

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093482.D
 Acq On : 9 Mar 2017 18:22
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 09 23:50:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	189885	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	752877	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	363549	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	653040	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	545500	20.00	ng	0.00
86) Perylene-d12	15.32	264	497253	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	972500	85.24	ng	-0.01
7) Phenol-d6	6.41	99	1199274	83.36	ng	0.00
23) Nitrobenzene-d5	7.33	82	1104121	81.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	212073	89.54	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1594756	81.59	ng	-0.02
78) Terphenyl-d14	12.86	244	1735718	82.73	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	267642	42.59	ng	# 82
3) Pyridine	2.95	79	681349	42.53	ng	89
4) n-Nitrosodimethylamine	2.92	42	315033	41.17	ng	81
6) Aniline	6.41	93	768667	38.93	ng	# 62
8) 2-Chlorophenol	6.54	128	502363	39.30	ng	91
9) Benzaldehyde	6.30	77	377652	45.44	ng	83
10) Phenol	6.42	94	726693	41.22	ng	93
11) bis(2-Chloroethyl)ether	6.49	93	544073	38.18	ng	93
12) 1,3-Dichlorobenzene	6.93	146	518094	35.41	ng	96
13) 1,4-Dichlorobenzene	6.77	146	583313	38.94	ng	99
14) 1,2-Dichlorobenzene	6.93	146	528670	39.85	ng	96
15) Benzyl Alcohol	6.92	79	408066	39.79	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	944262	39.89	ng	76
17) 2-Methylphenol	7.03	107	426747	39.47	ng	# 89
18) Hexachloroethane	7.26	117	203362	40.25	ng	92
19) n-Nitroso-di-n-propylamine	7.18	70	376999	38.11	ng	93
20) 3+4-Methylphenols	7.19	107	590922	42.14	ng	# 76
22) Acetophenone	7.18	105	738497	40.76	ng	# 96
24) Nitrobenzene	7.35	77	657323	43.10	ng	97
25) Isophorone	7.59	82	1121148	40.97	ng	97
26) 2-Nitrophenol	7.67	139	279613	40.19	ng	# 85
27) 2,4-Dimethylphenol	7.72	122	484150	42.77	ng	94
28) bis(2-Chloroethoxy)methane	7.80	93	656897	38.03	ng	99
29) 2,4-Dichlorophenol	7.91	162	426311	40.04	ng	# 83
30) 1,2,4-Trichlorobenzene	7.99	180	446730	39.45	ng	100
31) Naphthalene	8.06	128	1445063	38.30	ng	99
32) Benzoic acid	7.86	122	287315	48.85	ng	97
33) 4-Chloroaniline	8.13	127	618718	40.41	ng	97
34) Hexachlorobutadiene	8.17	225	229681	39.38	ng	100
35) Caprolactam	8.50	113	141178	38.82	ng	# 17
36) 4-Chloro-3-methylphenol	8.62	107	478602	42.11	ng	97
37) 2-Methylnaphthalene	8.76	142	972344	40.51	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	415650	41.87	ng	99
40) Hexachlorocyclopentadiene	8.90	237	81993	39.87	ng	99

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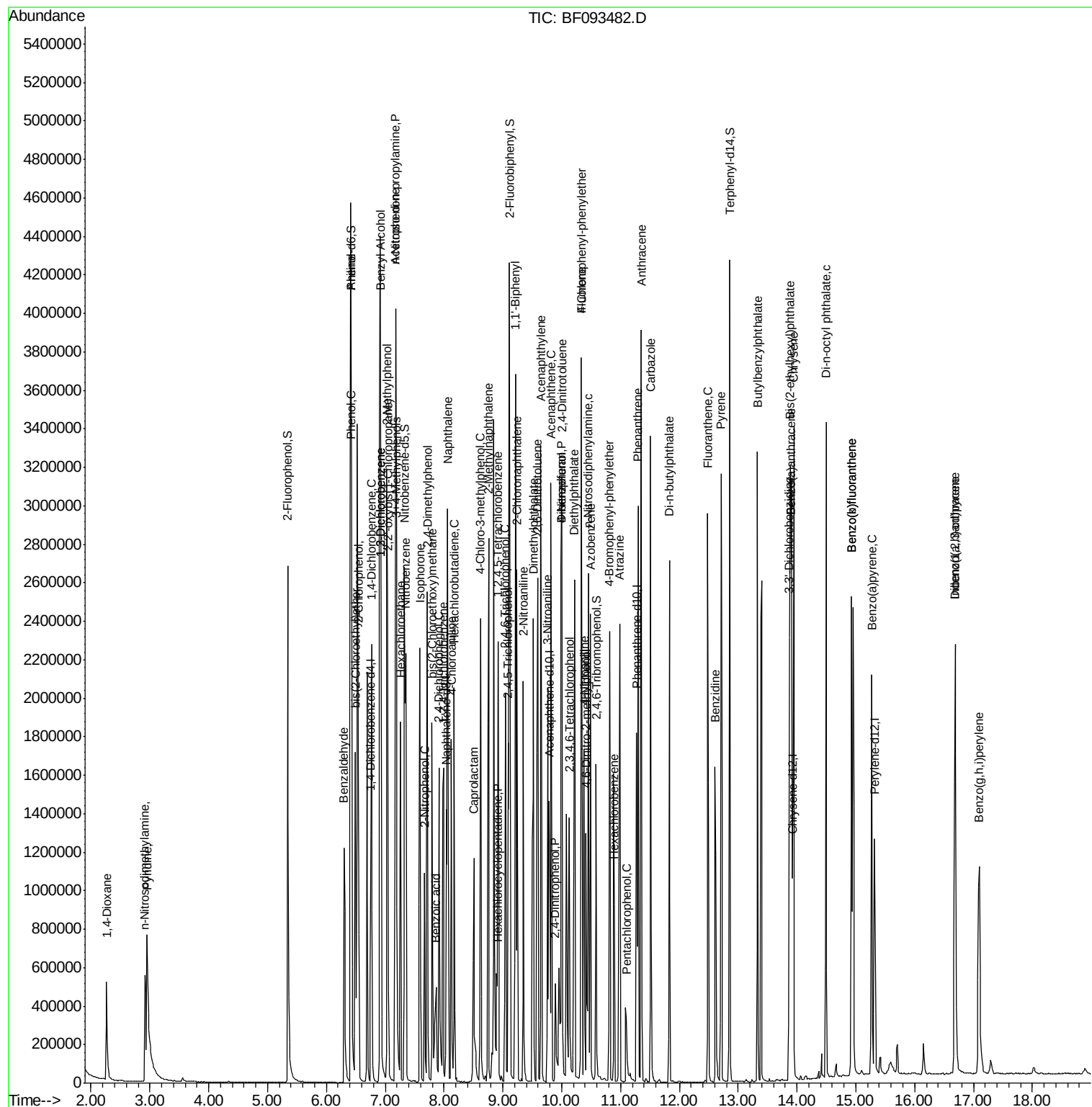
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	267475	43.12	nq	95
43) 2,4,5-Trichlorophenol	9.09	196	303806	45.65	nq	95
45) 1,1'-Biphenyl	9.21	154	1097629	41.45	nq	97
46) 2-Chloronaphthalene	9.24	162	880982	43.46	nq	94
47) 2-Nitroaniline	9.35	65	365072	50.94	nq	99
48) Acenaphthylene	9.65	152	1411722	42.22	nq	99
49) Dimethylphthalate	9.52	163	1053036	43.69	nq	99
50) 2,6-Dinitrotoluene	9.59	165	219568	41.52	nq	# 59
51) Acenaphthene	9.82	154	800460	40.49	nq	96
52) 3-Nitroaniline	9.76	138	276604	43.53	nq	97
53) 2,4-Dinitrophenol	9.89	184	122549	50.88	nq	# 68
54) Dibenzofuran	9.99	168	1087214	43.94	nq	99
55) 4-Nitrophenol	9.99	139	547526	177.42	nq	# 9
56) 2,4-Dinitrotoluene	10.00	165	302899	46.62	nq	96
57) Fluorene	10.33	166	921937	43.97	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	217467	46.30	nq	95
59) Diethylphthalate	10.22	149	1070719	46.48	nq	97
60) 4-Chlorophenyl-phenylether	10.33	204	443346	47.17	nq	# 74
61) 4-Nitroaniline	10.38	138	279834	43.06	nq	95
62) Azobenzene	10.49	77	1255051	47.95	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	170119	40.21	nq	# 29
65) n-Nitrosodiphenylamine	10.45	169	815686	37.41	nq	98
66) 4-Bromophenyl-phenylether	10.81	248	246661	35.72	nq	91
67) Hexachlorobenzene	10.89	284	250629	38.01	nq	# 88
68) Atrazine	10.98	200	285490	44.73	nq	98
69) Pentachlorophenol	11.10	266	80255	35.25	nq	98
70) Phenanthrene	11.29	178	1427722	38.30	nq	99
71) Anthracene	11.35	178	1449110	38.43	nq	99
72) Carbazole	11.51	167	1356213	38.29	nq	100
73) Di-n-butylphthalate	11.83	149	1514085	36.95	nq	98
74) Fluoranthene	12.48	202	1429553	39.70	nq	97
76) Benzidine	12.61	184	824172	45.94	nq	100
77) Pyrene	12.71	202	1464275	36.91	nq	99
79) Butylbenzylphthalate	13.33	149	693734	41.54	nq	97
80) Benzo(a)anthracene	13.90	228	1289477	40.03	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	446326	39.56	nq	98
82) Chrysene	13.95	228	1300555	43.64	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	981028	42.14	nq	# 96
84) Di-n-octyl phthalate	14.49	149	1542580	39.76	nq	96
85) Indeno(1,2,3-cd)pyrene	16.69	276	1007545	40.38	nq	# 94
87) Benzo(b)fluoranthene	14.93	252	2276016	75.15	nq	99
88) Benzo(k)fluoranthene	14.93	252	2276016	77.93	nq	99
89) Benzo(a)pyrene	15.27	252	1096557	39.62	nq	97
90) Dibenzo(a,h)anthracene	16.69	278	852765	37.24	nq	# 95
91) Benzo(g,h,i)perylene	17.10	276	862940	36.72	nq	# 92

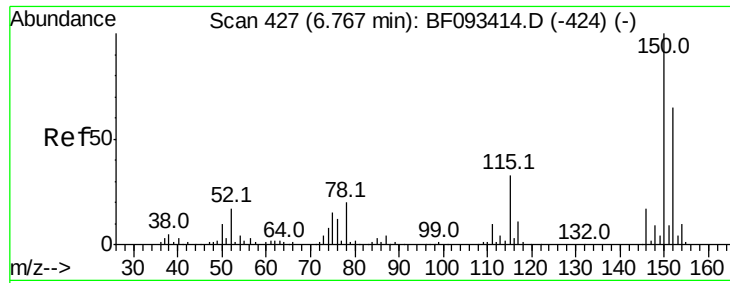
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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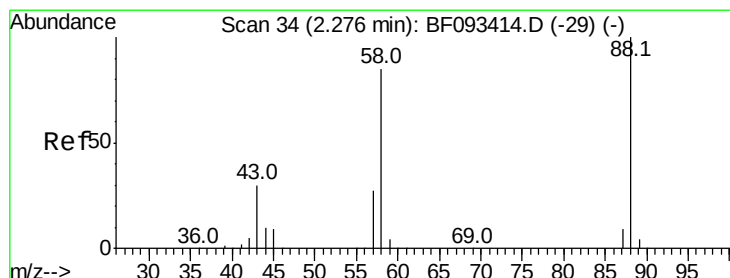
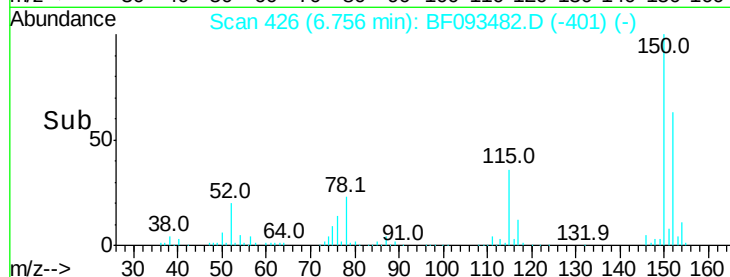
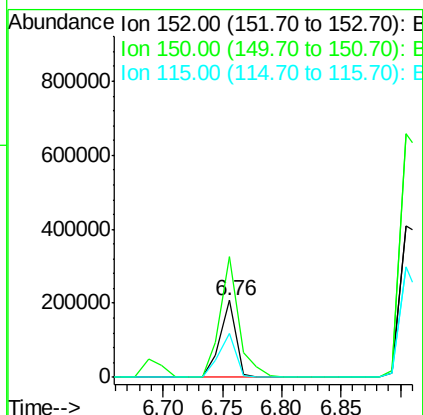
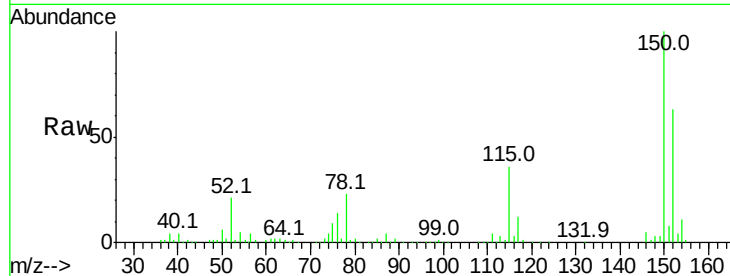


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

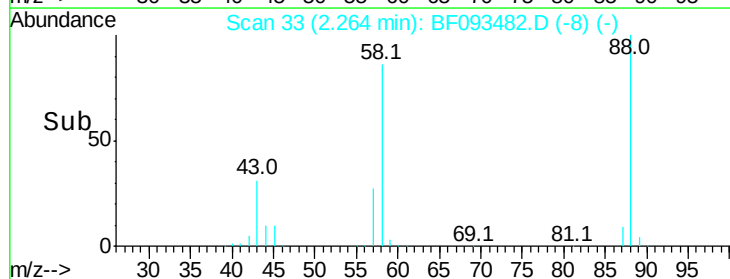
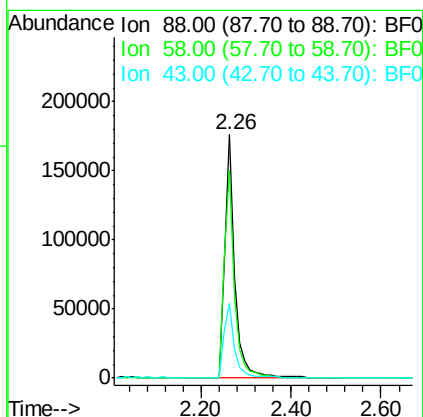
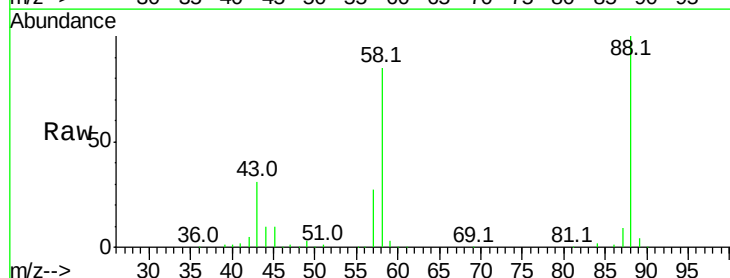
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.9	187.3
115	56.9	46.0	69.0

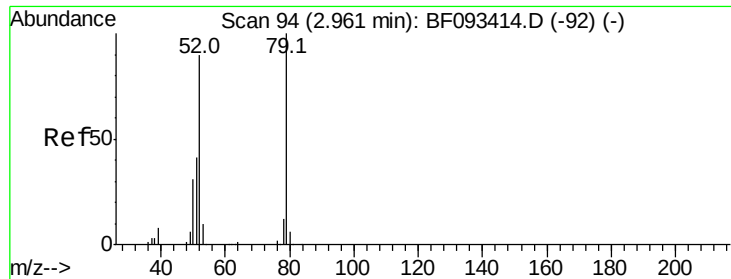


#2

1,4-Dioxane
Concen: 42.59 ng
RT: 2.26 min Scan# 33
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.1	57.8	86.8#
43	34.4	22.3	33.5#





#3

Pvridine

Concen: 42.53 ng

RT: 2.95 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

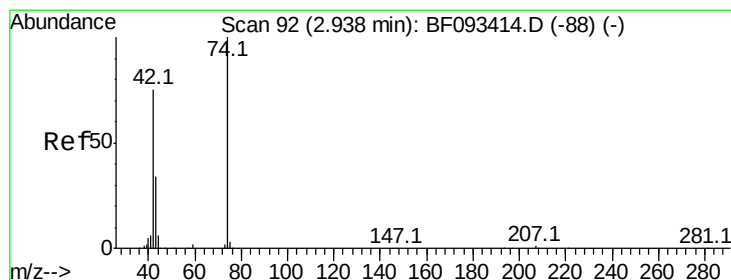
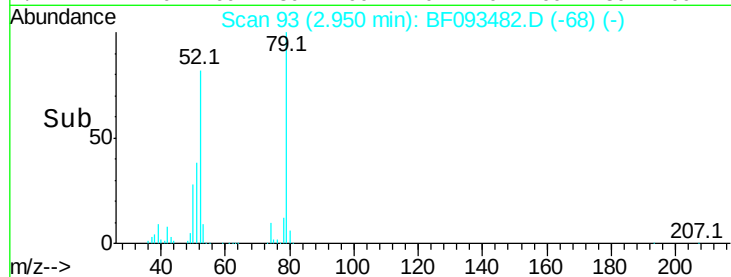
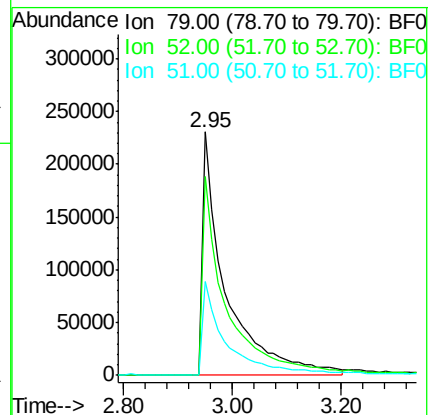
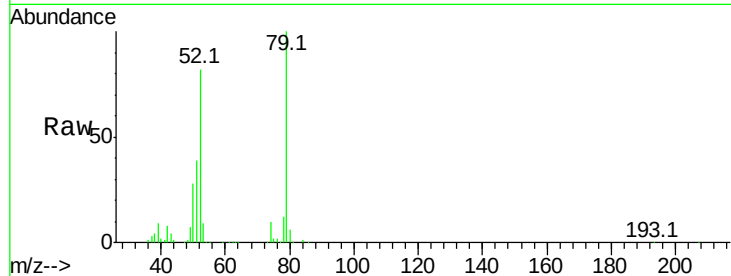
Tot Ion: 79 Resp: 681349

Ion Ratio Lower Upper

79 100

52 81.8 57.1 85.7

51 38.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 41.17 ng

RT: 2.92 min Scan# 90

Delta R.T. -0.02 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

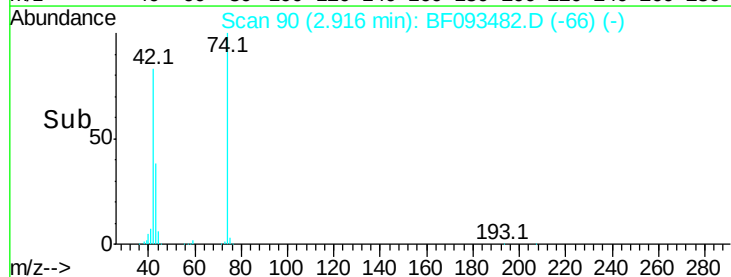
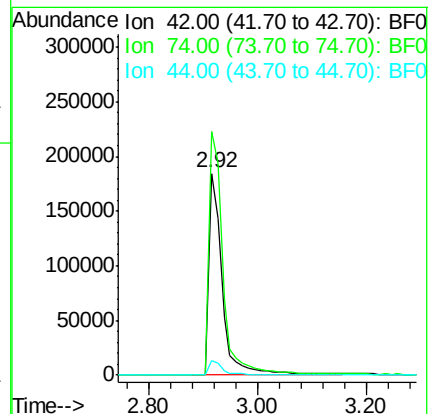
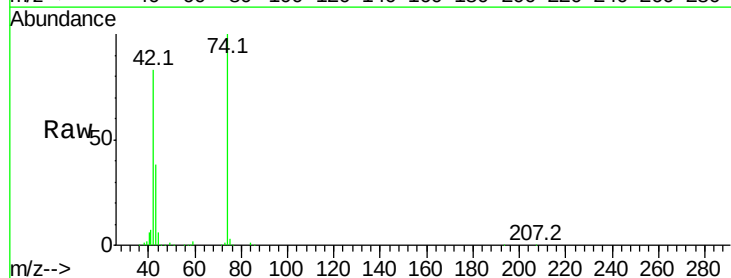
Tgt Ion: 42 Resp: 315033

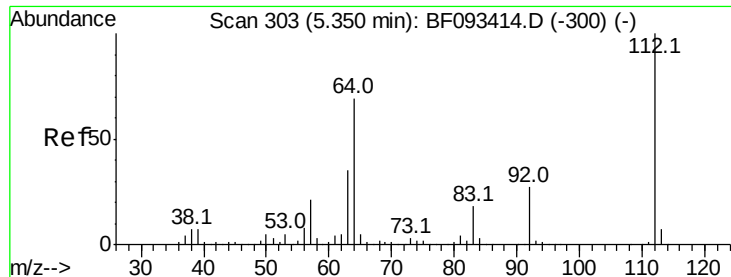
Ion Ratio Lower Upper

42 100

74 120.8 117.0 175.4

44 7.1 5.5 8.3

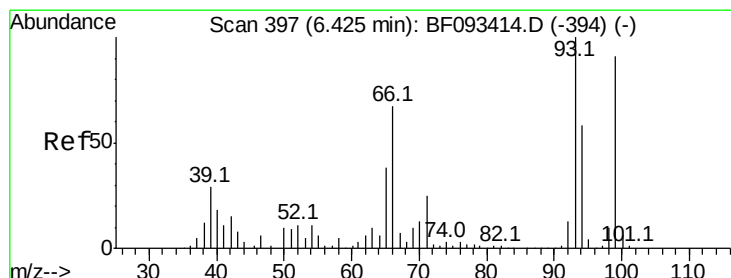
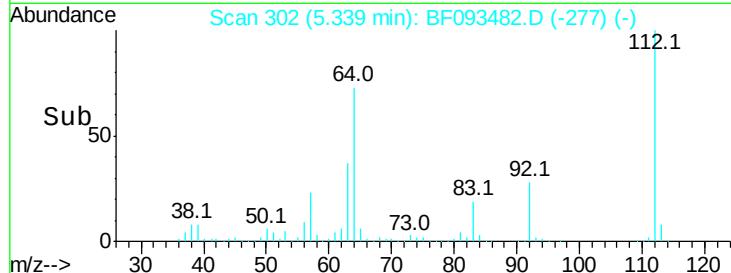
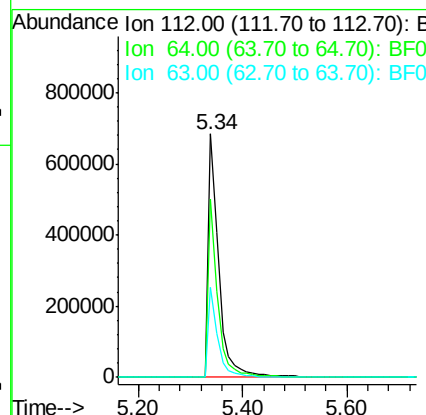
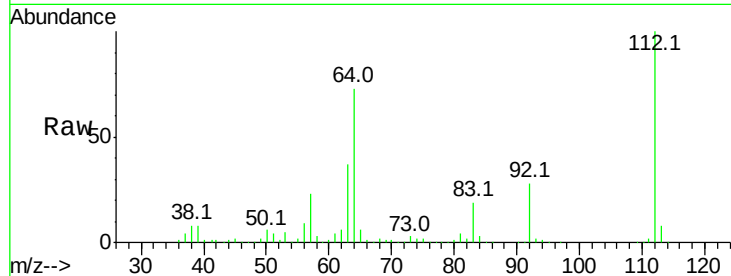




#5
 2-Fluorophenol
 Concen: 85.24 ng
 RT: 5.34 min Scan# 302
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

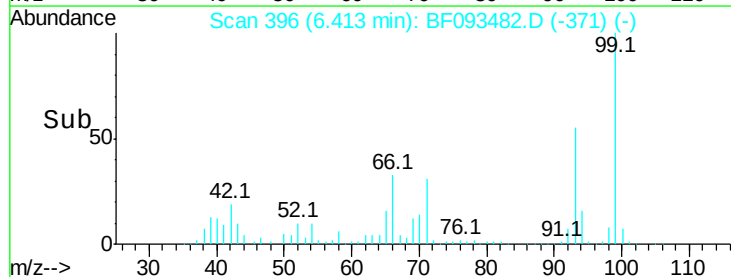
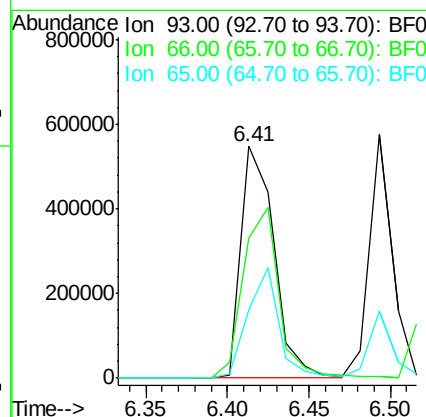
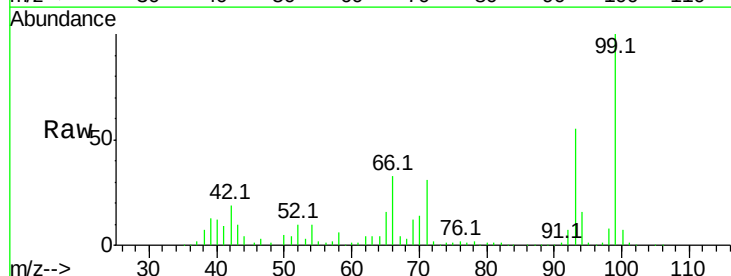
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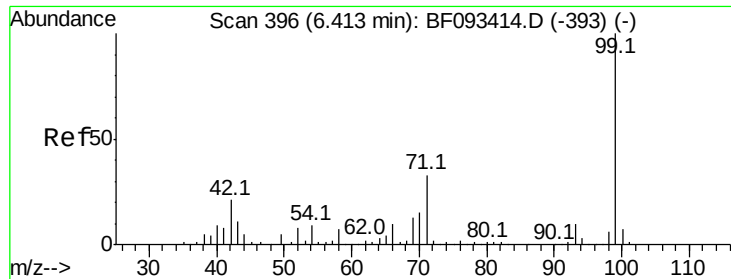
Tot Ion:112 Resp: 972500
 Ion Ratio Lower Upper
 112 100
 64 73.5 46.1 69.1#
 63 37.0 23.8 35.6#



#6
 Aniline
 Concen: 38.93 ng
 RT: 6.41 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

Tgt Ion: 93 Resp: 768667
 Ion Ratio Lower Upper
 93 100
 66 60.5 76.2 114.2#
 65 29.2 49.3 73.9#





#7

Phenol-d6

Concen: 83.36 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

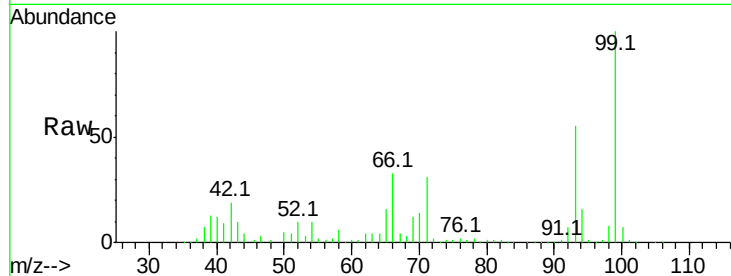
Tot Ion: 99 Resp: 1199274

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

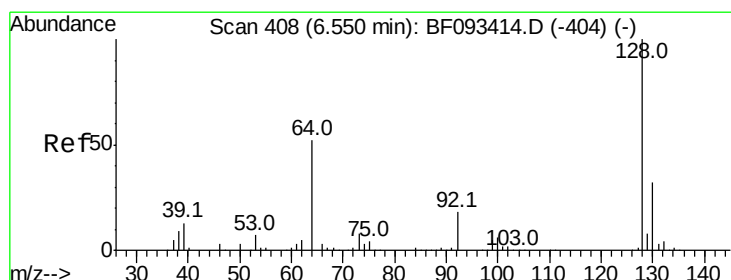
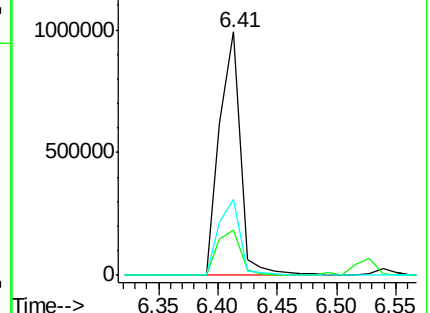
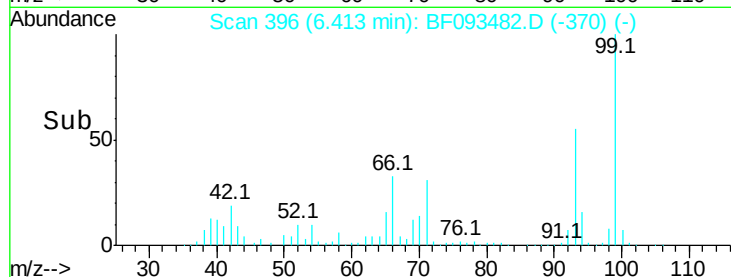
71 31.0 27.5 41.3



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: 39.30 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

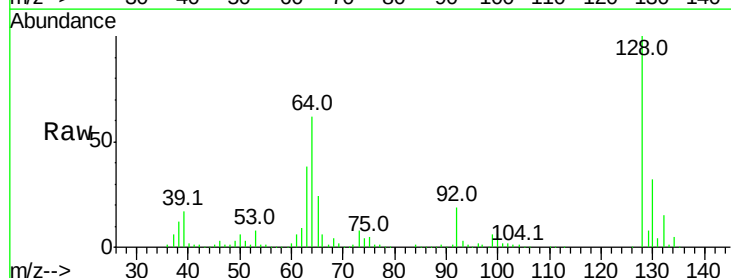
Tgt Ion:128 Resp: 502363

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

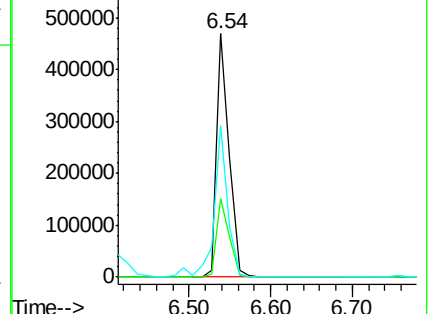
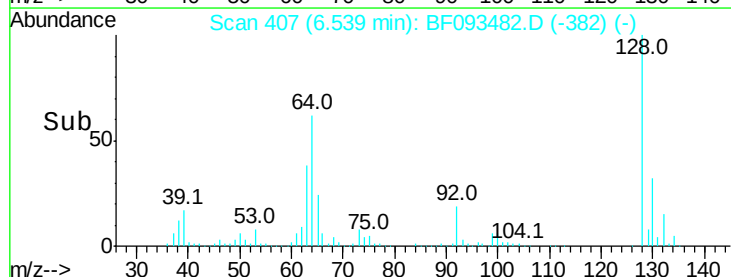
64 62.4 32.2 72.2

