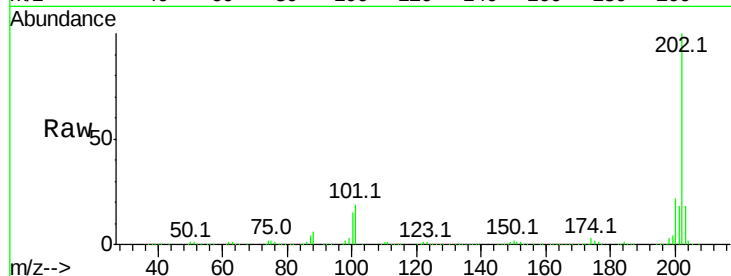




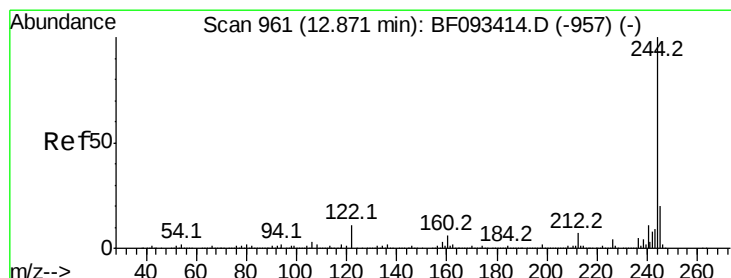
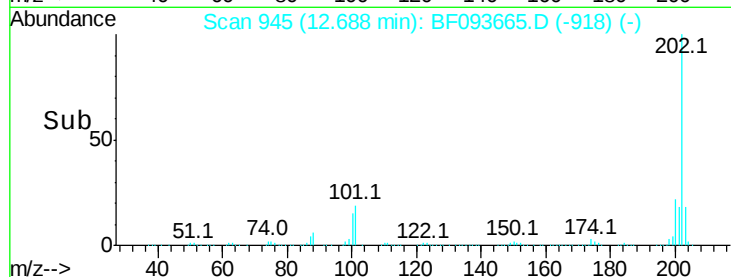
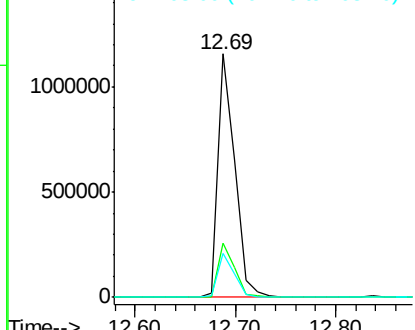
#77
Pvrene
Concen: 39.40 ng
RT: 12.69 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1341680
Ion Ratio Lower Upper
202 100
200 22.4 17.7 26.5
203 18.1 14.7 22.1

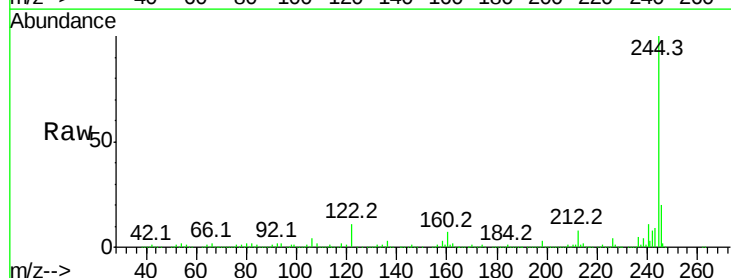


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

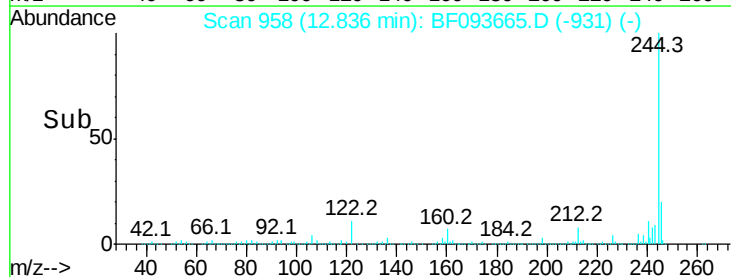
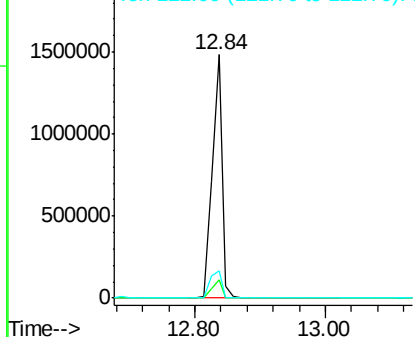


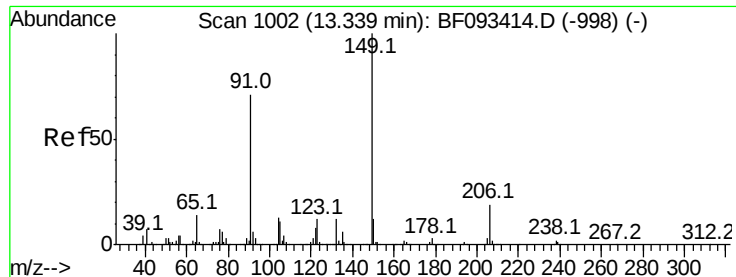
#78
Terphenyl-d14
Concen: 87.82 ng
RT: 12.84 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

