

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093430.D
 Acq On : 8 Mar 2017 15:53
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 08 16:59:56 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	6.77	152	197620	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	793527	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	381205	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	700534	20.00	ng	0.01
75) Chrysene-d12	13.93	240	550057	20.00	ng	0.01
86) Perylene-d12	15.35	264	516867	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	981116	82.63	ng	0.00
7) Phenol-d6	6.41	99	1175963	78.54	ng	0.00
23) Nitrobenzene-d5	7.34	82	1209549	84.57	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	212959	85.75	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1715078	83.68	ng	0.00
78) Terphenyl-d14	12.87	244	1754545	82.93	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	271622	41.53	ng	# 85
3) Pyridine	2.97	79	731391	43.86	ng	91
4) n-Nitrosodimethylamine	2.94	42	331668	41.64	ng	88
6) Aniline	6.42	93	786374	38.27	ng	# 66
8) 2-Chlorophenol	6.55	128	511429	38.44	ng	93
9) Benzaldehyde	6.31	77	385837	43.86	ng	88
10) Phenol	6.44	94	696347	37.95	ng	92
11) bis(2-Chloroethyl)ether	6.50	93	561043	37.83	ng	92
12) 1,3-Dichlorobenzene	6.94	146	549758	36.10	ng	96
13) 1,4-Dichlorobenzene	6.78	146	597106	38.30	ng	99
14) 1,2-Dichlorobenzene	6.94	146	560351	40.59	ng	95
15) Benzyl Alcohol	6.93	79	421649	39.50	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	994406	40.37	ng	83
17) 2-Methylphenol	7.04	107	433781	38.55	ng	# 92
18) Hexachloroethane	7.27	117	208208	39.60	ng	# 88
19) n-Nitroso-di-n-propylamine	7.19	70	382634	37.17	ng	92
20) 3+4-Methylphenols	7.20	107	599164	41.06	ng	# 76
22) Acetophenone	7.19	105	766824	40.16	ng	# 97
24) Nitrobenzene	7.36	77	633842	39.43	ng	100
25) Isophorone	7.60	82	1133656	39.31	ng	94
26) 2-Nitrophenol	7.68	139	306987	41.86	ng	91
27) 2,4-Dimethylphenol	7.73	122	493703	41.38	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	730762	40.14	ng	99
29) 2,4-Dichlorophenol	7.93	162	437236	38.96	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	478574	40.10	ng	96
31) Naphthalene	8.08	128	1582339	39.79	ng	99
32) Benzoic acid	7.89	122	209217	33.75	ng	97
33) 4-Chloroaniline	8.14	127	658469	40.80	ng	100
34) Hexachlorobutadiene	8.20	225	243957	39.68	ng	97
35) Caprolactam	8.53	113	150379	39.23	ng	# 29
36) 4-Chloro-3-methylphenol	8.63	107	468525	39.11	ng	96
37) 2-Methylnaphthalene	8.77	142	967952	38.26	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	470454	45.20	ng	100
40) Hexachlorocyclopentadiene	8.92	237	88560	40.71	ng	96

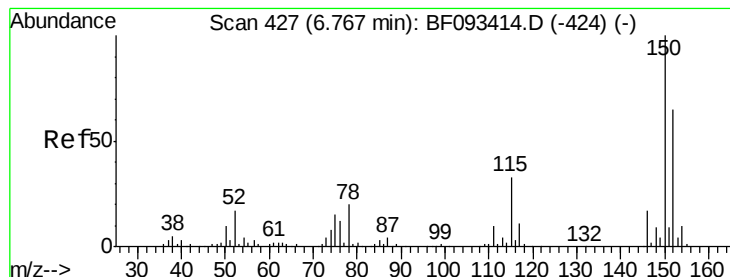
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093430.D
 Acq On : 8 Mar 2017 15:53
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	287543	44.21	nq	91
43) 2,4,5-Trichlorophenol	9.11	196	310559	44.50	nq #	87
45) 1,1'-Biphenyl	9.24	154	1260810	45.40	nq	99
46) 2-Chloronaphthalene	9.26	162	986646	46.42	nq	99
47) 2-Nitroaniline	9.36	65	335996	44.71	nq	91
48) Acenaphthylene	9.67	152	1464074	41.76	nq	99
49) Dimethylphthalate	9.53	163	1081647	42.80	nq	98
50) 2,6-Dinitrotoluene	9.61	165	261632	47.18	nq #	84
51) Acenaphthene	9.84	154	887936	42.83	nq	97
52) 3-Nitroaniline	9.78	138	309731	46.49	nq #	79
53) 2,4-Dinitrophenol	9.90	184	136733	54.14	nq #	51
54) Dibenzofuran	10.01	168	1169740	45.08	nq	96
55) 4-Nitrophenol	9.97	139	133442	41.24	nq	85
56) 2,4-Dinitrotoluene	10.01	165	282185	41.42	nq #	58
57) Fluorene	10.36	166	996280	45.31	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	224955	45.68	nq	96
59) Diethylphthalate	10.23	149	978524	40.51	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	438595	44.50	nq	91
61) 4-Nitroaniline	10.40	138	317456	46.59	nq	82
62) Azobenzene	10.50	77	1221282	44.50	nq	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	176065	38.79	nq	89
65) n-Nitrosodiphenylamine	10.47	169	873627	37.35	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	281584	38.01	nq #	88
67) Hexachlorobenzene	10.90	284	259650	36.71	nq #	88
68) Atrazine	11.00	200	264287	38.60	nq	99
69) Pentachlorophenol	11.11	266	101007	41.36	nq	98
70) Phenanthrene	11.32	178	1411380	35.30	nq	100
71) Anthracene	11.37	178	1587952	39.26	nq	98
72) Carbazole	11.53	167	1559529	41.04	nq	99
73) Di-n-butylphthalate	11.85	149	1694948	38.56	nq #	98
74) Fluoranthene	12.50	202	1424977	36.89	nq	99
76) Benzidine	12.63	184	785023	43.40	nq	99
77) Pyrene	12.73	202	1476172	36.90	nq	99
79) Butylbenzylphthalate	13.35	149	744748	44.22	nq	87
80) Benzo(a)anthracene	13.92	228	1246282	38.37	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	451684	39.70	nq #	98
82) Chrysene	13.97	228	1253233	41.70	nq	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	957819	40.81	nq #	99
84) Di-n-octyl phthalate	14.52	149	1586085	40.54	nq	98
85) Indeno(1,2,3-cd)pyrene	16.73	276	1096704	43.59	nq #	94
87) Benzo(b)fluoranthene	14.95	252	2345014	74.49	nq	99
88) Benzo(k)fluoranthene	14.95	252	2345628	77.27	nq	99
89) Benzo(a)pyrene	15.29	252	1125416	39.12	nq	99
90) Dibenzo(a,h)anthracene	16.73	278	933476	39.22	nq	98
91) Benzo(g,h,i)perylene	17.13	276	960494	39.32	nq #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

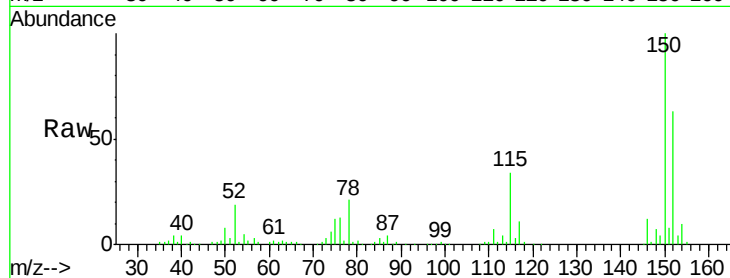
Tot Ion:152 Resp: 197620

Ion Ratio Lower Upper

152 100

150 158.6 124.9 187.3

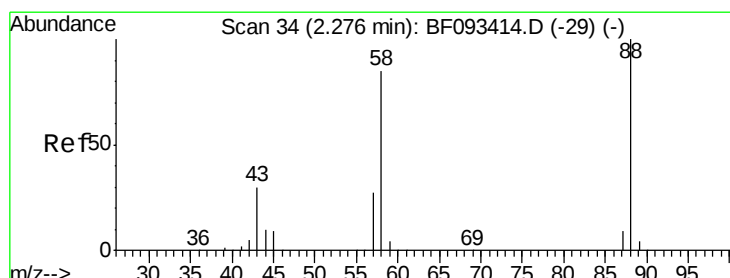
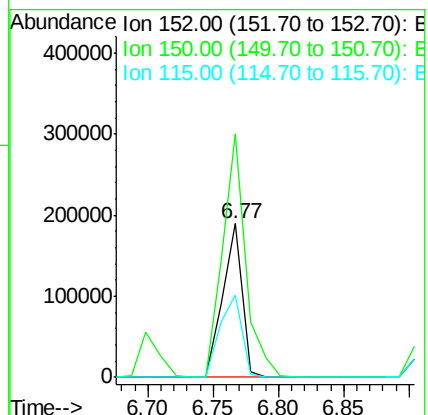
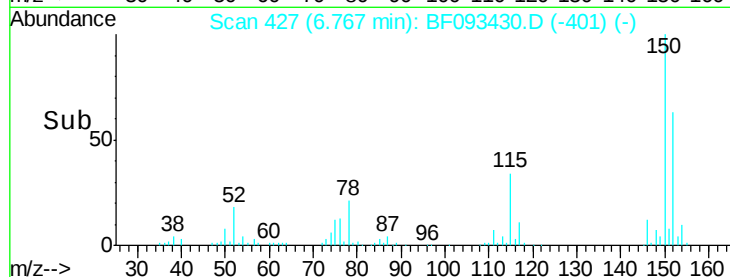
115 53.6 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.53 ng

RT: 2.28 min Scan# 34

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

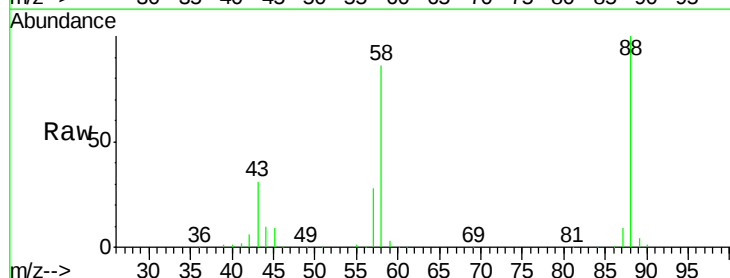
Tgt Ion: 88 Resp: 271622

Ion Ratio Lower Upper

88 100

58 87.9 57.8 86.8#

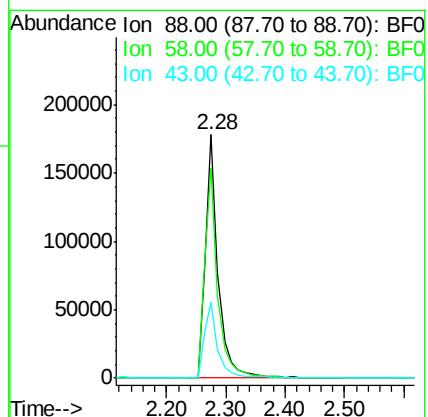
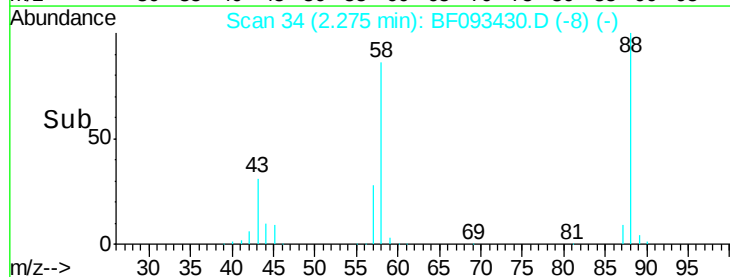
43 31.5 22.3 33.5

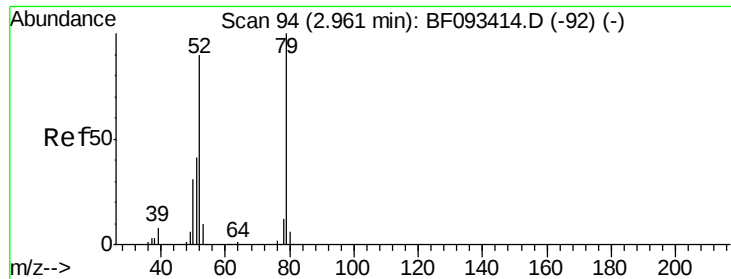


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 43.86 ng

RT: 2.97 min Scan# 95

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

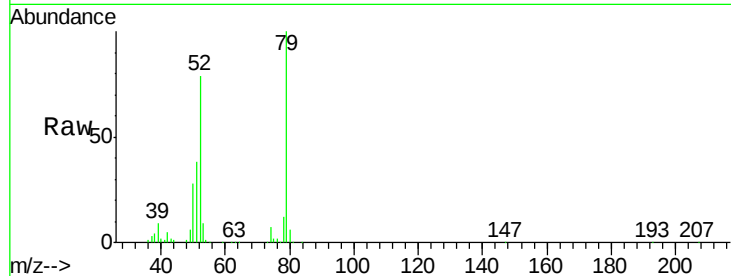
Tot Ion: 79 Resp: 731391

Ion Ratio Lower Upper

79 100

52 79.4 57.1 85.7

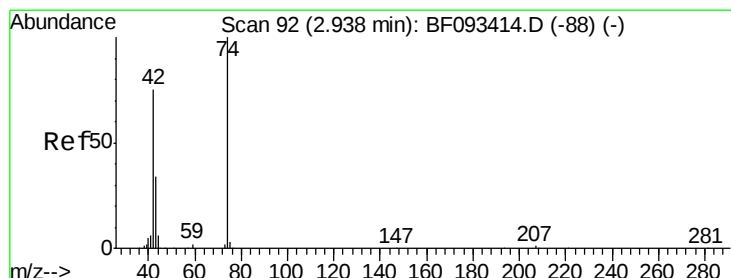
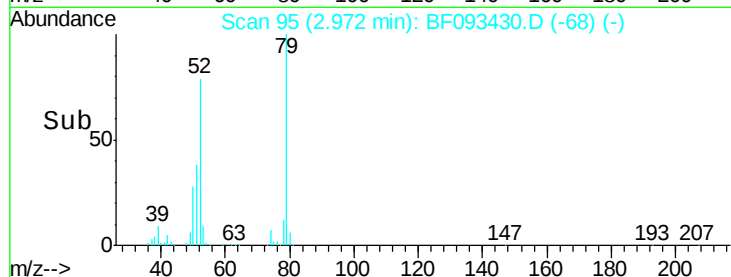
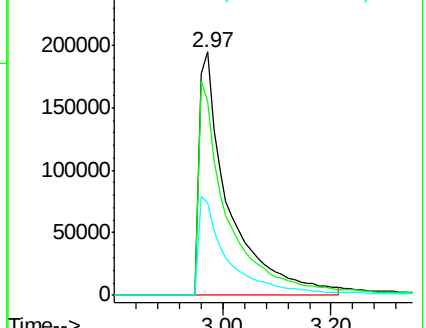
51 37.8 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.64 ng

RT: 2.94 min Scan# 92

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

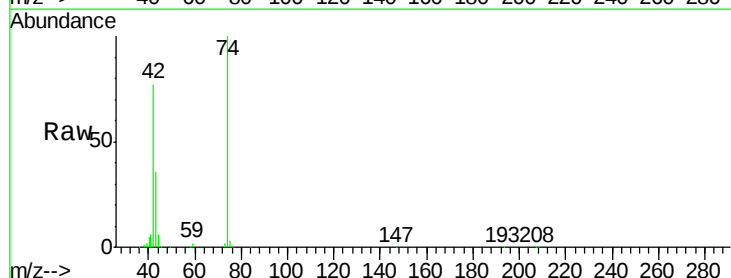
Tgt Ion: 42 Resp: 331668

Ion Ratio Lower Upper

42 100

74 130.3 117.0 175.4

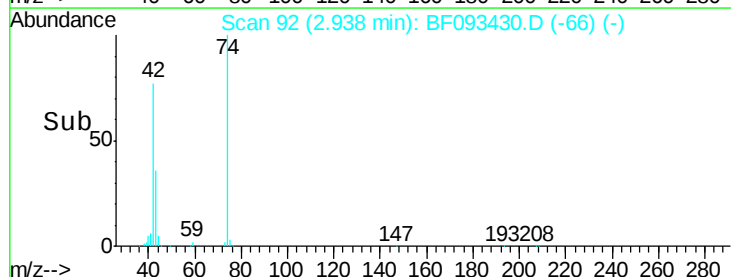
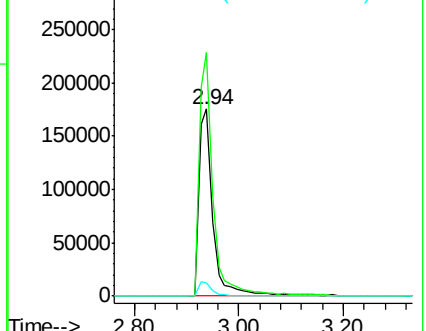
44 7.2 5.5 8.3

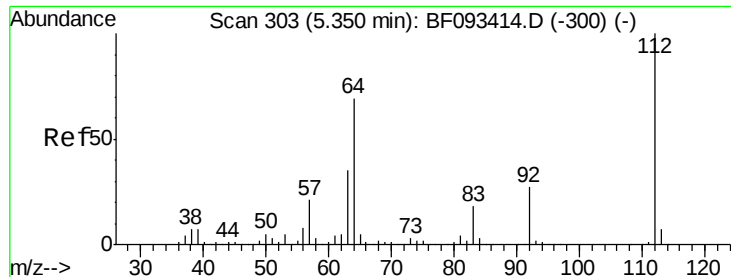


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.63 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

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ClientSampleId :