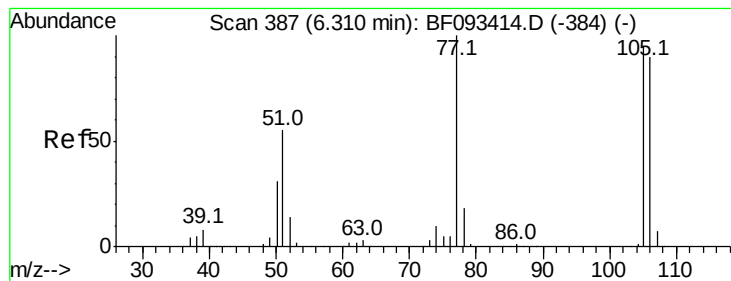


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 45.44 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

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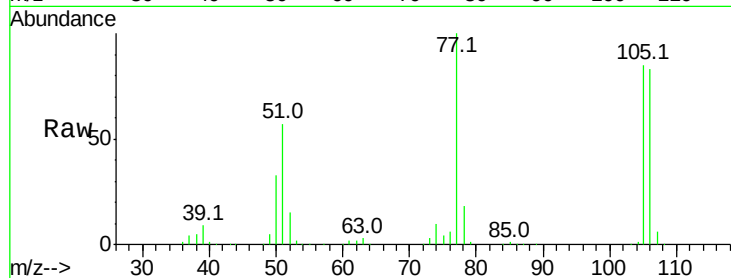
Tot Ion: 77 Resp: 377652

Ion Ratio Lower Upper

77 100

105 85.4 83.9 123.9

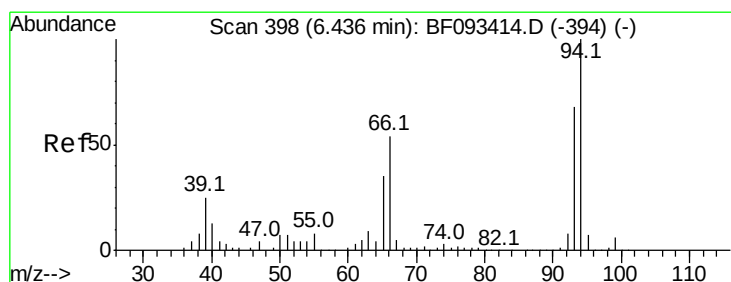
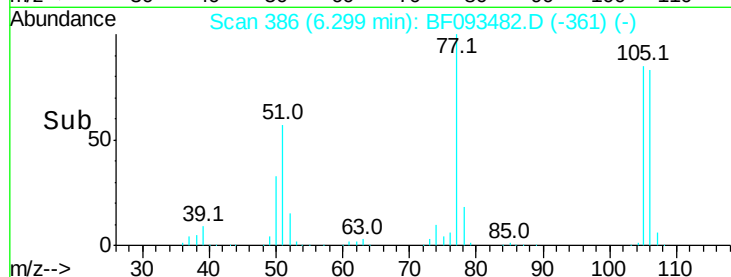
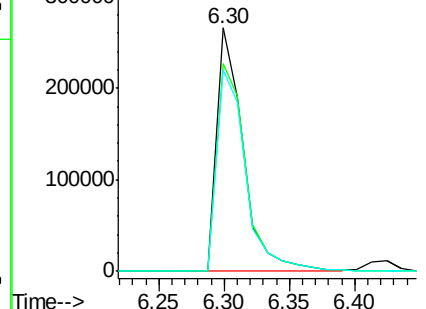
106 82.8 77.6 117.6



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: 41.22 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

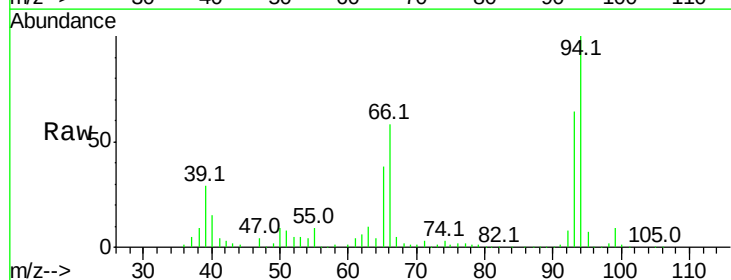
Tgt Ion: 94 Resp: 726693

Ion Ratio Lower Upper

94 100

65 38.0 21.4 61.4

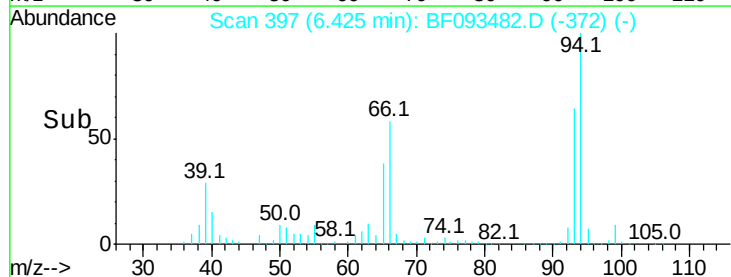
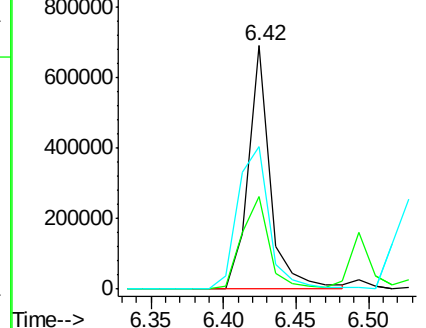
66 58.3 44.0 84.0

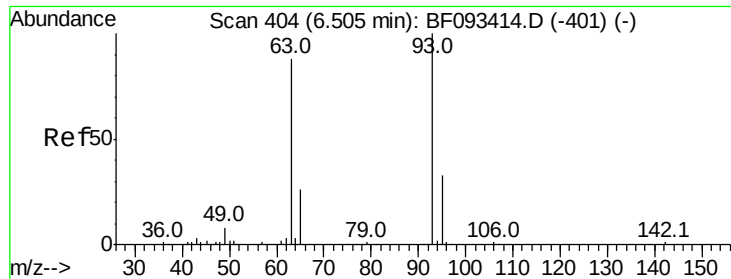


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.18 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

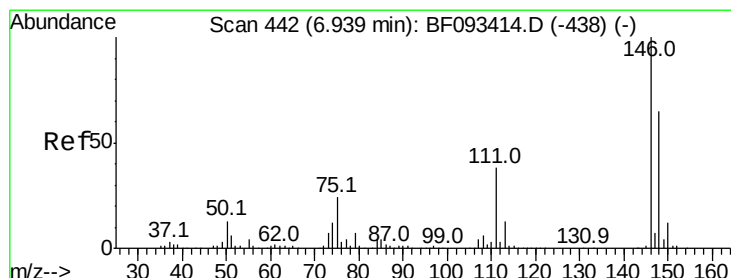
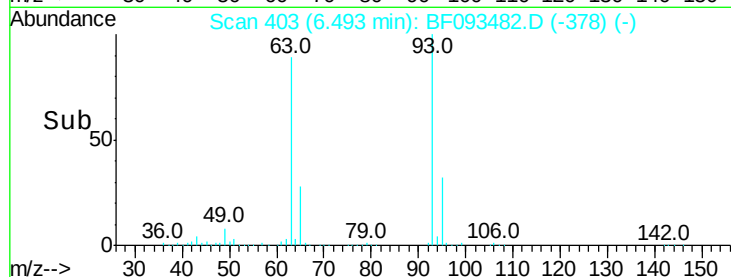
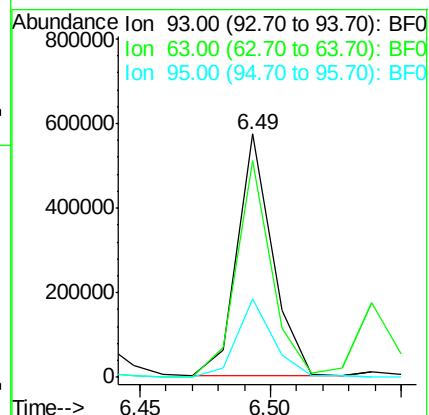
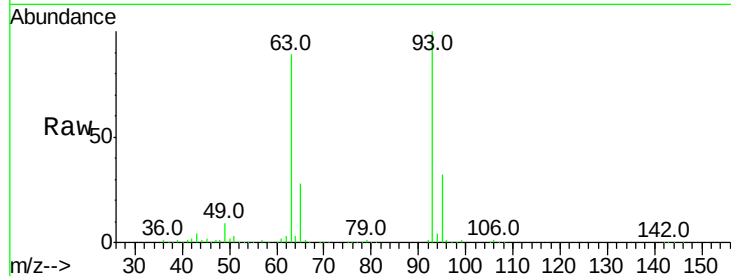
Tot Ion: 93 Resp: 544073

Ion Ratio Lower Upper

93 100

63 88.9 60.4 100.4

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 35.41 ng

RT: 6.93 min Scan# 441

Delta R.T. 0.23 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

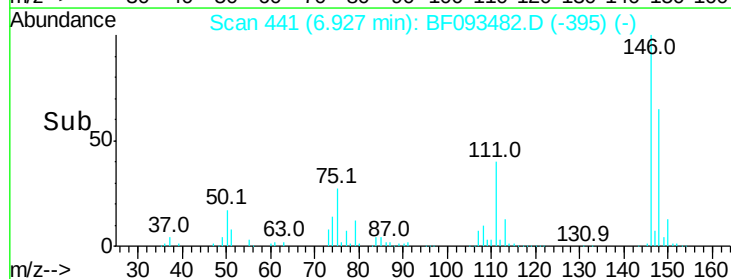
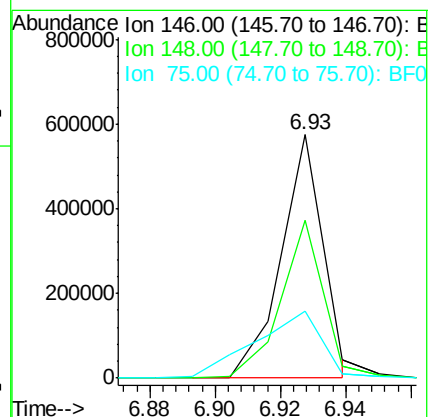
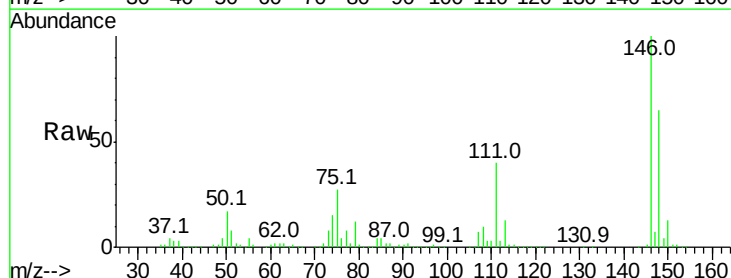
Tgt Ion: 146 Resp: 518094

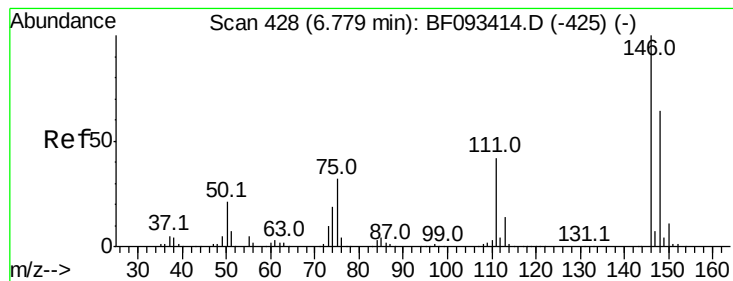
Ion Ratio Lower Upper

146 100

148 64.7 53.4 80.0

75 27.3 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 38.94 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

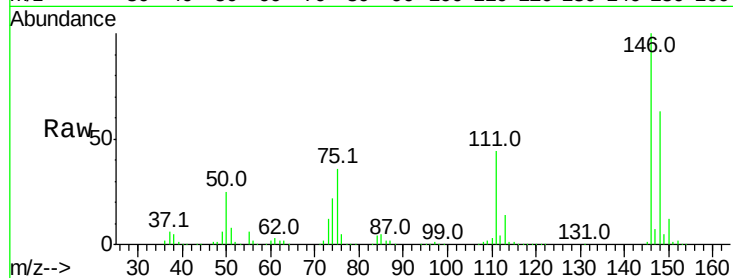
Tot Ion:146 Resp: 583313

Ion Ratio Lower Upper

146 100

148 63.2 50.6 76.0

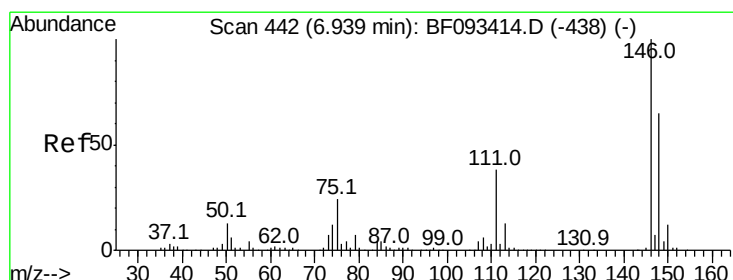
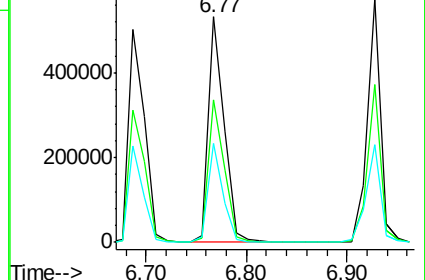
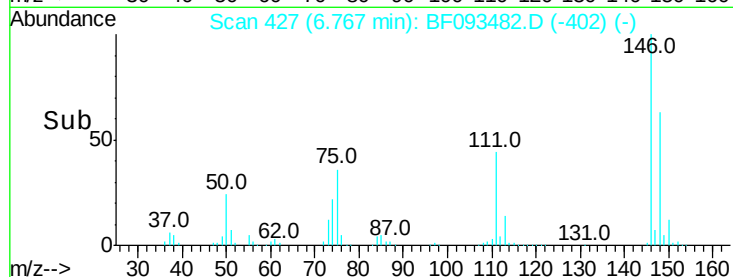
111 44.1 36.2 54.4



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: 39.85 ng

RT: 6.93 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

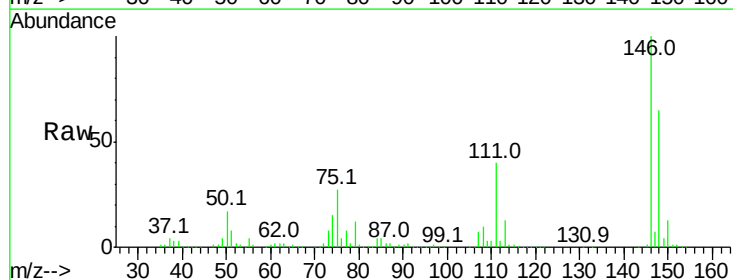
Tgt Ion:146 Resp: 528670

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

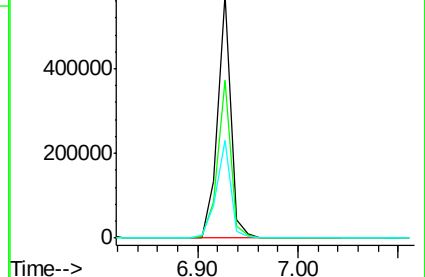
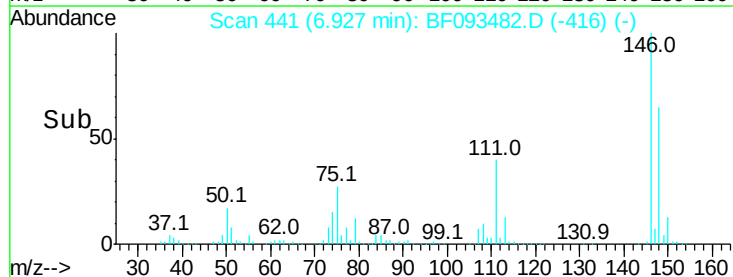
111 40.1 36.2 54.2

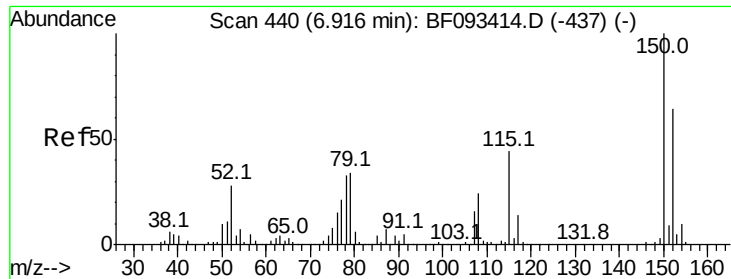


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

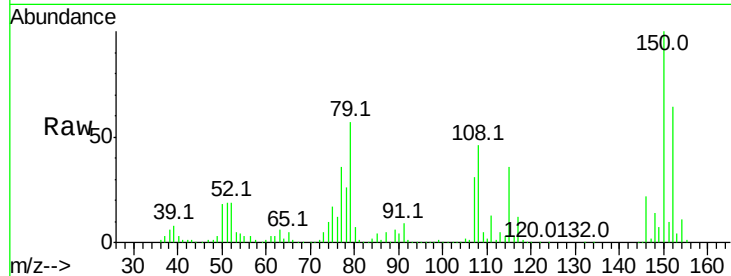




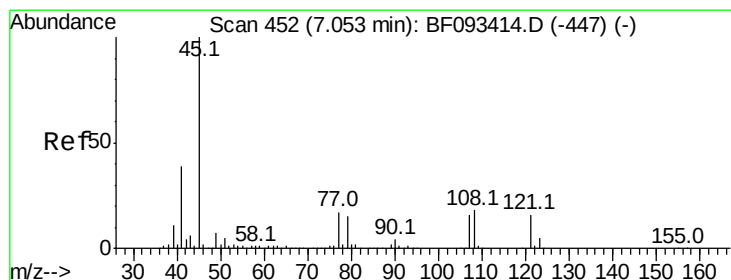
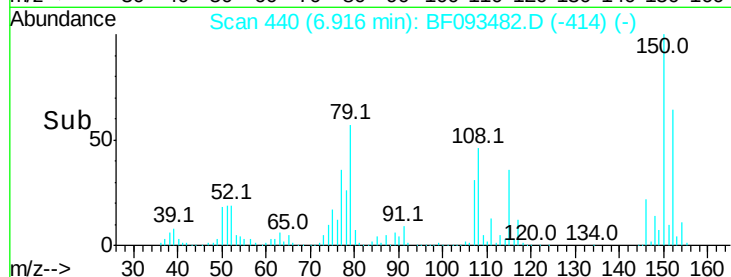
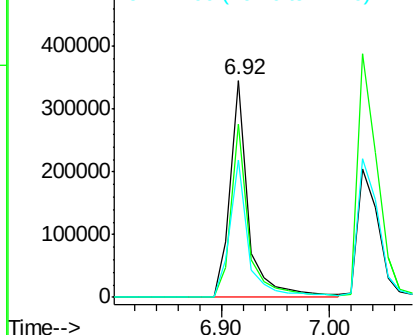
#15
Benzyl Alcohol
Concen: 39.79 ng
RT: 6.92 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 408066
Ion Ratio Lower Upper
79 100
108 80.0 61.4 92.0
77 63.2 50.9 76.3

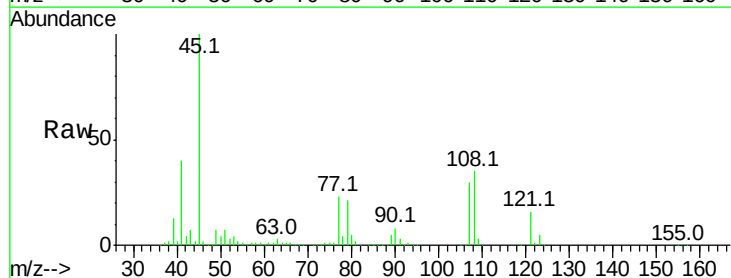


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

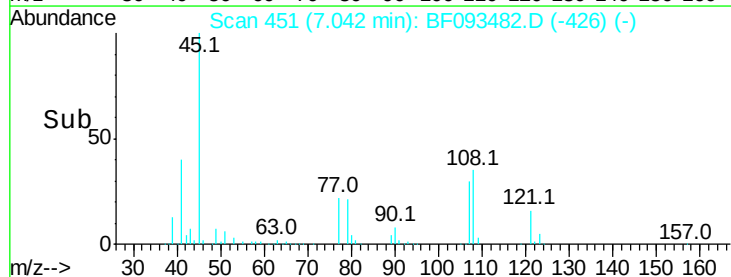
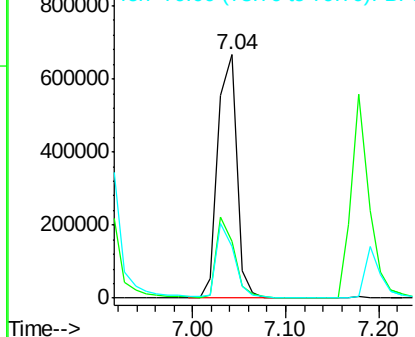


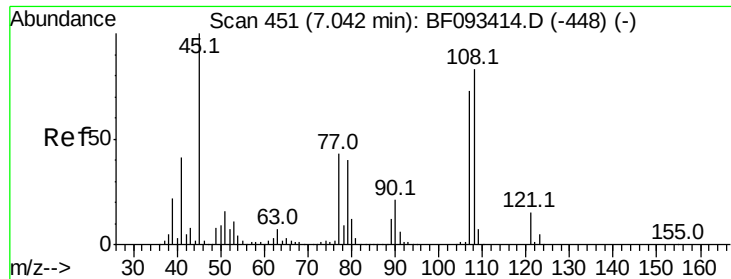
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.89 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Tgt Ion: 45 Resp: 944262
Ion Ratio Lower Upper
45 100
77 23.5 0.0 34.6
79 21.5 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

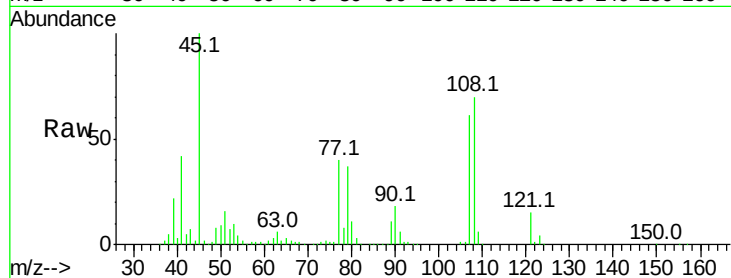




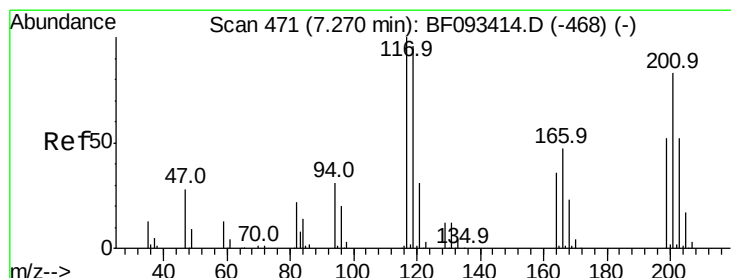
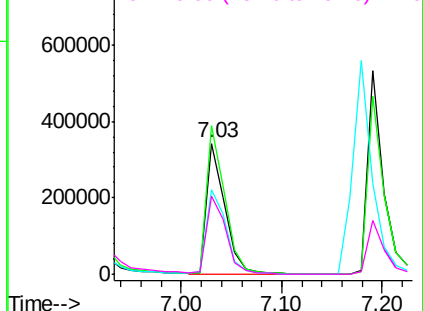
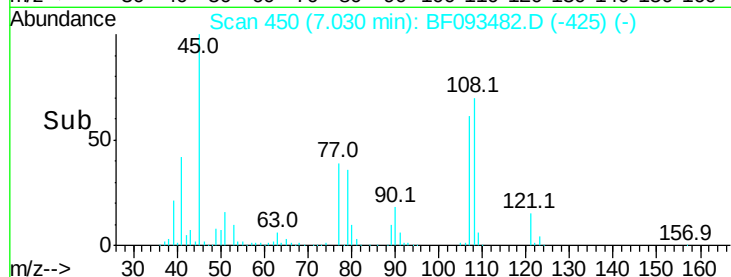
#17
2-Methylphenol
Concen: 39.47 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 426747
Ion Ratio Lower Upper
107 100
108 113.6 93.0 139.6
77 64.8 39.8 59.8#
79 60.0 38.0 57.0#

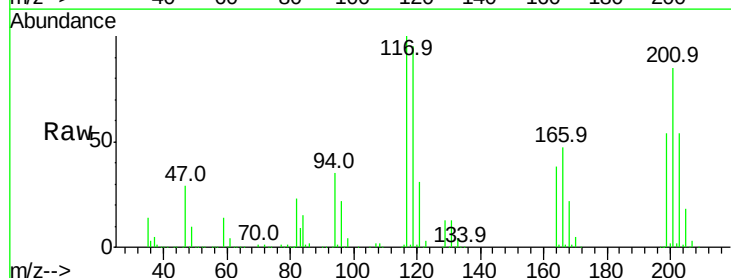


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

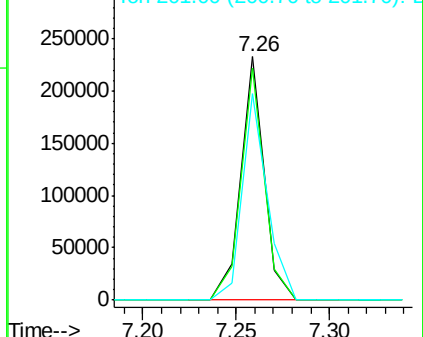
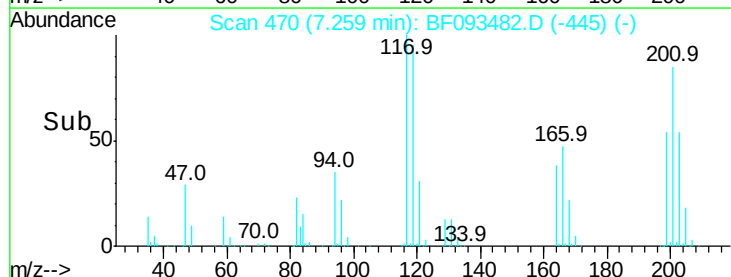


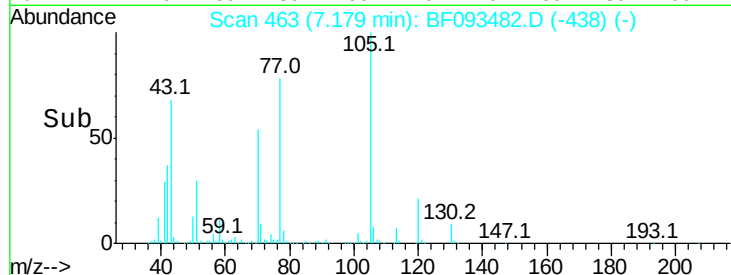
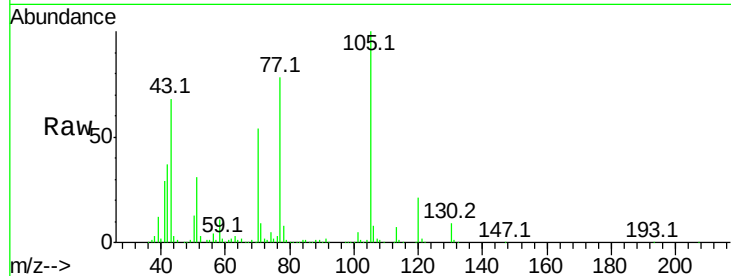
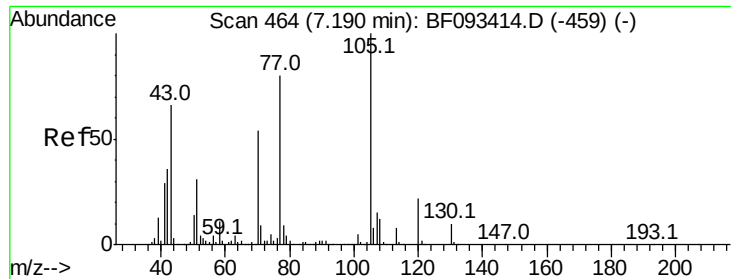
#18
Hexachloroethane
Concen: 40.25 ng
RT: 7.26 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Tgt Ion:117 Resp: 203362
Ion Ratio Lower Upper
117 100
119 95.3 78.1 117.1
201 84.9 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

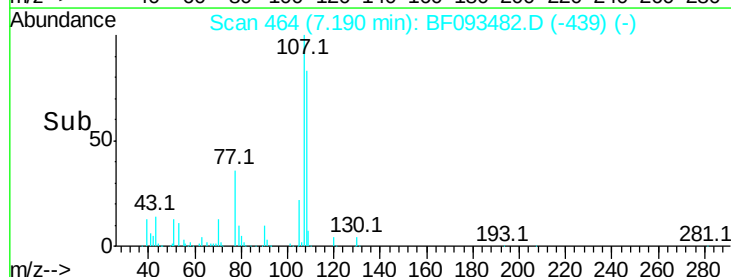
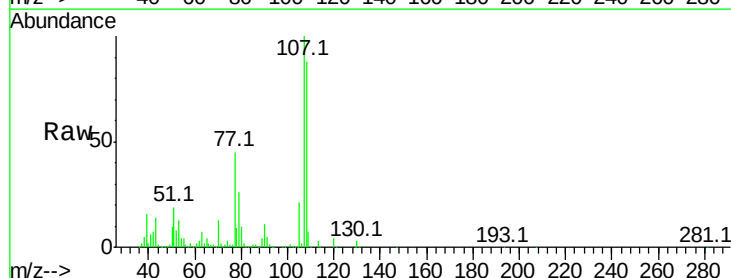
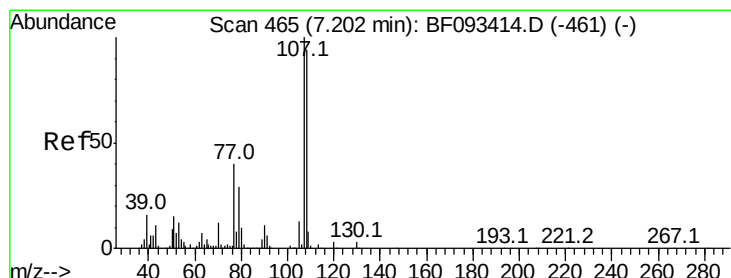
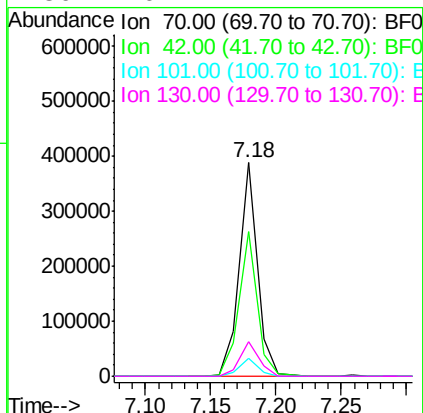