Tgt Ion:244 Resp: 1581532
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 11.1 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

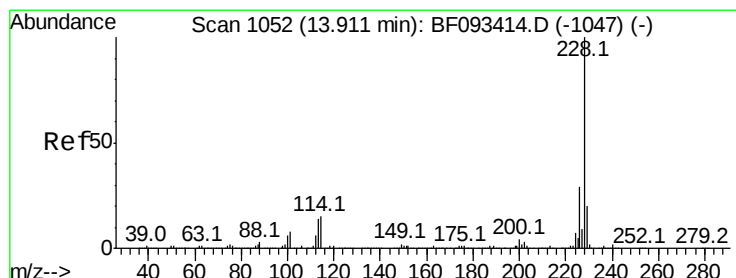
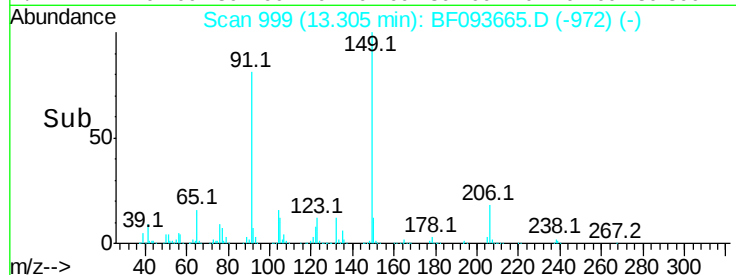
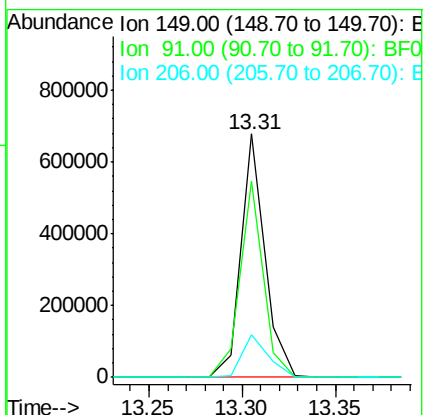
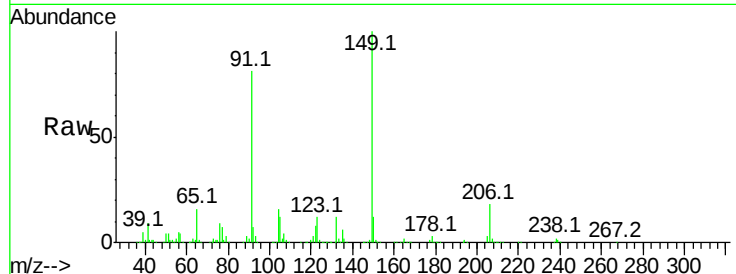




#79
Butylbenzylphthalate
Concen: 42.43 ng
RT: 13.31 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

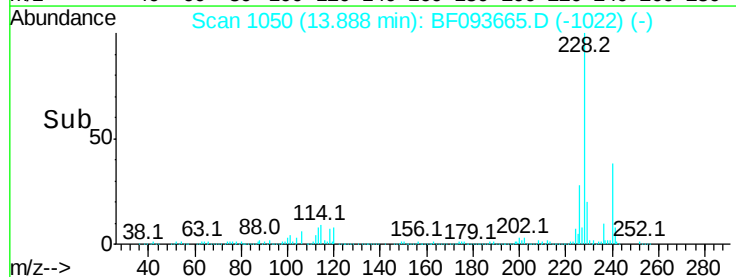
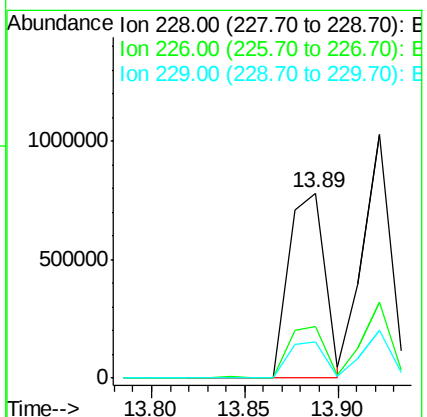
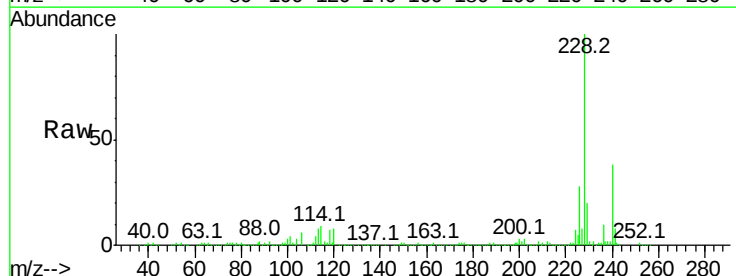
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