SSTDCCC040

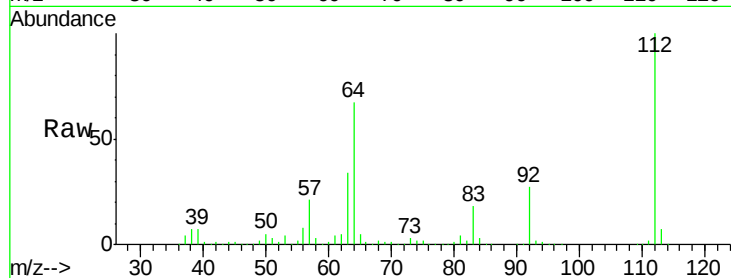
Tot Ion:112 Resp: 981116

Ion Ratio Lower Upper

112 100

64 67.5 46.1 69.1

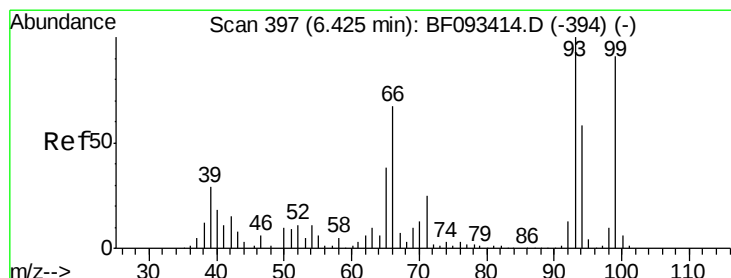
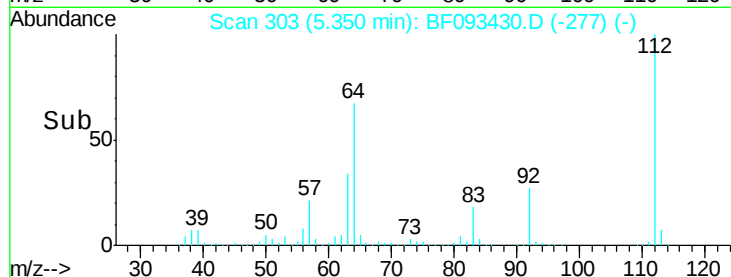
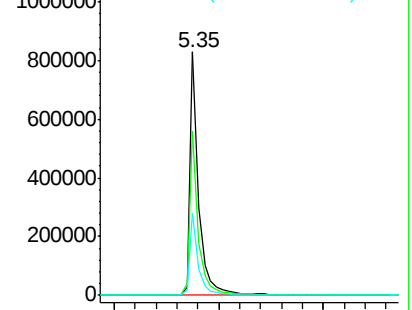
63 33.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.27 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

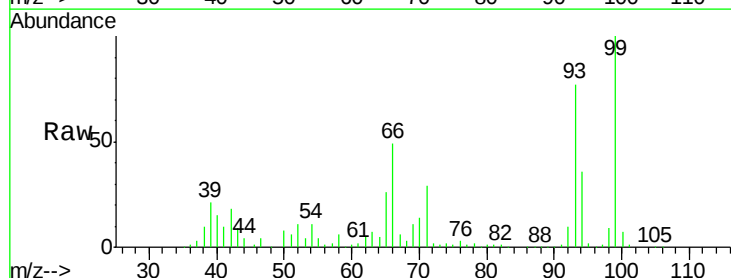
Tgt Ion: 93 Resp: 786374

Ion Ratio Lower Upper

93 100

66 63.4 76.2 114.2#

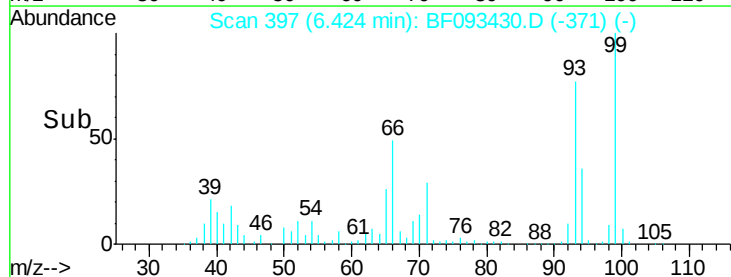
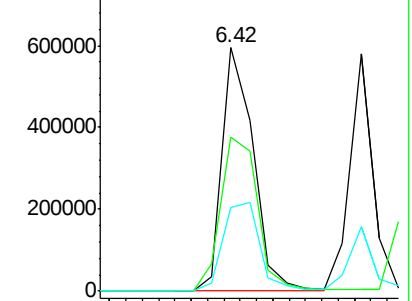
65 34.3 49.3 73.9#

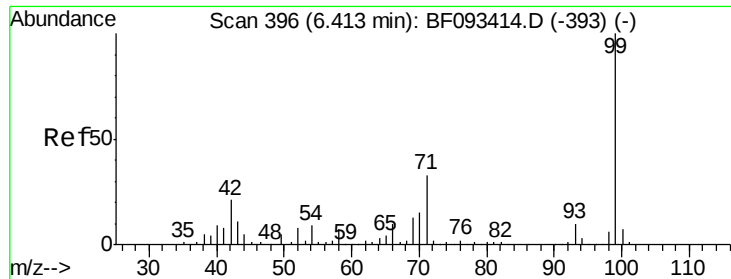


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.54 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093430.D

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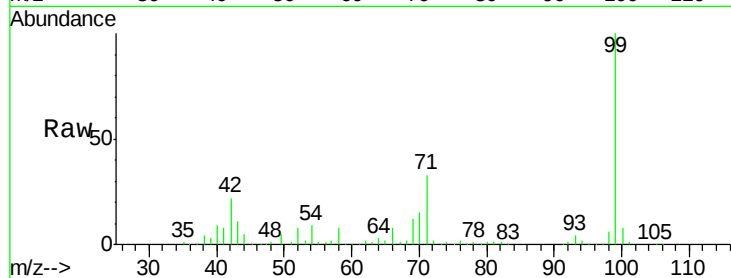
Tot Ion: 99 Resp: 1175963

Ion Ratio Lower Upper

99 100

42 22.1 15.6 23.4

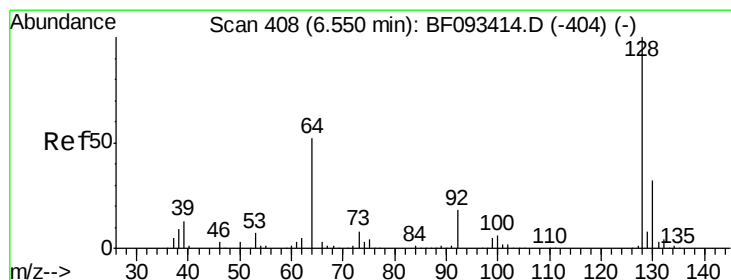
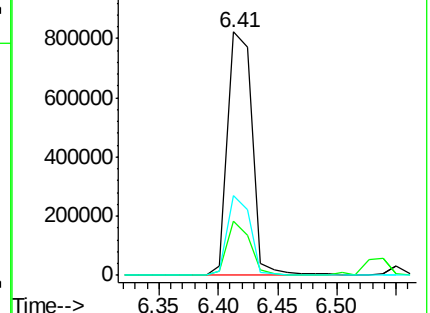
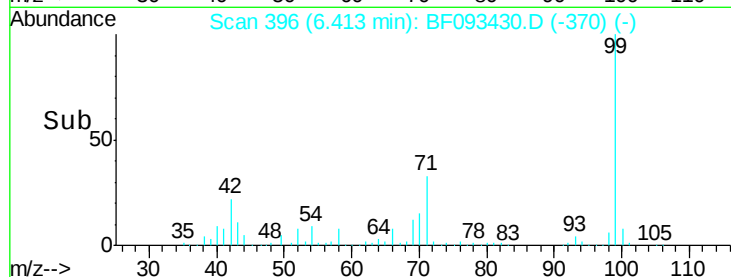
71 32.8 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.44 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

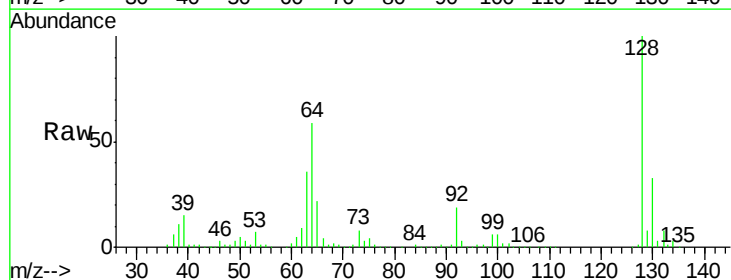
Tgt Ion:128 Resp: 511429

Ion Ratio Lower Upper

128 100

130 33.5 12.3 52.3

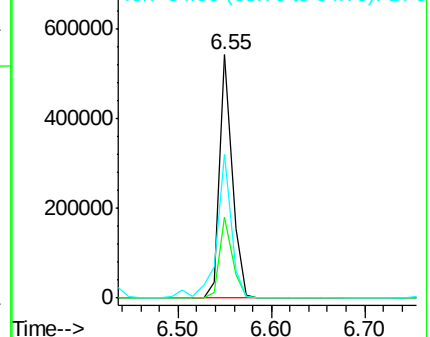
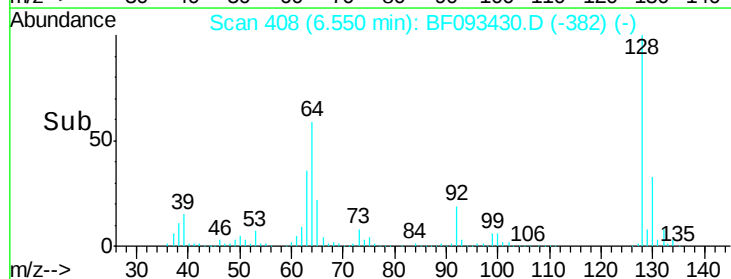
64 59.2 32.2 72.2

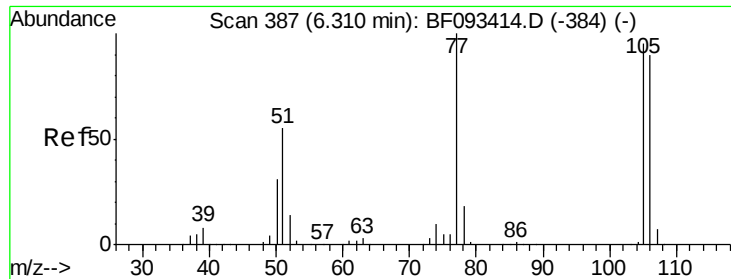


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.86 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

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SSTDCCC040

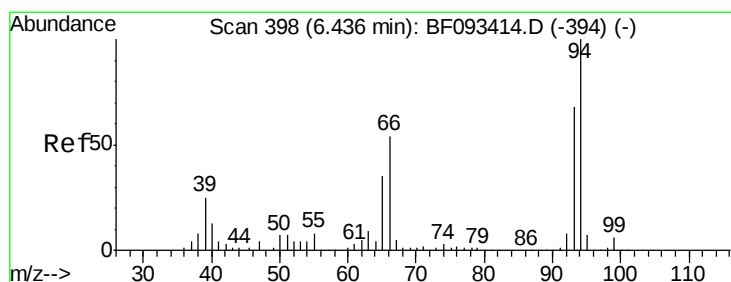
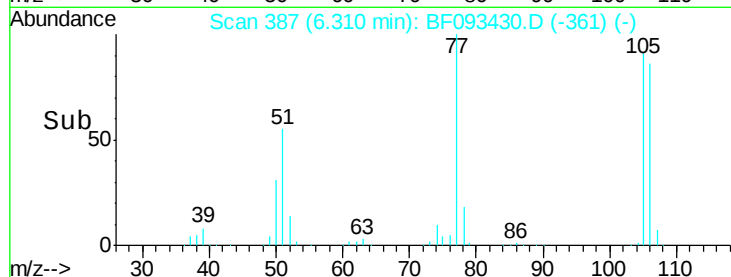
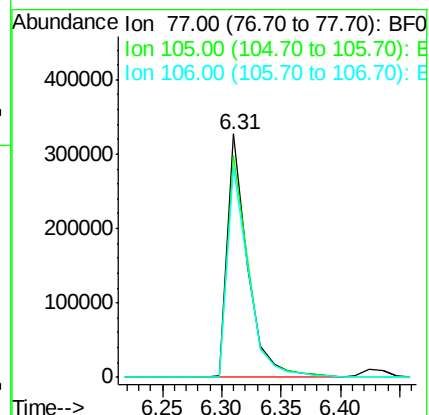
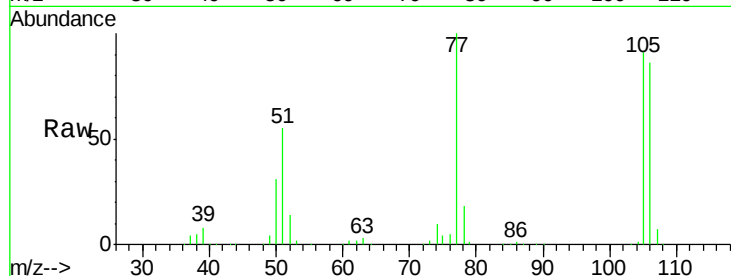
Tot Ion: 77 Resp: 385837

Ion Ratio Lower Upper

77 100

105 91.3 83.9 123.9

106 86.2 77.6 117.6



#10

Phenol

Concen: 37.95 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

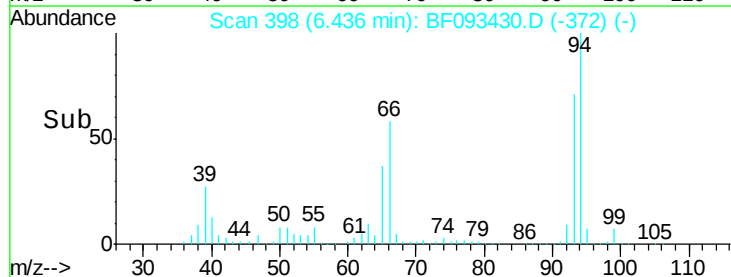
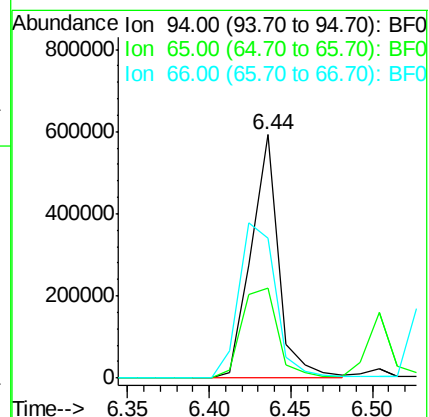
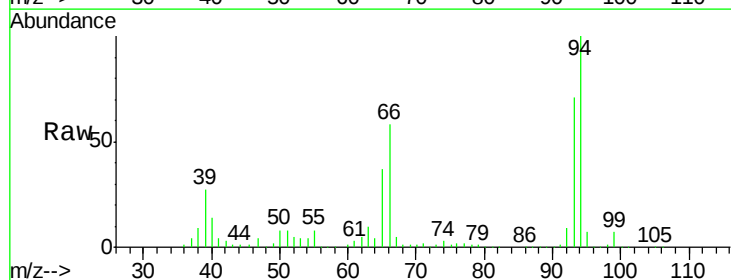
Tgt Ion: 94 Resp: 696347

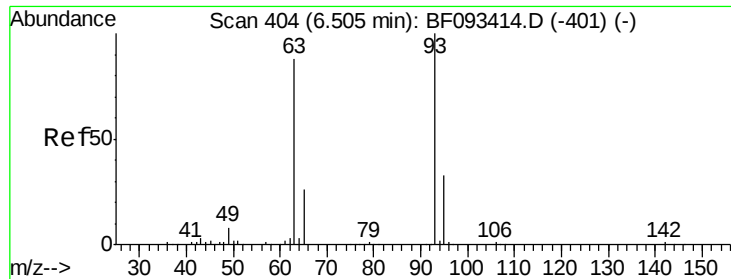
Ion Ratio Lower Upper

94 100

65 36.9 21.4 61.4

66 57.7 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 37.83 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

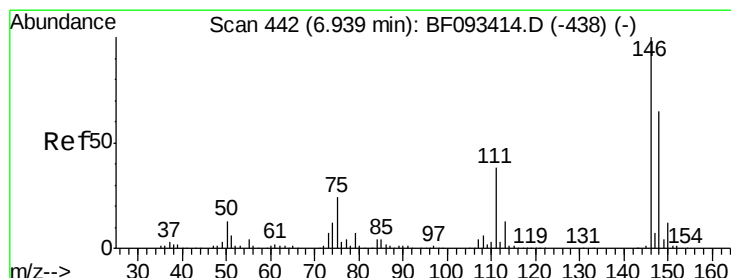
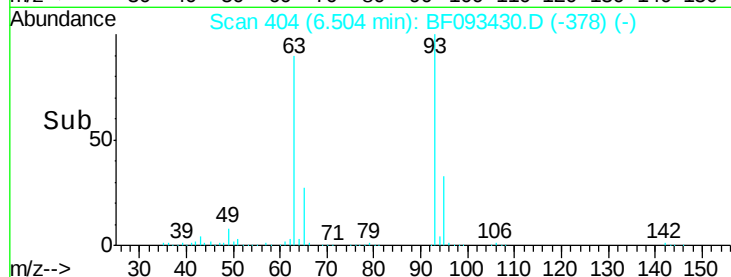
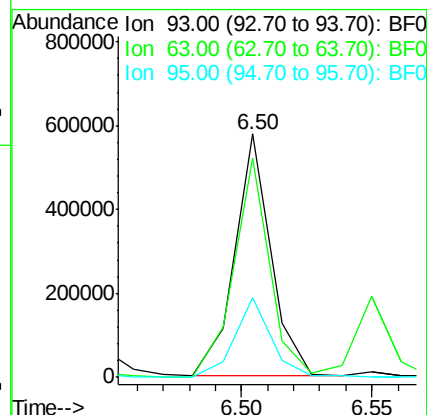
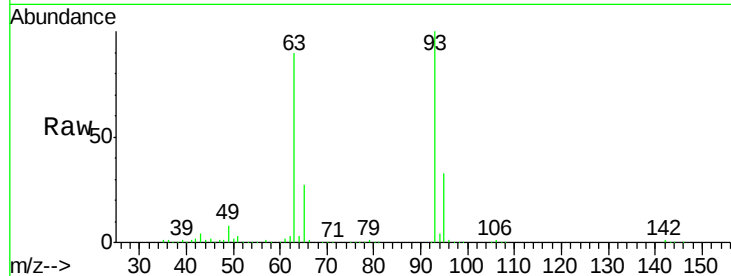
Tot Ion: 93 Resp: 561043