#19
n-Nitroso-di-n-propylamine
Concen: 38.11 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

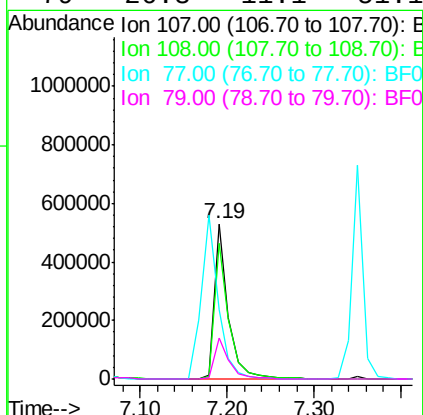
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

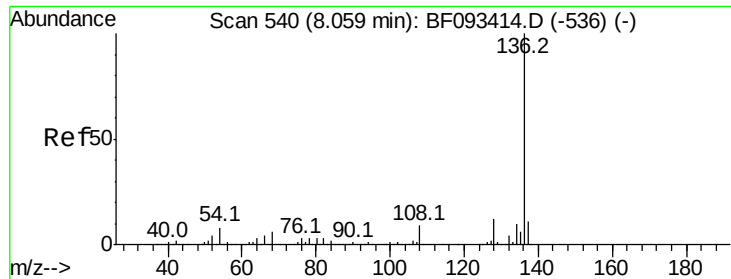
Tot Ion: 70 Resp: 376999
Ion Ratio Lower Upper
70 100
42 68.0 49.4 74.0
101 8.3 7.4 11.2
130 16.1 14.2 21.4



#20
3+4-Methylphenols
Concen: 42.14 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Tgt Ion:107 Resp: 590922
Ion Ratio Lower Upper
107 100
108 87.6 73.0 113.0
77 44.9 71.3 111.3#
79 26.3 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 752877

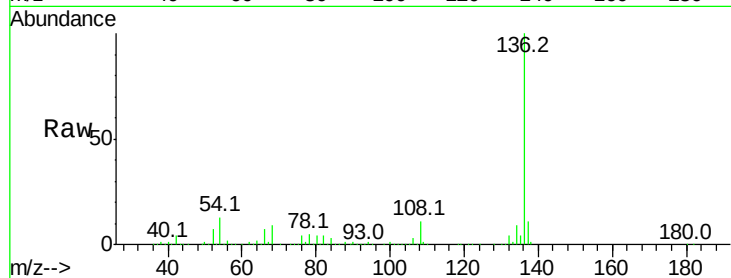
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 12.9 4.5 6.7#

68 9.3 3.6 5.4#

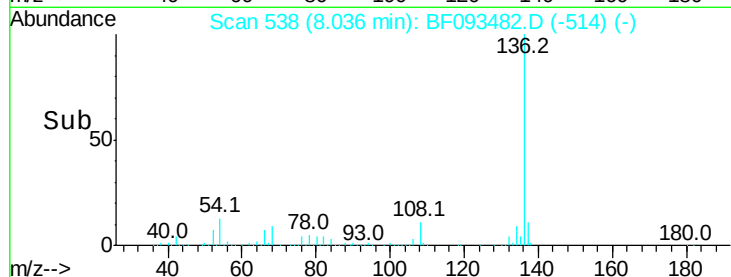


Abundance Ion 136.00 (135.70 to 136.70): E

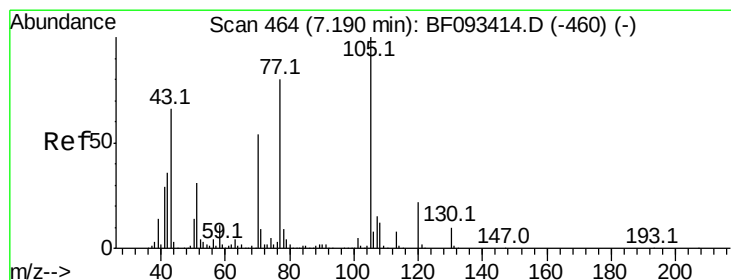
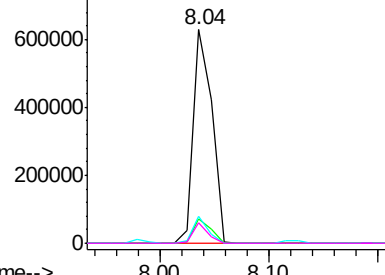
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.76 ng

RT: 7.18 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Tgt Ion:105 Resp: 738497

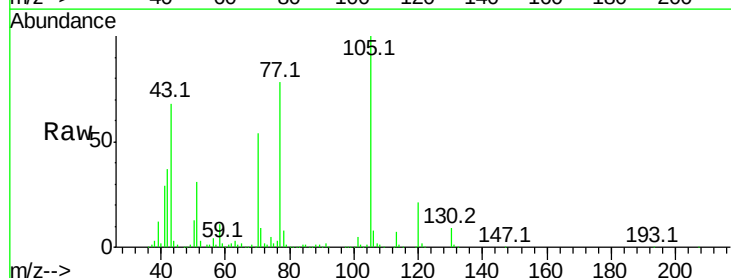
Ion Ratio Lower Upper

105 100

71 9.0 3.2 4.8#

51 30.6 26.2 39.4

120 21.4 16.6 24.8

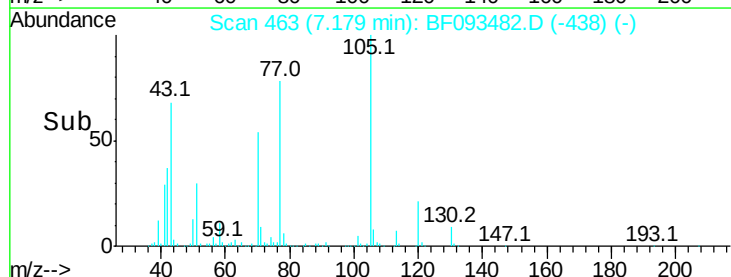


Abundance Ion 105.00 (104.70 to 105.70): E

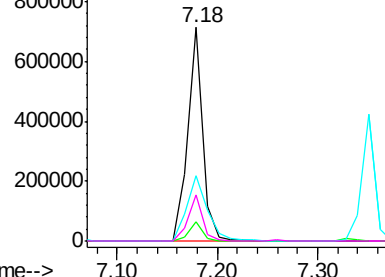
Ion 71.00 (70.70 to 71.70): BF0

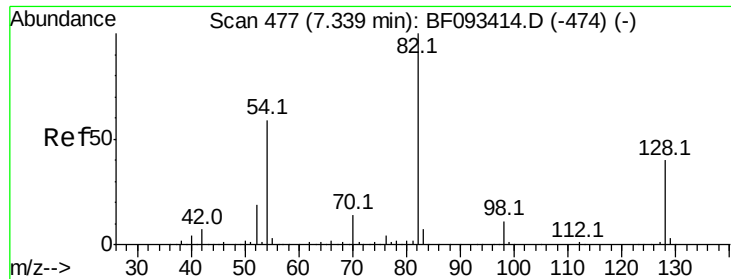
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

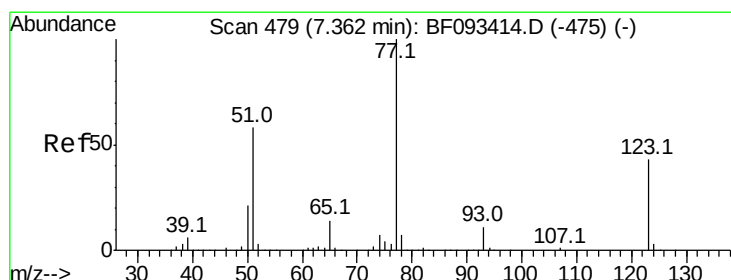
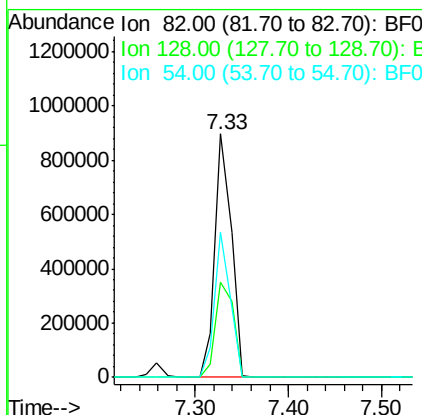
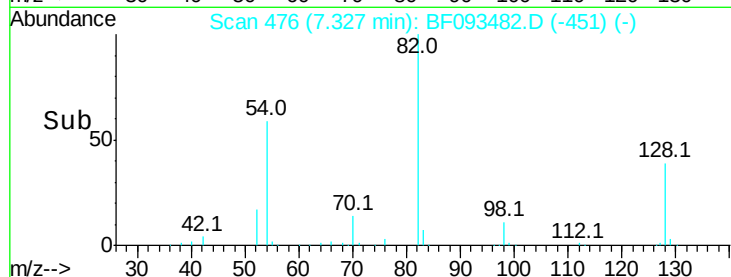
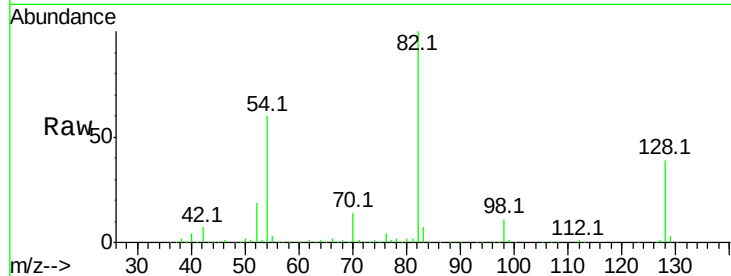




#23
 Nitrobenzene-d5
 Concen: 81.37 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

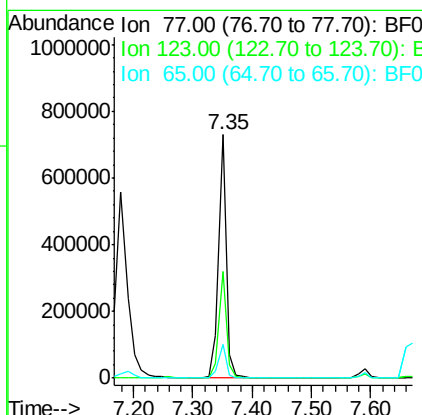
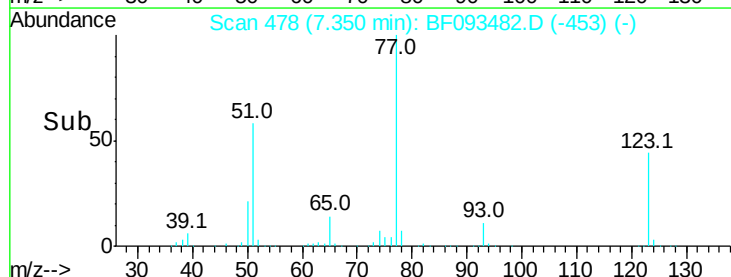
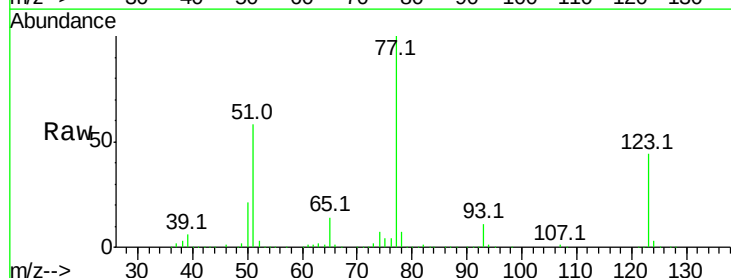
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

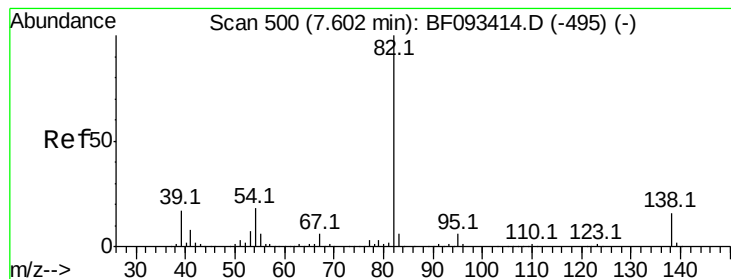
Tot Ion: 82 Resp: 1104121
 Ion Ratio Lower Upper
 82 100
 128 39.0 34.6 52.0
 54 59.8 39.5 59.3#



#24
 Nitrobenzene
 Concen: 43.10 ng
 RT: 7.35 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

Tgt Ion: 77 Resp: 657323
 Ion Ratio Lower Upper
 77 100
 123 43.6 33.0 49.4
 65 13.7 11.2 16.8





#25

Isophorone

Concen: 40.97 ng

RT: 7.59 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

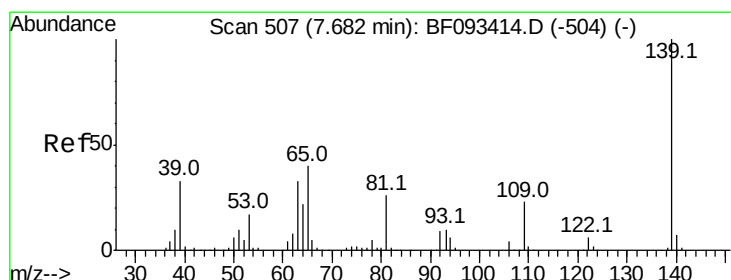
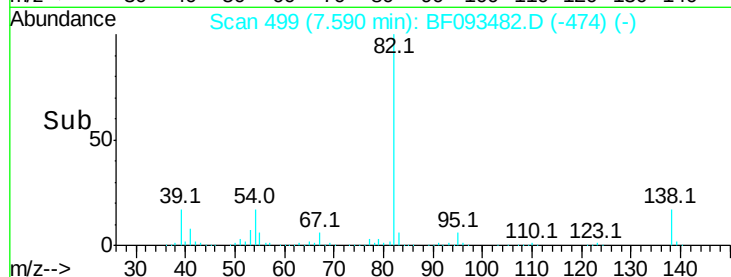
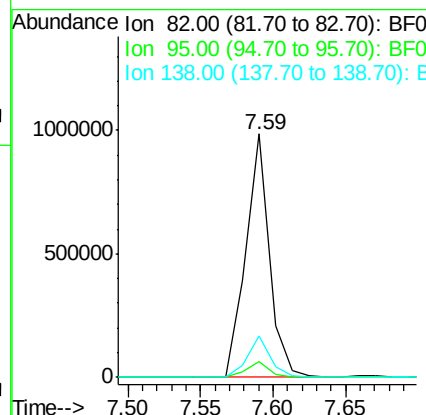
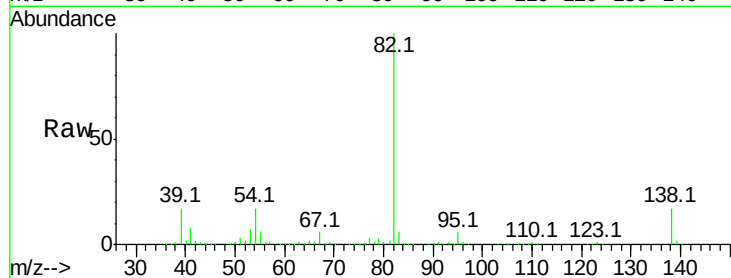
Tot Ion: 82 Resp: 1121148

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 17.0 14.6 22.0



#26

2-Nitrophenol

Concen: 40.19 ng

RT: 7.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

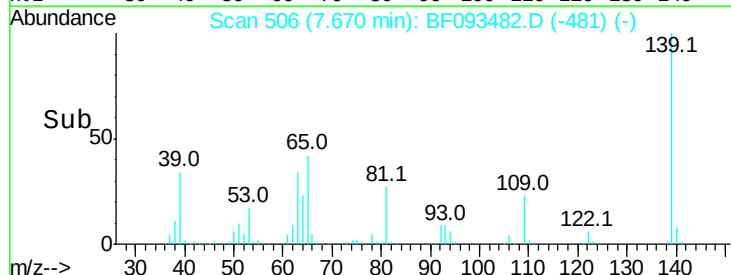
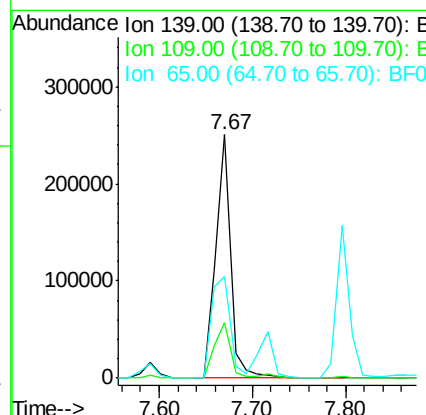
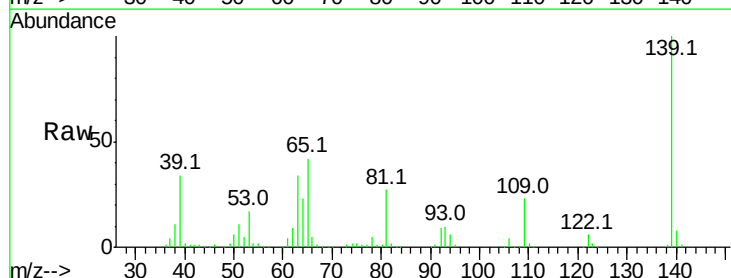
Tgt Ion: 139 Resp: 279613

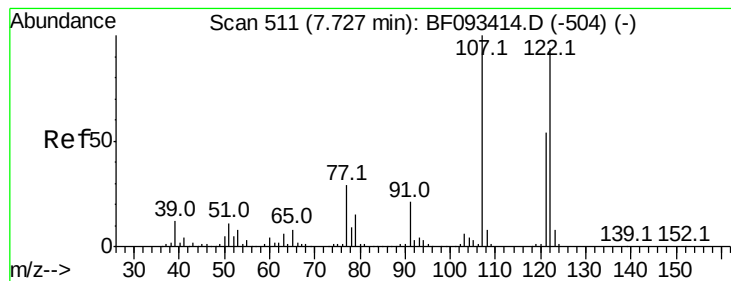
Ion Ratio Lower Upper

139 100

109 22.7 23.3 34.9#

65 41.8 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 42.77 ng

RT: 7.72 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

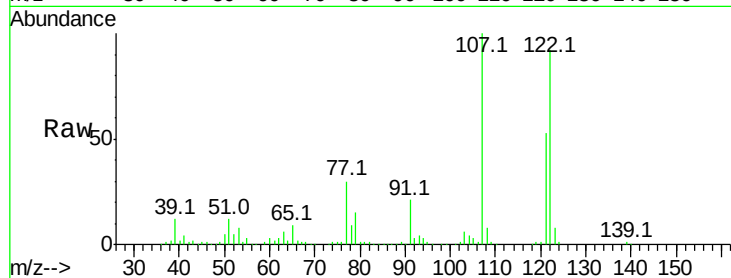
Tot Ion:122 Resp: 484150

Ion Ratio Lower Upper

122 100

107 108.7 94.1 141.1

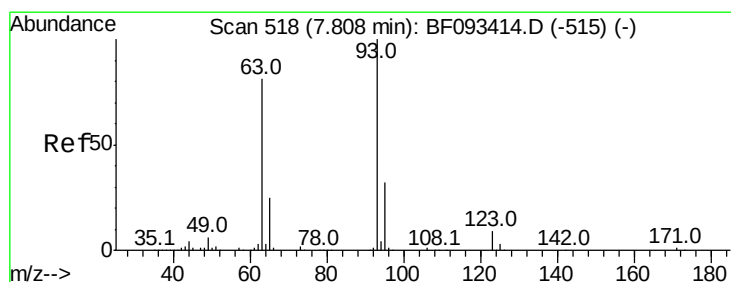
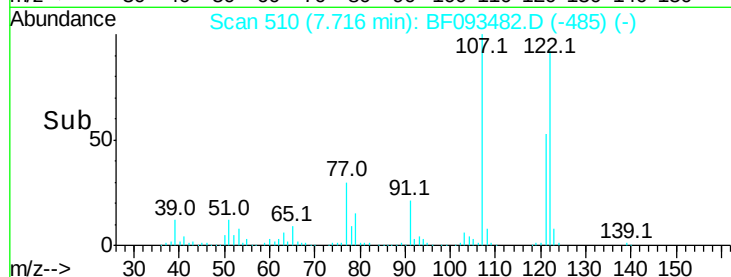
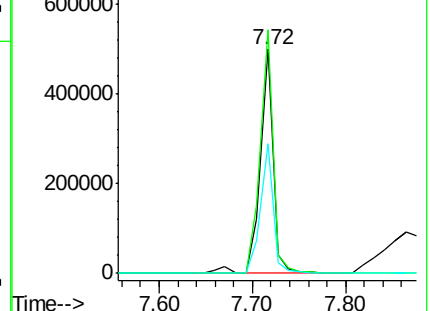
121 57.9 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.03 ng

RT: 7.80 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

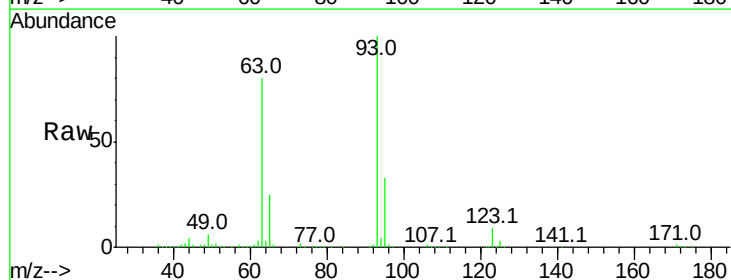
Tgt Ion: 93 Resp: 656897

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

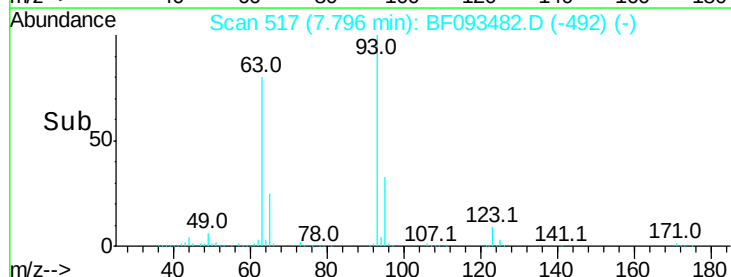
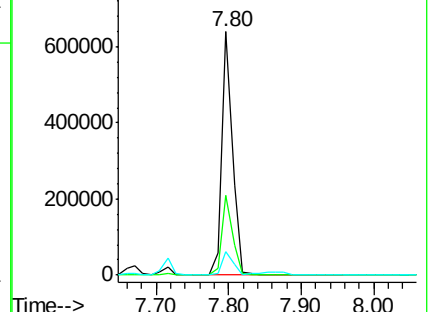
123 9.4 8.6 13.0

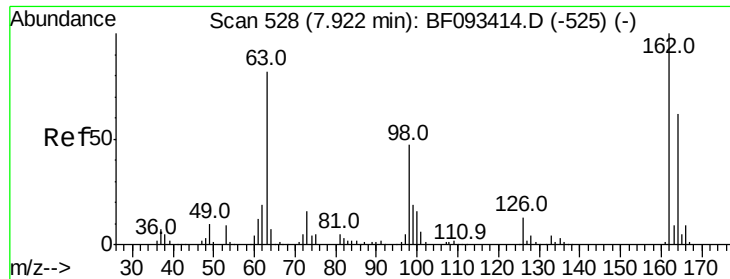


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

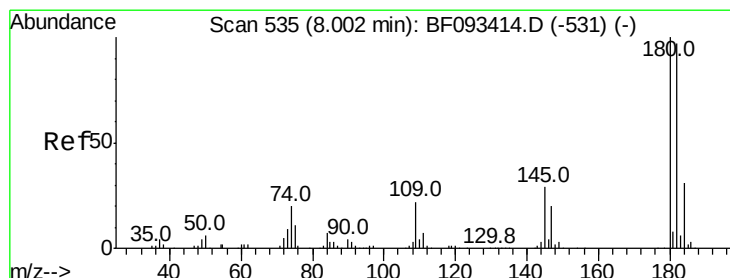
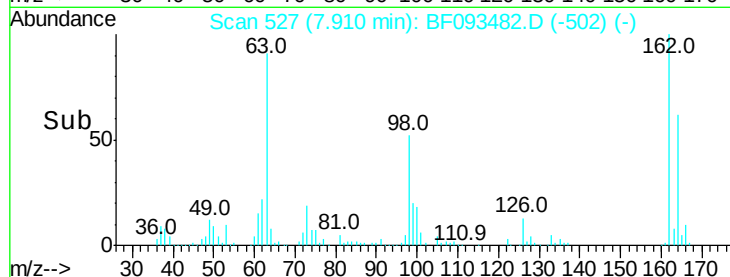
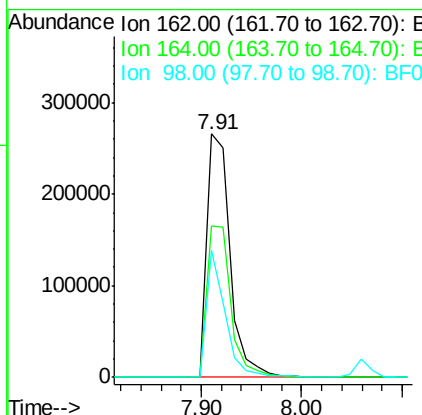
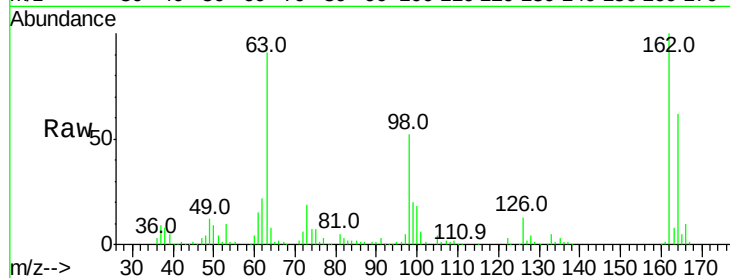




#29
 2,4-Dichlorophenol
 Concen: 40.04 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

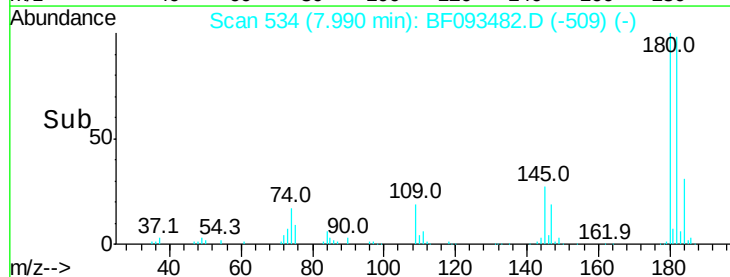
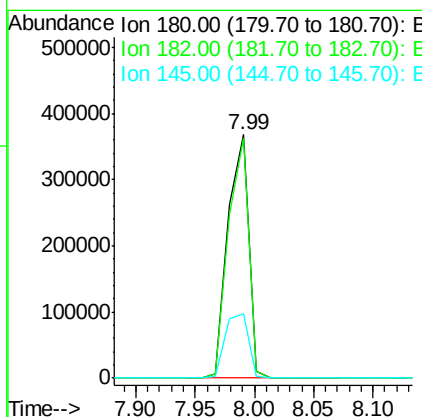
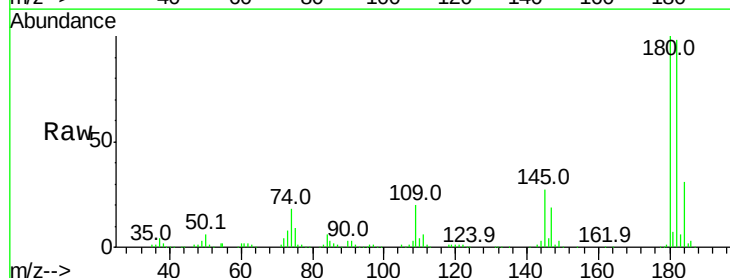
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

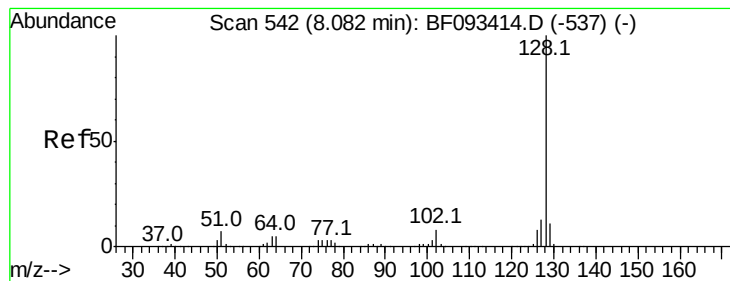
Tot Ion:162 Resp: 426311
 Ion Ratio Lower Upper
 162 100
 164 62.3 46.8 86.8
 98 52.4 9.1 49.1#



#30
 1,2,4-Trichlorobenzene
 Concen: 39.45 ng
 RT: 7.99 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

Tgt Ion:180 Resp: 446730
 Ion Ratio Lower Upper
 180 100
 182 98.2 78.2 117.4
 145 26.7 21.6 32.4





#31

Naphthalene

Concen: 38.30 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

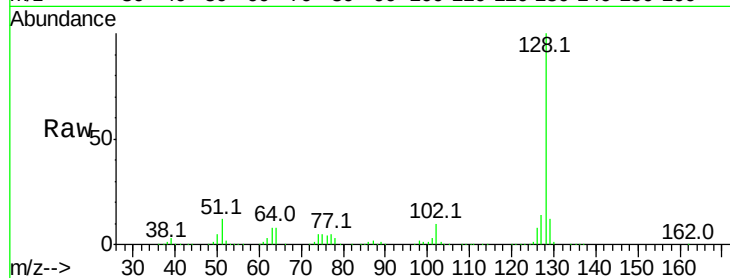
Tot Ion:128 Resp: 1445063

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

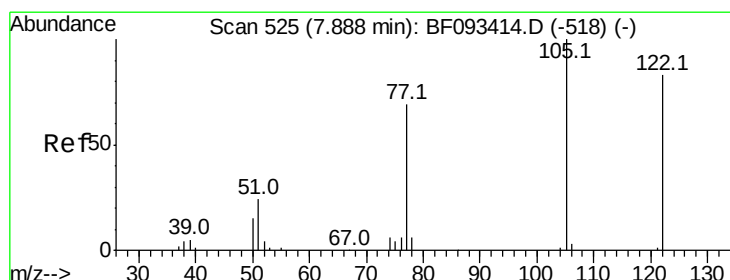
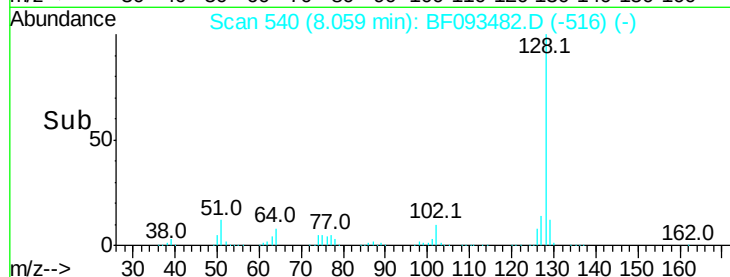
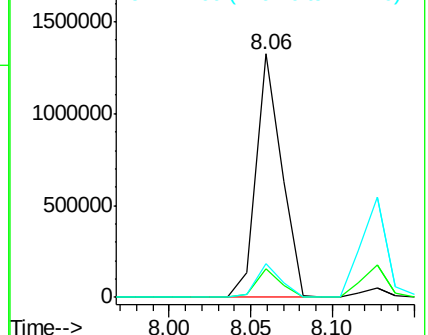
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.85 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