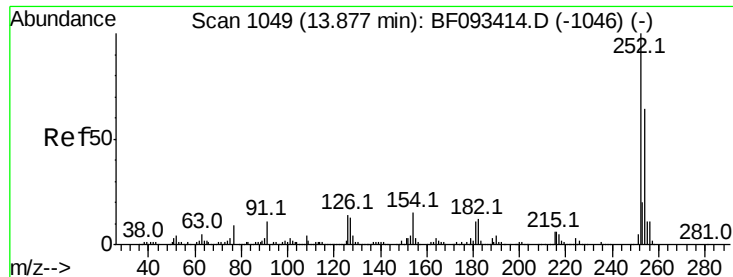
Tot Ion	Ratio	Lower	Upper
149	100		
91	80.8	63.9	95.9
206	17.6	14.6	21.8



#80
Benzo(a)anthracene
Concen: 38.20 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	19.8	16.2	24.4





#81

3,3'-Dichlorobenzidine

Concen: 35.08 ng

RT: 13.84 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

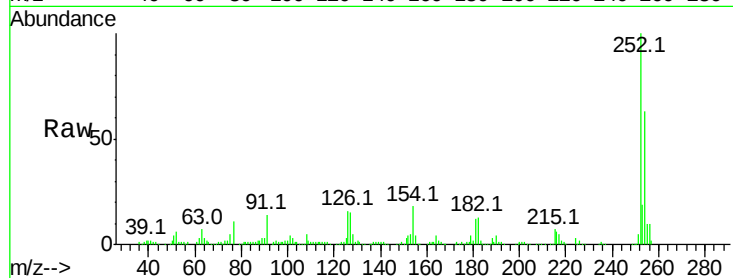
Tot Ion:252 Resp: 339700

Ion Ratio Lower Upper

252 100

254 63.2 52.3 78.5

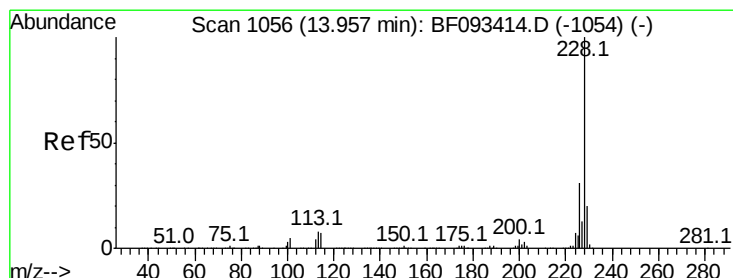
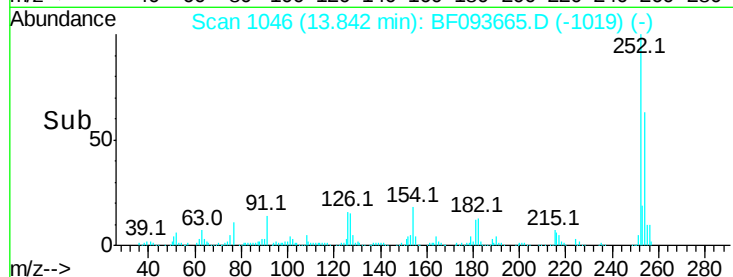
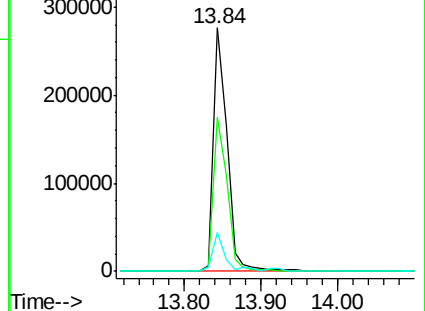
126 16.2 13.6 20.4