Ion Ratio Lower Upper

93 100

63 89.8 60.4 100.4

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 36.10 ng

RT: 6.94 min Scan# 442

Delta R.T. 0.24 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

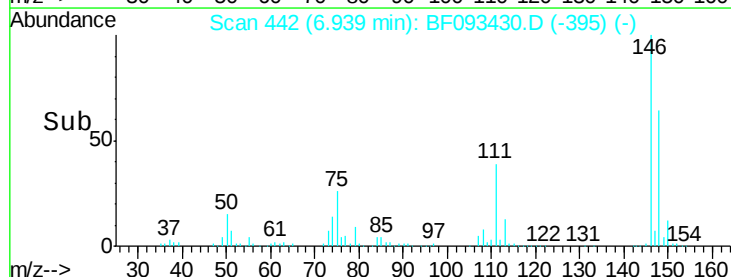
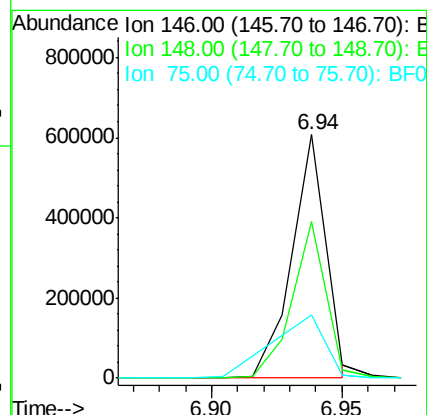
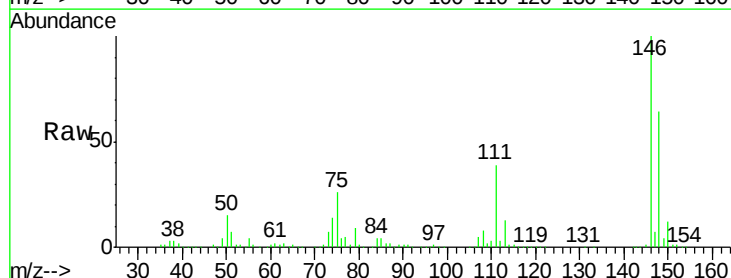
Tgt Ion: 146 Resp: 549758

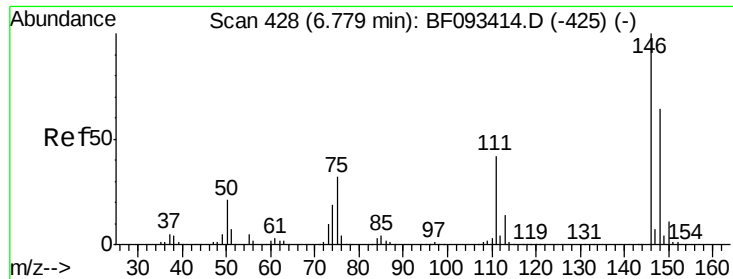
Ion Ratio Lower Upper

146 100

148 64.1 53.4 80.0

75 25.8 18.5 27.7

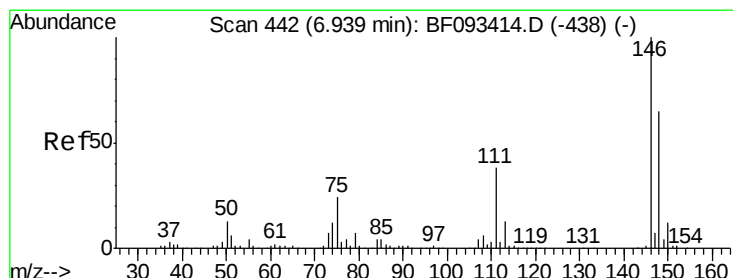
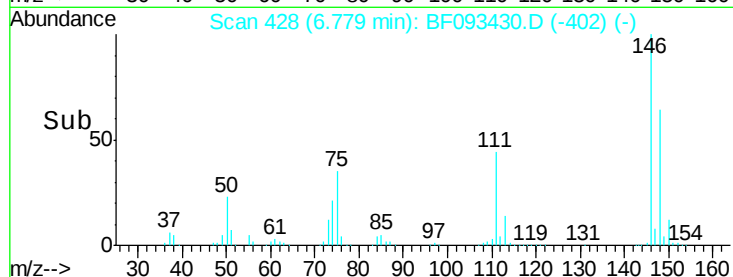
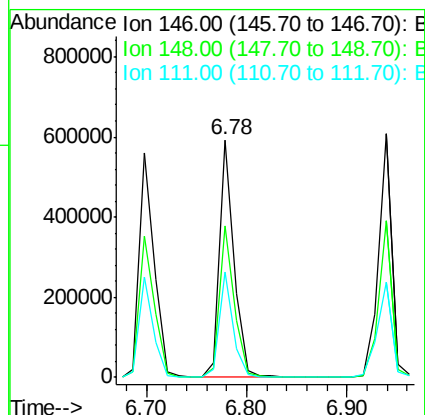
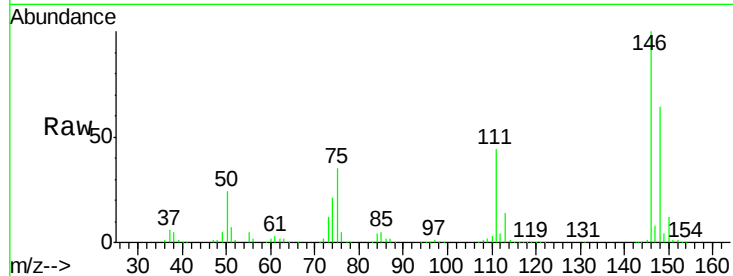




#13
 1,4-Dichlorobenzene
 Concen: 38.30 ng
 RT: 6.78 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

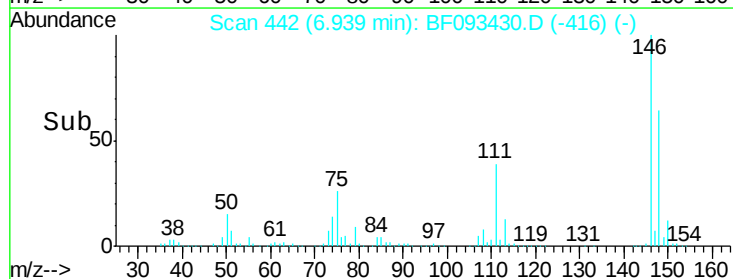
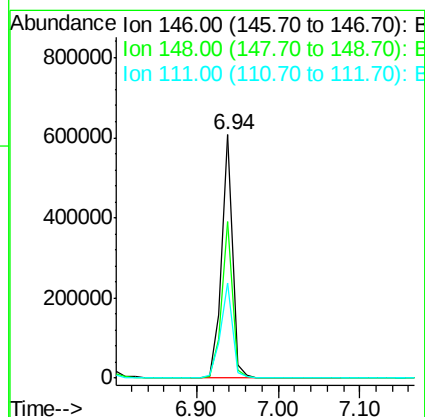
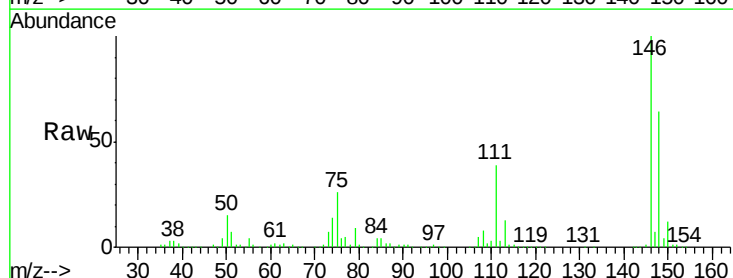
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

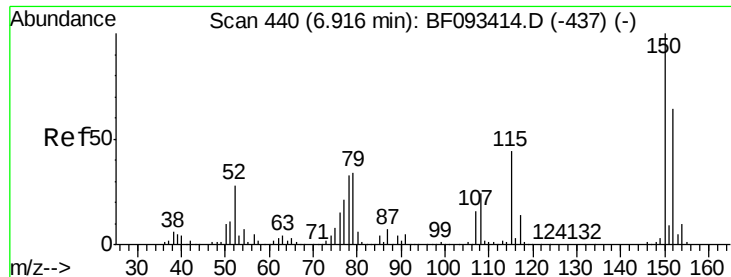
Tot Ion:146 Resp: 597106
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 76.0
 111 44.3 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 40.59 ng
 RT: 6.94 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion:146 Resp: 560351
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 39.0 36.2 54.2

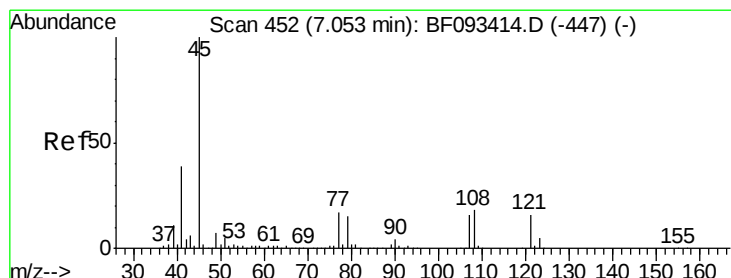
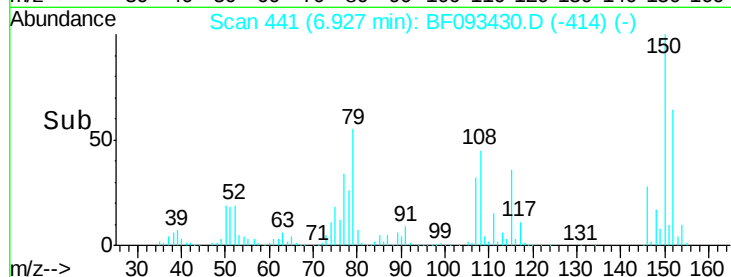
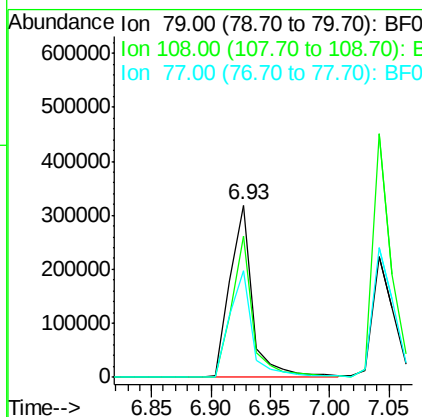
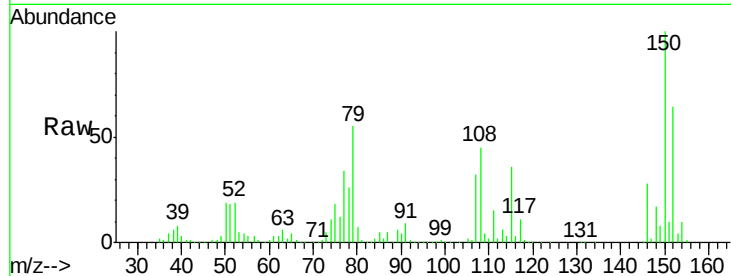




#15
Benzyl Alcohol
Concen: 39.50 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

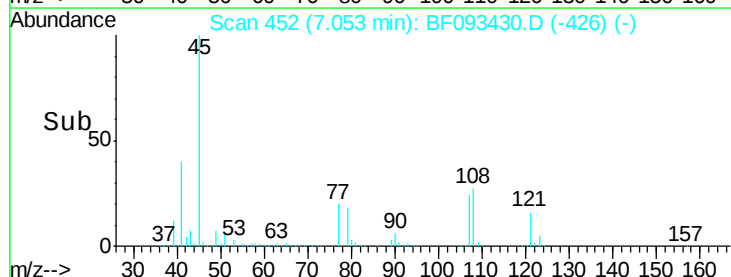
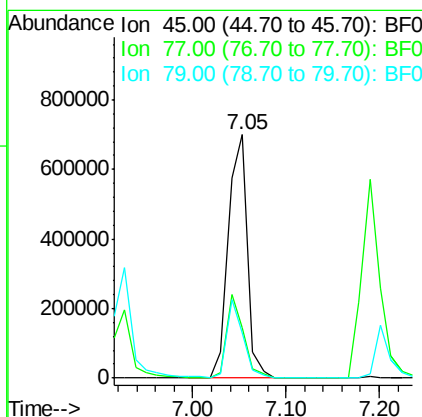
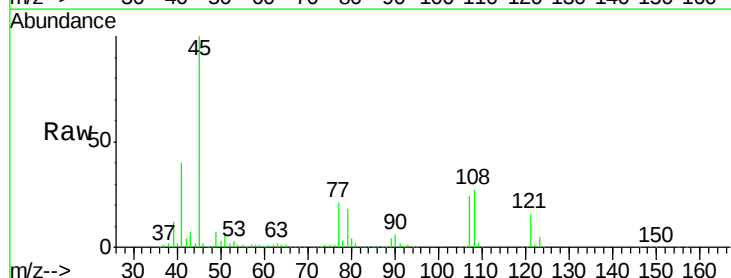
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

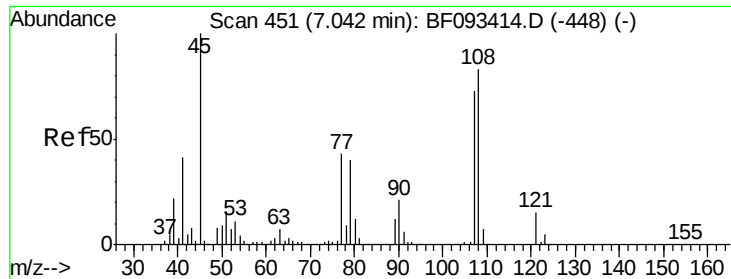
Tot Ion: 79 Resp: 421649
Ion Ratio Lower Upper
79 100
108 82.1 61.4 92.0
77 62.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.37 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion: 45 Resp: 994406
Ion Ratio Lower Upper
45 100
77 20.8 0.0 34.6
79 18.3 0.0 31.2

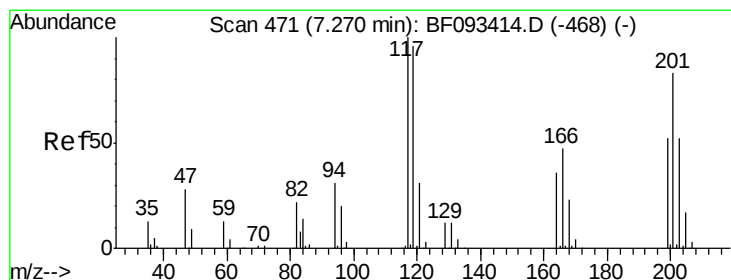
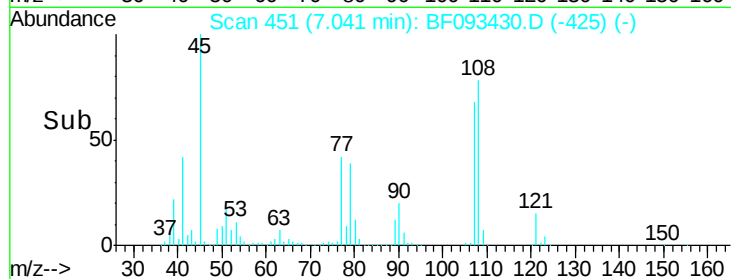
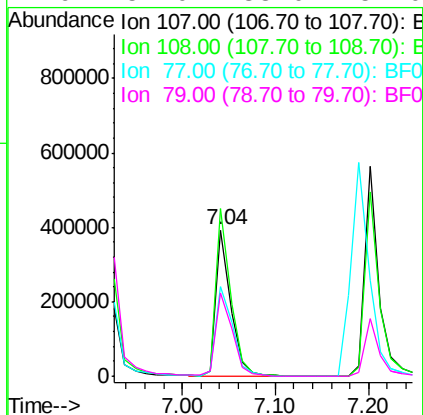
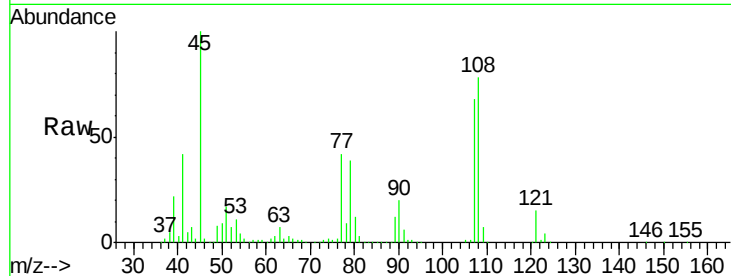




#17
2-Methylphenol
Concen: 38.55 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

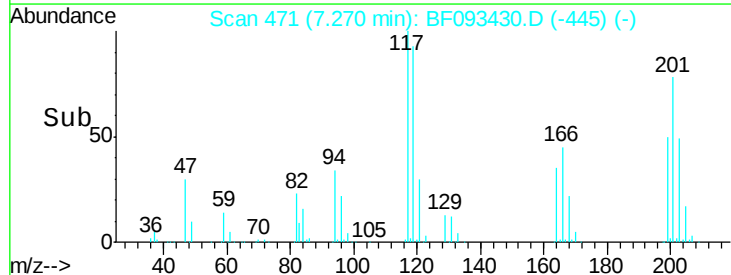
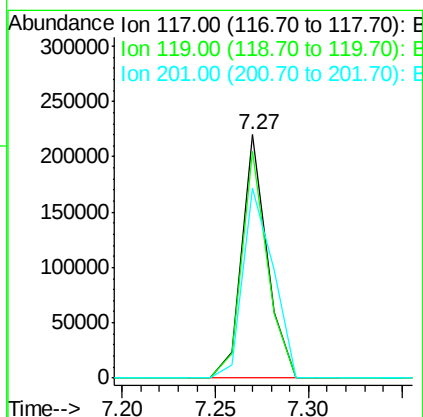
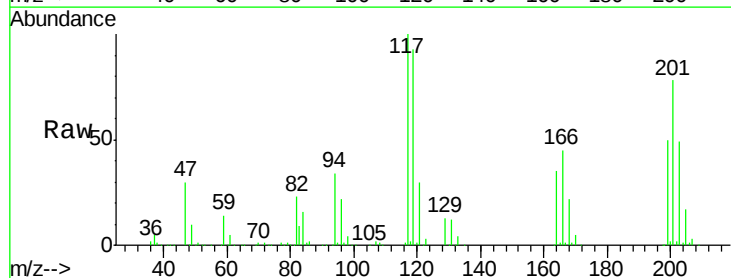
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