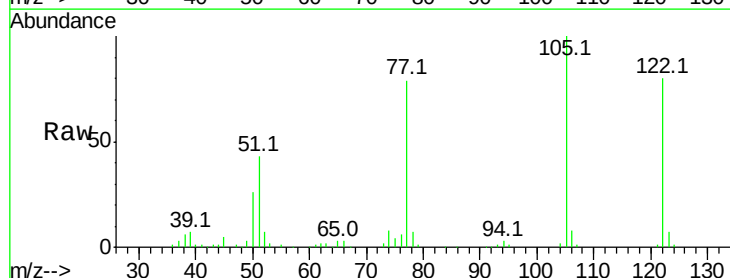
Tgt Ion:122 Resp: 287315

Ion Ratio Lower Upper

122 100

105 125.5 107.2 147.2

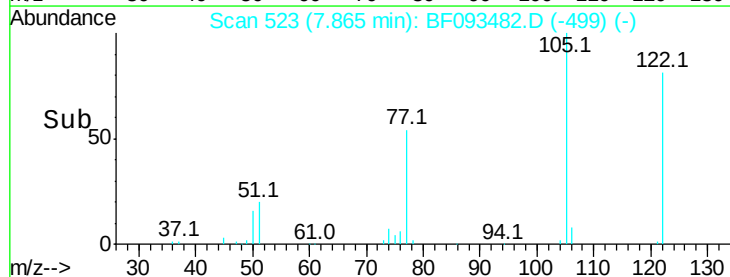
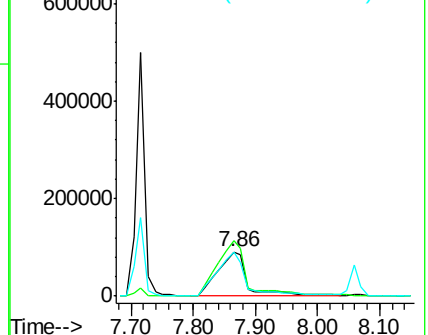
77 99.6 74.5 114.5

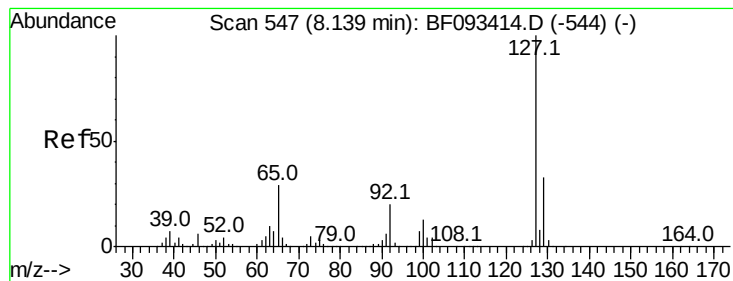


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 40.41 ng

RT: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 618718

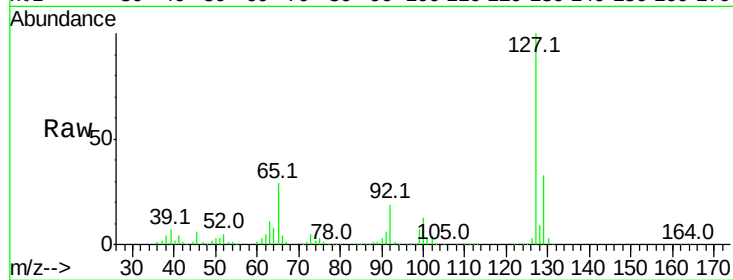
Ion Ratio Lower Upper

127 100

129 32.8 26.3 39.5

65 29.3 25.8 38.8

92 19.0 16.1 24.1

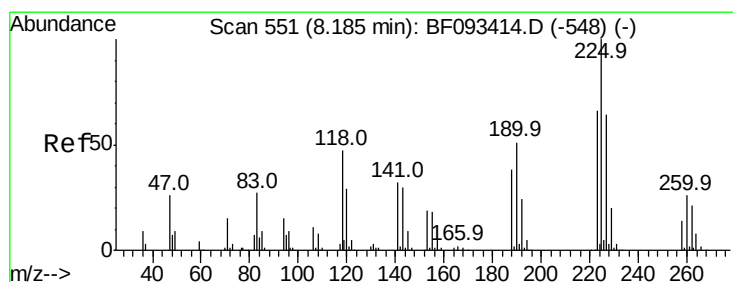
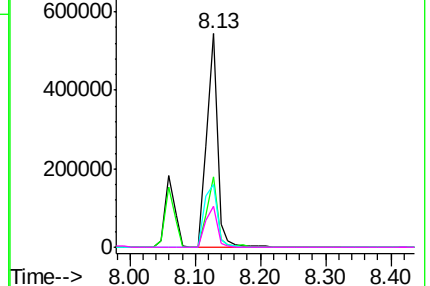
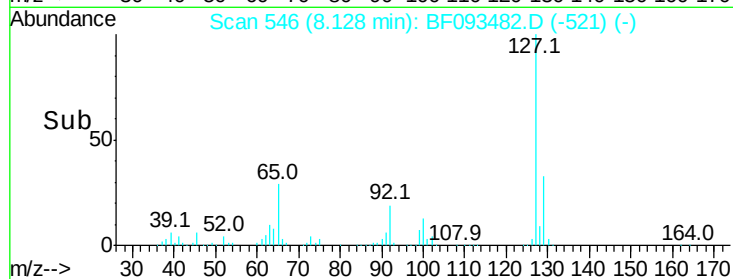


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.38 ng

RT: 8.17 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

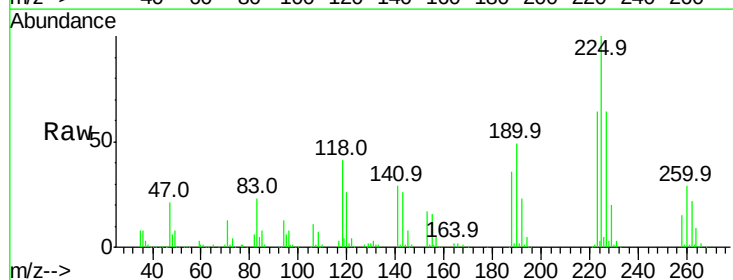
Tgt Ion:225 Resp: 229681

Ion Ratio Lower Upper

225 100

223 64.0 51.0 76.6

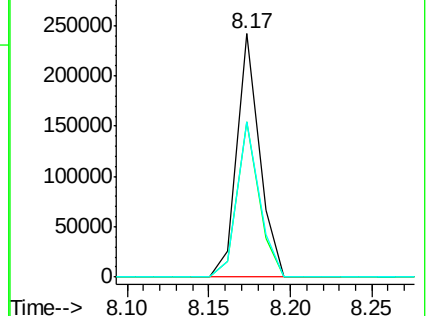
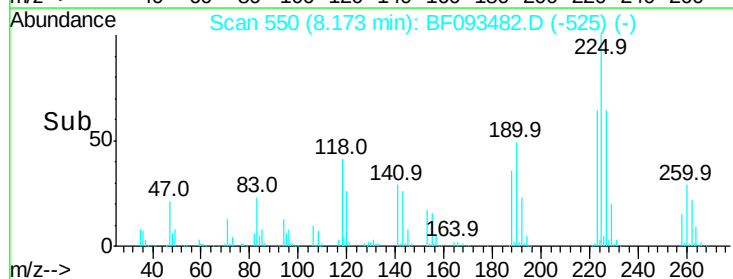
227 63.6 50.6 76.0

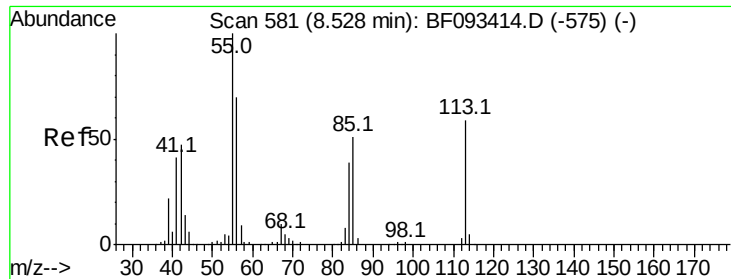


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.82 ng

RT: 8.50 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

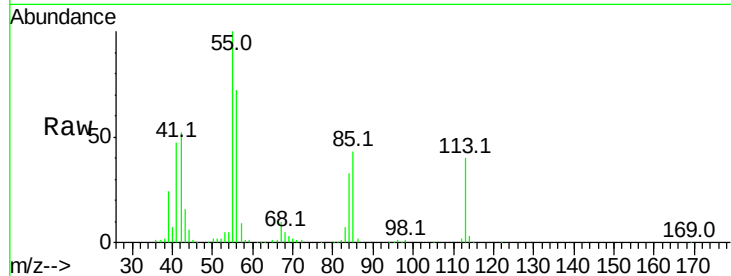
Tot Ion:113 Resp: 141178

Ion Ratio Lower Upper

113 100

55 248.4 119.2 159.2#

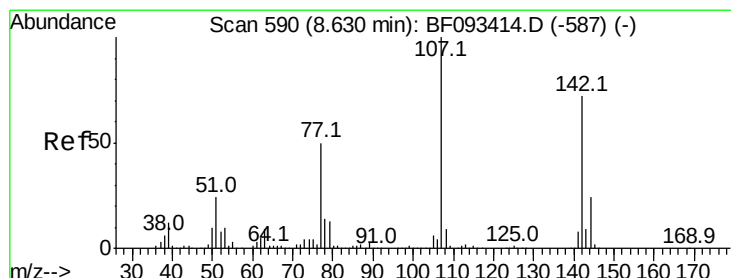
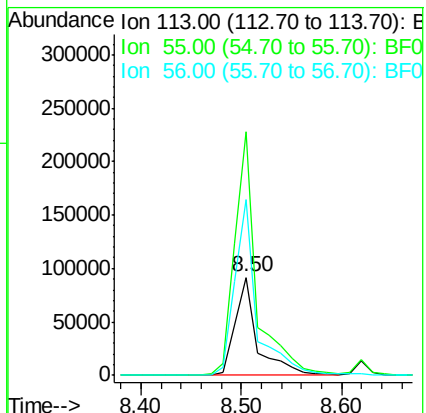
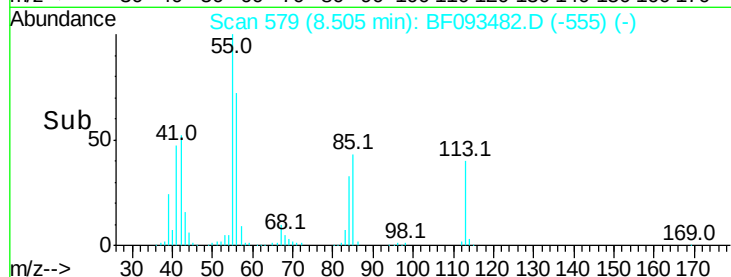
56 179.2 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.11 ng

RT: 8.62 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

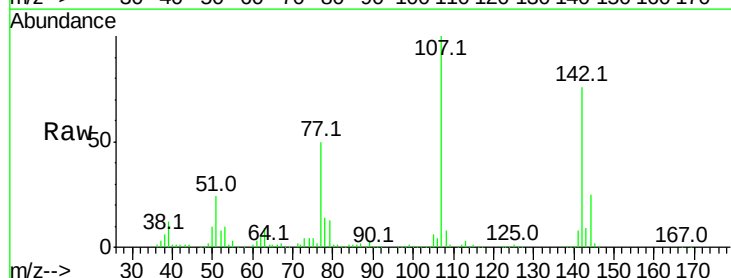
Tgt Ion:107 Resp: 478602

Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

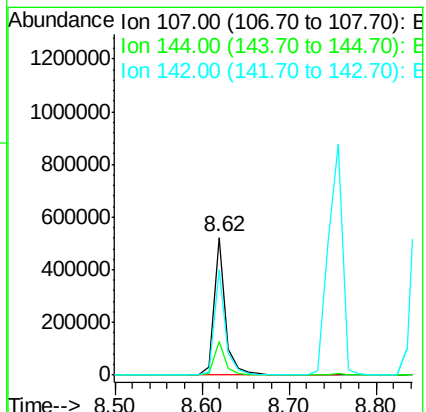
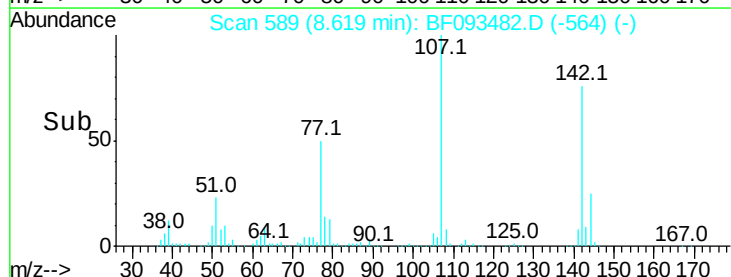
142 76.5 59.0 88.6

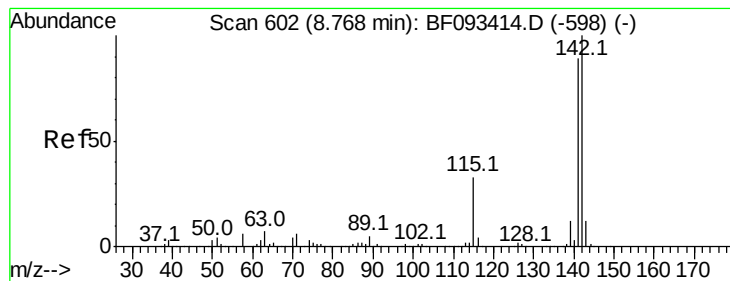


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.51 ng

RT: 8.76 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

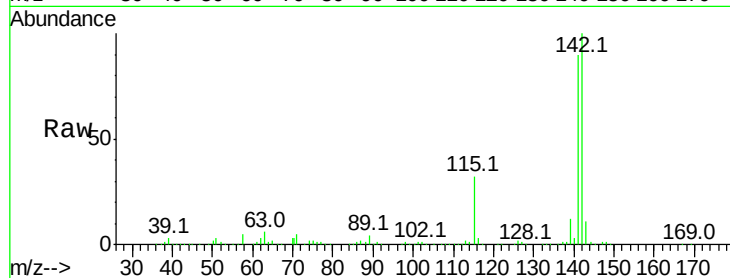
Tot Ion:142 Resp: 972344

Ion Ratio Lower Upper

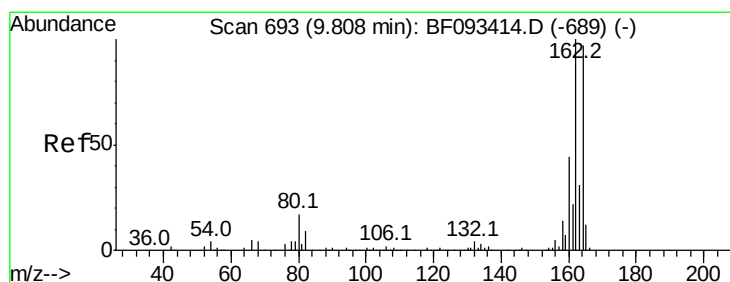
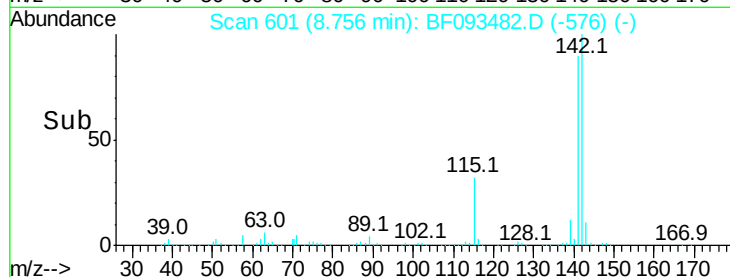
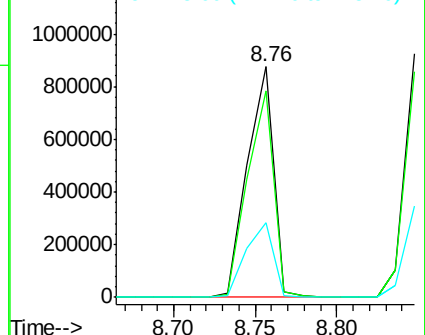
142 100

141 89.8 71.0 106.6

115 32.3 28.3 42.5



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

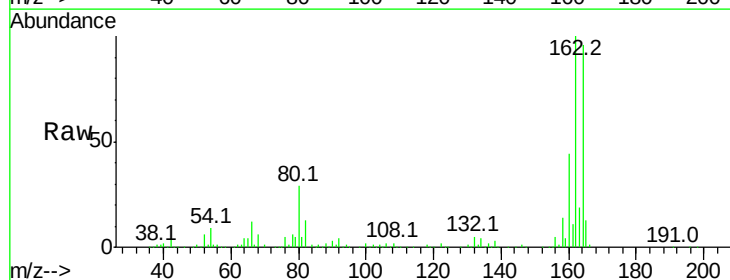
Tgt Ion:164 Resp: 363549

Ion Ratio Lower Upper

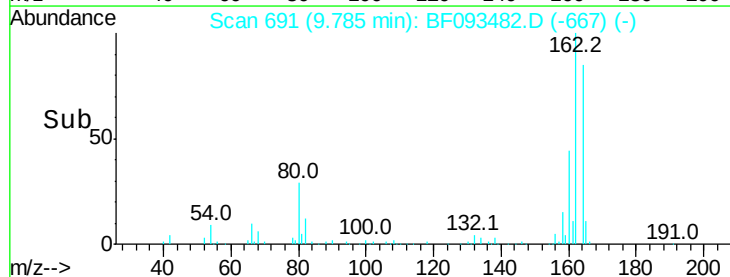
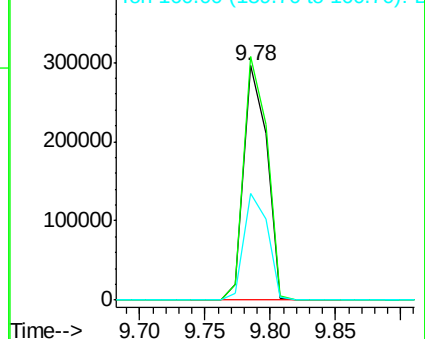
164 100

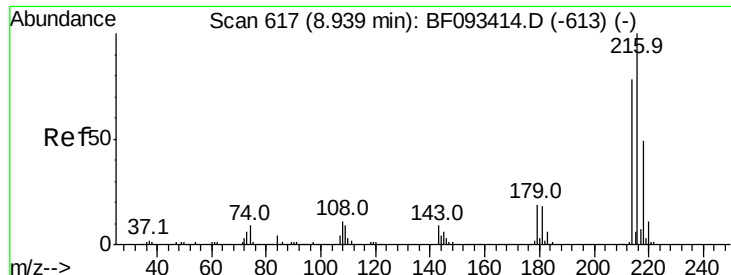
162 103.8 80.2 120.2

160 45.4 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.87 ng

RT: 8.92 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 415650

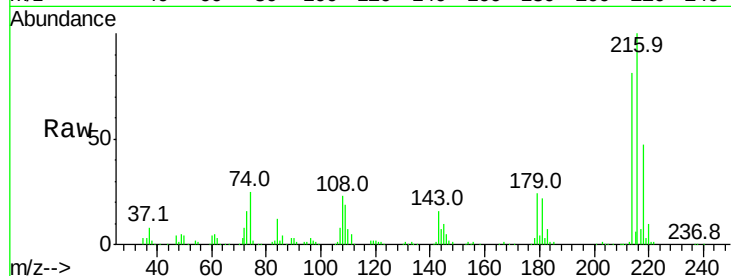
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.0

179 21.9 17.4 26.2

108 21.5 15.6 23.4

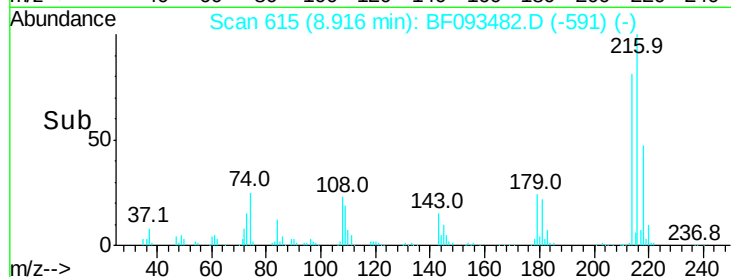


Abundance Ion 216.00 (215.70 to 216.70): E

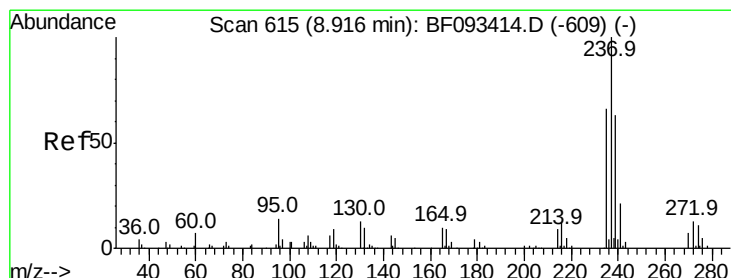
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 39.87 ng

RT: 8.90 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

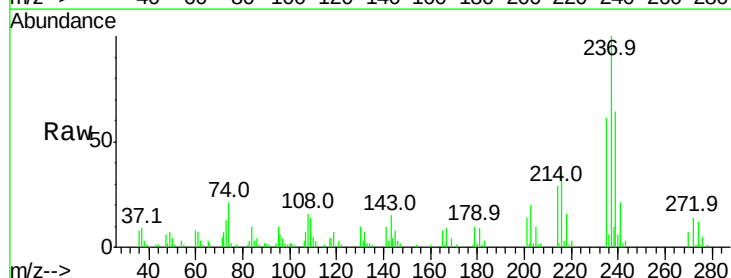
Tgt Ion:237 Resp: 81993

Ion Ratio Lower Upper

237 100

235 61.0 41.2 81.2

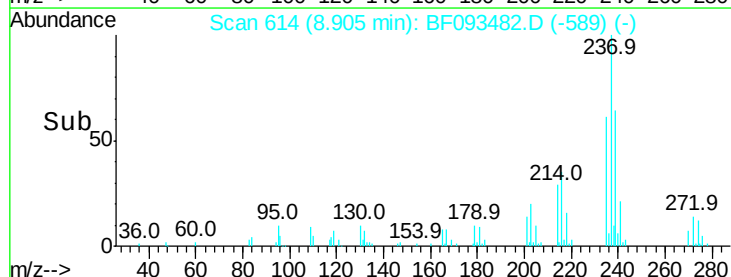
272 14.0 0.0 35.4



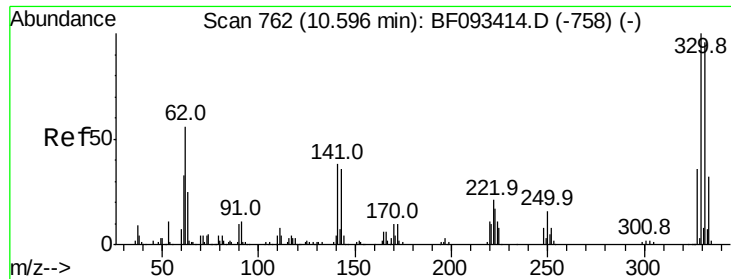
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



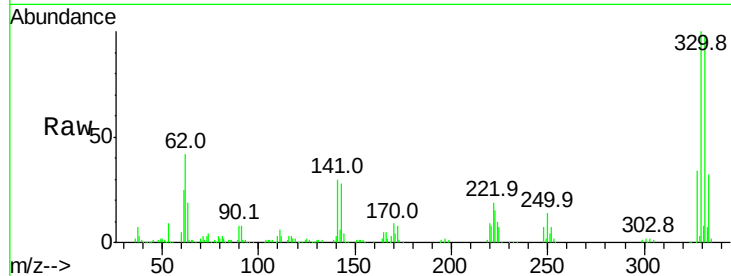
Time-->



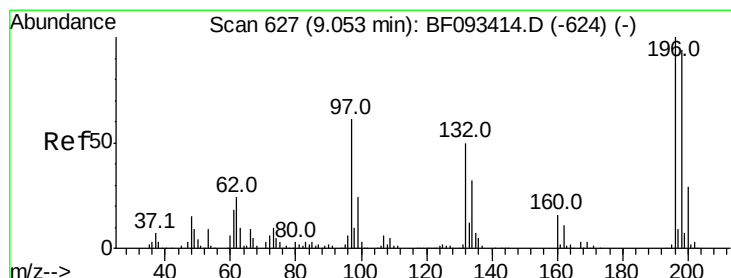
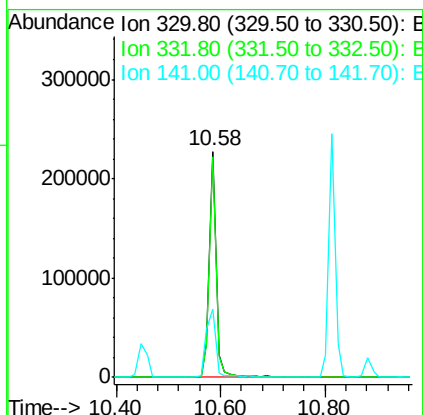
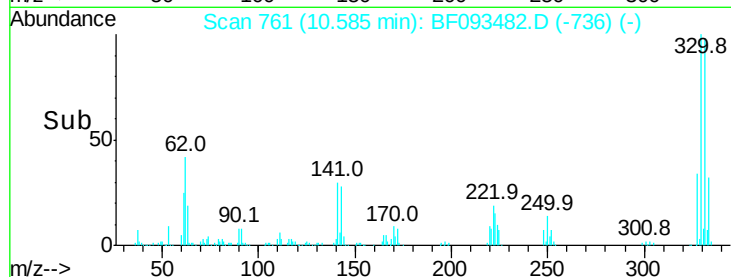
#41
 2,4,6-Tribromophenol
 Concen: 89.54 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 212073
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 41.8 34.1 51.1

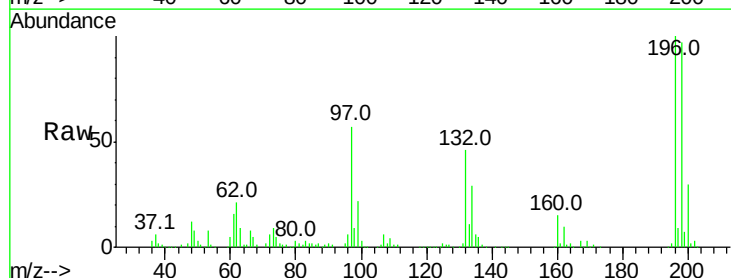


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

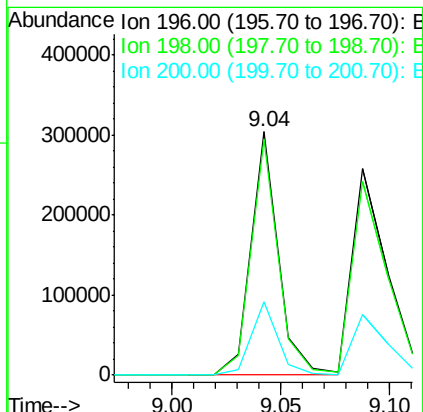
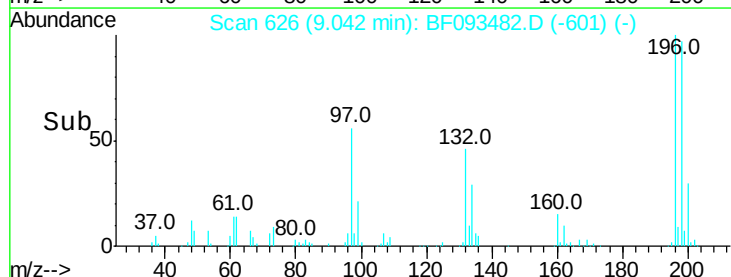


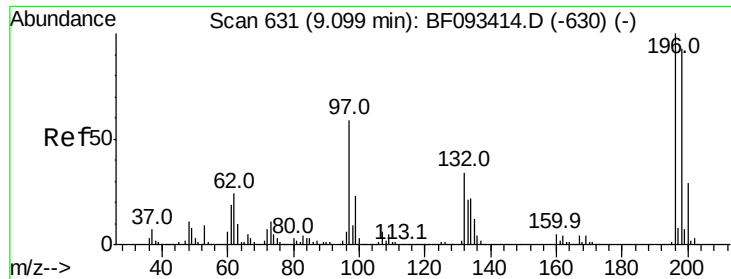
#42
 2,4,6-Trichlorophenol
 Concen: 43.12 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

Tgt Ion:196 Resp: 267475
 Ion Ratio Lower Upper
 196 100
 198 97.2 82.1 123.1
 200 30.4 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

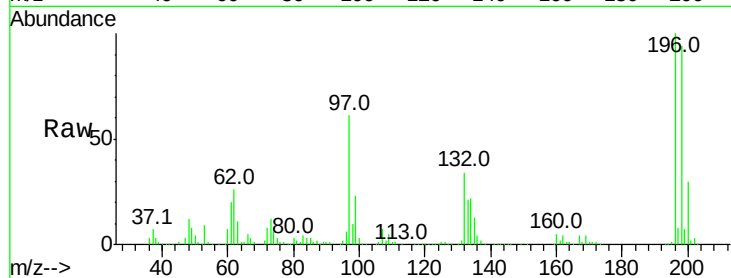




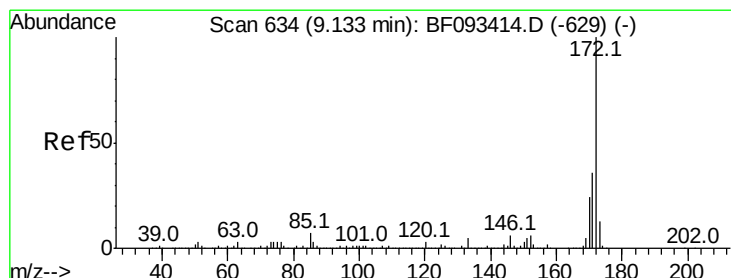
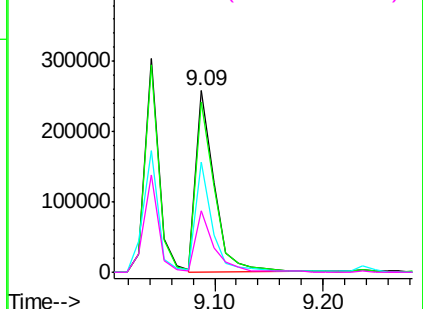
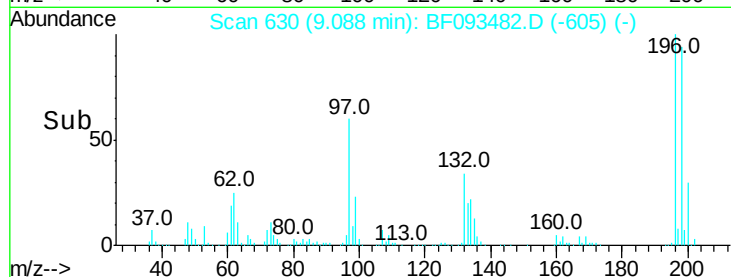
#43
 2,4,5-Trichlorophenol
 Concen: 45.65 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 303806
 Ion Ratio Lower Upper
 196 100
 198 93.6 79.4 119.2
 97 60.7 51.5 77.3
 132 33.7 27.4 41.2