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: 42.63 ng

RT: 13.92 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

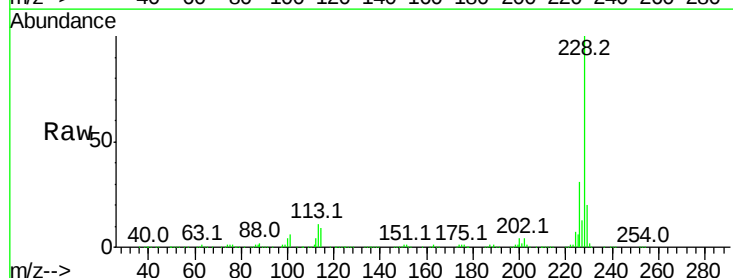
Tgt Ion:228 Resp: 1090529

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.0

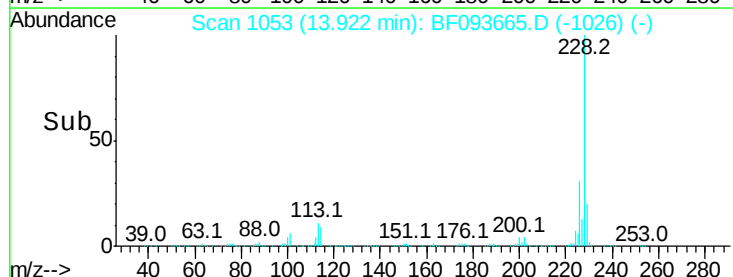
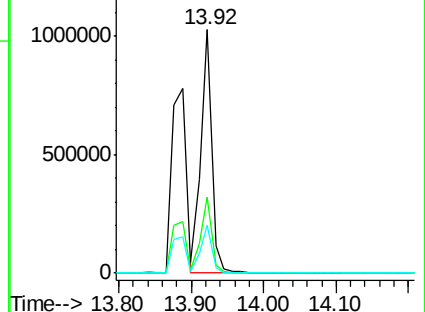
229 19.8 16.2 24.2

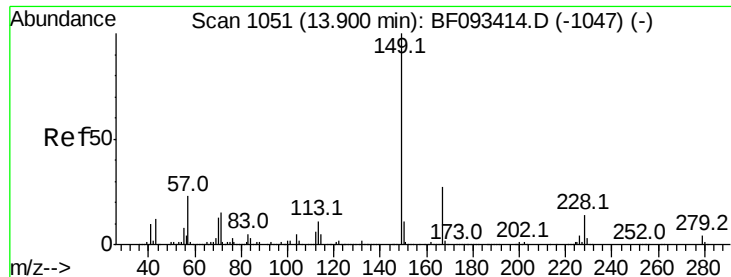


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.42 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

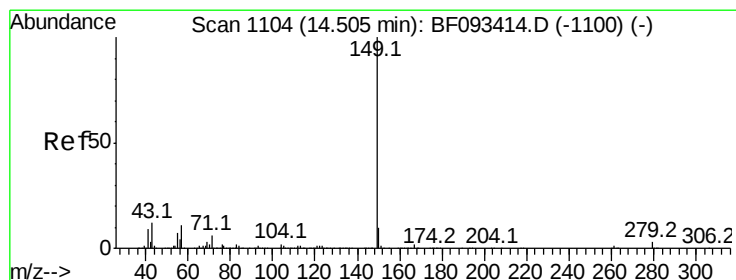
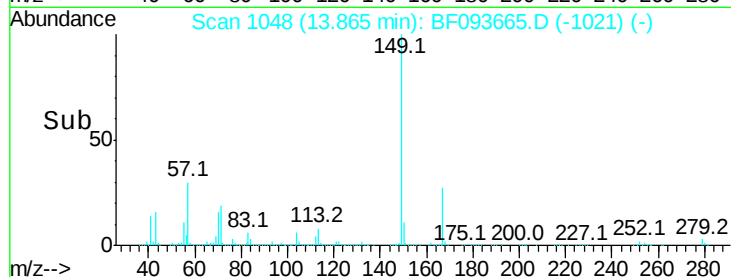
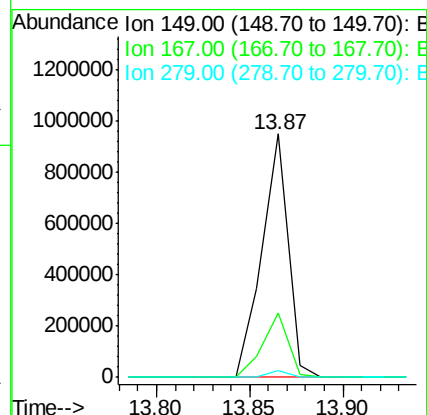
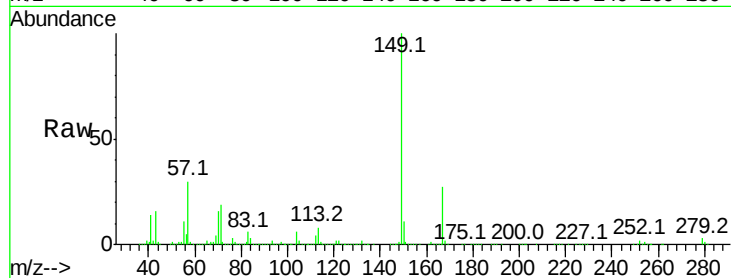
Tot Ion:149 Resp: 927498