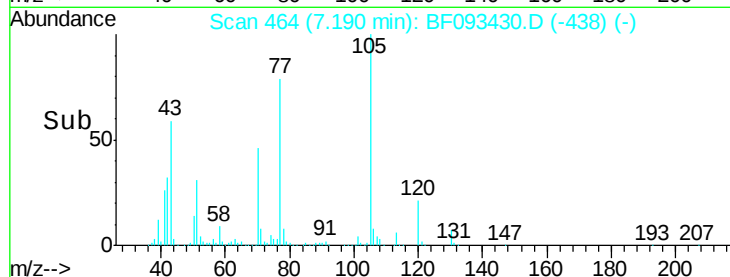
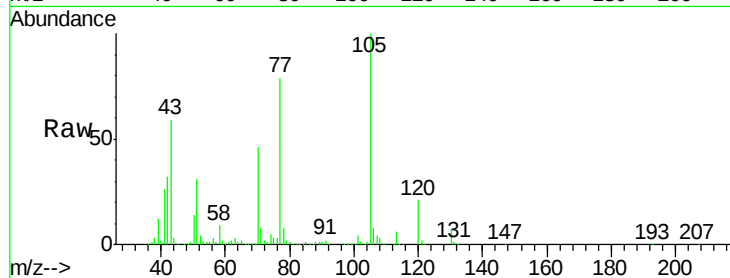
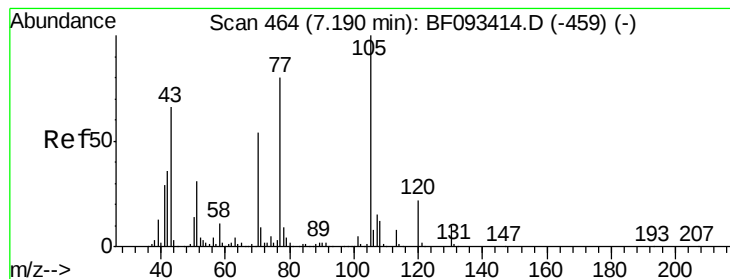
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	93.0	139.6
77	61.3	39.8	59.8#
79	57.0	38.0	57.0#



#18
Hexachloroethane
Concen: 39.60 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	78.1	117.1
201	78.2	78.6	117.8#





#19

n-Nitroso-di-n-propylamine

Concen: 37.17 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 382634

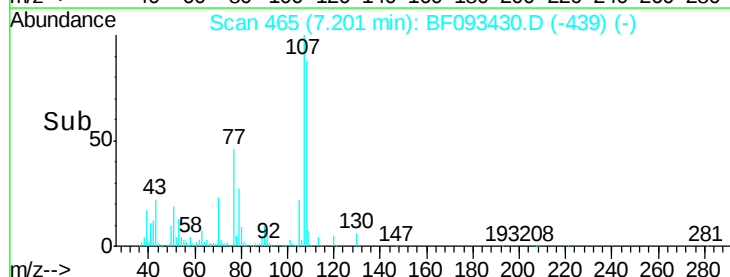
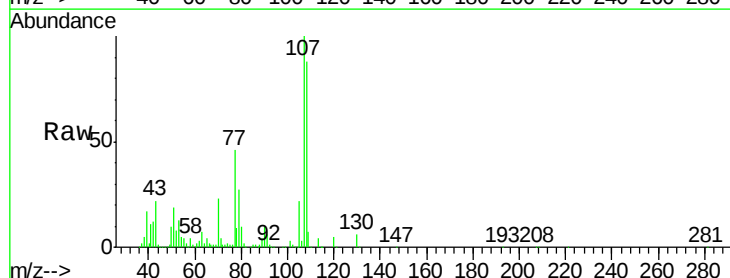
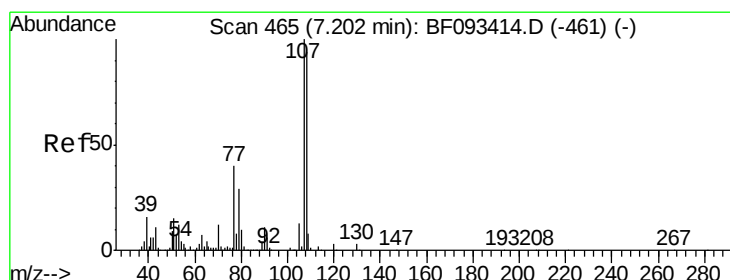
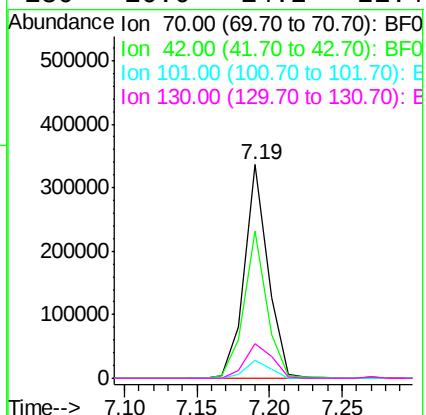
Ion Ratio Lower Upper

70 100

42 69.0 49.4 74.0

101 8.4 7.4 11.2

130 16.0 14.2 21.4



#20

3+4-Methylphenols

Concen: 41.06 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Tgt Ion: 107 Resp: 599164

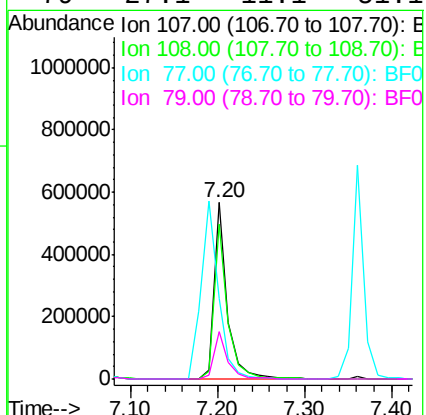
Ion Ratio Lower Upper

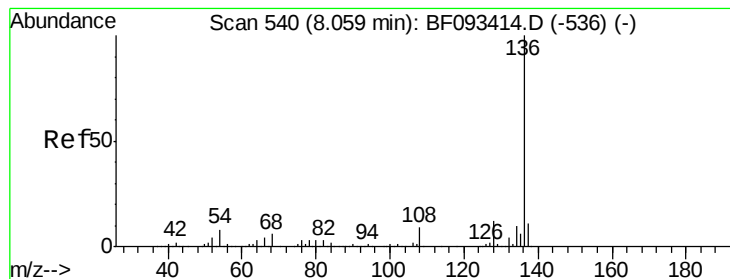
107 100

108 87.7 73.0 113.0

77 45.8 71.3 111.3#

79 27.1 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 793527

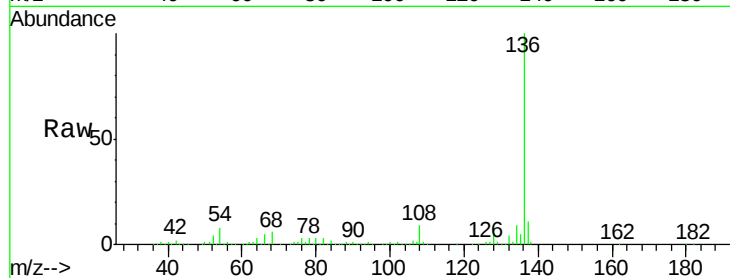
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 8.5 4.5 6.7#

68 6.4 3.6 5.4#

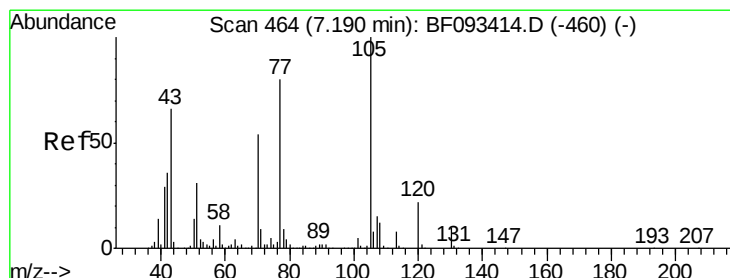
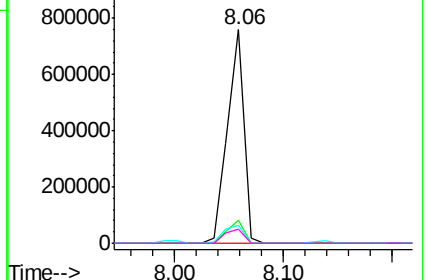
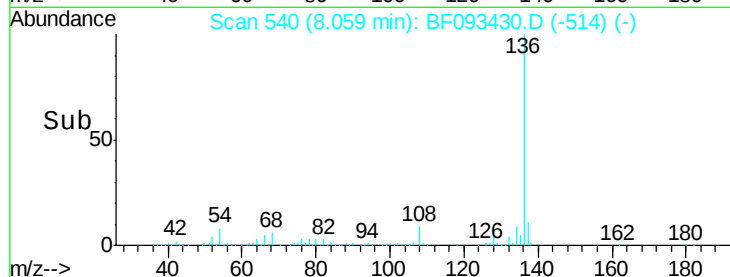


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 40.16 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Tgt Ion:105 Resp: 766824

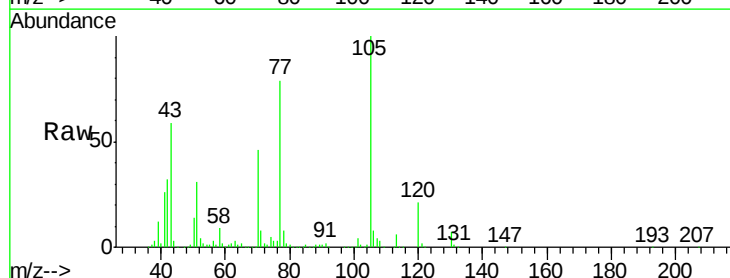
Ion Ratio Lower Upper

105 100

71 7.7 3.2 4.8#

51 31.2 26.2 39.4

120 21.4 16.6 24.8

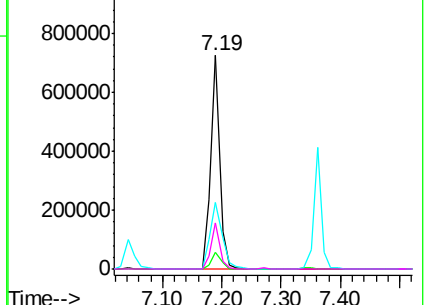
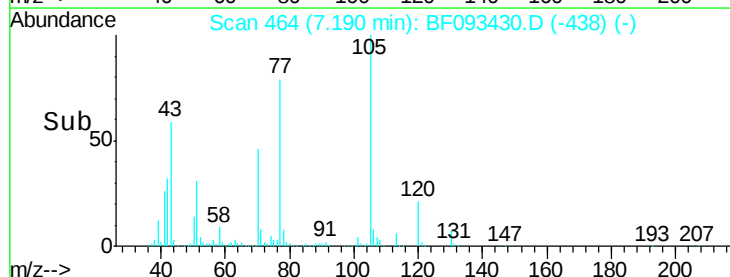


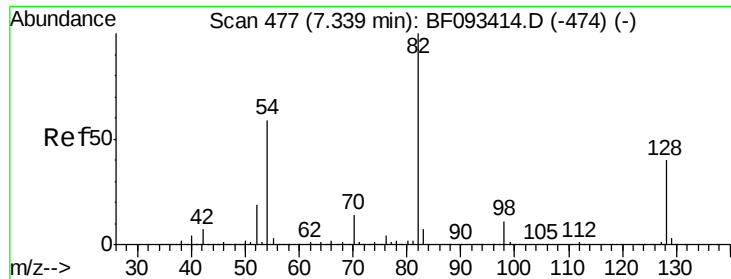
Abundance Ion 105.00 (104.70 to 105.70): E

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

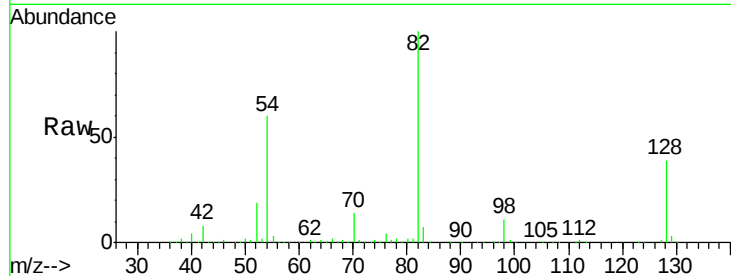




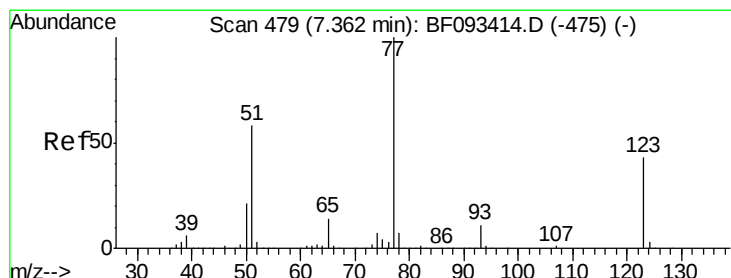
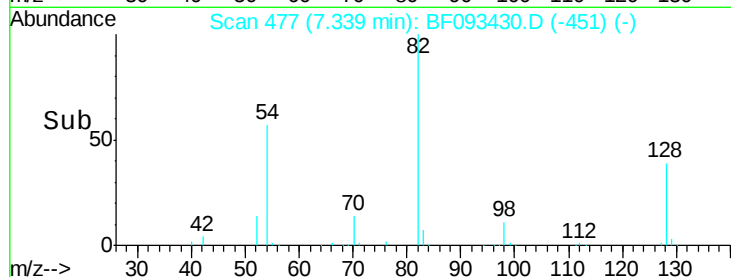
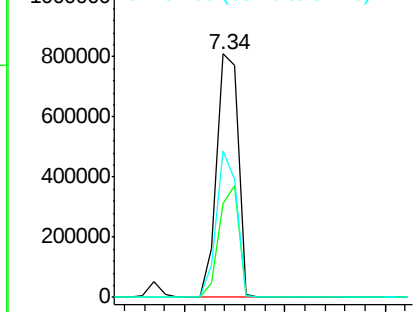
#23
 Nitrobenzene-d5
 Concen: 84.57 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1209549
 Ion Ratio Lower Upper
 82 100
 128 38.6 34.6 52.0
 54 60.3 39.5 59.3#

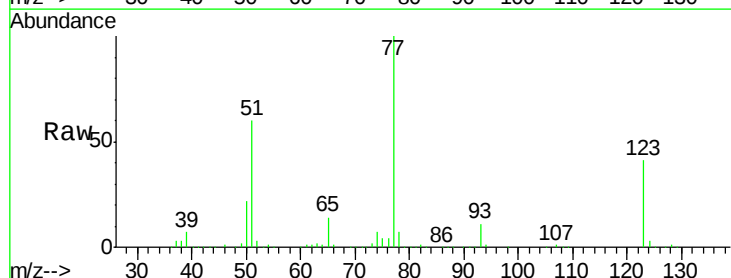


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

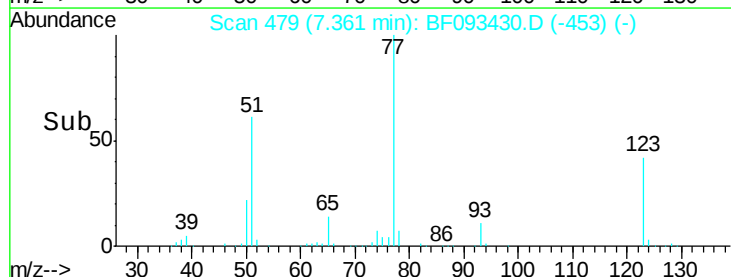
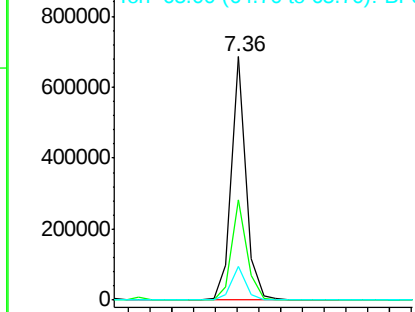


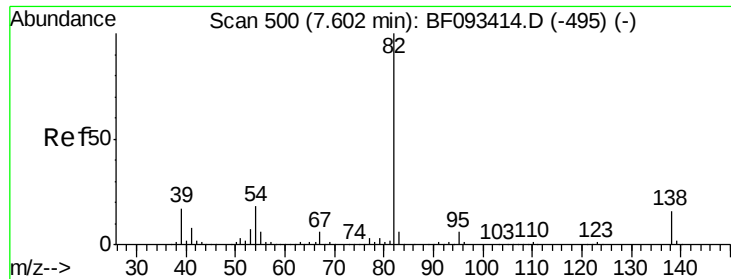
#24
 Nitrobenzene
 Concen: 39.43 ng
 RT: 7.36 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion: 77 Resp: 633842
 Ion Ratio Lower Upper
 77 100
 123 41.0 33.0 49.4
 65 14.0 11.2 16.8