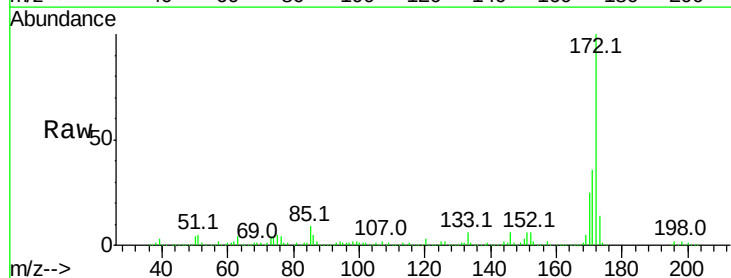


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

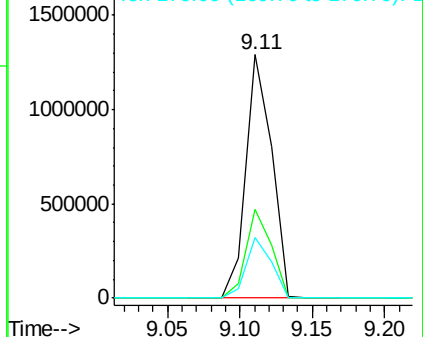
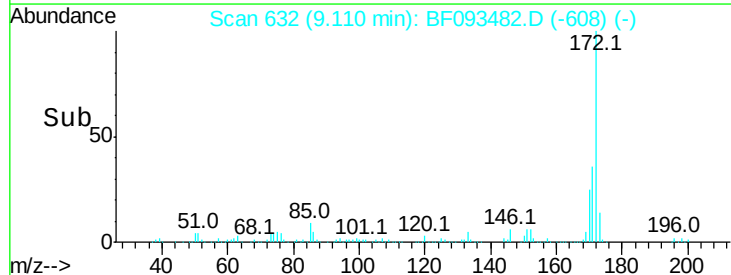


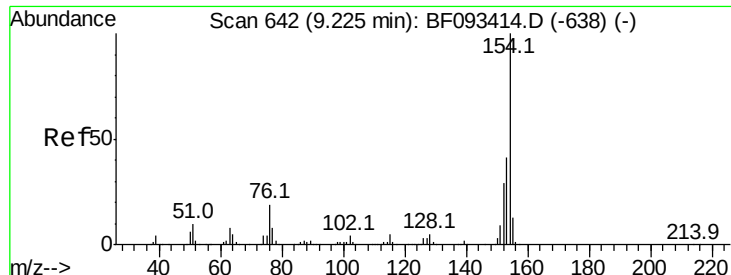
#44
 2-Fluorobiphenyl
 Concen: 81.59 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

Tgt Ion:172 Resp: 1594756
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.8 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: 41.45 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

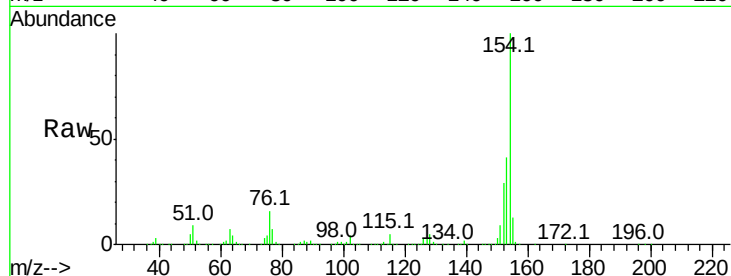
Tot Ion:154 Resp: 1097629

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

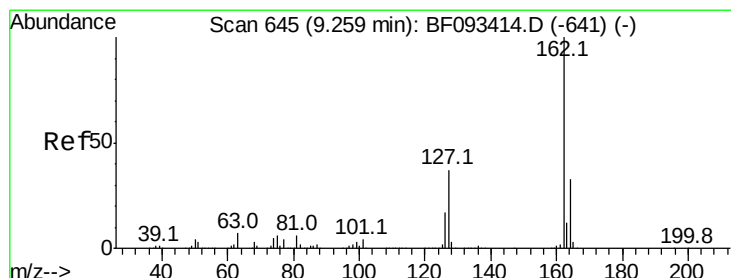
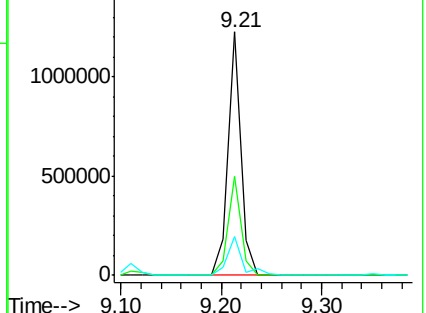
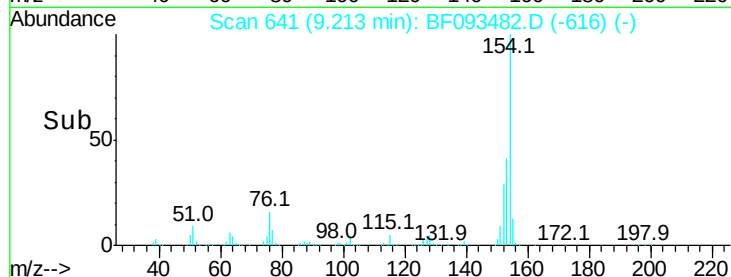
76 16.0 0.0 30.5



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: 43.46 ng

RT: 9.24 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

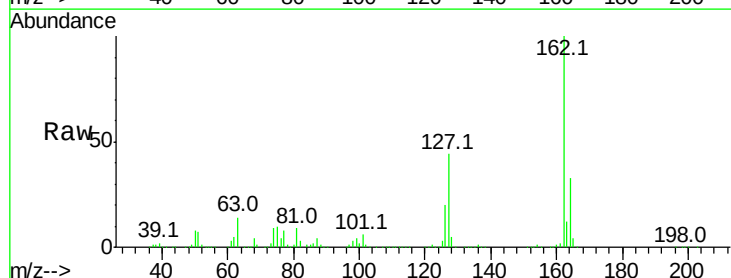
Tgt Ion:162 Resp: 880982

Ion Ratio Lower Upper

162 100

127 43.7 30.7 46.1

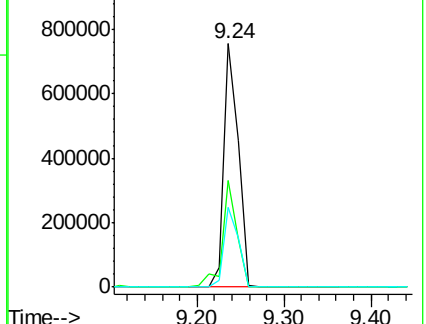
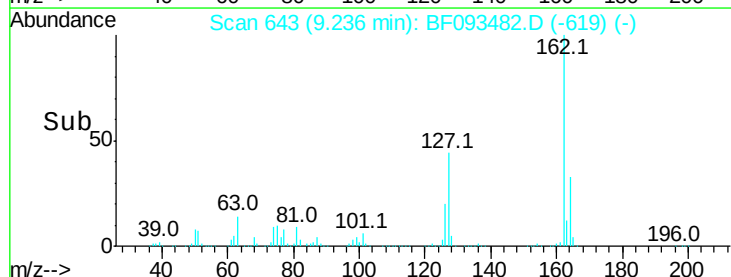
164 32.8 27.6 41.4

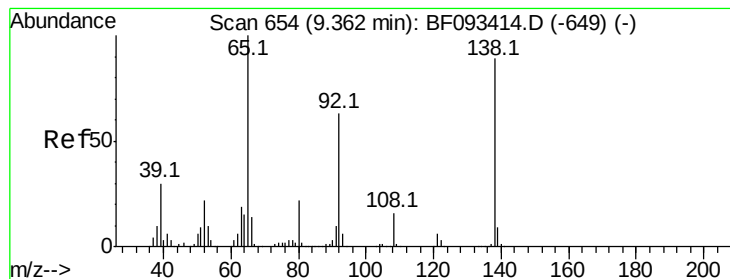


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.94 ng

RT: 9.35 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

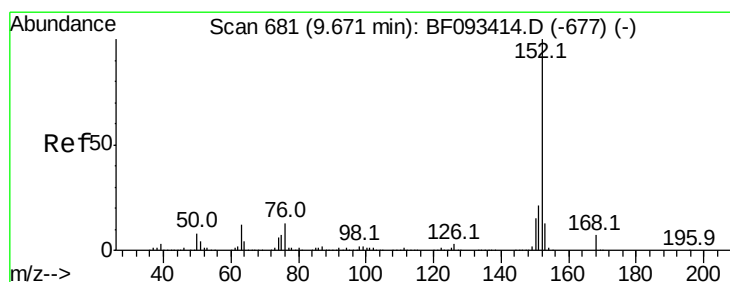
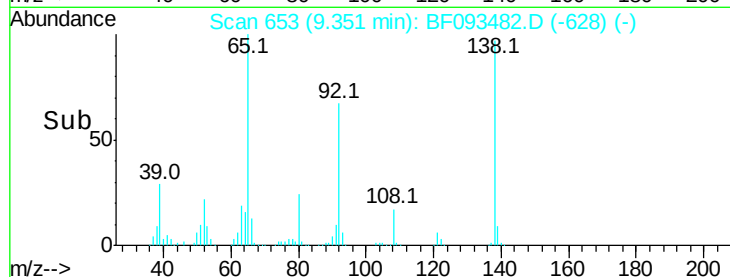
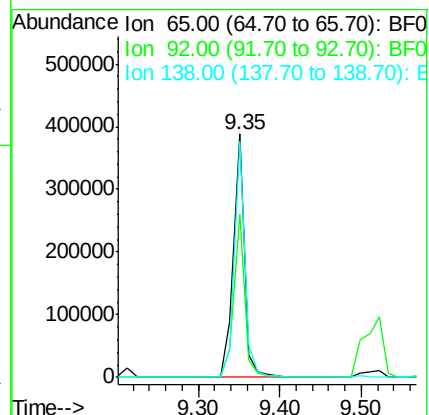
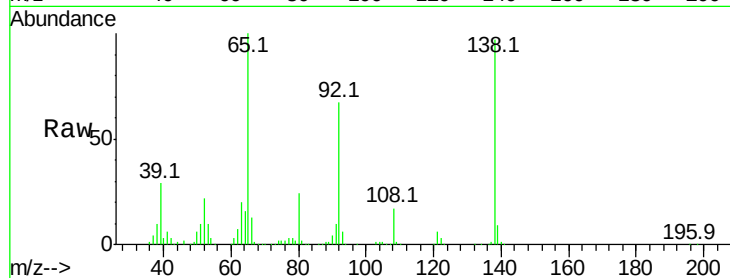
Tot Ion: 65 Resp: 365072

Ion Ratio Lower Upper

65 100

92 67.1 53.9 80.9

138 96.9 76.8 115.2



#48

Acenaphthylene

Concen: 42.22 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

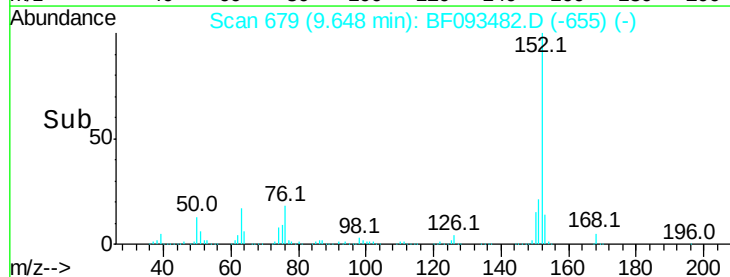
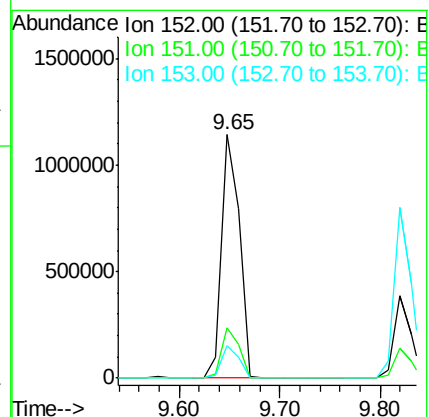
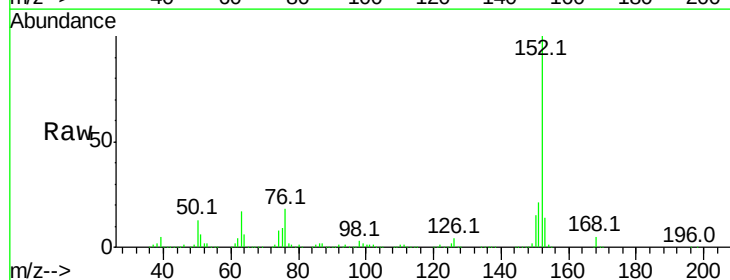
Tgt Ion: 152 Resp: 1411722

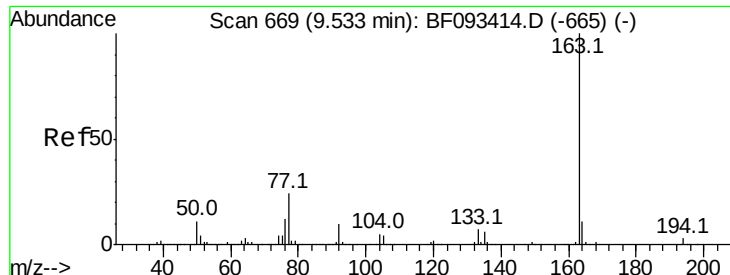
Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

153 13.5 11.4 17.2





#49

Dimethylphthalate

Concen: 43.69 ng

RT: 9.52 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

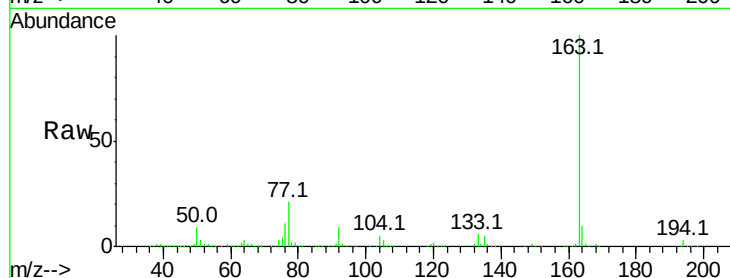
Tot Ion:163 Resp: 1053036

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

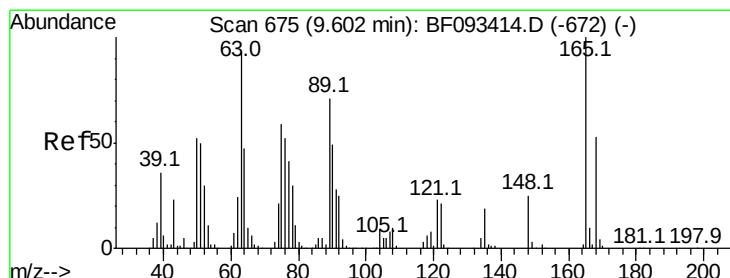
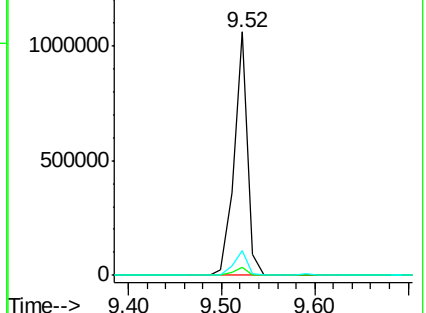
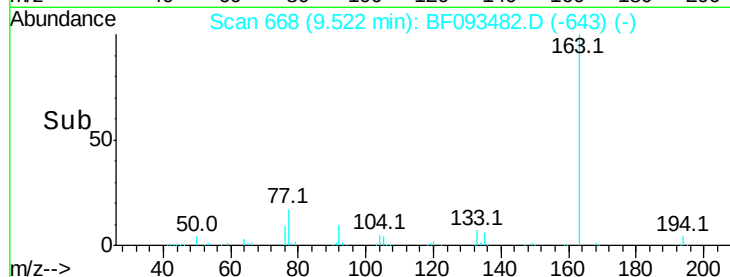
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.52 ng

RT: 9.59 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

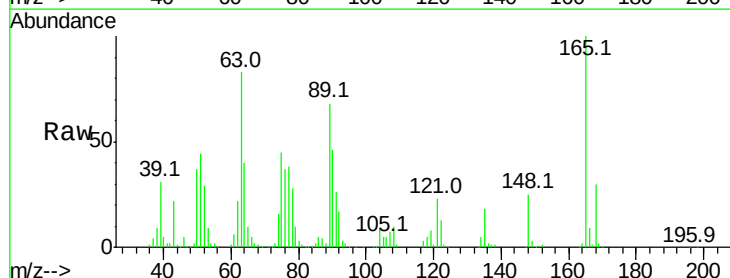
Tgt Ion:165 Resp: 219568

Ion Ratio Lower Upper

165 100

63 83.2 36.2 54.4#

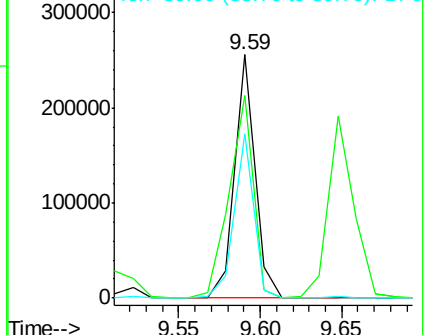
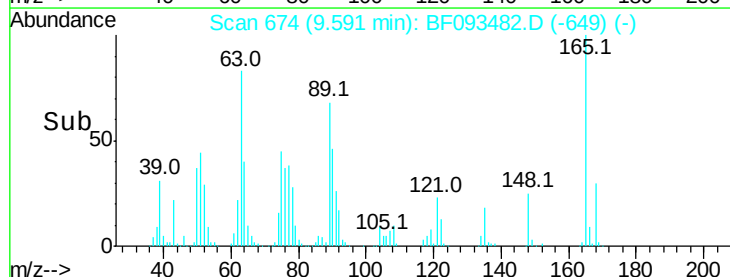
89 67.7 40.2 60.4#

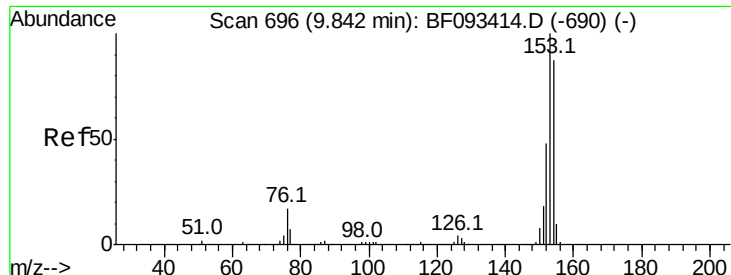


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

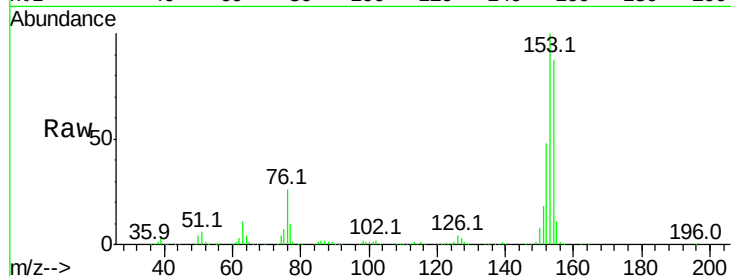




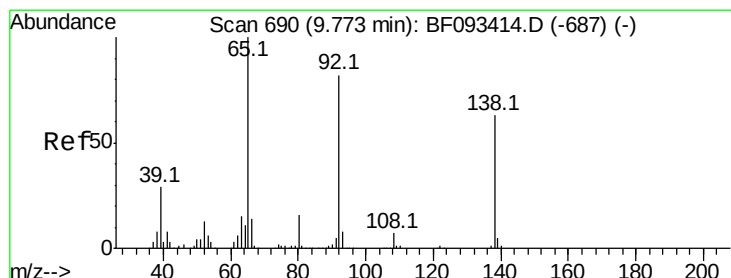
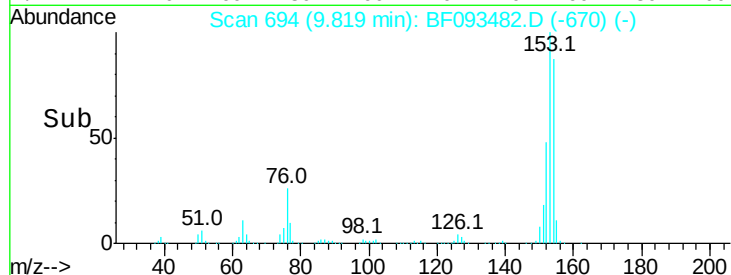
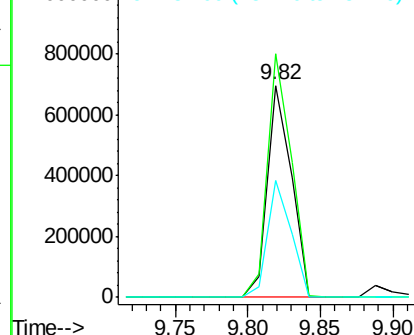
#51
Acenaphthene
Concen: 40.49 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 800460
Ion Ratio Lower Upper
154 100
153 115.0 88.6 133.0
152 55.2 41.6 62.4

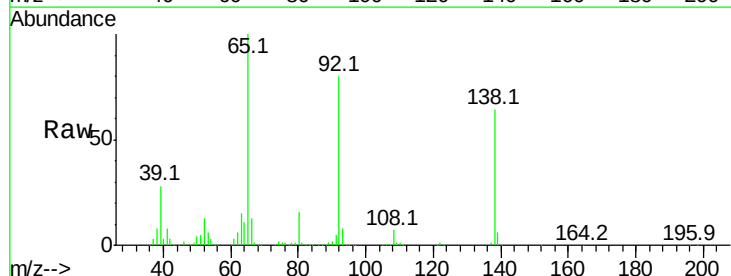


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

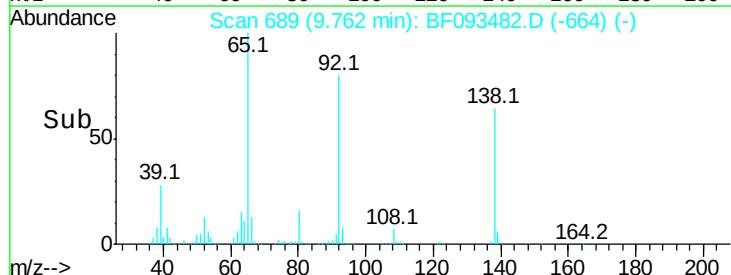
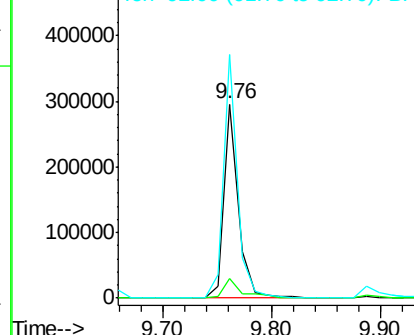


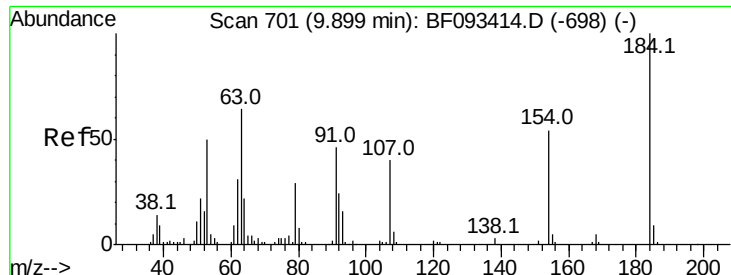
#52
3-Nitroaniline
Concen: 43.53 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Tgt Ion:138 Resp: 276604
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 125.6 97.8 146.8



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

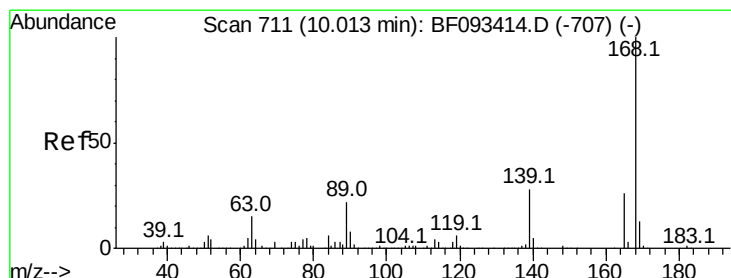
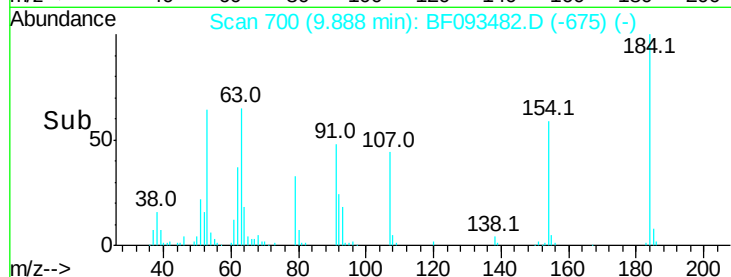
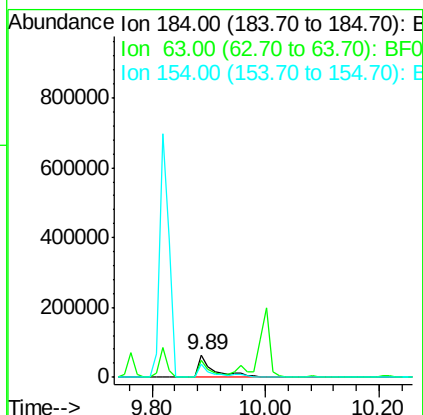
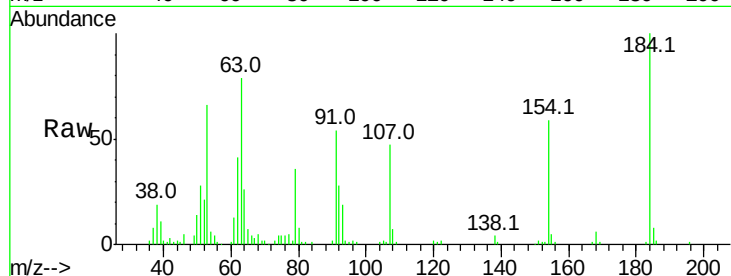




#53
 2,4-Dinitrophenol
 Concen: 50.88 ng
 RT: 9.89 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

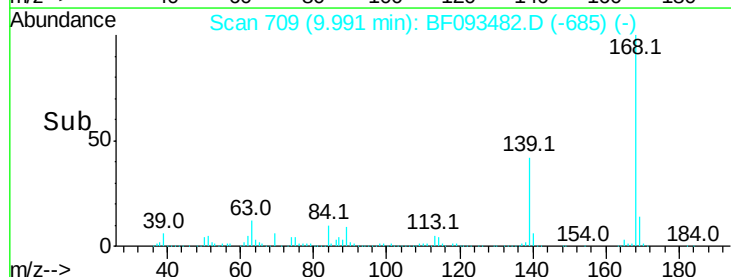
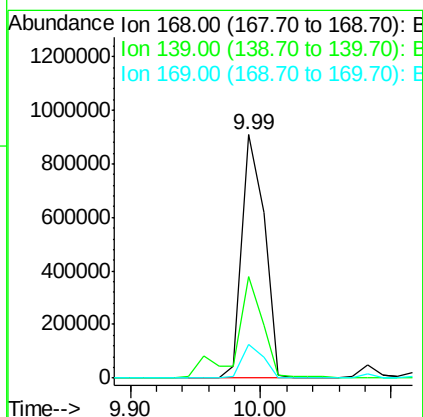
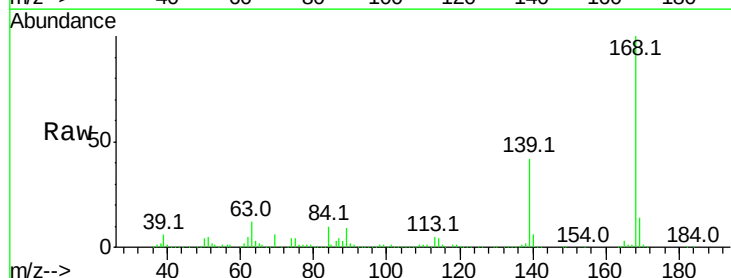
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

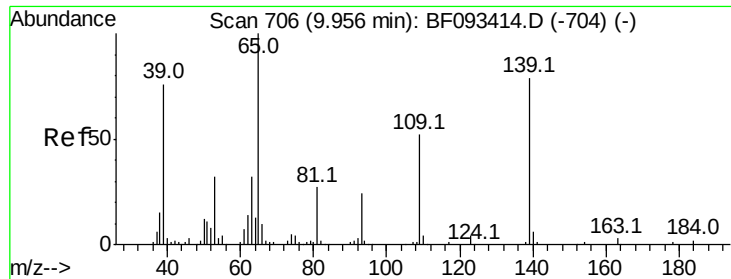
Tot Ion:184 Resp: 122549
 Ion Ratio Lower Upper
 184 100
 63 78.8 28.4 42.6#
 154 59.2 44.3 66.5



#54
 Dibenzofuran
 Concen: 43.94 ng
 RT: 9.99 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

Tgt Ion:168 Resp: 1087214
 Ion Ratio Lower Upper
 168 100
 139 41.7 32.6 49.0
 169 13.9 11.3 16.9