Ion Ratio Lower Upper

149 100

167 26.5 20.2 30.4

279 2.8 1.8 2.8#



#84

Di-n-octyl phthalate

Concen: 41.66 ng

RT: 14.47 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

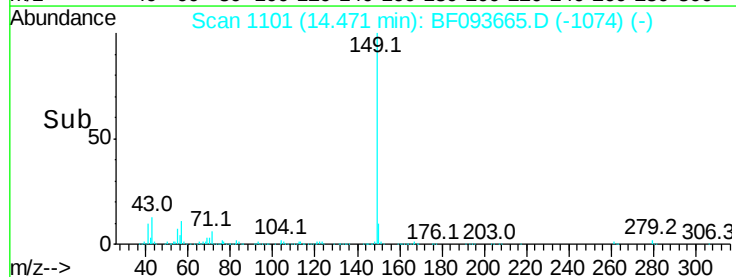
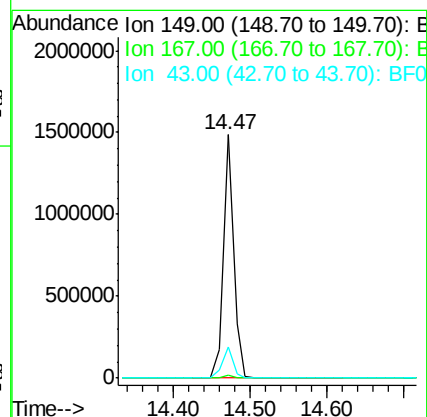
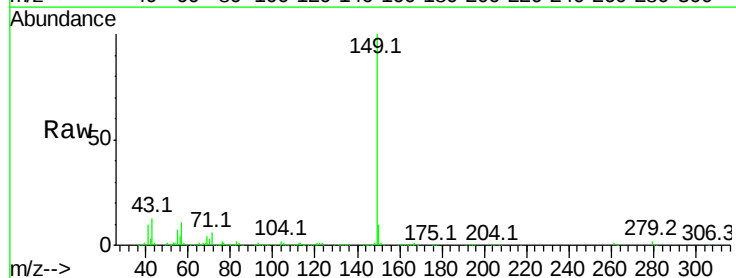
Tgt Ion:149 Resp: 1387248

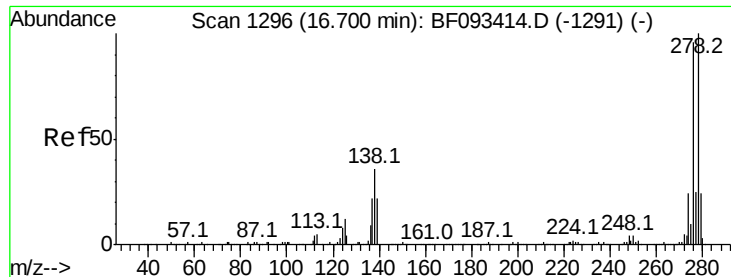
Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

43 13.1 8.9 13.3

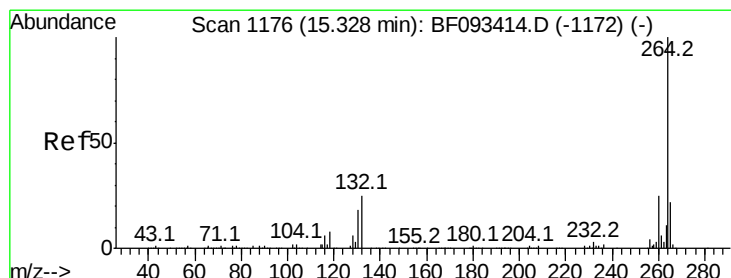
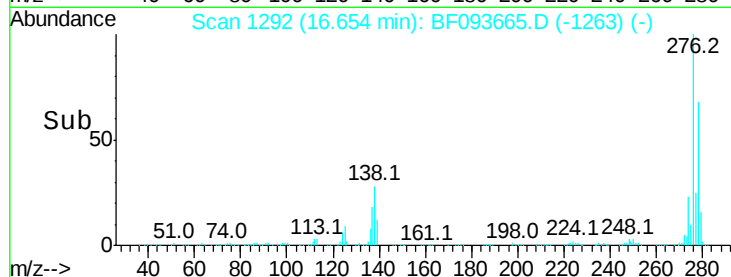
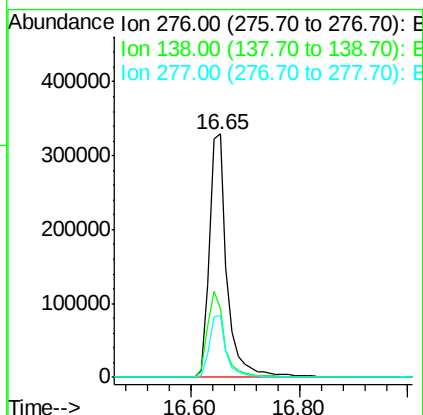
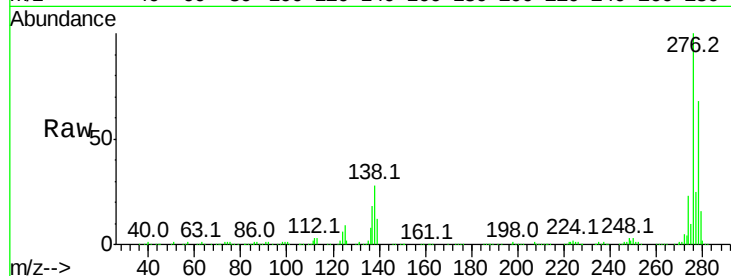




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.22 ng
RT: 16.65 min Scan# 1292
Delta R.T. 0.03 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