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





#25

Isophorone

Concen: 39.31 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

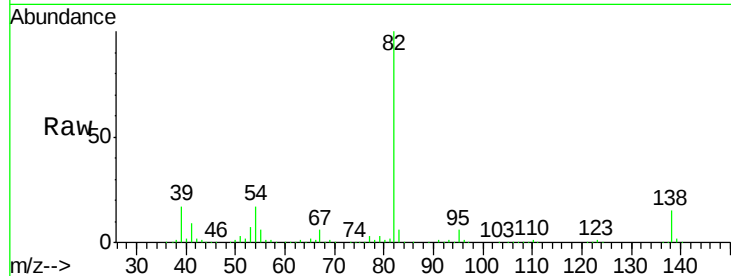
Tot Ion: 82 Resp: 1133656

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

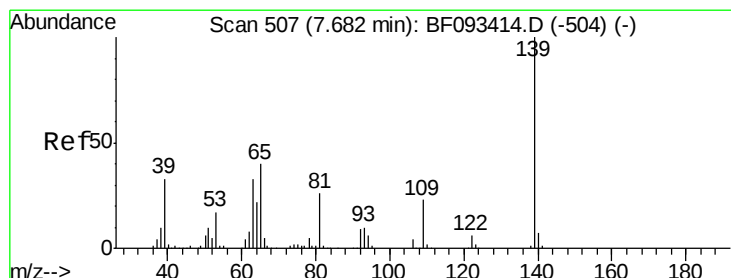
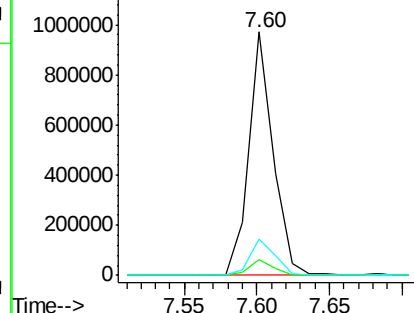
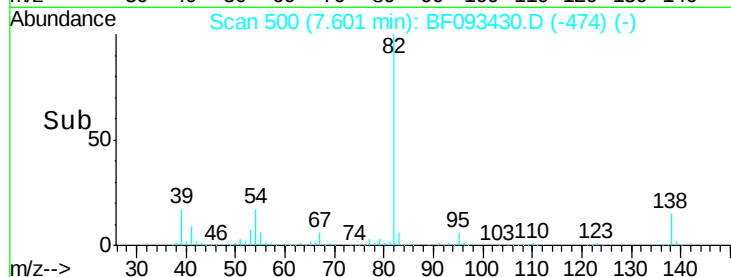
138 15.0 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.86 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

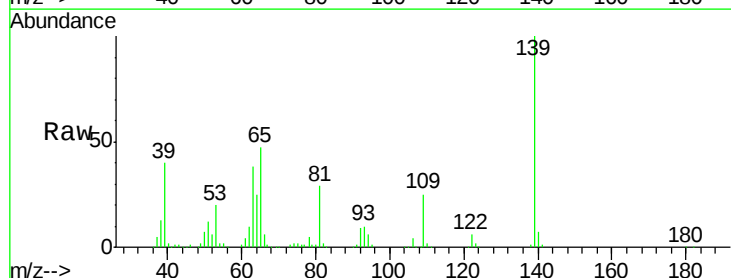
Tgt Ion: 139 Resp: 306987

Ion Ratio Lower Upper

139 100

109 25.0 23.3 34.9

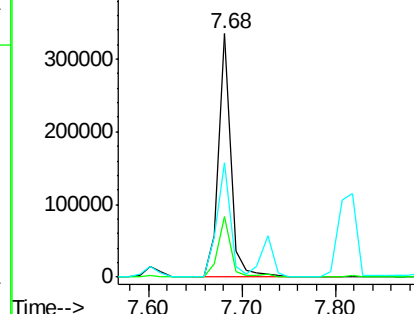
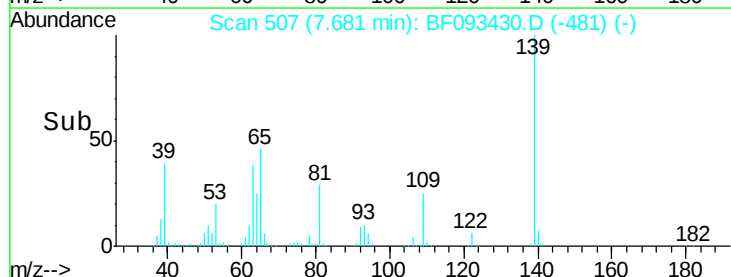
65 46.8 42.7 64.1

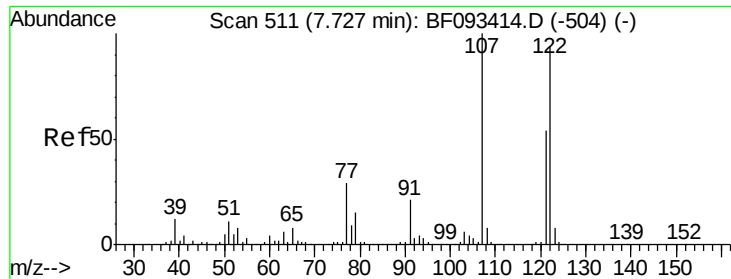


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

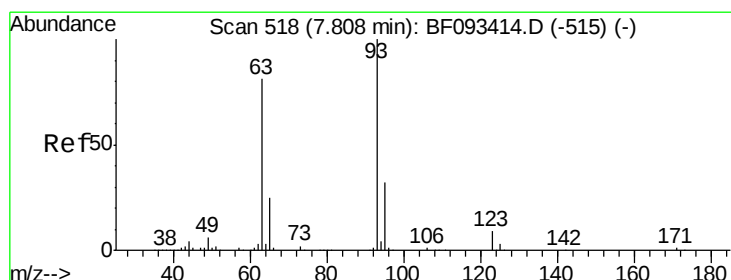
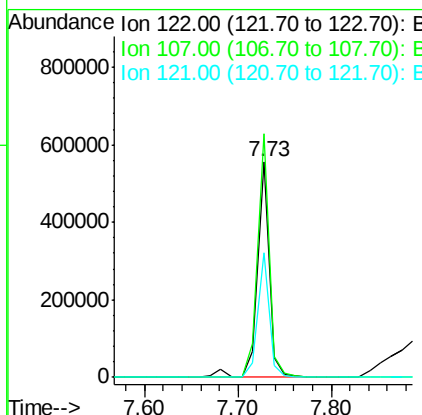
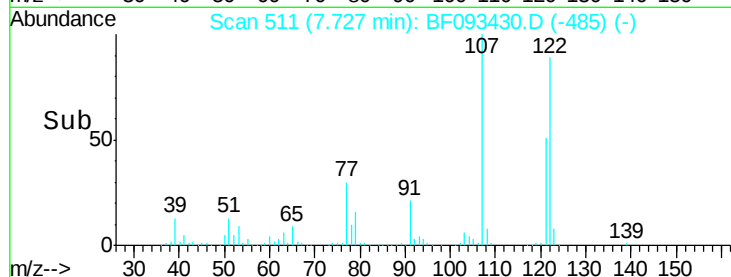
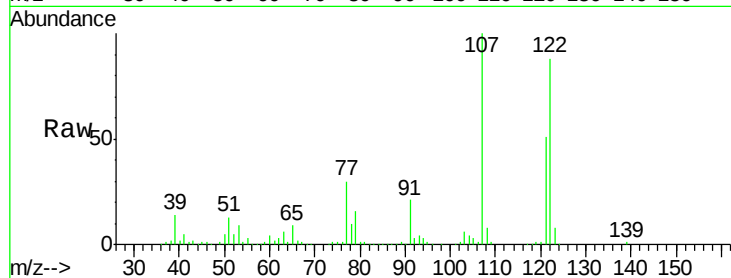




#27
 2,4-Dimethylphenol
 Concen: 41.38 ng
 RT: 7.73 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

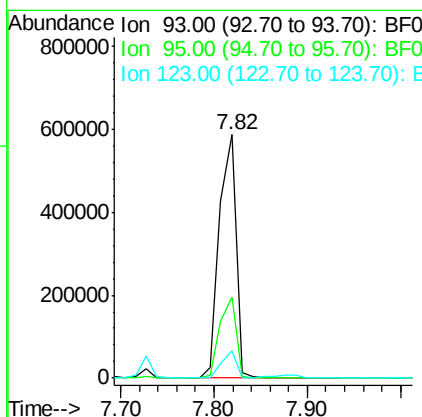
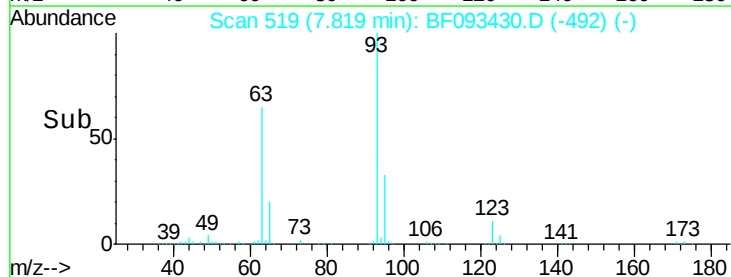
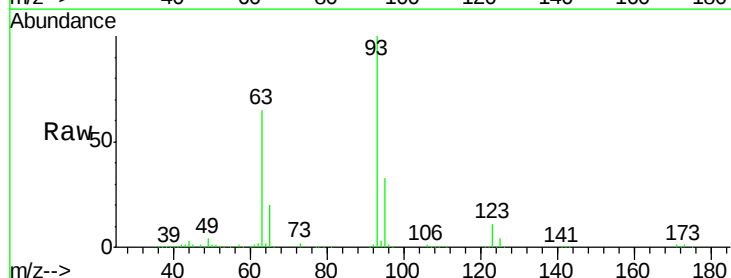
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

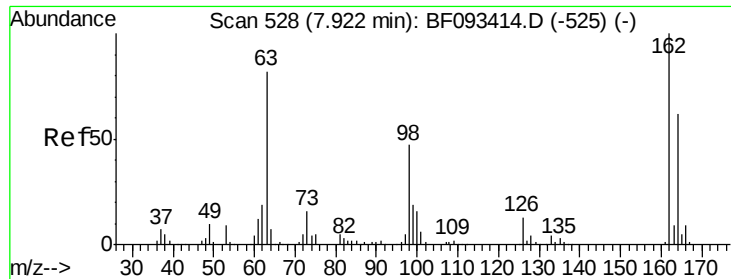
Tot Ion:122 Resp: 493703
 Ion Ratio Lower Upper
 122 100
 107 113.0 94.1 141.1
 121 57.6 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.14 ng
 RT: 7.82 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion: 93 Resp: 730762
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 11.1 8.6 13.0

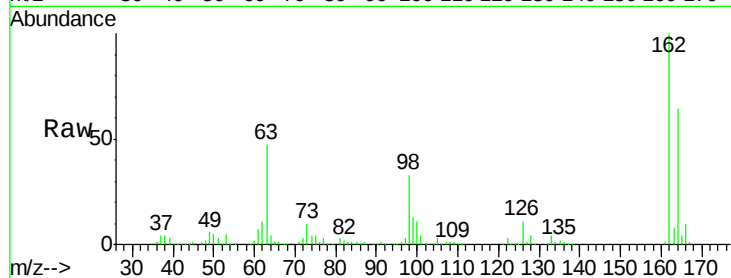




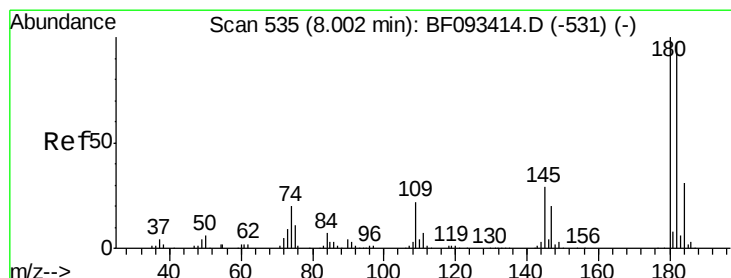
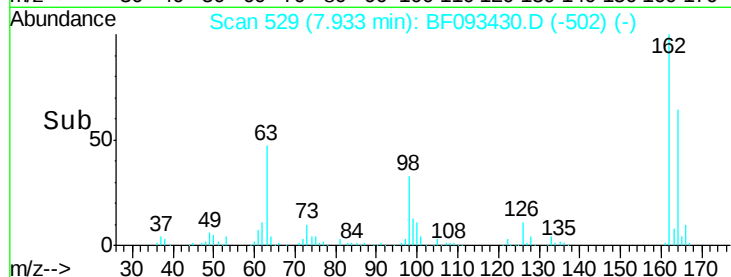
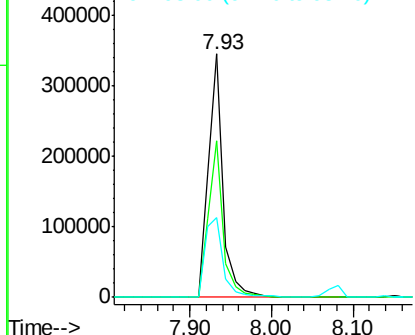
#29
2,4-Dichlorophenol
Concen: 38.96 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 437236
Ion Ratio Lower Upper
162 100
164 64.4 46.8 86.8
98 32.6 9.1 49.1

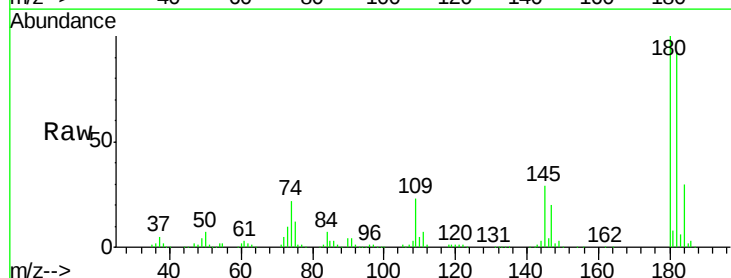


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

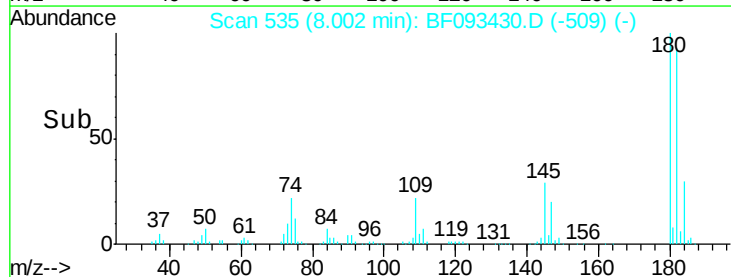
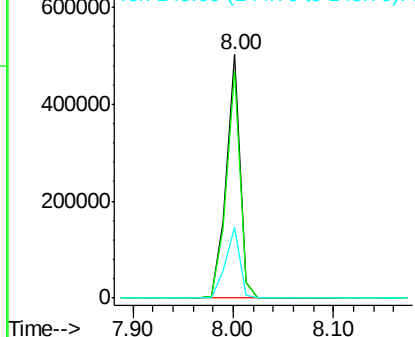


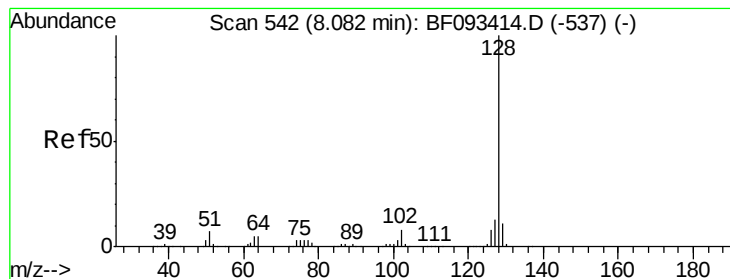
#30
1,2,4-Trichlorobenzene
Concen: 40.10 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion:180 Resp: 478574
Ion Ratio Lower Upper
180 100
182 93.2 78.2 117.4
145 29.1 21.6 32.4



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





#31

Naphthalene

Concen: 39.79 ng

RT: 8.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

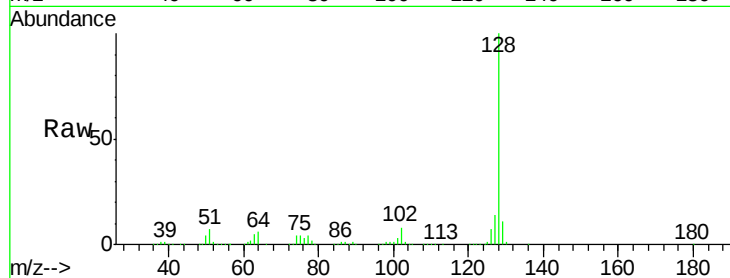
Tot Ion:128 Resp: 1582339

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

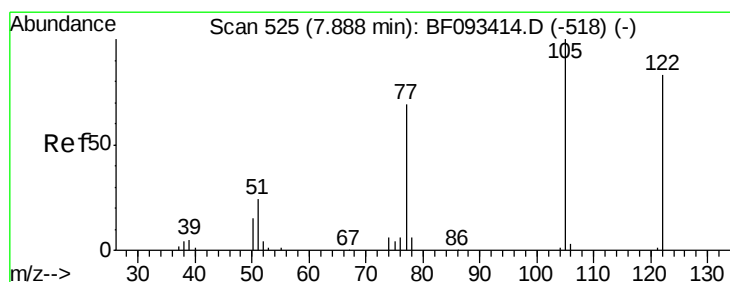
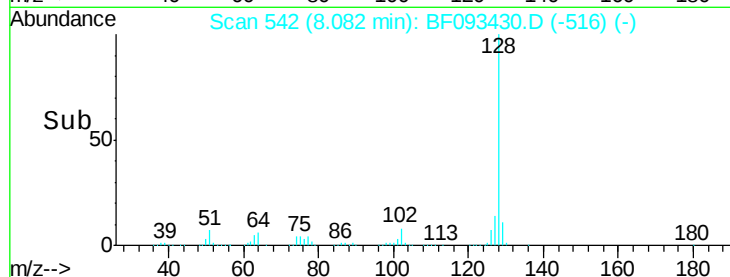
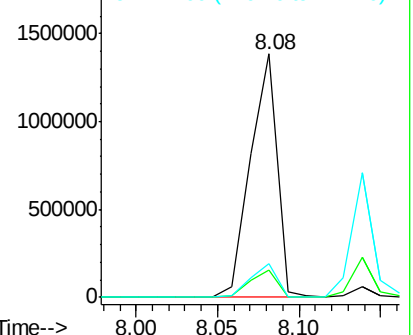
127 13.7 10.8 16.2