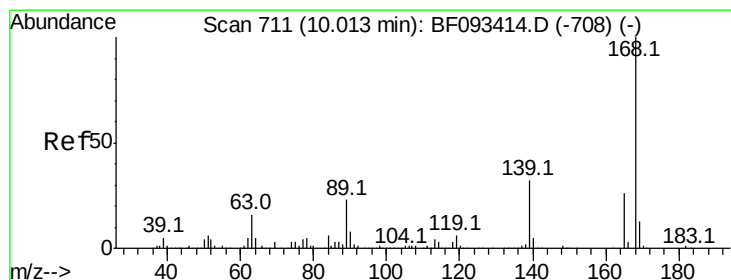
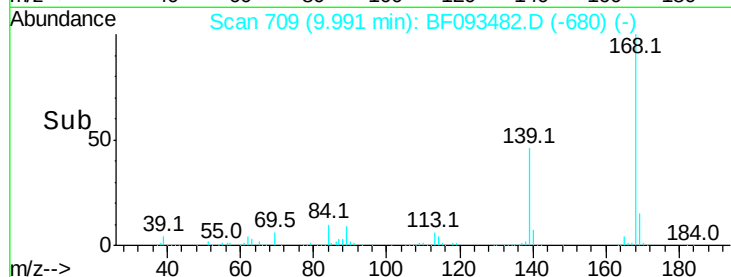
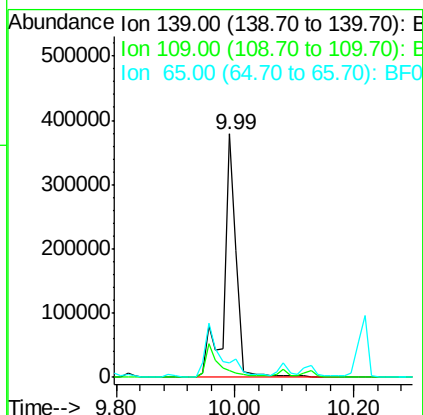
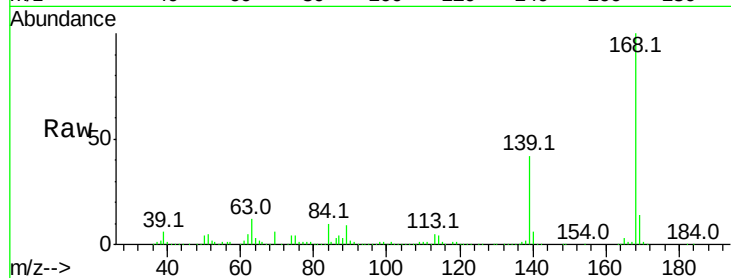




#55
4-Nitrophenol
Concen: 177.42 ng
RT: 9.99 min Scan# 709
Delta R.T. 0.03 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

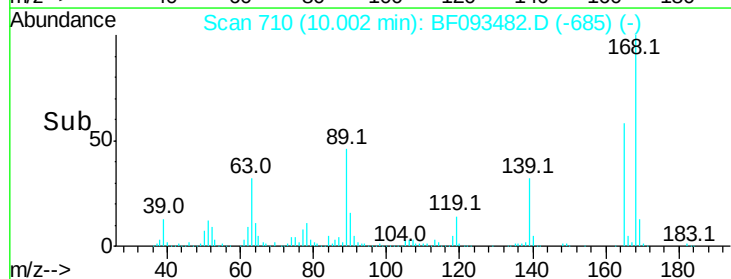
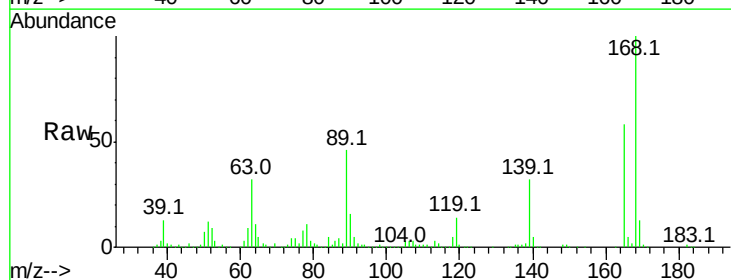
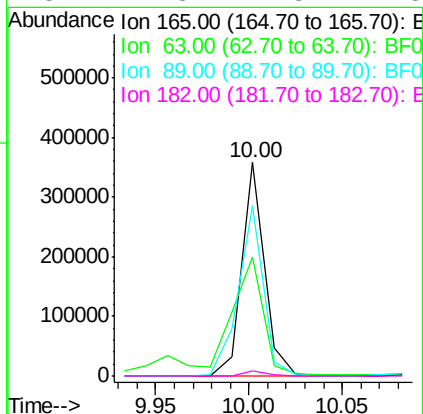
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

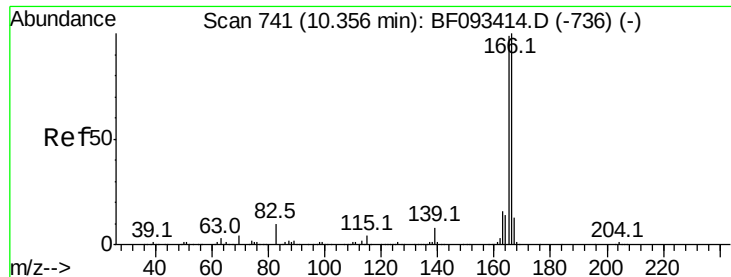
Tot Ion:139 Resp: 547526
Ion Ratio Lower Upper
139 100
109 2.8 52.2 92.2#
65 5.8 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 46.62 ng
RT: 10.00 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Tgt Ion:165 Resp: 302899
Ion Ratio Lower Upper
165 100
63 55.9 40.2 60.4
89 79.9 62.5 93.7
182 2.3 1.8 2.8





#57

Fluorene

Concen: 43.97 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

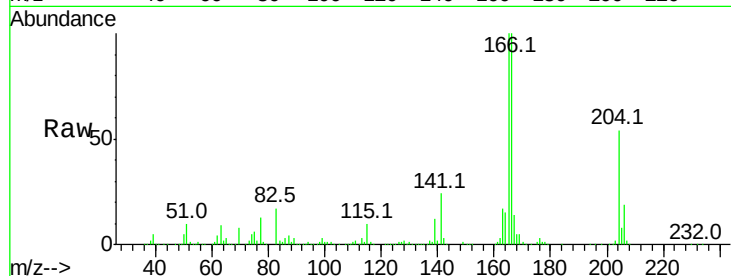
Tot Ion:166 Resp: 921937

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.8

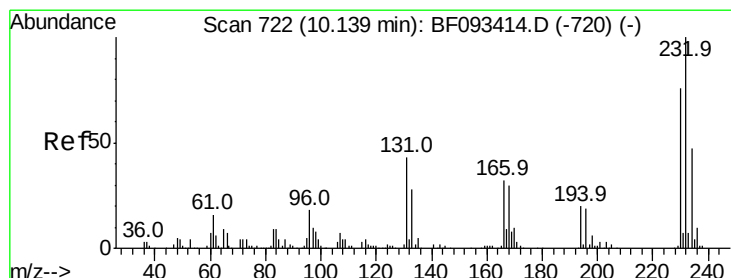
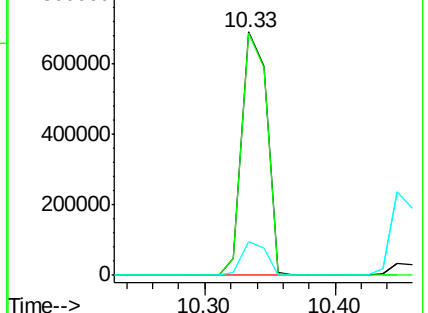
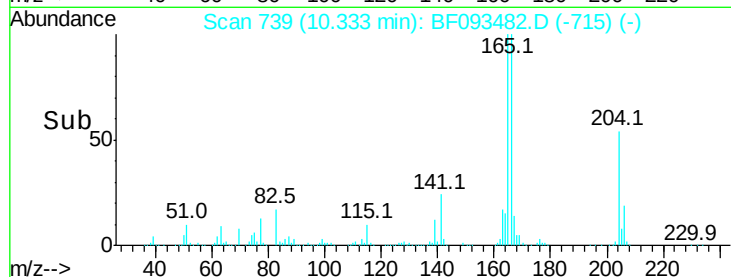
167 14.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.30 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Tgt Ion:232 Resp: 217467

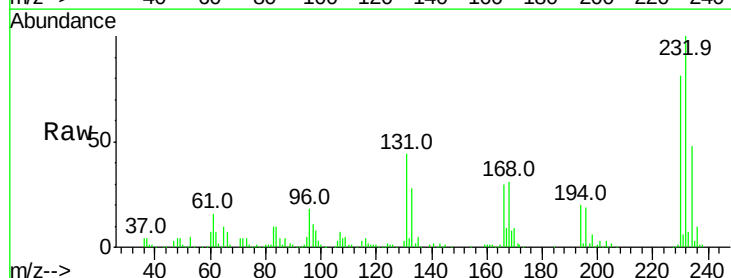
Ion Ratio Lower Upper

232 100

131 46.9 40.1 60.1

130 2.5 1.8 2.8

166 29.1 26.6 39.8

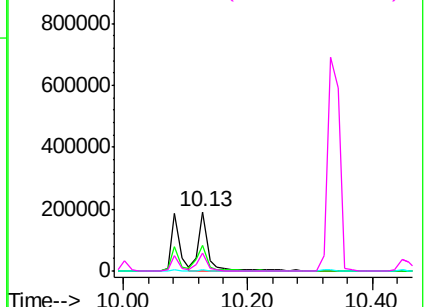
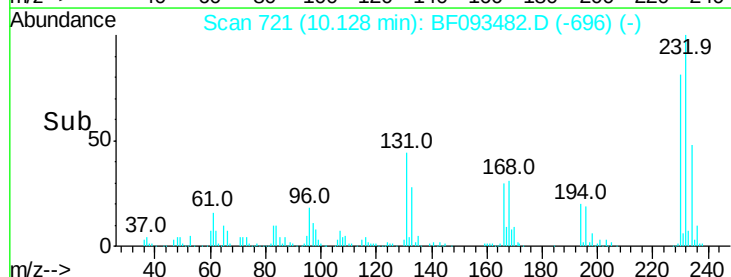


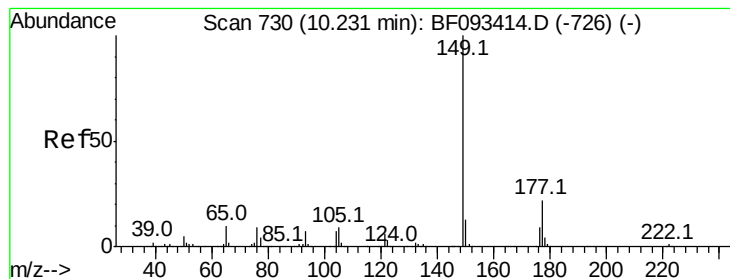
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.48 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

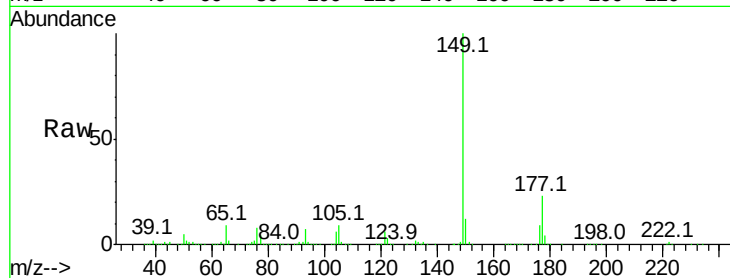
Tot Ion:149 Resp: 1070719

Ion Ratio Lower Upper

149 100

177 22.7 16.6 25.0

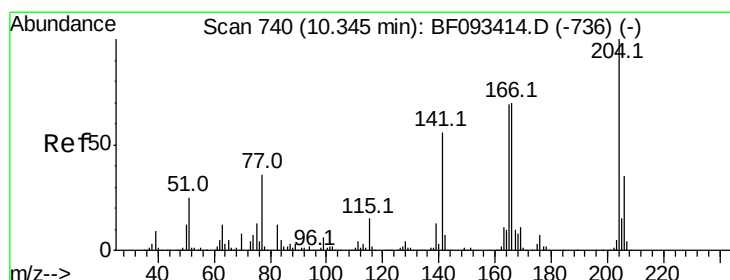
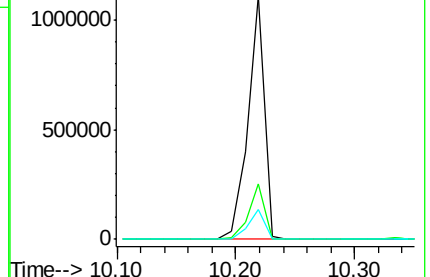
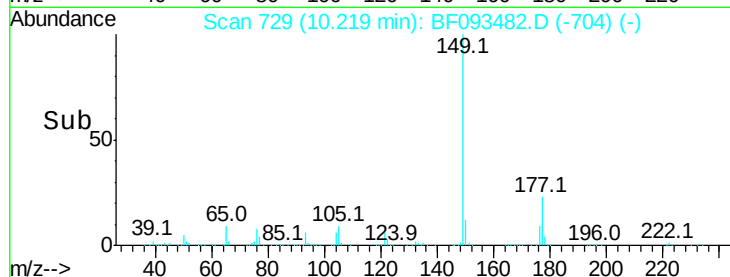
150 12.3 10.4 15.6



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: 47.17 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

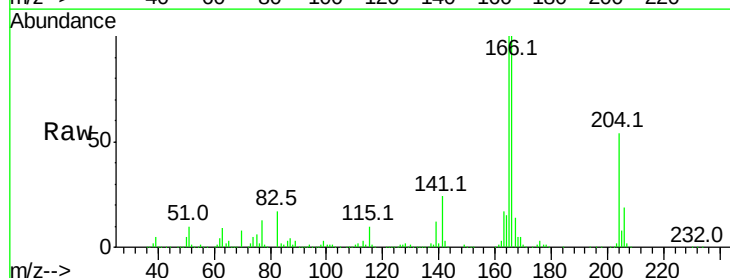
Tgt Ion:204 Resp: 443346

Ion Ratio Lower Upper

204 100

206 34.7 25.8 38.6

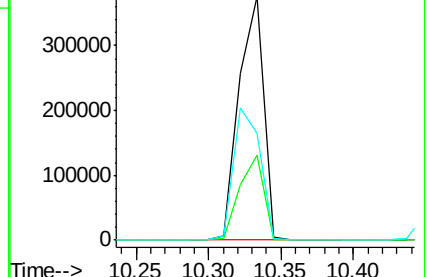
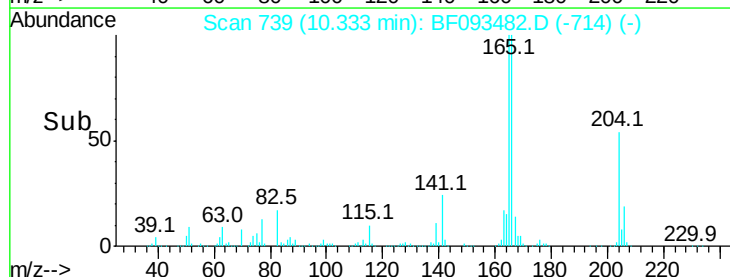
141 43.7 59.4 89.0#

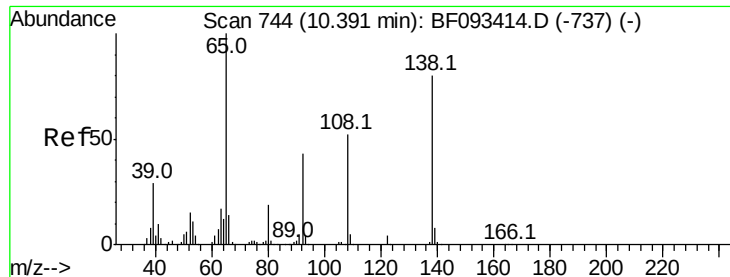


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.06 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

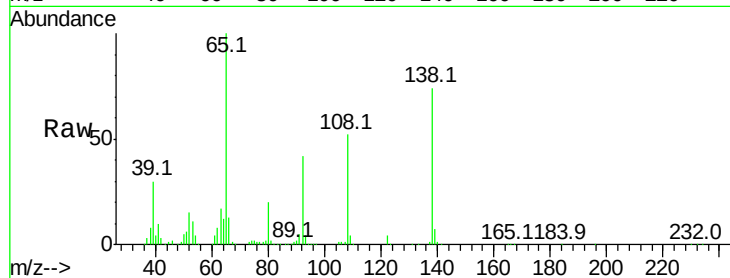
Tot Ion:138 Resp: 279834

Ion Ratio Lower Upper

138 100

92 57.0 31.7 71.7

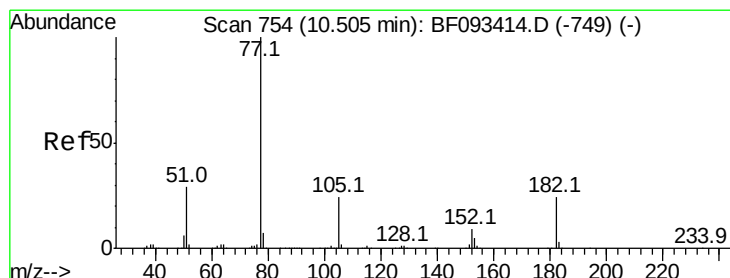
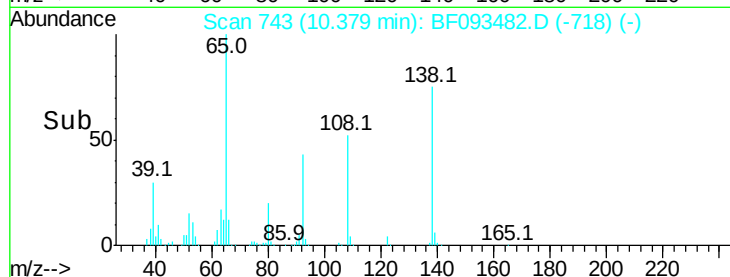
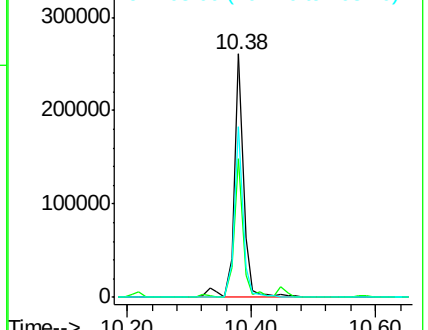
108 69.9 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.95 ng

RT: 10.49 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Tgt Ion: 77 Resp: 1255051

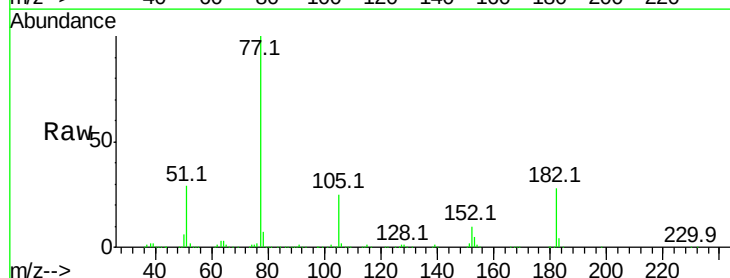
Ion Ratio Lower Upper

77 100

182 27.5 0.0 39.3

105 25.2 2.3 42.3

51 28.7 8.9 48.9

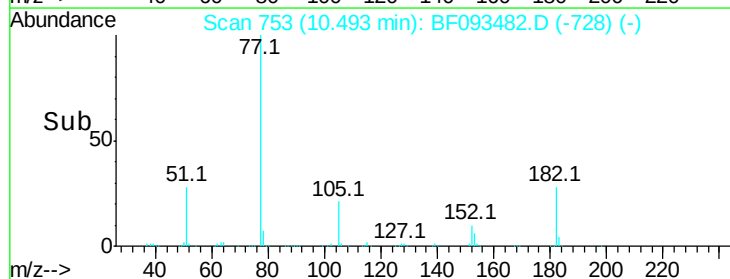
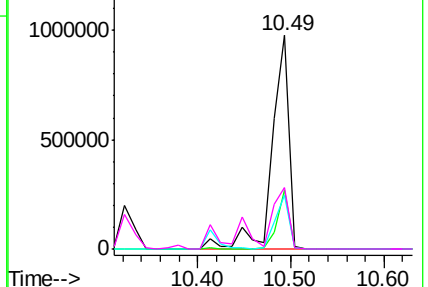


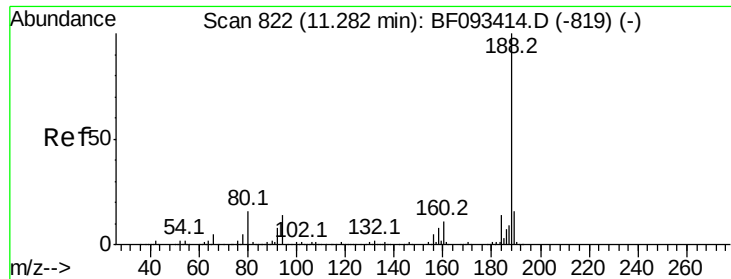
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

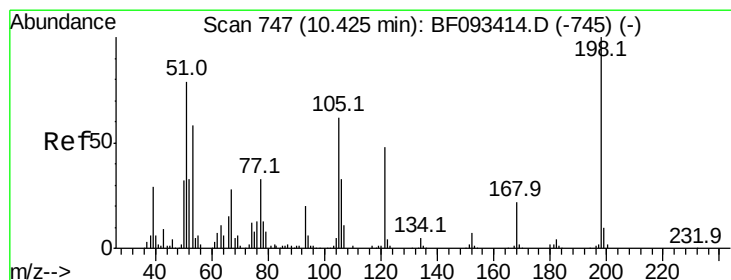
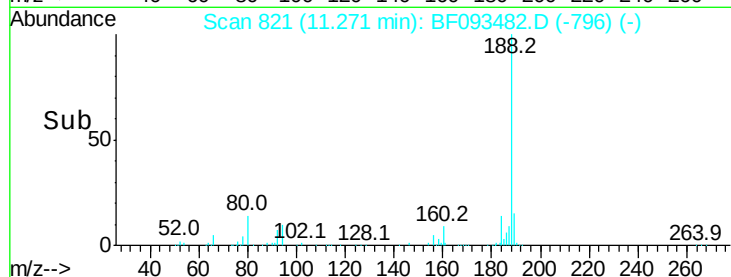
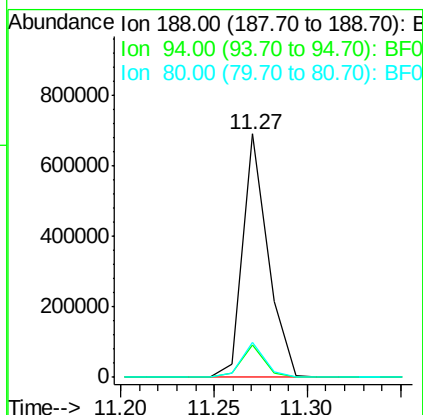
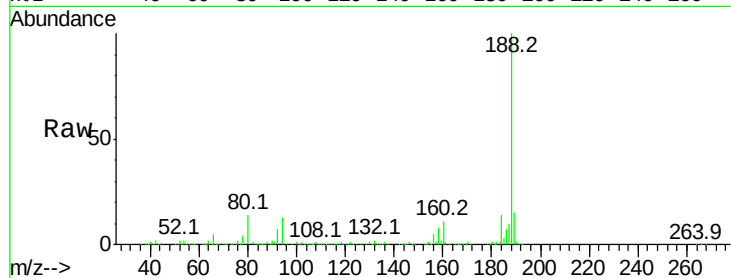




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

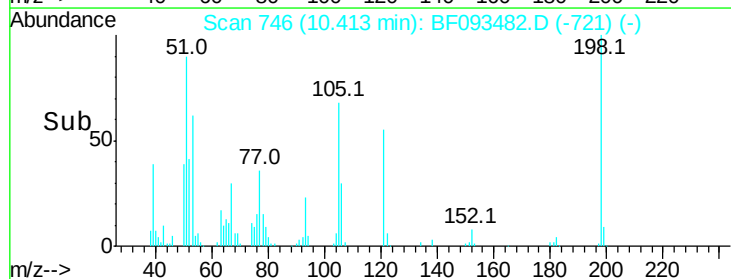
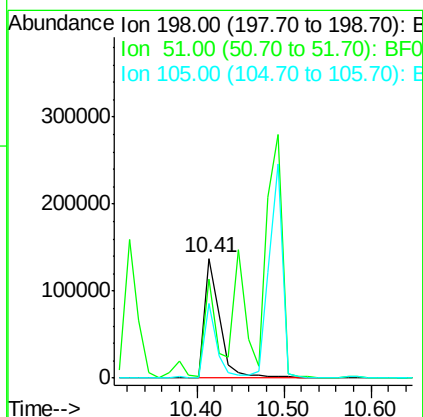
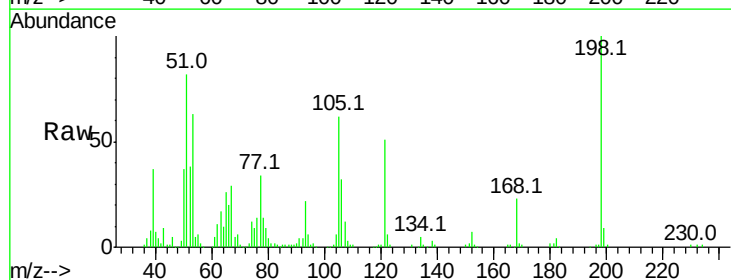
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

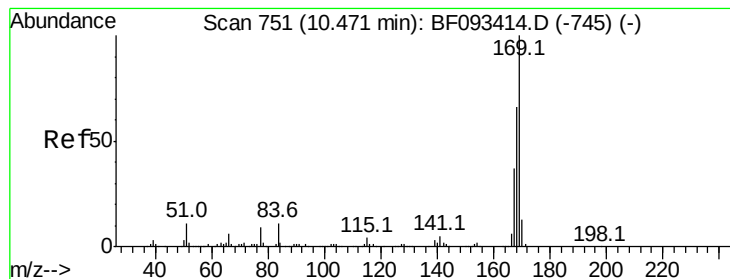
Tot Ion:188 Resp: 653040
Ion Ratio Lower Upper
188 100
94 13.4 10.0 15.0
80 14.4 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.21 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Tgt Ion:198 Resp: 170119
Ion Ratio Lower Upper
198 100
51 82.5 6.7 46.7#
105 62.2 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 37.41 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

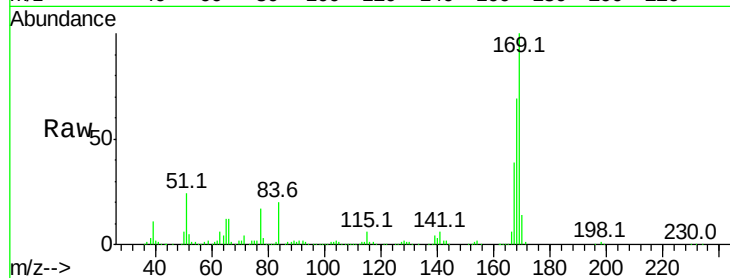
Tot Ion:169 Resp: 815686

Ion Ratio Lower Upper

169 100

168 69.4 54.2 81.2

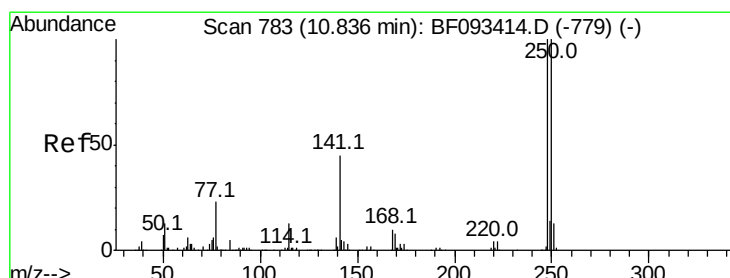
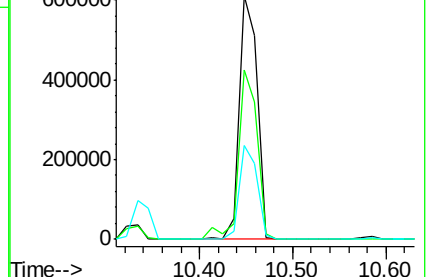
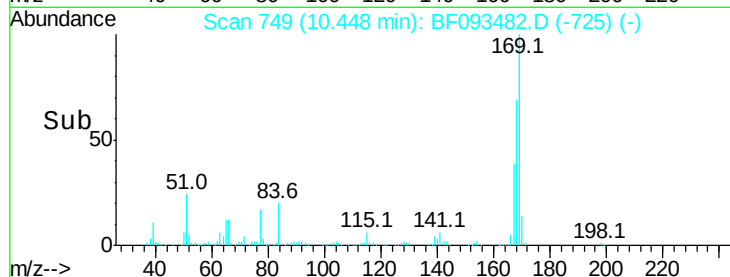
167 38.6 30.2 45.4



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: 35.72 ng

RT: 10.81 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

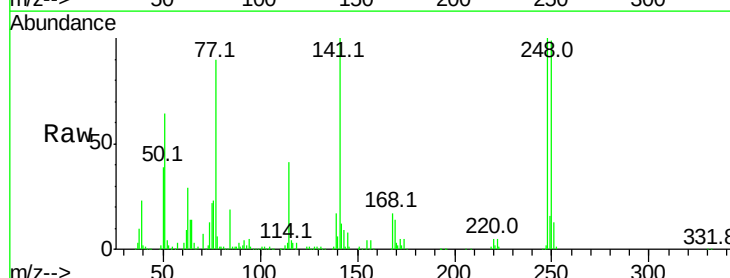
Tgt Ion:248 Resp: 246661

Ion Ratio Lower Upper

248 100

250 98.6 76.9 115.3

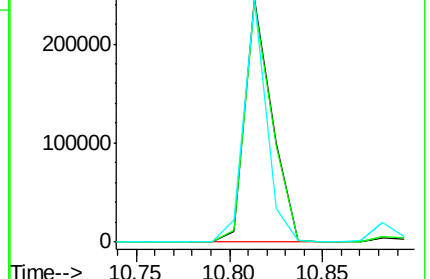
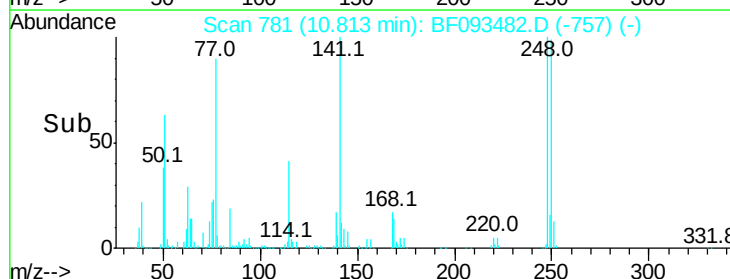
141 99.7 68.2 102.4