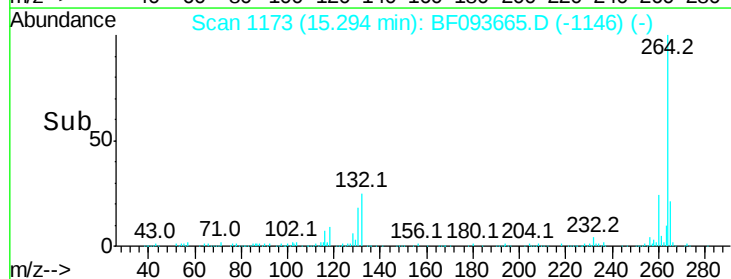
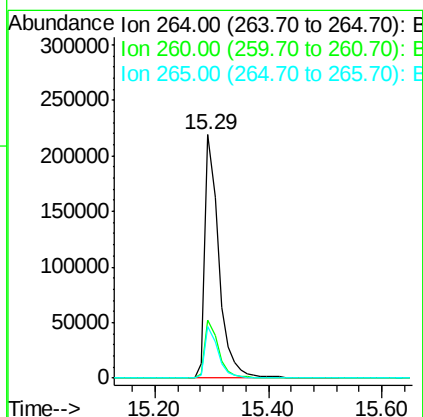
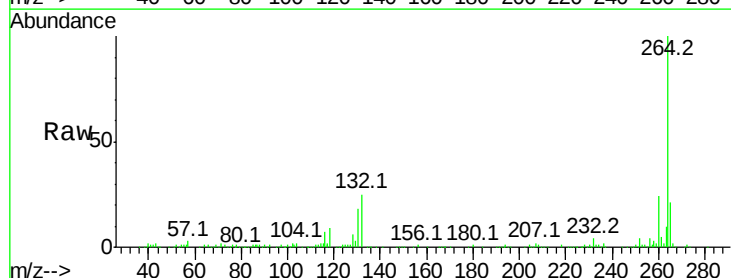
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

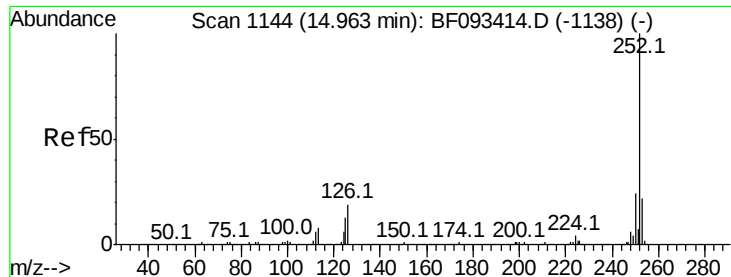
Tot Ion:276 Resp: 754094
Ion Ratio Lower Upper
276 100
138 34.1 21.8 32.6#
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093665.D
Acq: 15 Mar 2017 14:02

Tgt Ion:264 Resp: 359737
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.2 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 42.32 ng m

RT: 14.91 min Scan# 1139

Delta R.T. 0.01 min

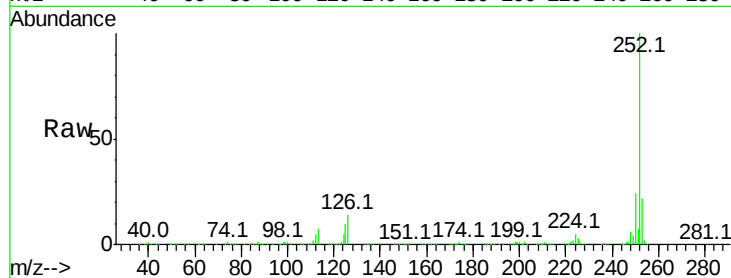
Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 927285

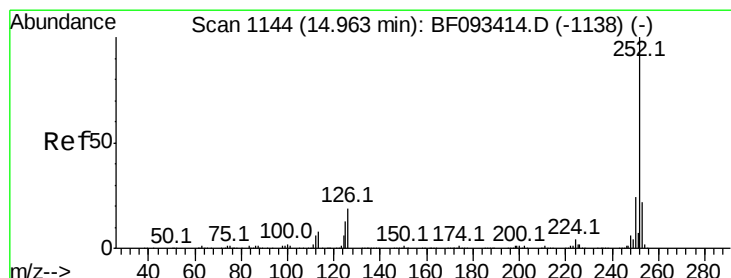
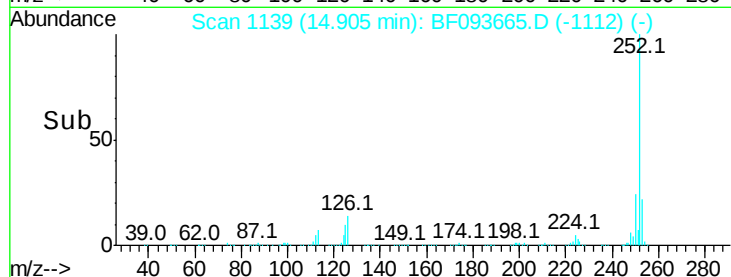
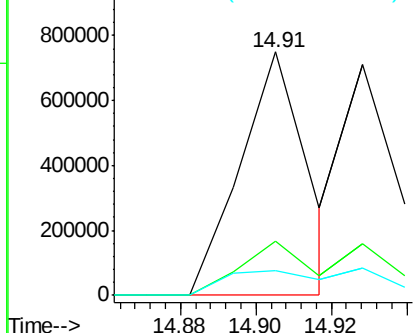
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.0	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.01 ng m