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: 33.75 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

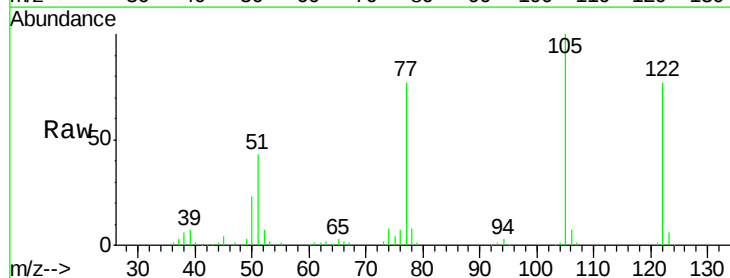
Tgt Ion:122 Resp: 209217

Ion Ratio Lower Upper

122 100

105 129.2 107.2 147.2

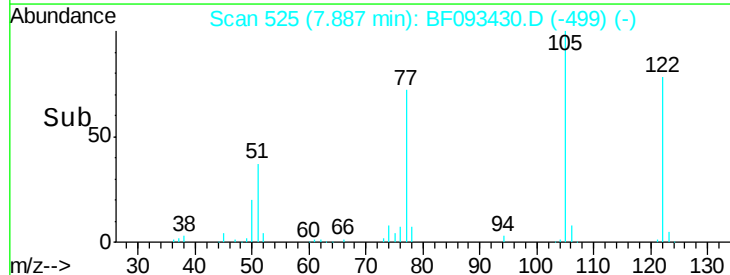
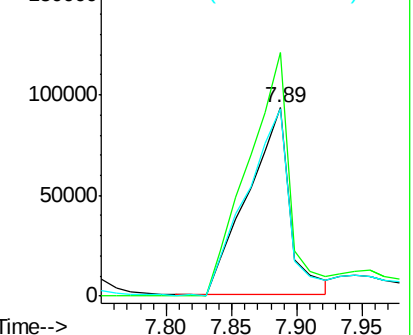
77 99.6 74.5 114.5

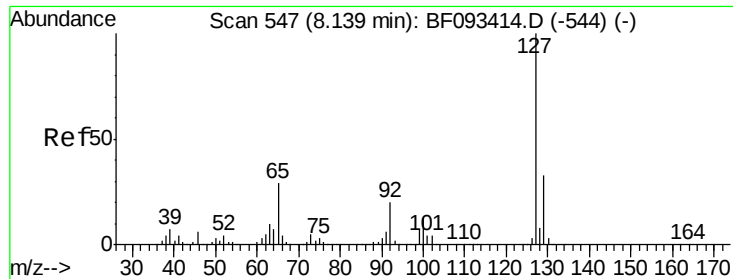


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

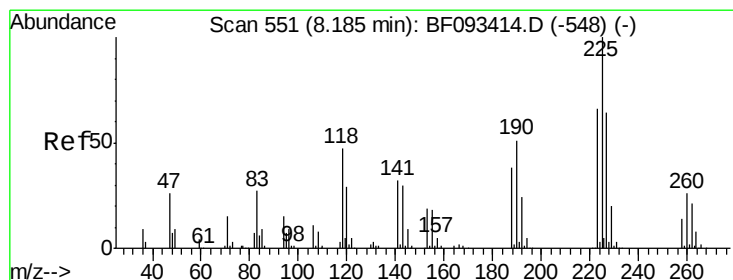
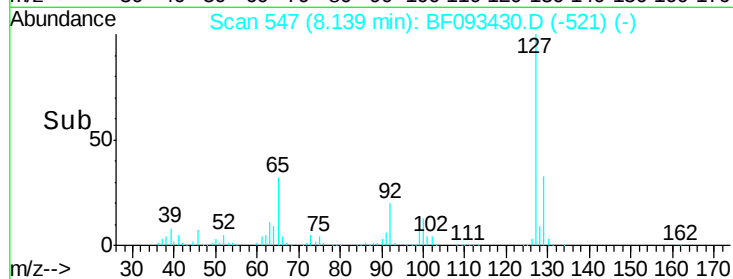
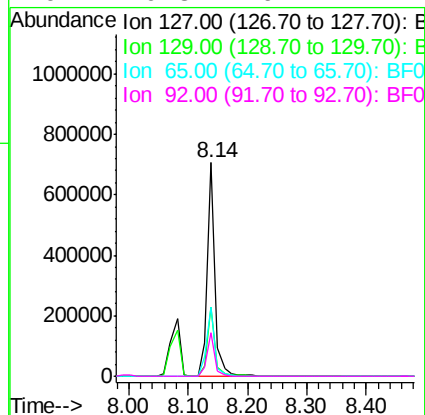
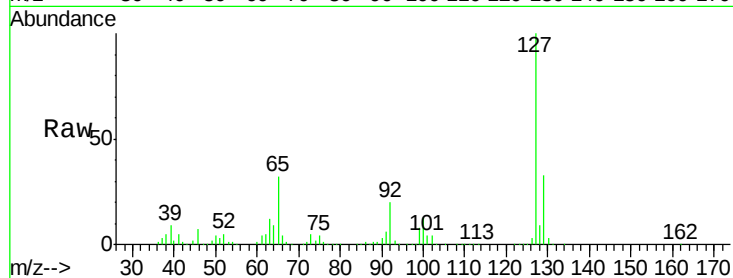




#33
4-Chloroaniline
Concen: 40.80 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

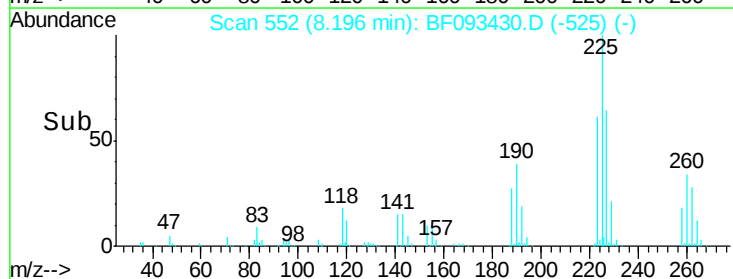
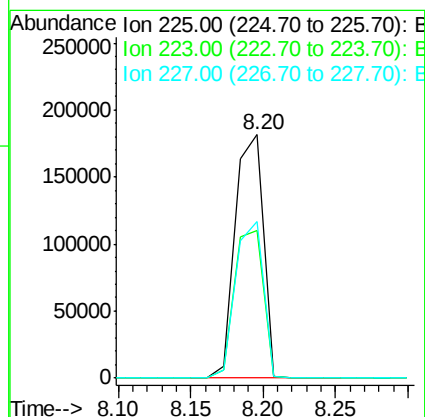
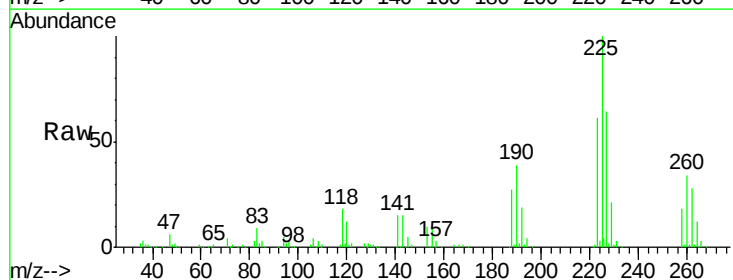
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

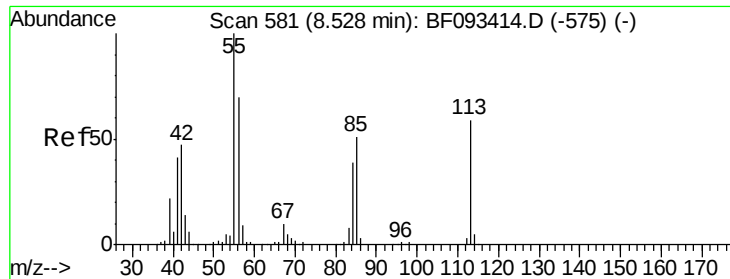
Tot Ion:	127	Resp:	658469
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	32.4	25.8	38.8
92	20.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.68 ng
RT: 8.20 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion:	225	Resp:	243957
Ion	Ratio	Lower	Upper
225	100		
223	60.7	51.0	76.6
227	64.4	50.6	76.0

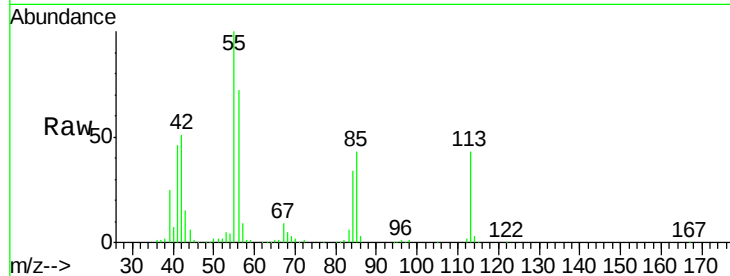




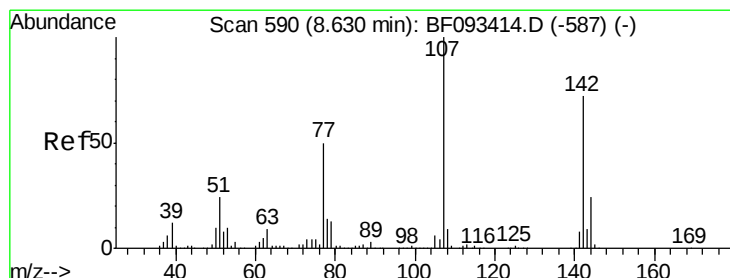
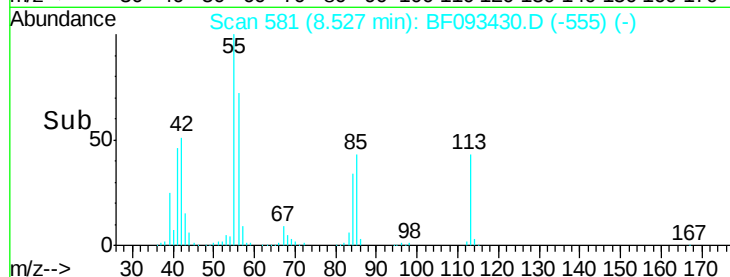
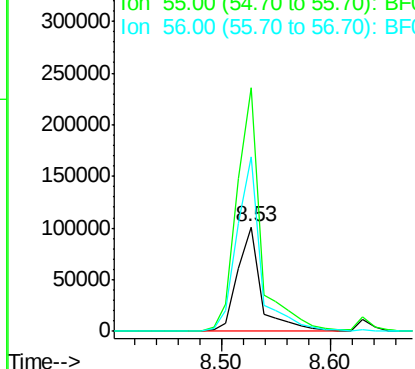
#35
 Caprolactam
 Concen: 39.23 ng
 RT: 8.53 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 150379
 Ion Ratio Lower Upper
 113 100
 55 233.9 119.2 159.2#
 56 167.4 83.8 123.8#

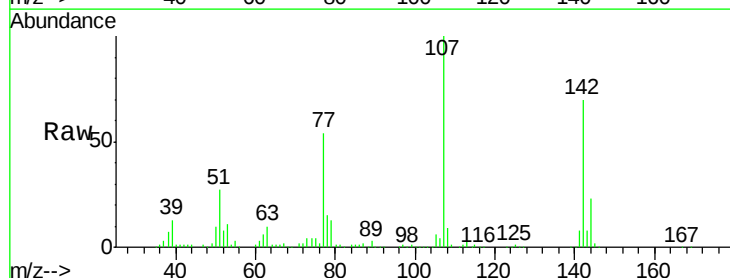


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

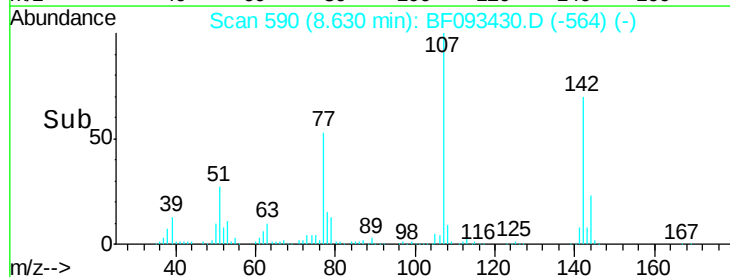
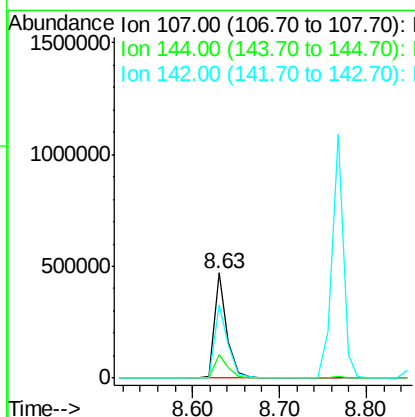


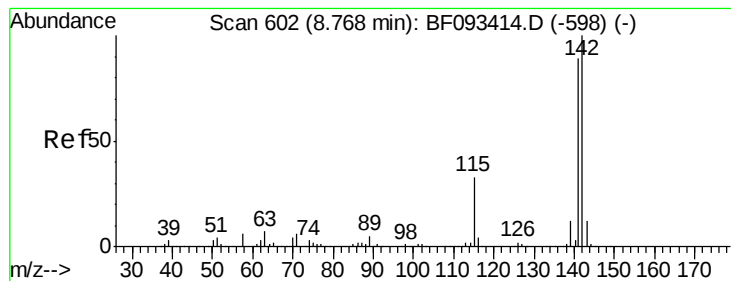
#36
 4-Chloro-3-methylphenol
 Concen: 39.11 ng
 RT: 8.63 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion:107 Resp: 468525
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.3 28.9
 142 69.9 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: 38.26 ng

RT: 8.77 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

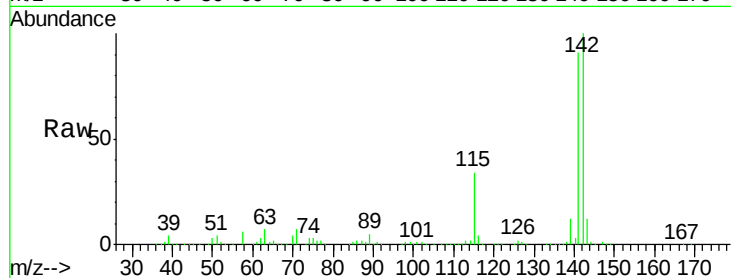
Tot Ion:142 Resp: 967952

Ion Ratio Lower Upper

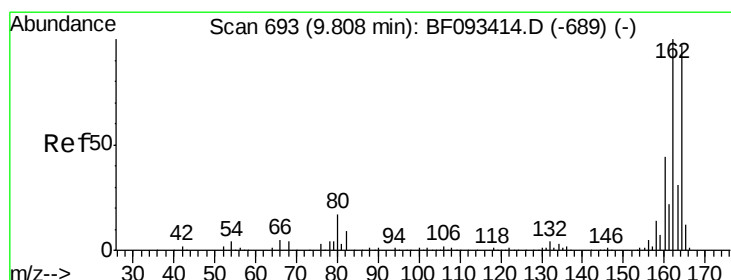
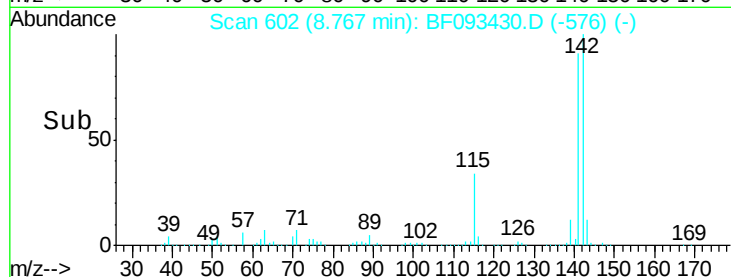
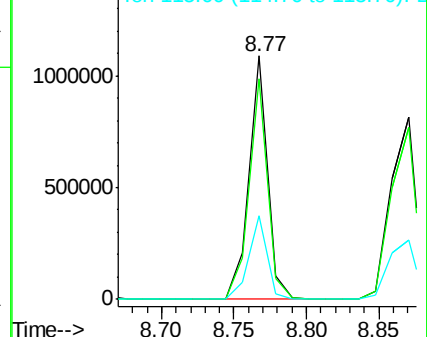
142 100

141 90.7 71.0 106.6

115 34.3 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: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

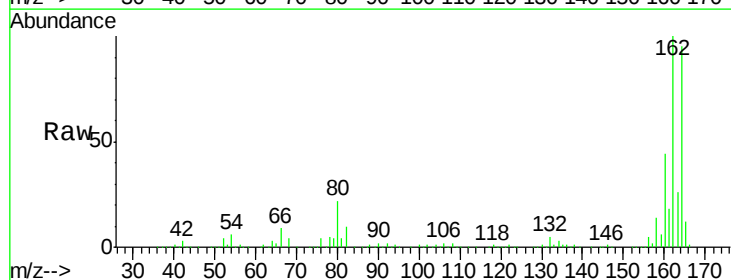
Tgt Ion:164 Resp: 381205

Ion Ratio Lower Upper

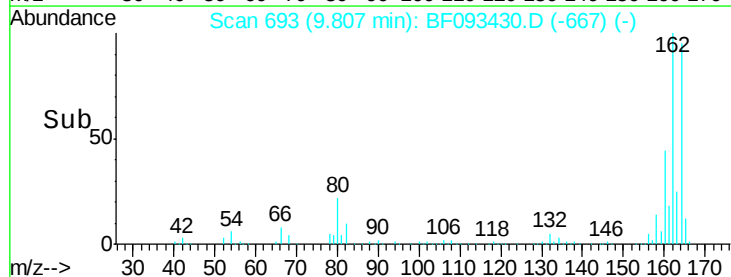
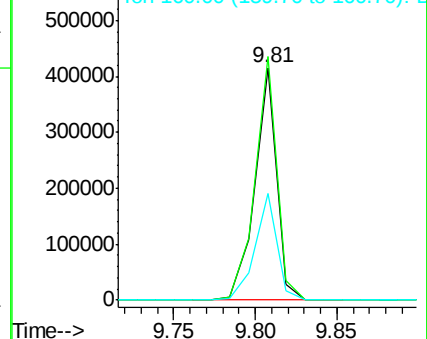
164 100