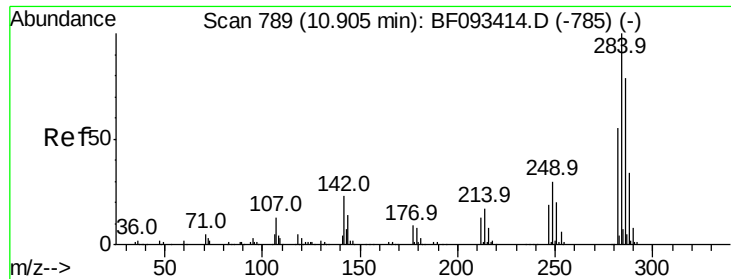


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.01 ng

RT: 10.89 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

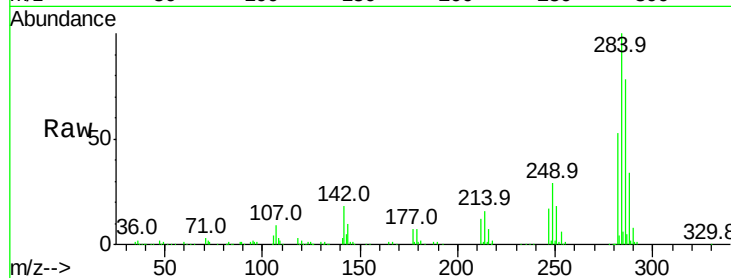
Tot Ion:284 Resp: 250629

Ion Ratio Lower Upper

284 100

142 17.9 22.6 33.8#

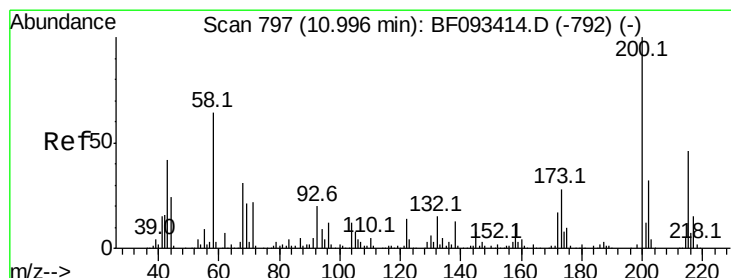
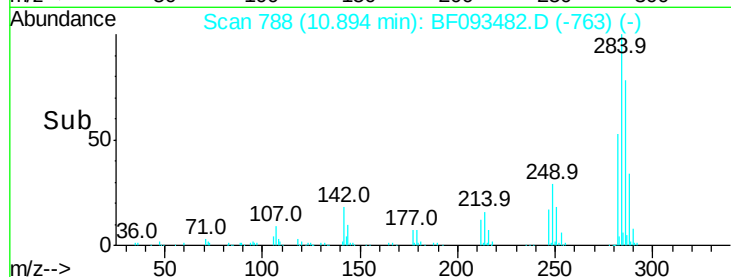
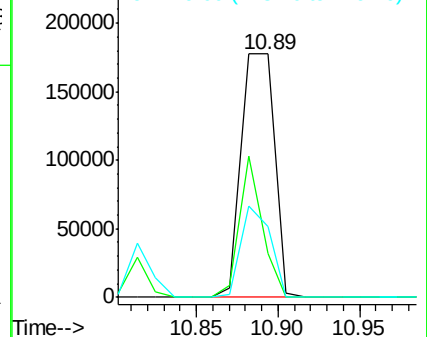
249 29.0 25.4 38.0



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: 44.73 ng

RT: 10.98 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

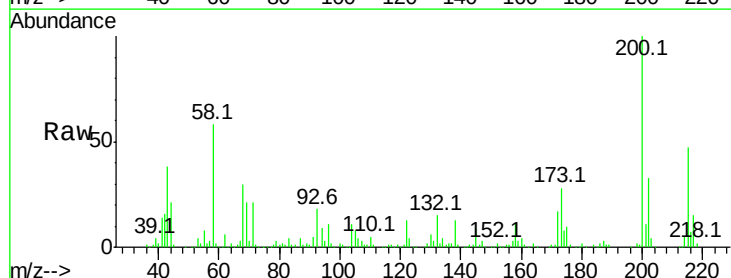
Tgt Ion:200 Resp: 285490

Ion Ratio Lower Upper

200 100

173 28.3 9.6 49.6

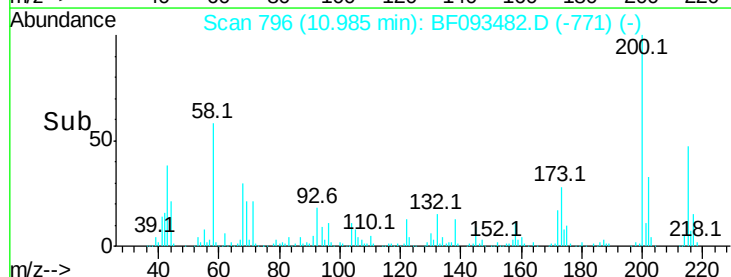
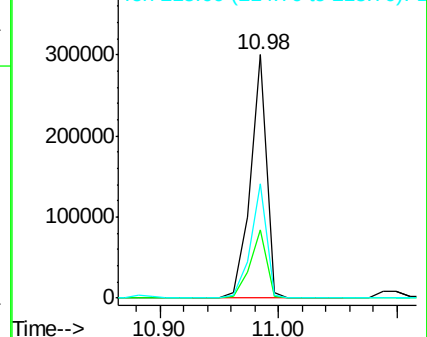
215 46.9 25.7 65.7

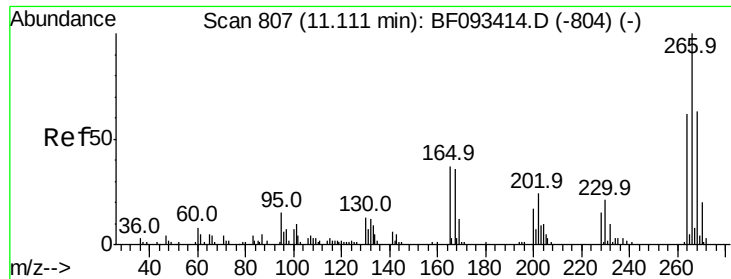


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

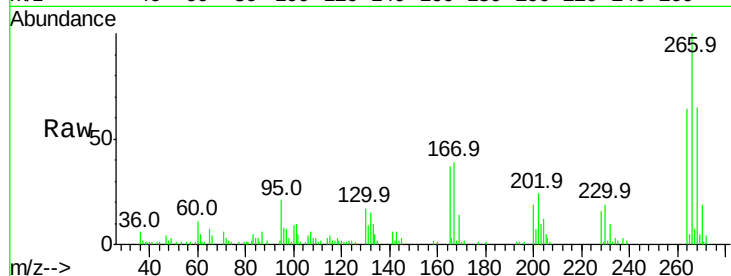




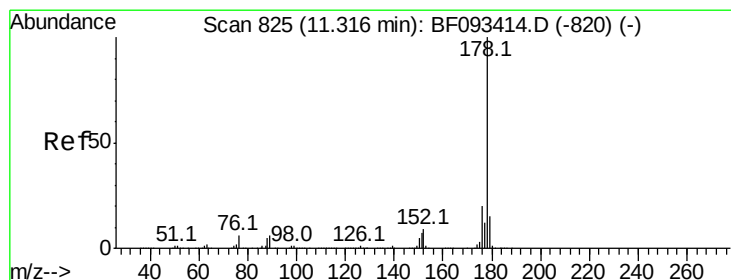
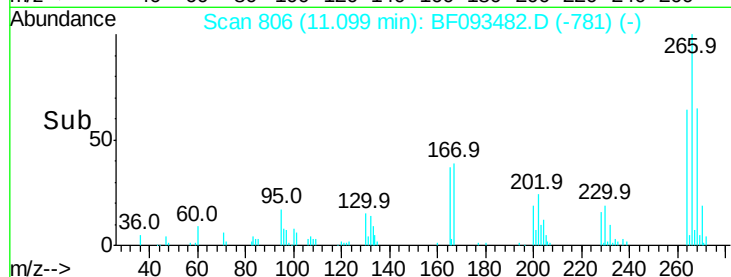
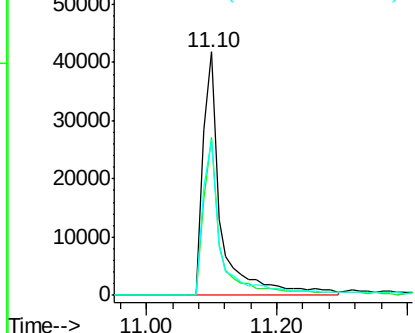
#69
 Pentachlorophenol
 Concen: 35.25 ng
 RT: 11.10 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 80255
 Ion Ratio Lower Upper
 266 100
 268 64.7 53.3 79.9
 264 63.9 50.3 75.5

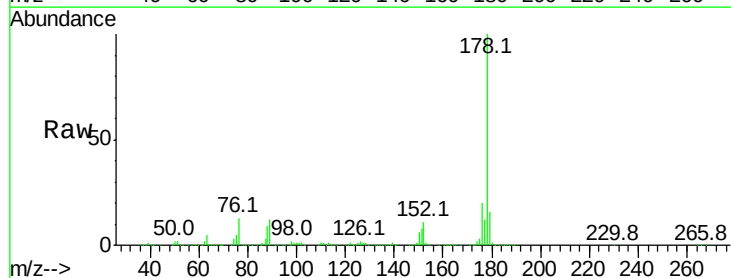


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

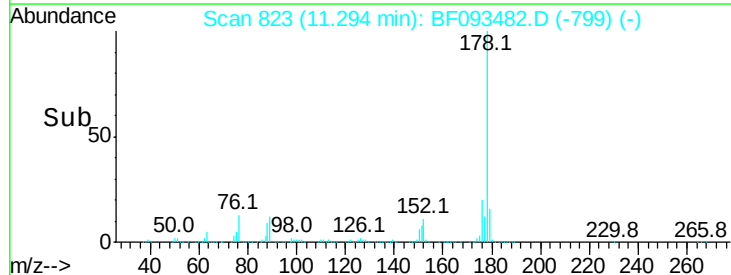
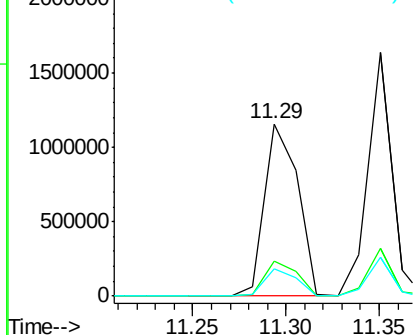


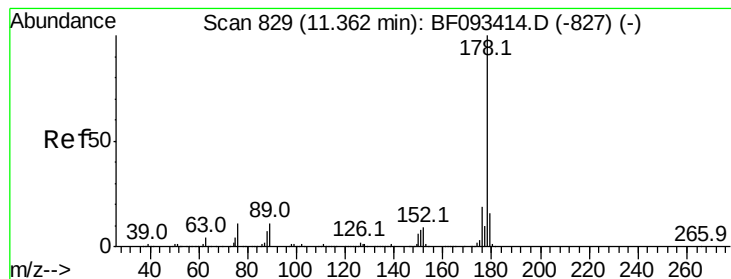
#70
 Phenanthrene
 Concen: 38.30 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

Tgt Ion:178 Resp: 1427722
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.7 12.8 19.2



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





#71

Anthracene

Concen: 38.43 ng

RT: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

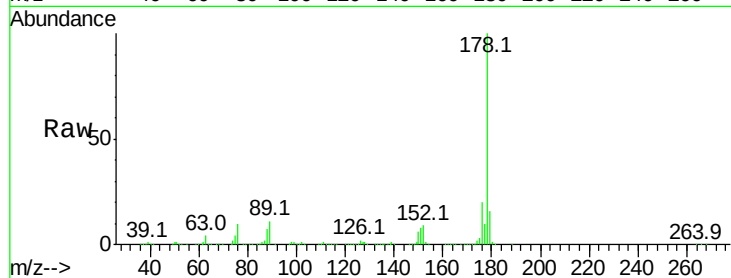
Tot Ion:178 Resp: 1449110

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

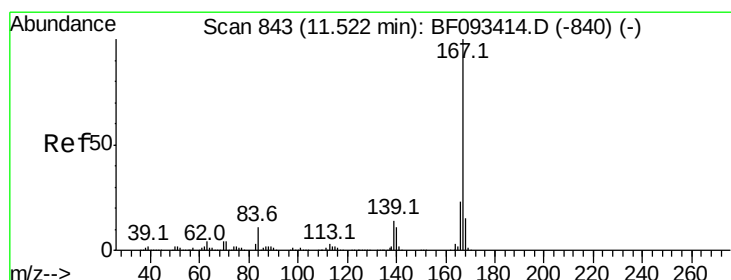
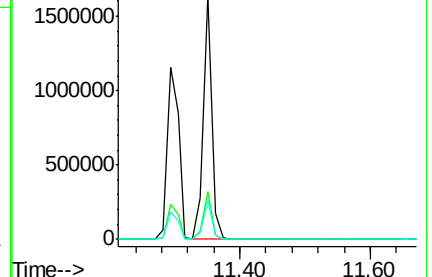
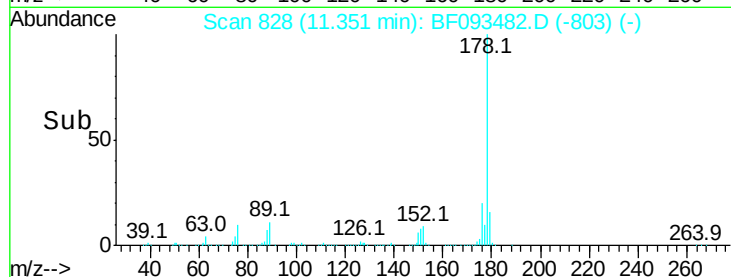
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.29 ng

RT: 11.51 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

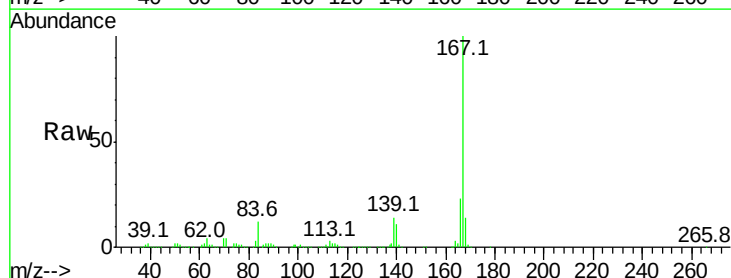
Tgt Ion:167 Resp: 1356213

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.2

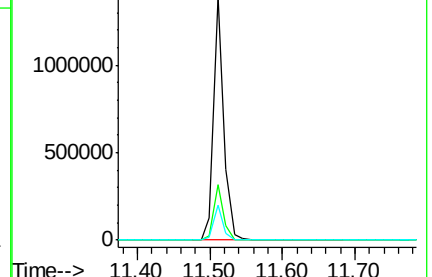
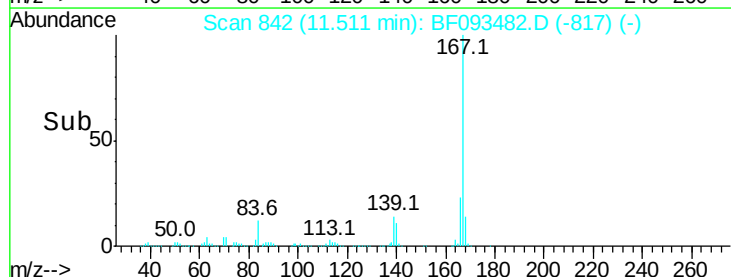
139 14.2 11.4 17.2

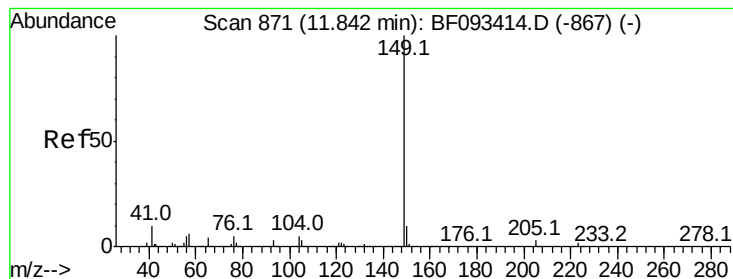


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.95 ng

RT: 11.83 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

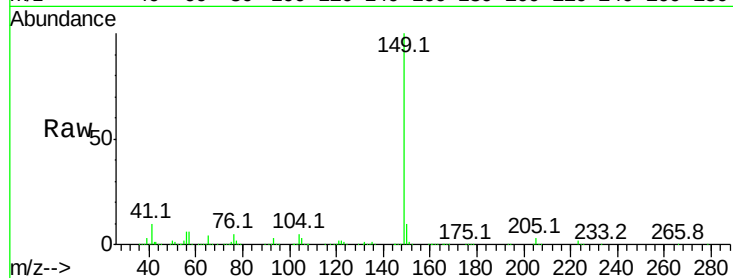
Tot Ion:149 Resp: 1514085

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

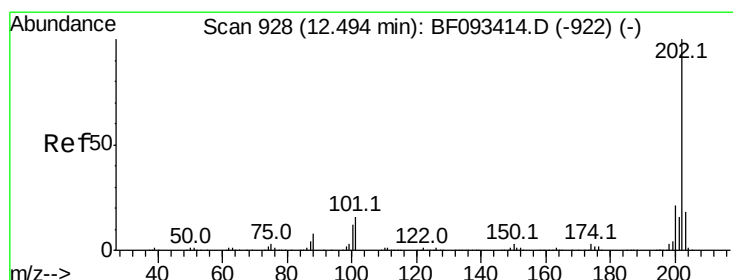
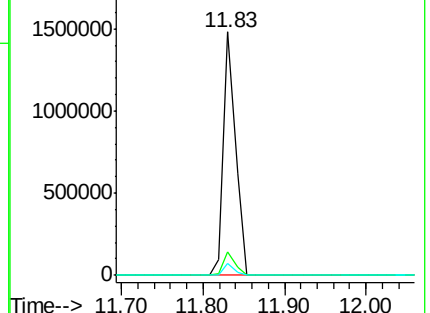
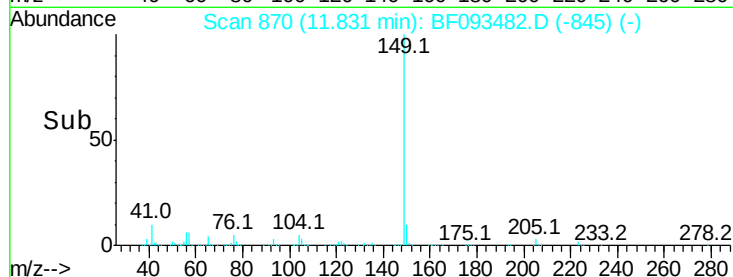
104 4.9 4.6 7.0



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: 39.70 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

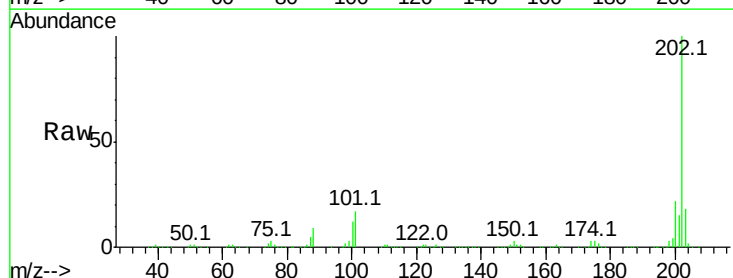
Tgt Ion:202 Resp: 1429553

Ion Ratio Lower Upper

202 100

101 17.0 0.0 34.6

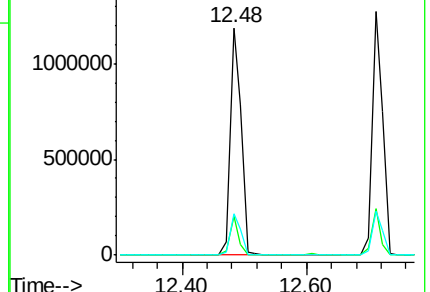
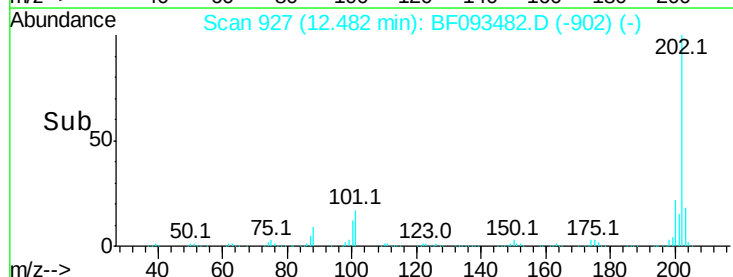
203 17.9 0.0 38.7

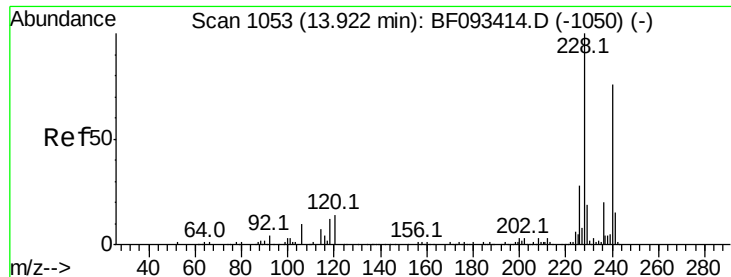


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

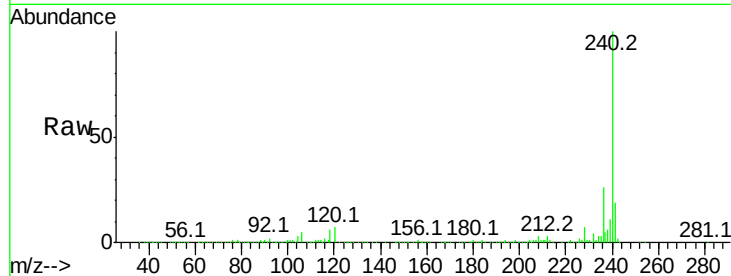
Tot Ion:240 Resp: 545500

Ion Ratio Lower Upper

240 100

120 7.3 12.9 19.3#

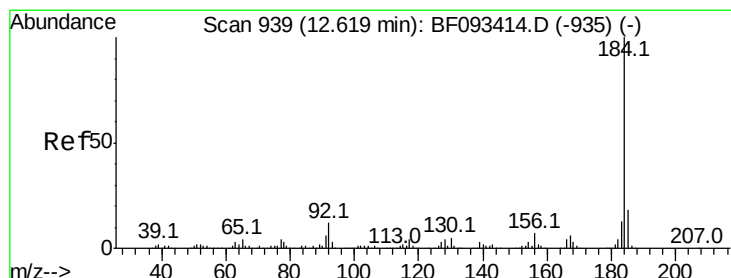
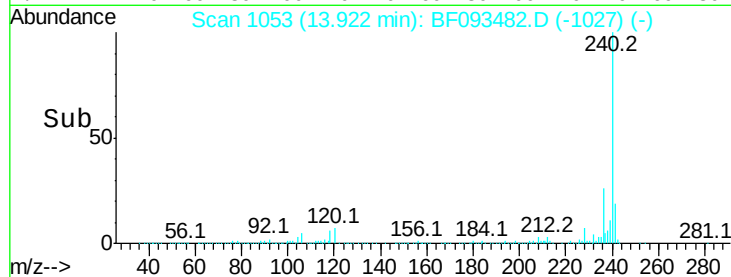
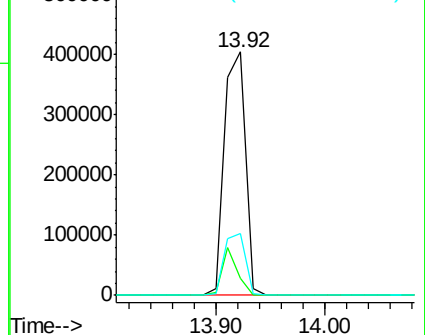
236 25.5 20.9 31.3



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: 45.94 ng

RT: 12.61 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

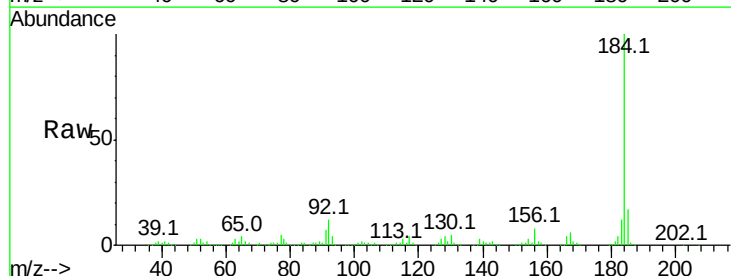
Tgt Ion:184 Resp: 824172

Ion Ratio Lower Upper

184 100

185 16.6 13.4 20.0

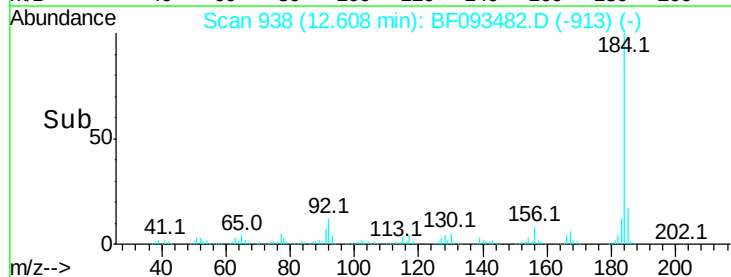
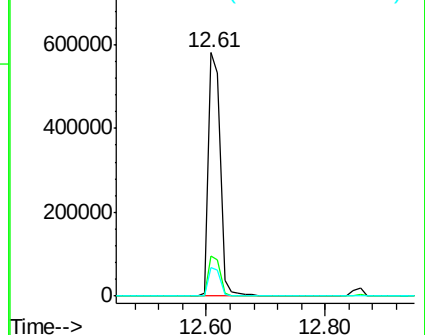
183 11.6 9.2 13.8

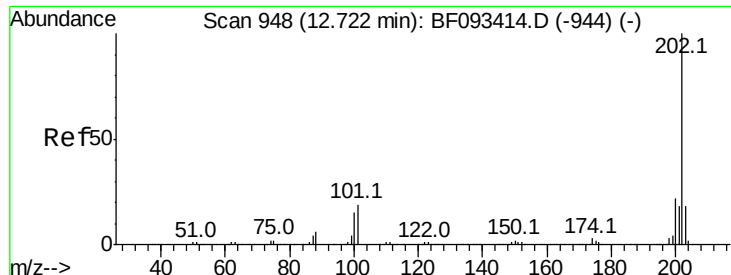


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

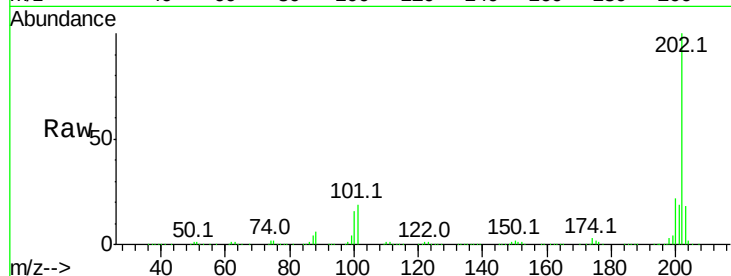




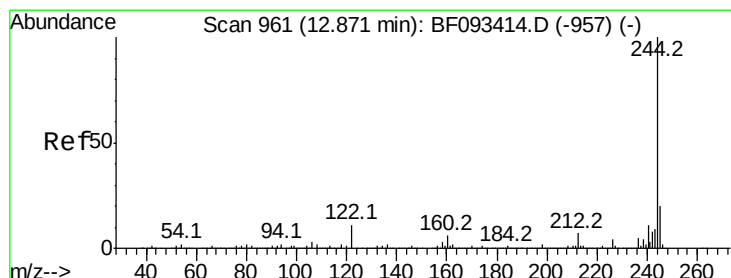
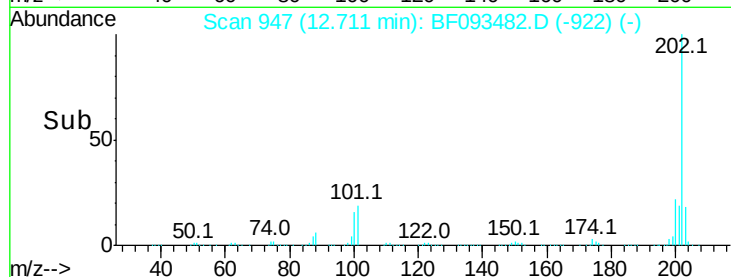
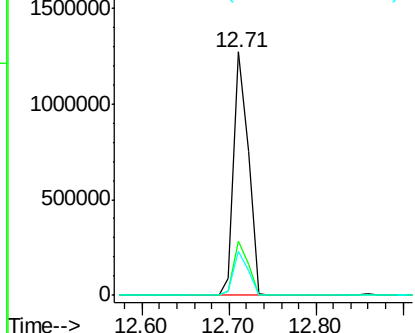
#77
Pvrene
Concen: 36.91 ng
RT: 12.71 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1464275
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 18.0 14.7 22.1

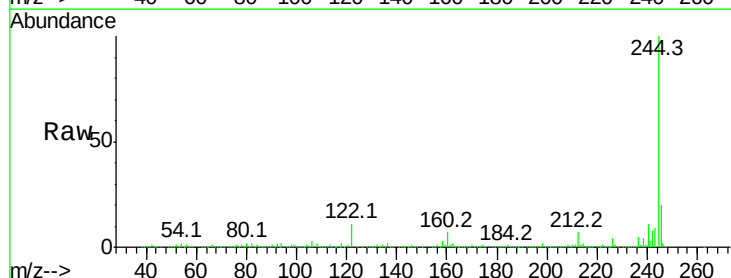


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

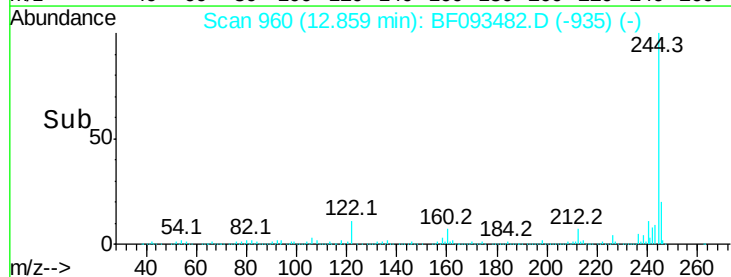
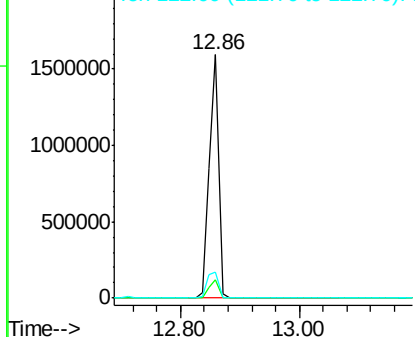


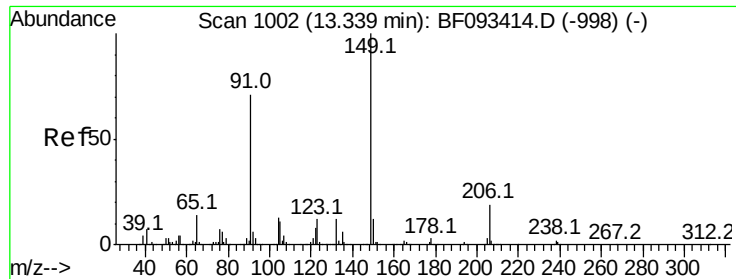
#78
Terphenyl-d14
Concen: 82.73 ng
RT: 12.86 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Tgt Ion:244 Resp: 1735718
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 10.6 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