RT: 14.93 min Scan# 1141

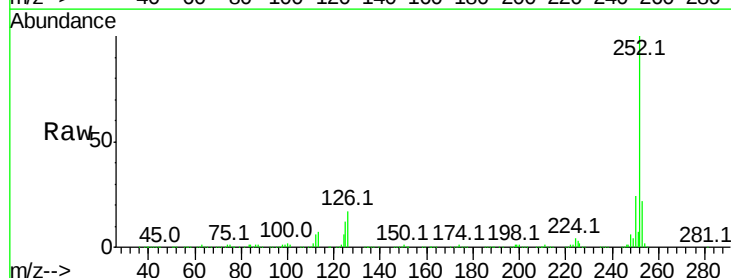
Delta R.T. 0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Tgt Ion:252 Resp: 781906

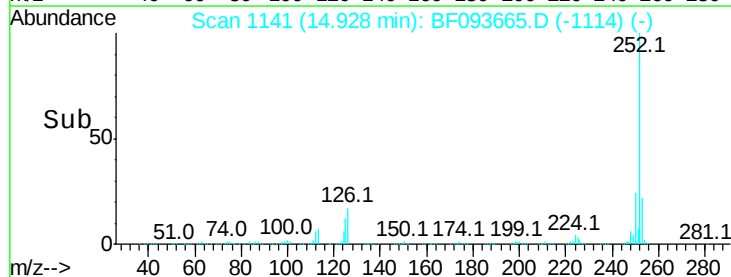
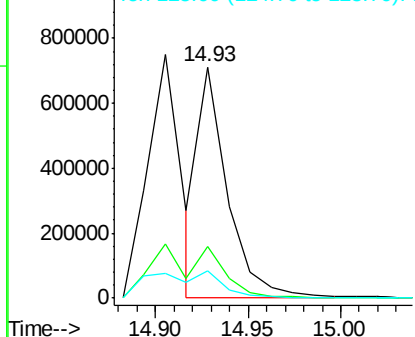
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	11.9	8.9	13.3

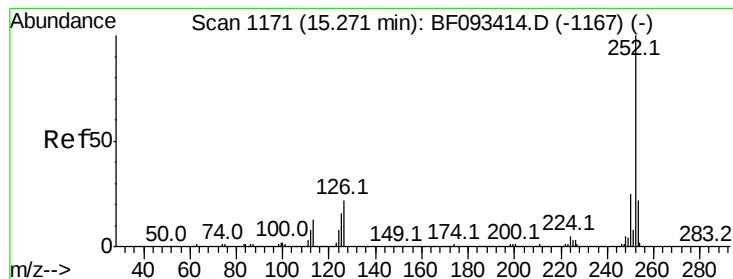


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.18 ng

RT: 15.24 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

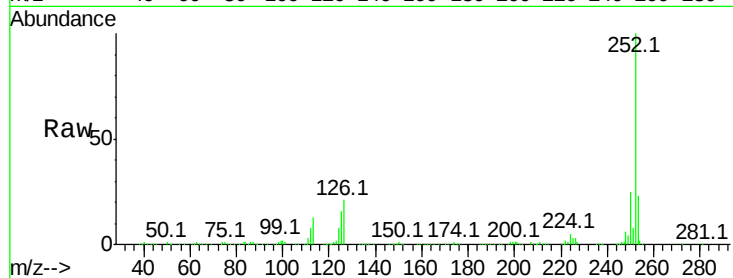
Tot Ion:252 Resp: 784542

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

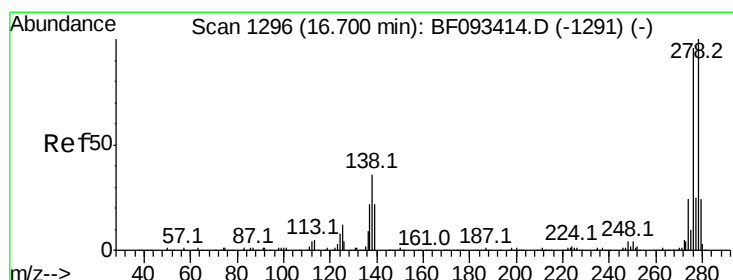
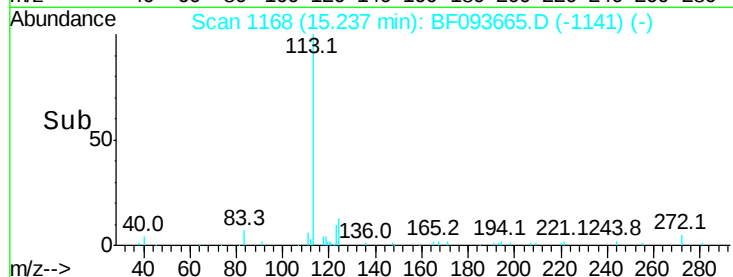
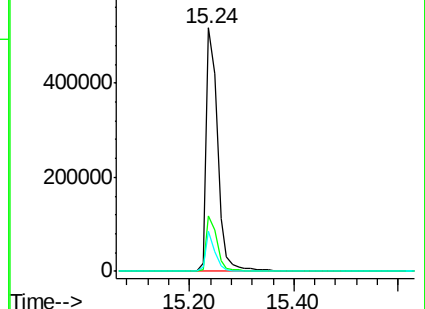
125 16.3 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.52 ng