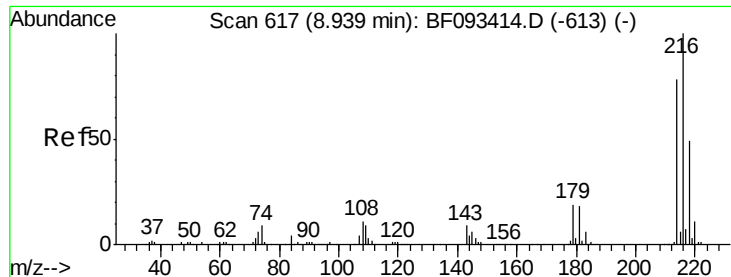
162 104.9 80.2 120.2

160 45.9 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

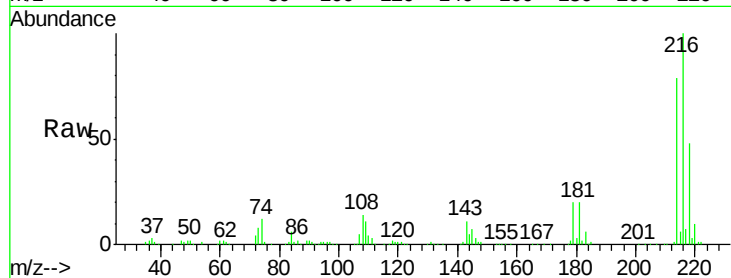




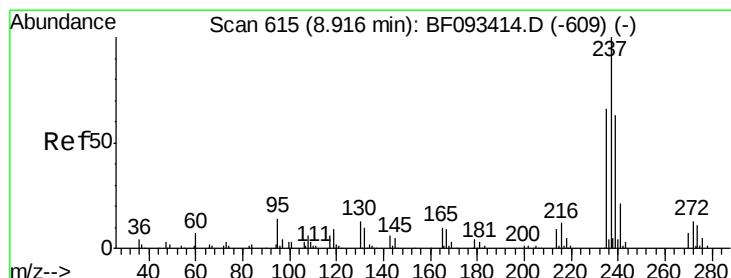
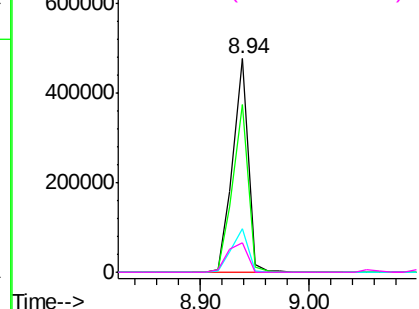
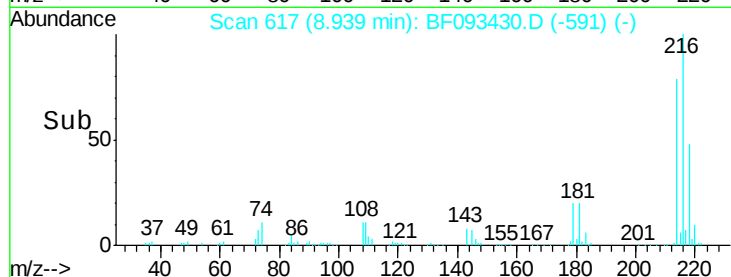
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.20 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	470454
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
179	21.5	17.4	26.2
108	18.7	15.6	23.4

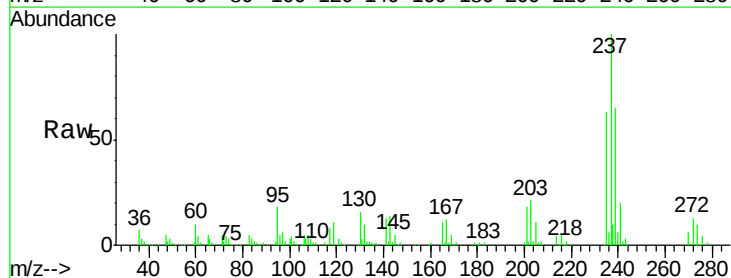


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

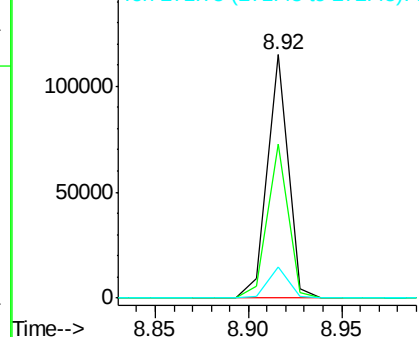
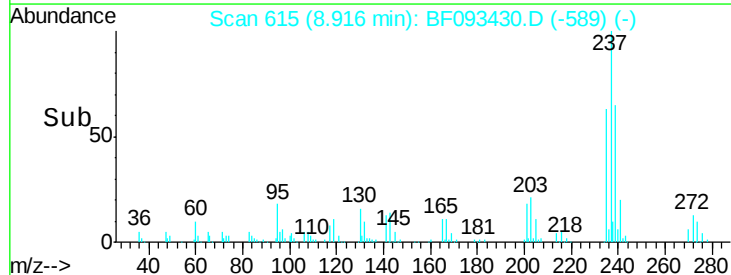


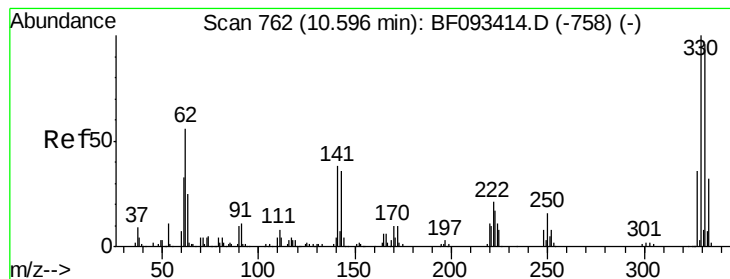
#40
 Hexachlorocyclopentadiene
 Concen: 40.71 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion:	237	Resp:	88560
Ion	Ratio	Lower	Upper
237	100		
235	63.4	41.2	81.2
272	12.6	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 85.75 ng

RT: 10.60 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

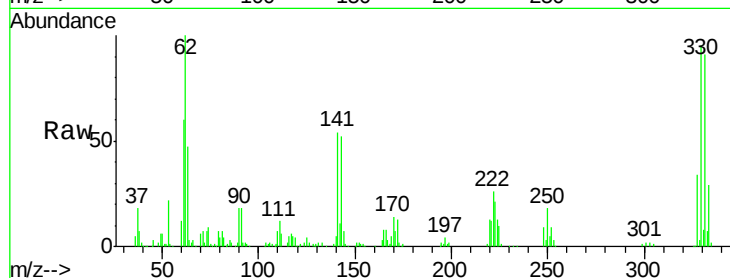
Tot Ion:330 Resp: 212959

Ion Ratio Lower Upper

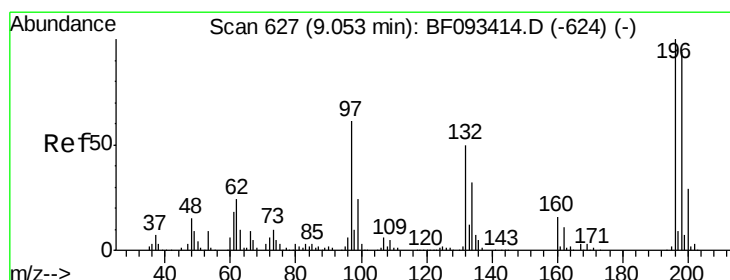
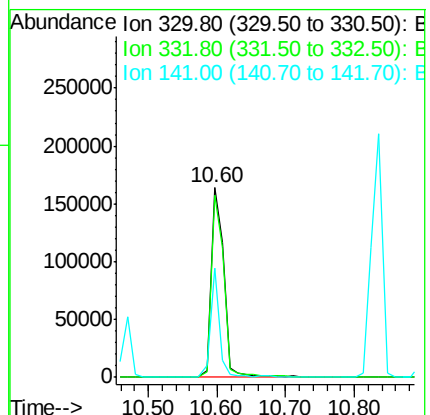
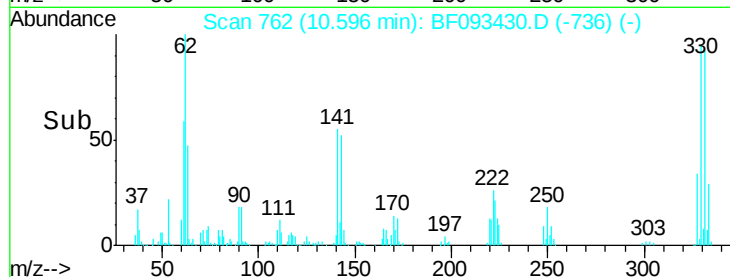
330 100

332 96.0 77.4 116.2

141 40.3 34.1 51.1



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



#42

2,4,6-Trichlorophenol

Concen: 44.21 ng

RT: 9.05 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

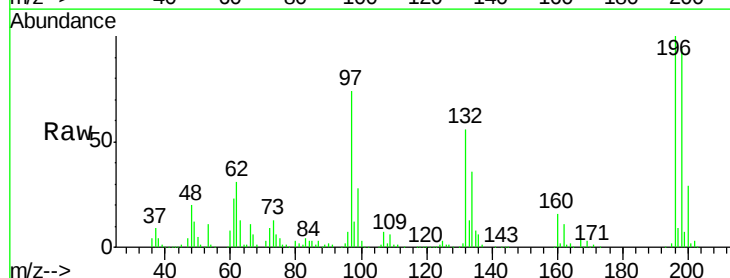
Tgt Ion:196 Resp: 287543

Ion Ratio Lower Upper

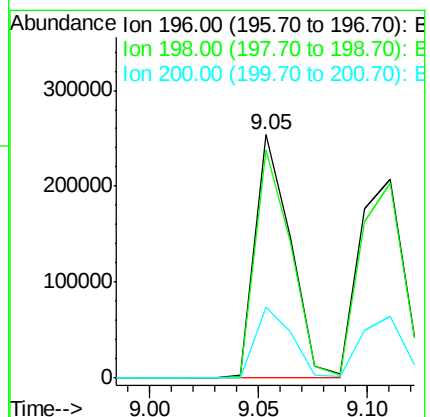
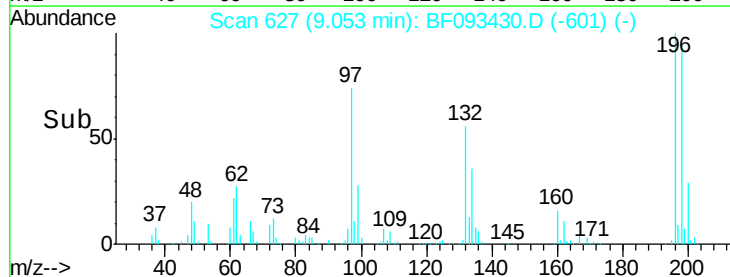
196 100

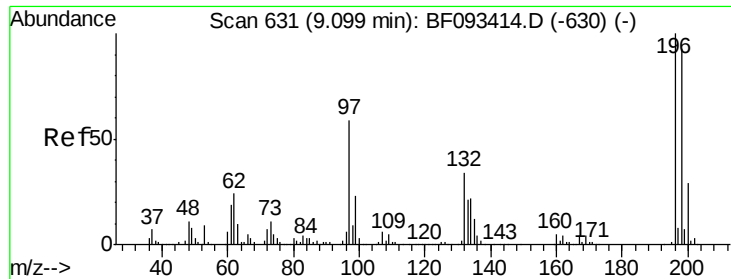
198 93.7 82.1 123.1

200 29.0 27.0 40.4



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

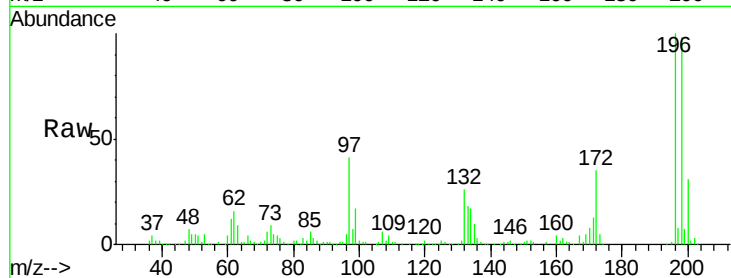




#43
 2,4,5-Trichlorophenol
 Concen: 44.50 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	79.4	119.2
97	41.1	51.5	77.3#
132	25.7	27.4	41.2#



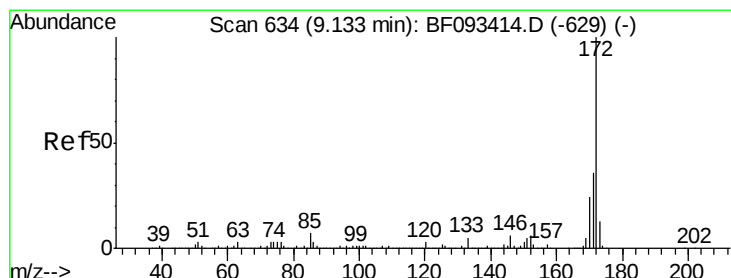
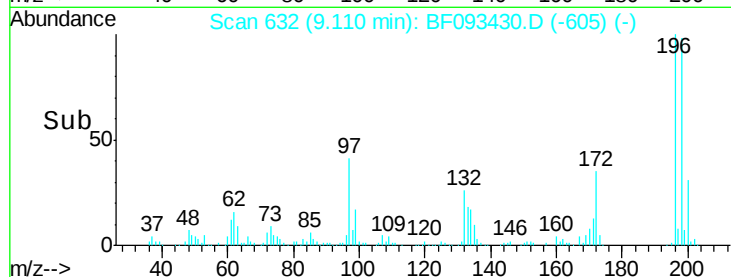
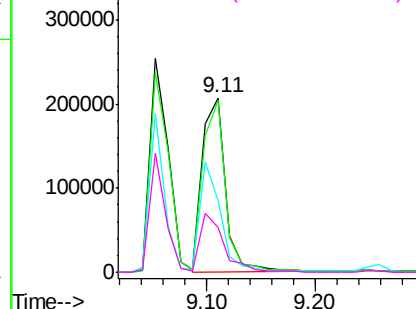
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

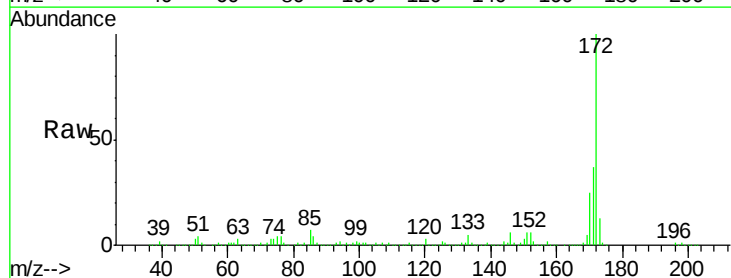
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.68 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.9	20.2	30.4

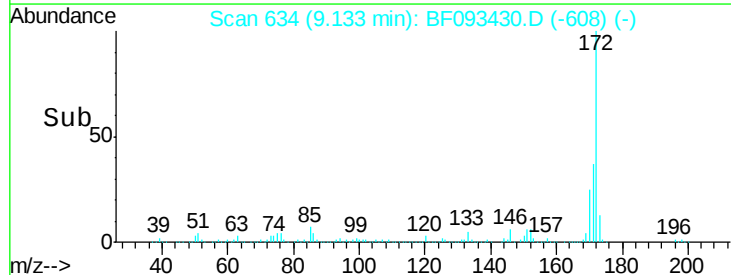
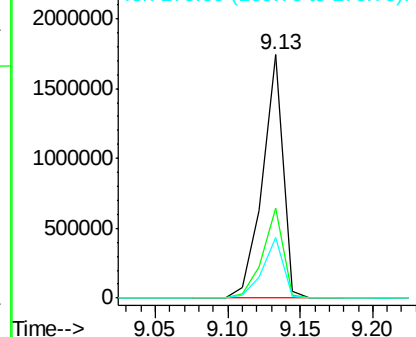


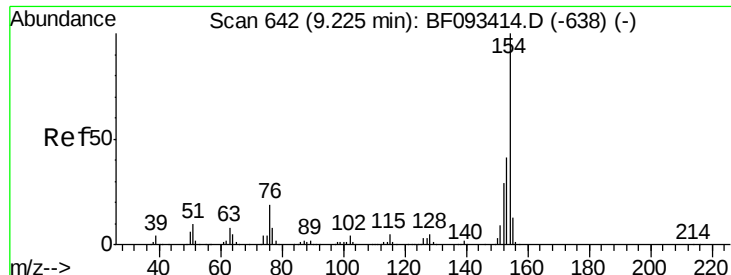
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