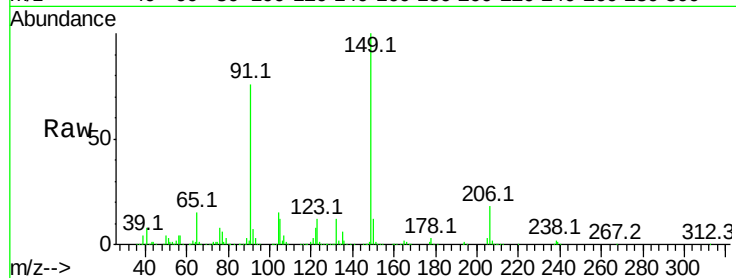




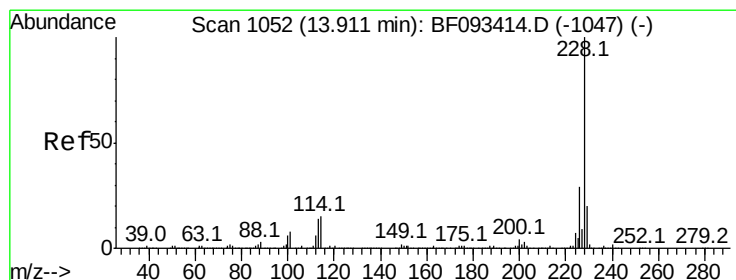
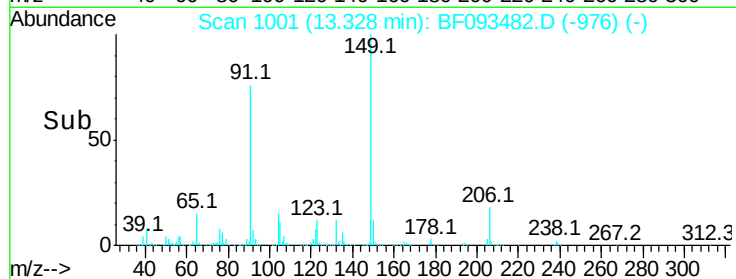
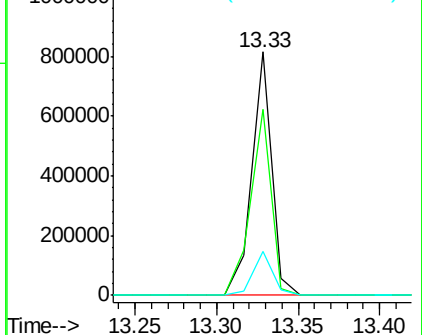
#79
Butylbenzylphthalate
Concen: 41.54 ng
RT: 13.33 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 693734
Ion Ratio Lower Upper
149 100
91 76.3 63.9 95.9
206 17.9 14.6 21.8

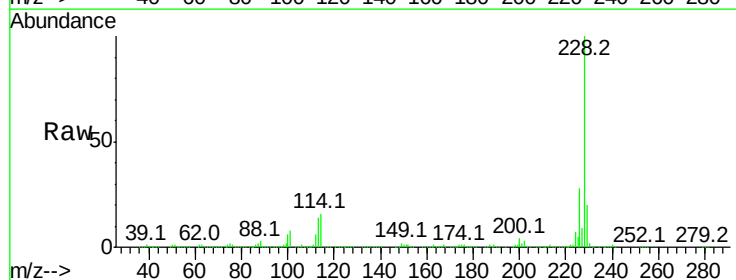


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

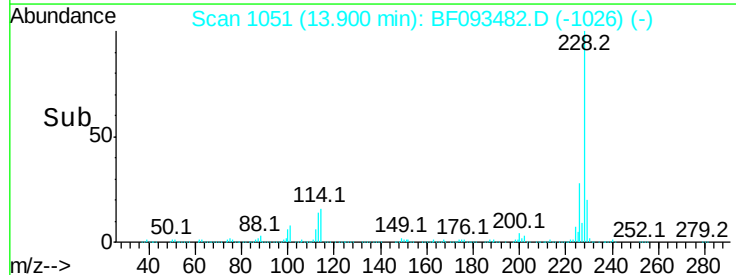
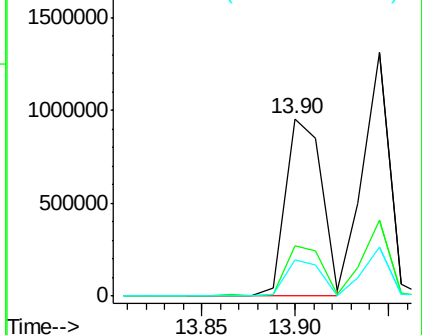


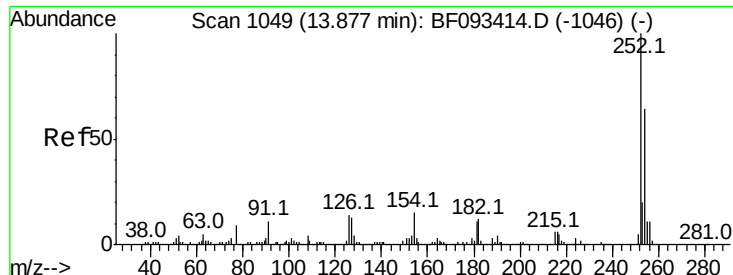
#80
Benzo(a)anthracene
Concen: 40.03 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Tgt Ion:228 Resp: 1289477
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 20.3 16.2 24.4



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

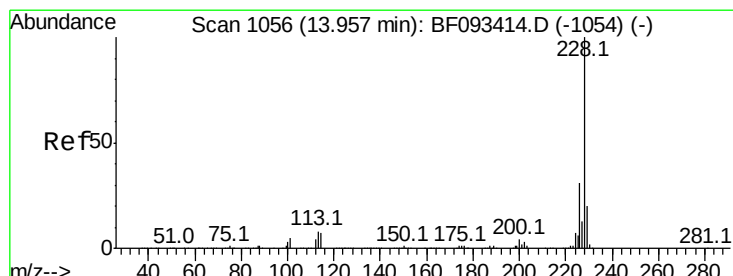
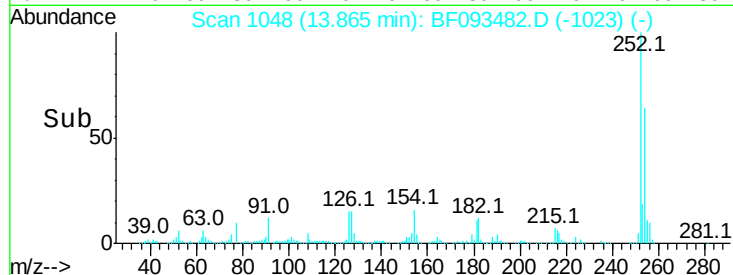
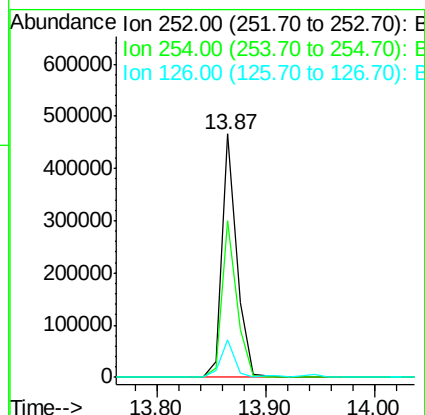
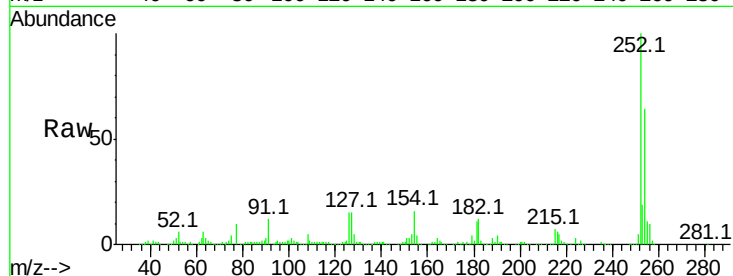




#81
 3,3'-Dichlorobenzidine
 Concen: 39.56 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

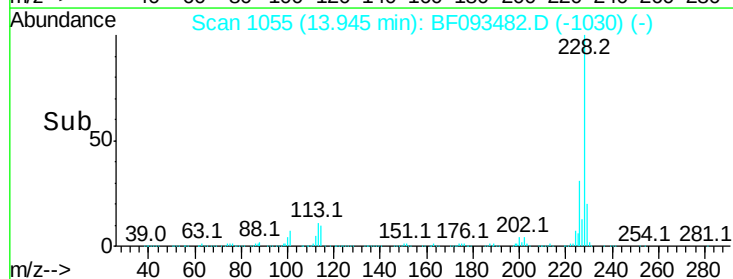
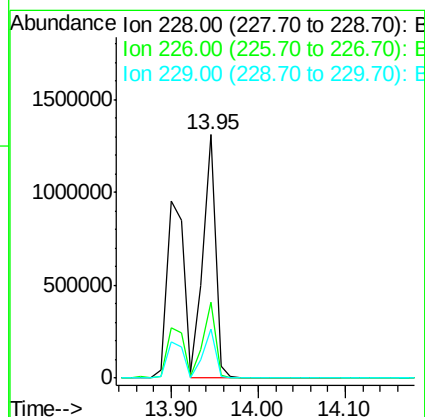
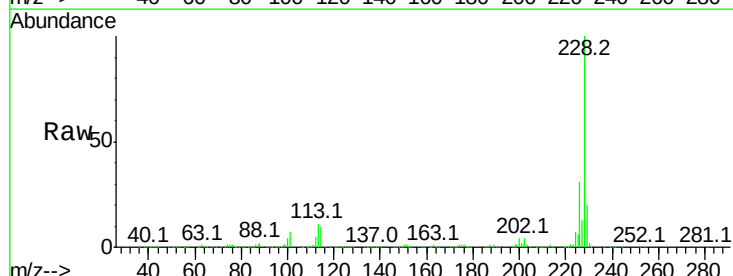
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

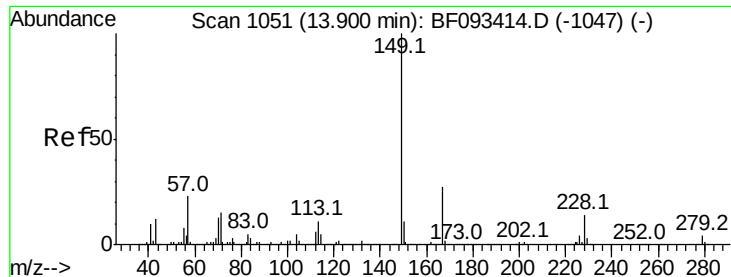
Tot Ion:252 Resp: 446326
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.3 78.5
 126 15.4 13.6 20.4



#82
 Chrysene
 Concen: 43.64 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

Tgt Ion:228 Resp: 1300555
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.1 16.2 24.2

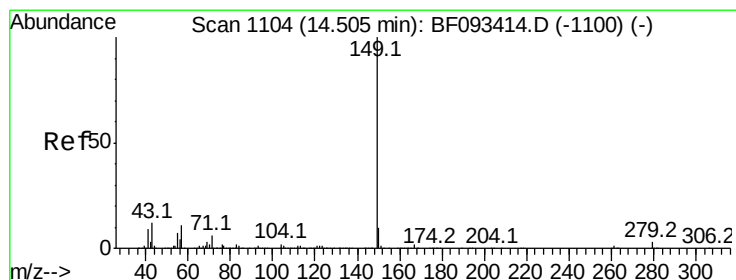
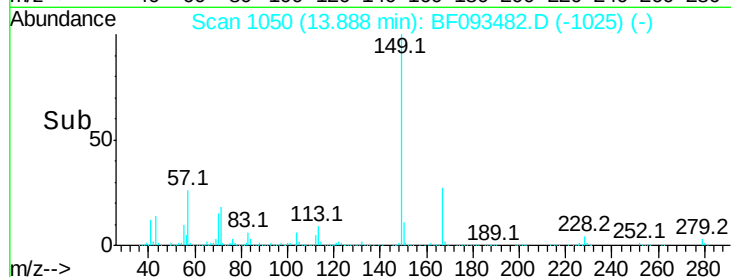
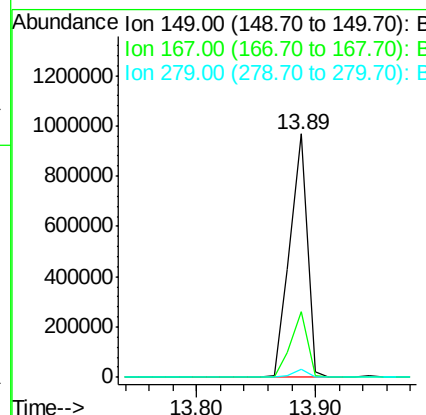
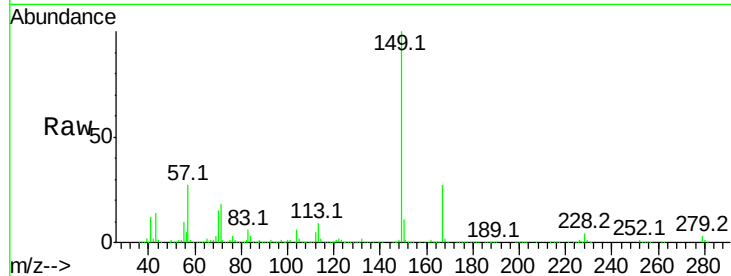




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.14 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

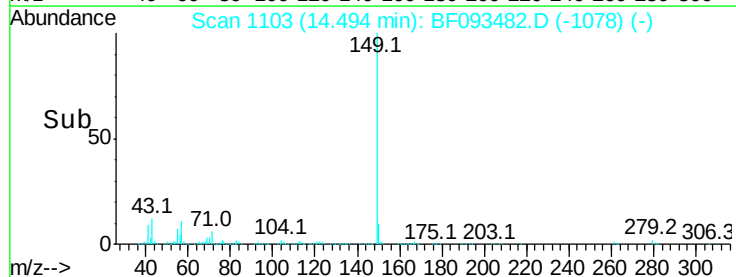
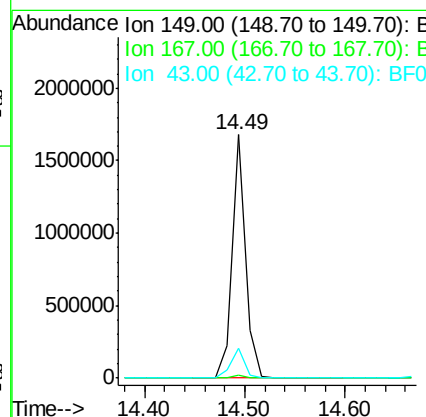
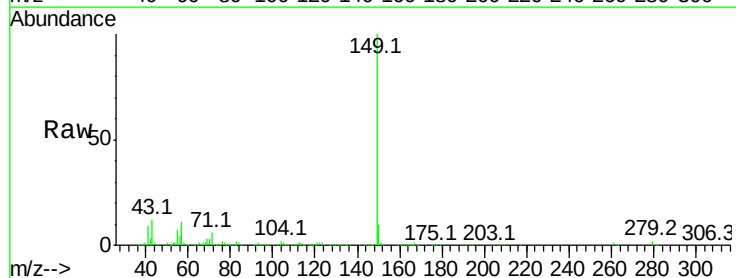
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

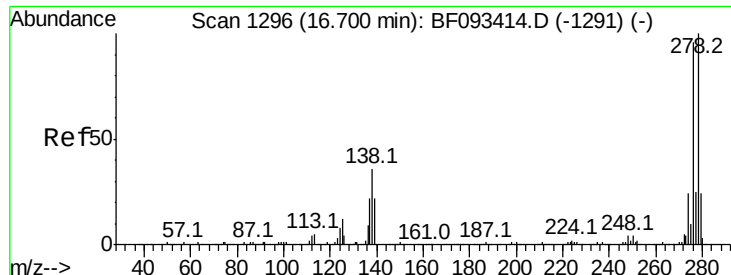
Tot Ion:149 Resp: 981028
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.2 30.4
 279 3.4 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 39.76 ng
 RT: 14.49 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

Tgt Ion:149 Resp: 1542580
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.6 8.9 13.3

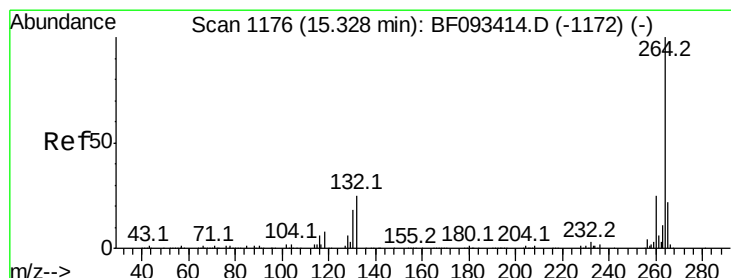
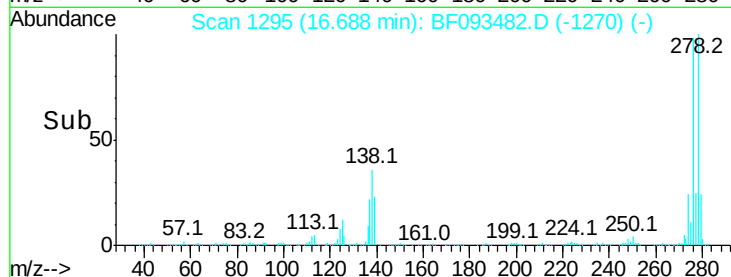
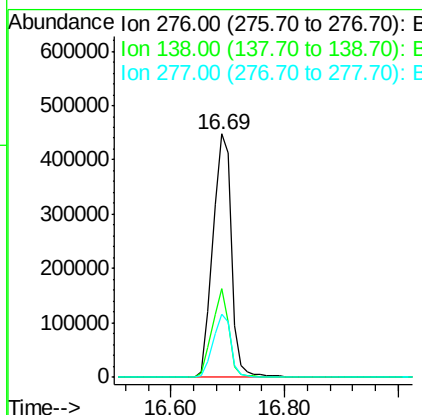
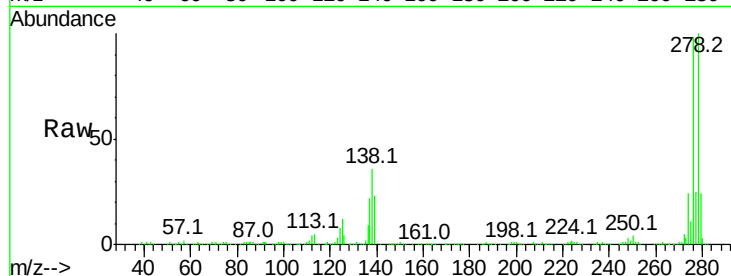




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.38 ng
 RT: 16.69 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

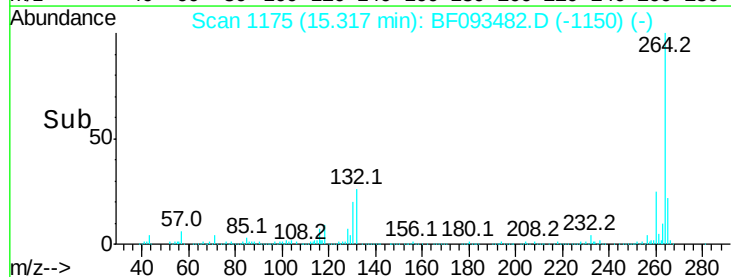
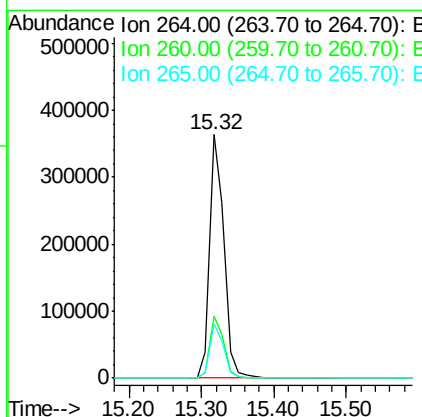
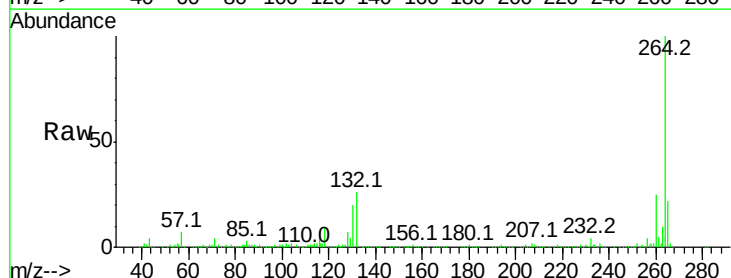
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

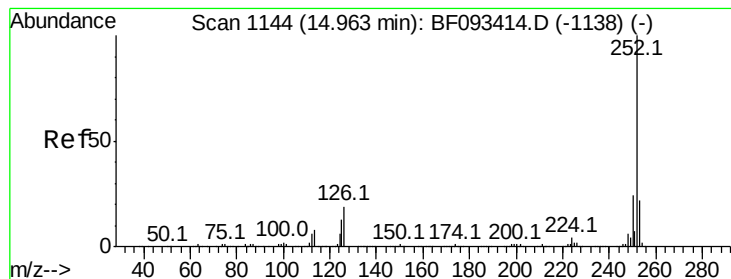
Tot Ion:276 Resp: 1007545
 Ion Ratio Lower Upper
 276 100
 138 32.8 21.8 32.6#
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

Tgt Ion:264 Resp: 497253
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.2 28.8
 265 22.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 75.15 ng

RT: 14.93 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

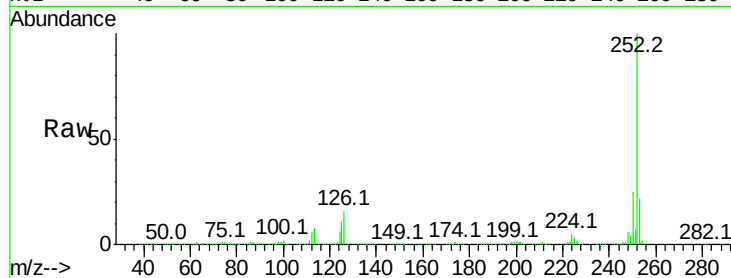
Tot Ion:252 Resp: 2276016

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

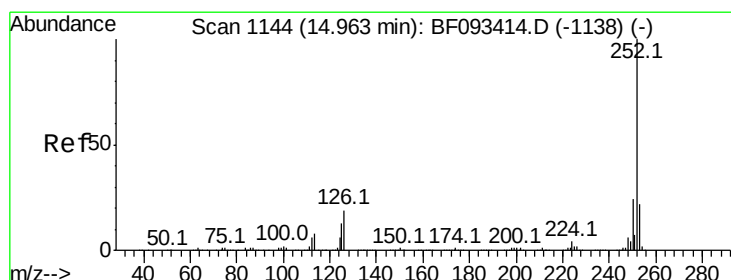
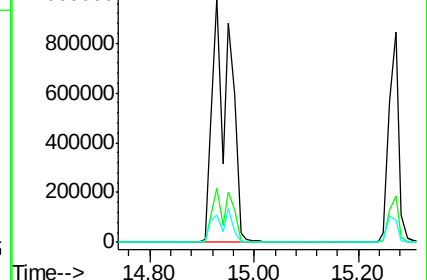
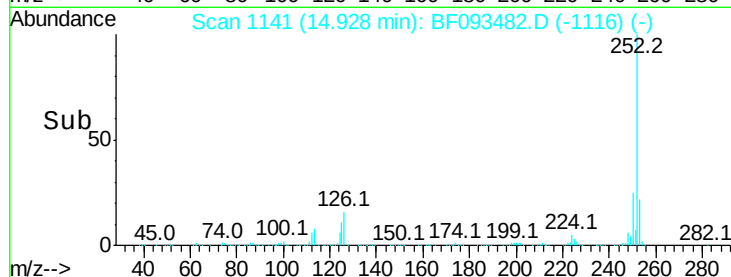
125 11.4 9.8 14.6



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: 77.93 ng

RT: 14.93 min Scan# 1141

Delta R.T. -0.03 min

Lab File: BF093482.D

Acq: 9 Mar 2017 18:22

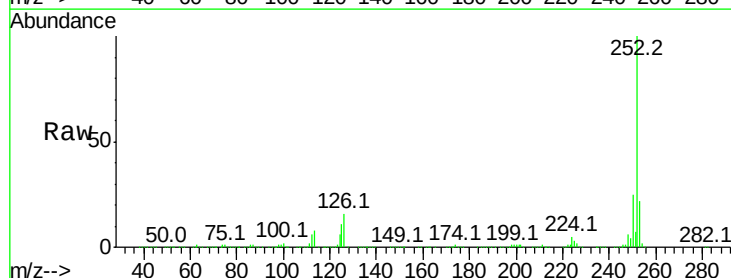
Tgt Ion:252 Resp: 2276016

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

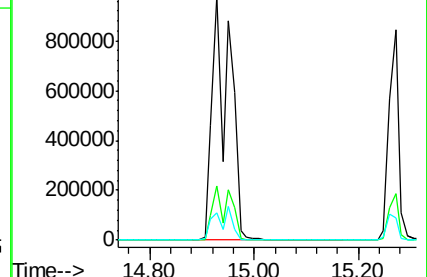
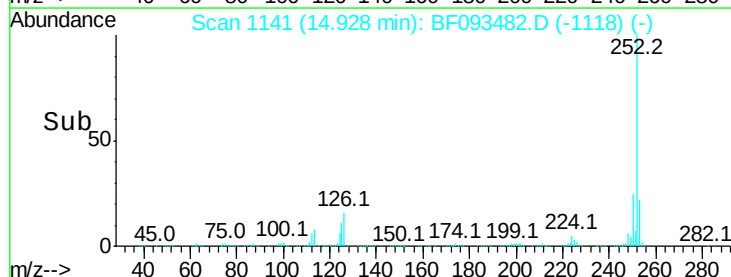
125 11.4 8.9 13.3

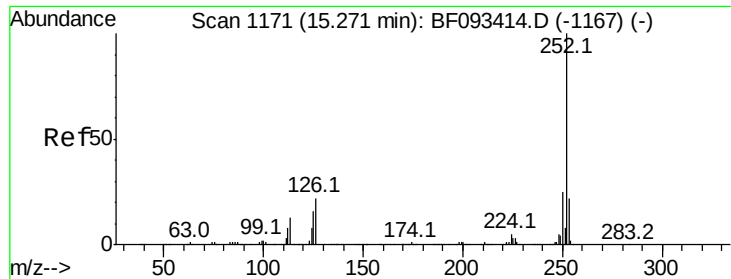


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

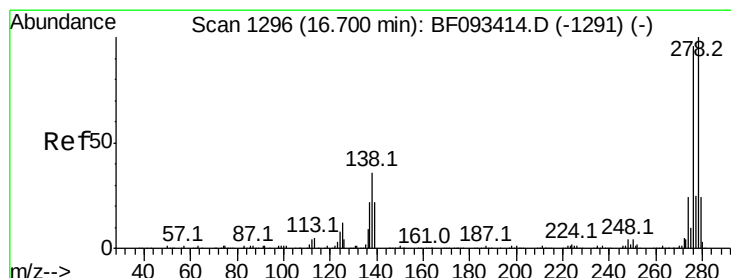
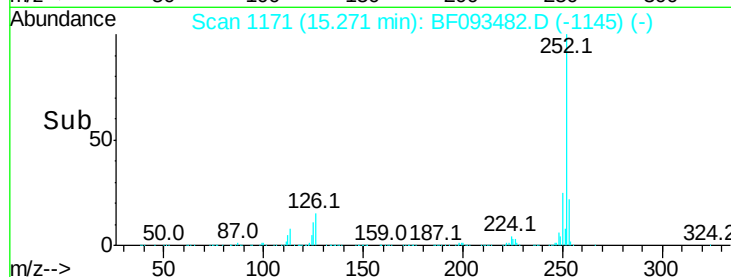
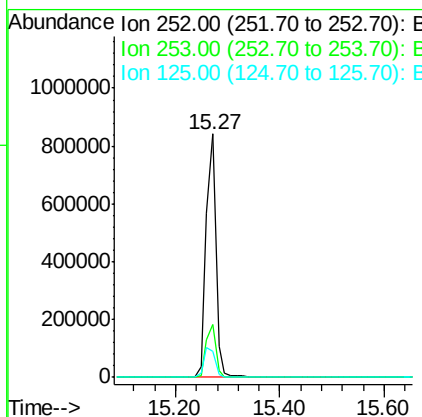
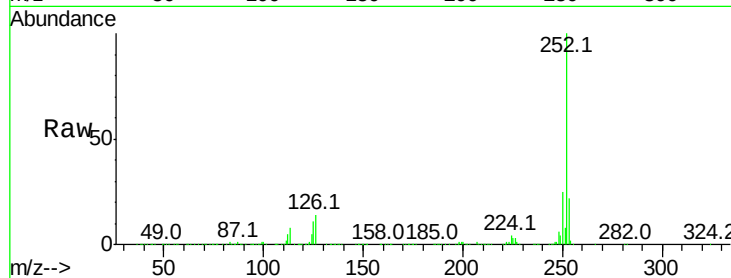




#89
Benzo(a)pyrene
Concen: 39.62 ng
RT: 15.27 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

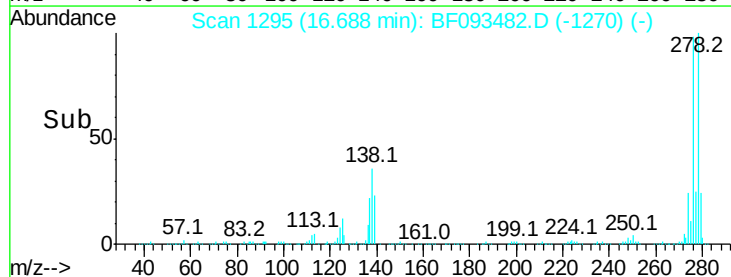
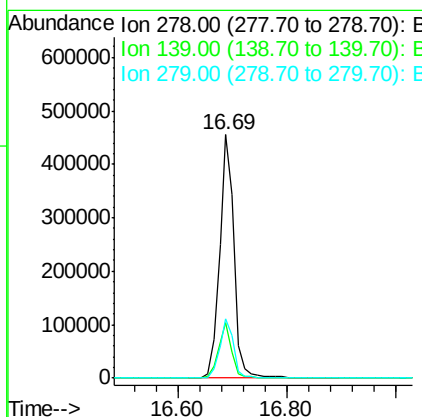
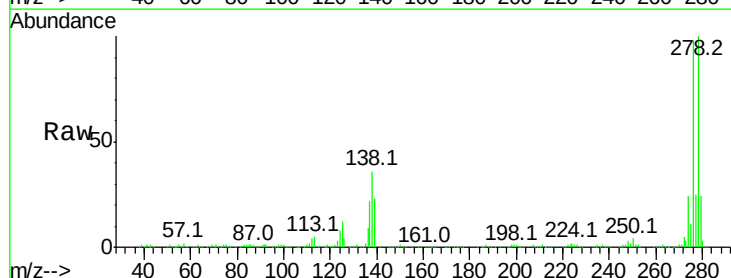
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

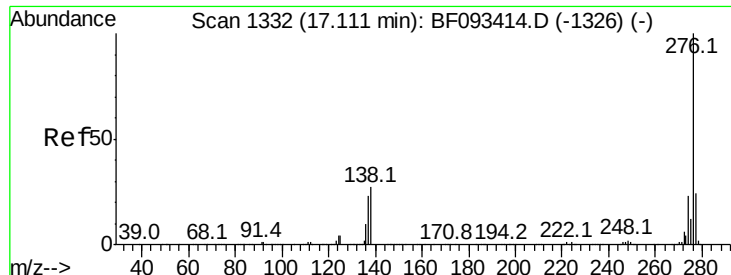
Tot Ion:252 Resp: 1096557
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 10.8 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 37.24 ng
RT: 16.69 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF093482.D
Acq: 9 Mar 2017 18:22

Tgt Ion:278 Resp: 852765
Ion Ratio Lower Upper
278 100
139 22.7 14.8 22.2#
279 24.2 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 36.72 ng
 RT: 17.10 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF093482.D
 Acq: 9 Mar 2017 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	27.4	16.0	24.0