RT: 16.64 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

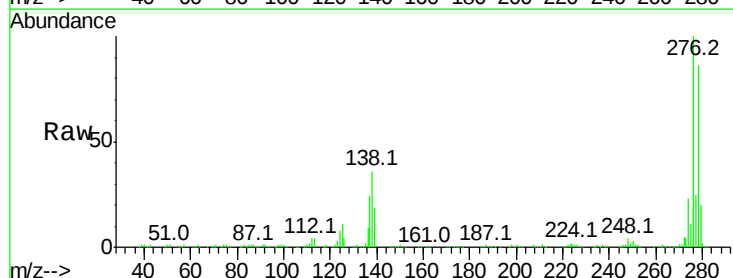
Tgt Ion:278 Resp: 638160

Ion Ratio Lower Upper

278 100

139 22.1 14.8 22.2

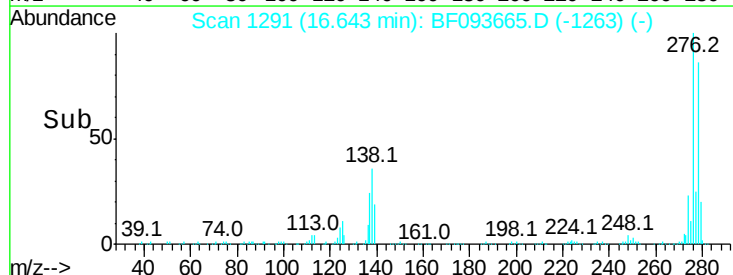
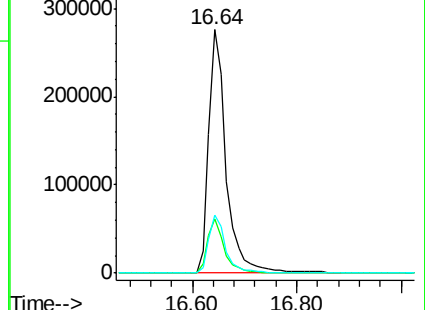
279 23.6 19.8 29.6

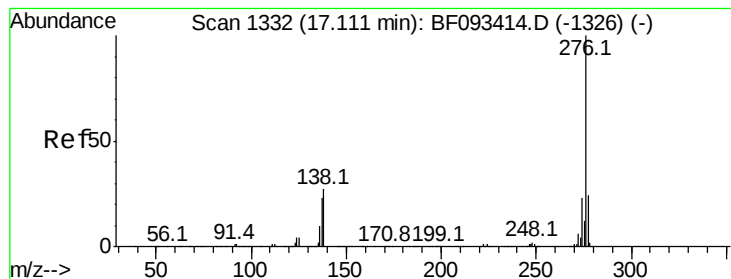


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.02 ng

RT: 17.05 min Scan# 1327

Delta R.T. 0.03 min

Lab File: BF093665.D

Acq: 15 Mar 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

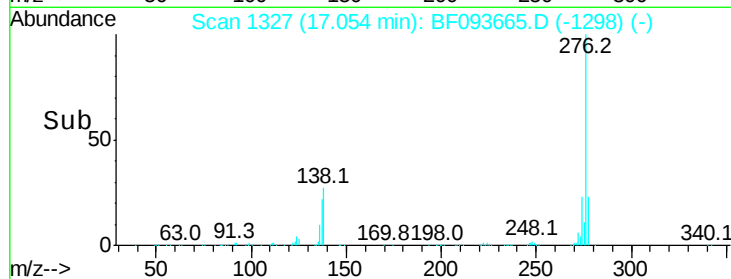
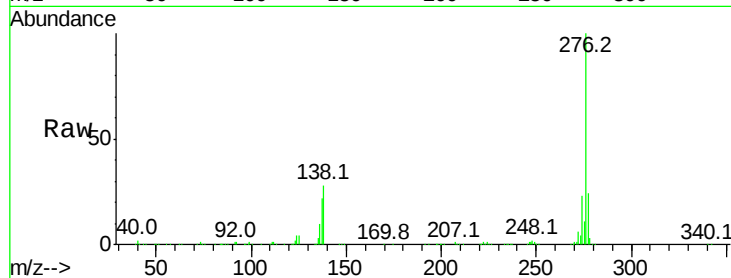
Tot Ion:276 Resp: 663340

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 27.6 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