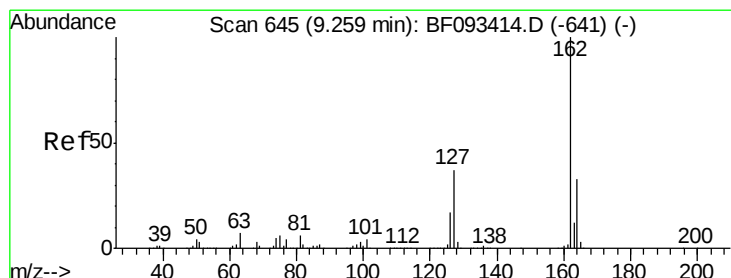
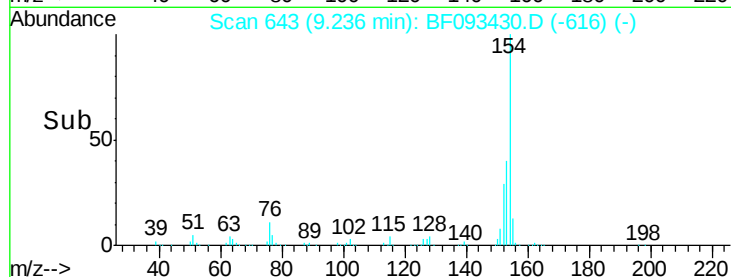
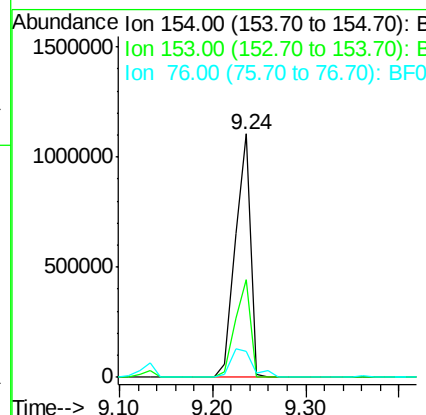
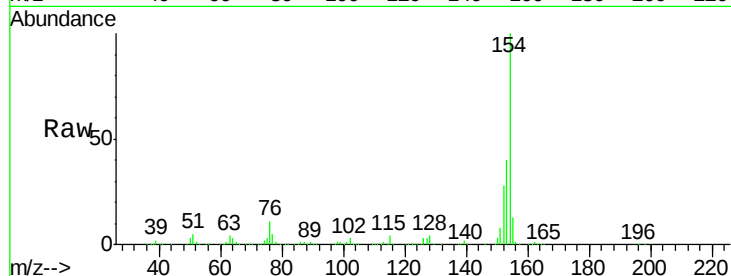


#45
 1,1'-Biphenyl
 Concen: 45.40 ng
 RT: 9.24 min Scan# 643
 Delta R.T. 0.01 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:154 Resp: 1260810

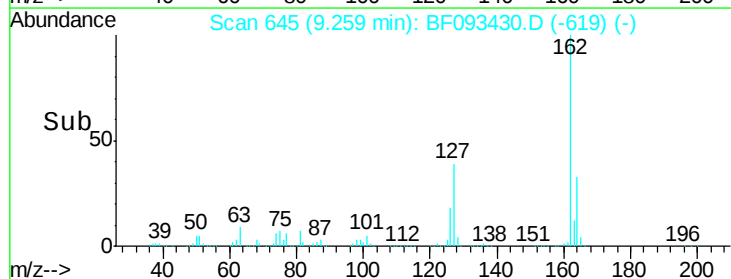
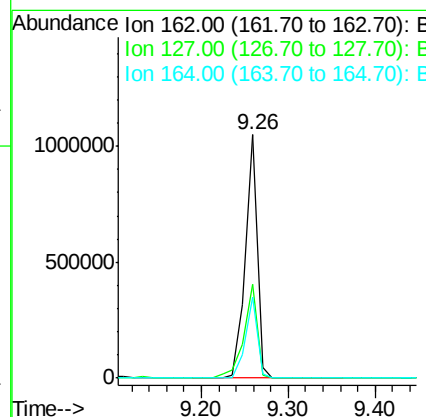
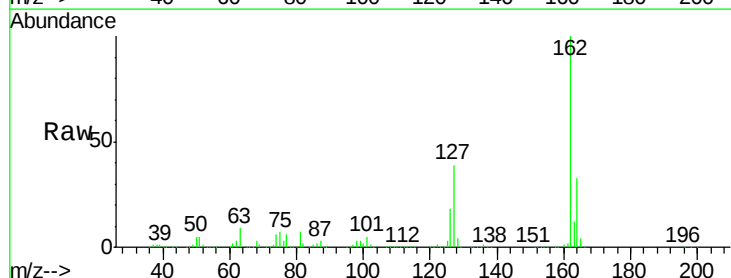
Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.9	60.9
76	10.9	0.0	30.5

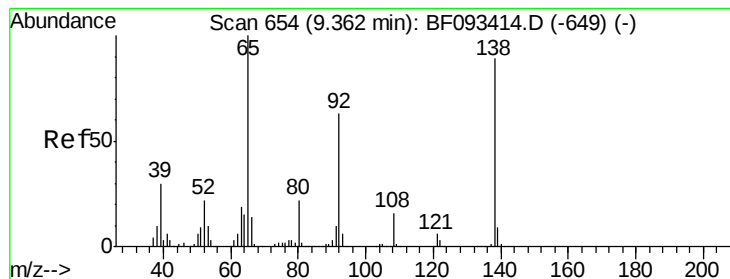


#46
 2-Chloronaphthalene
 Concen: 46.42 ng
 RT: 9.26 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion:162 Resp: 986646

Ion	Ratio	Lower	Upper
162	100		
127	38.8	30.7	46.1
164	33.2	27.6	41.4





#47

2-Nitroaniline

Concen: 44.71 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

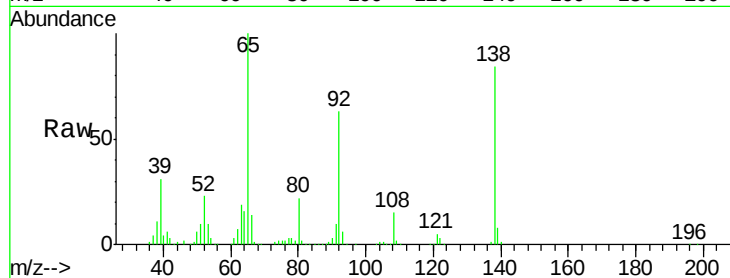
Tot Ion: 65 Resp: 335996

Ion Ratio Lower Upper

65 100

92 63.0 53.9 80.9

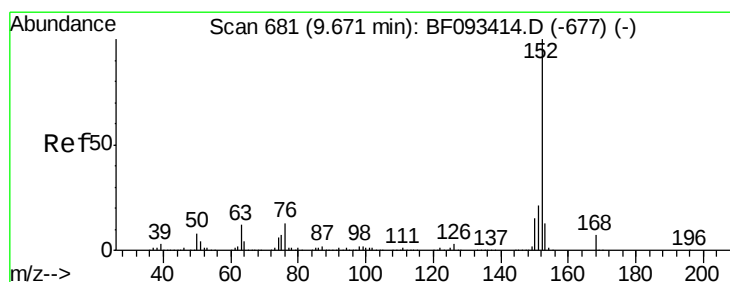
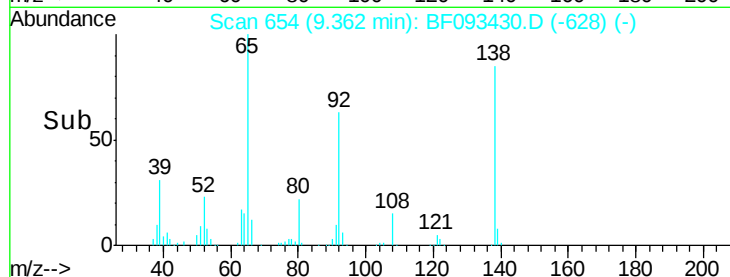
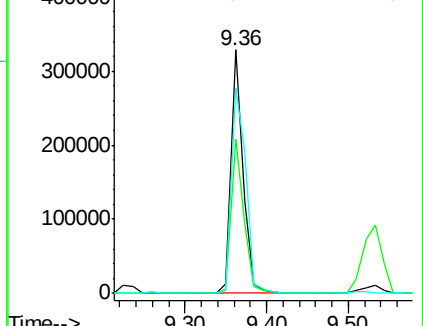
138 84.4 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 41.76 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

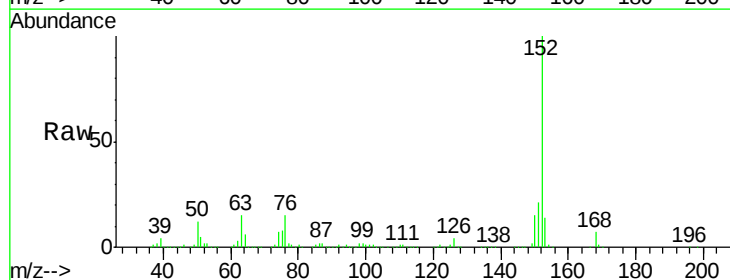
Tgt Ion: 152 Resp: 1464074

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

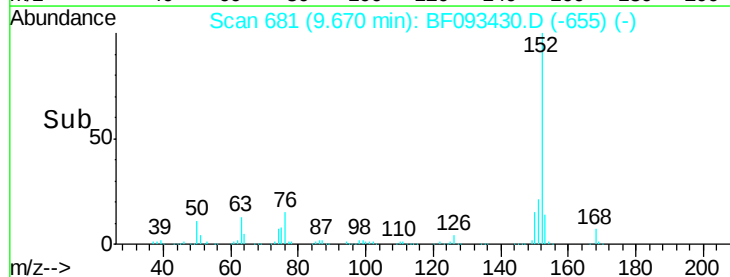
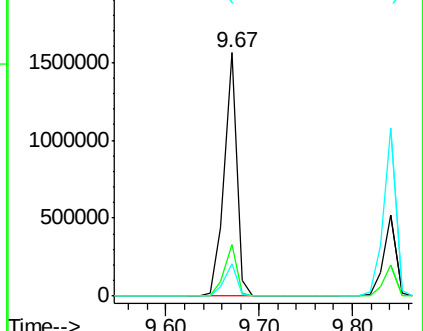
153 13.5 11.4 17.2

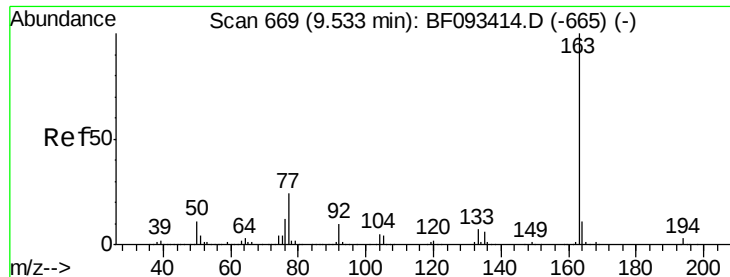


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

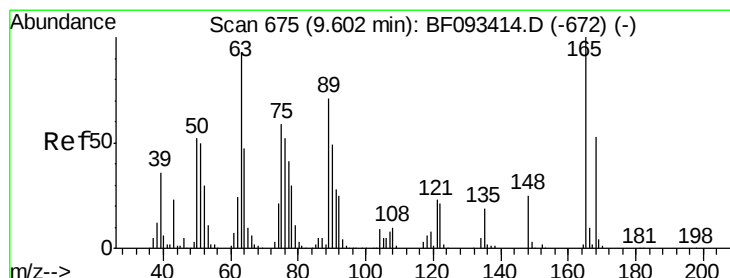
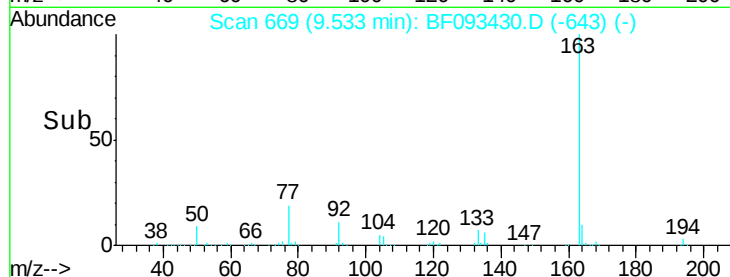
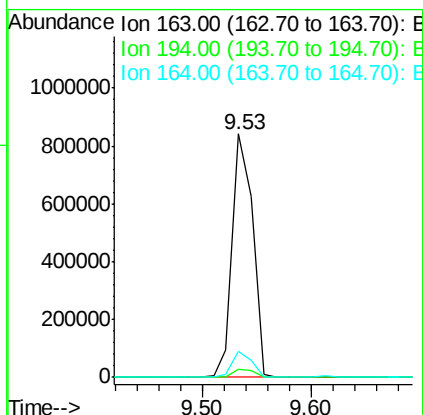
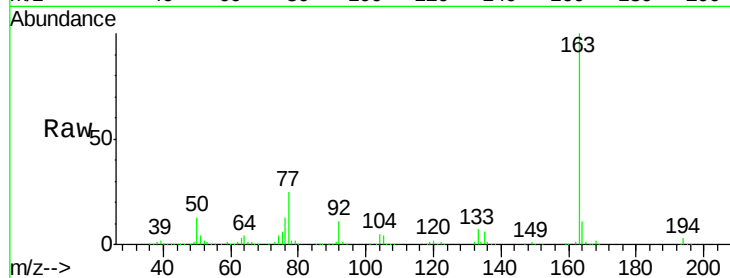




#49
Dimethylphthalate
Concen: 42.80 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

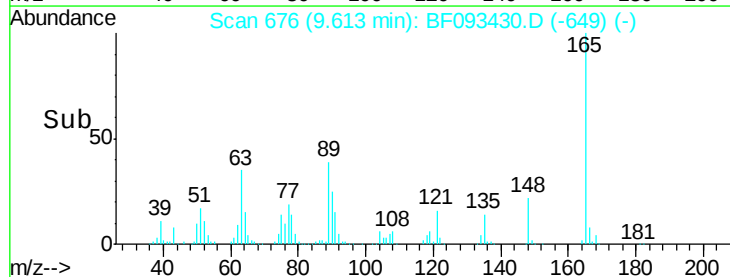
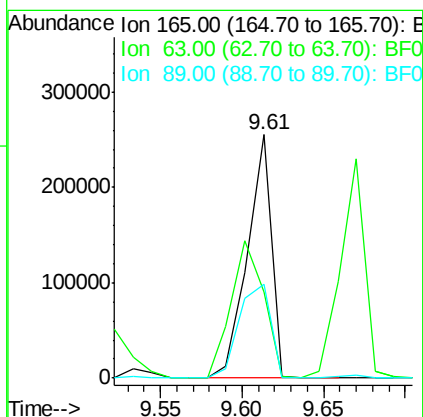
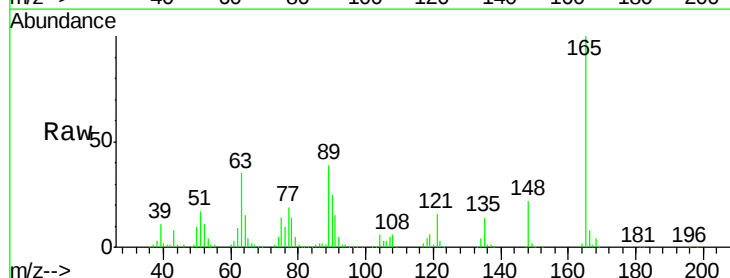
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

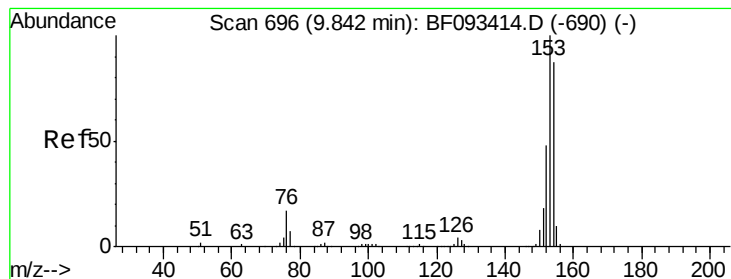
Tot Ion:163 Resp: 1081647
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.7 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 47.18 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion:165 Resp: 261632
Ion Ratio Lower Upper
165 100
63 35.3 36.2 54.4#
89 38.8 40.2 60.4#





#51

Acenaphthene

Concen: 42.83 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

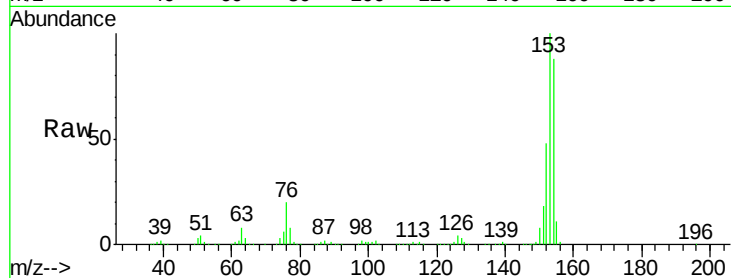
Tot Ion:154 Resp: 887936

Ion Ratio Lower Upper

154 100

153 113.8 88.6 133.0

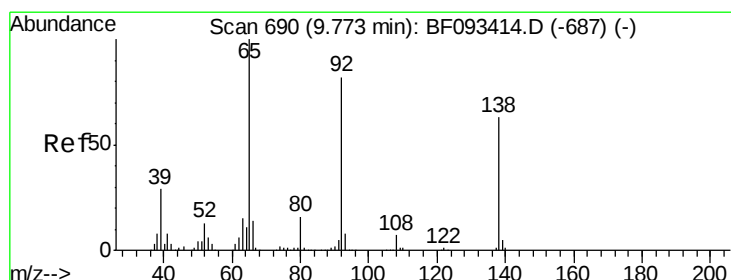
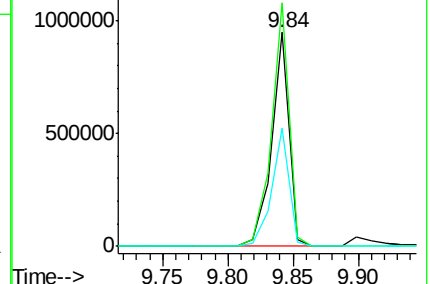
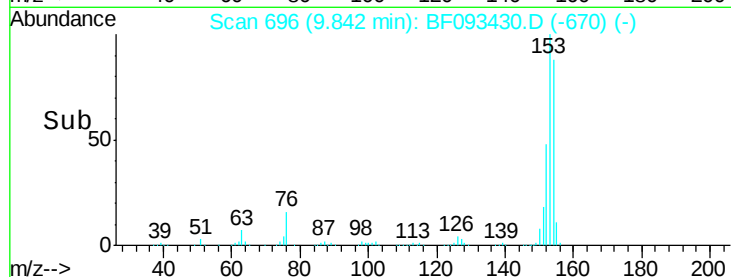
152 55.0 41.6 62.4



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: 46.49 ng

RT: 9.78 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

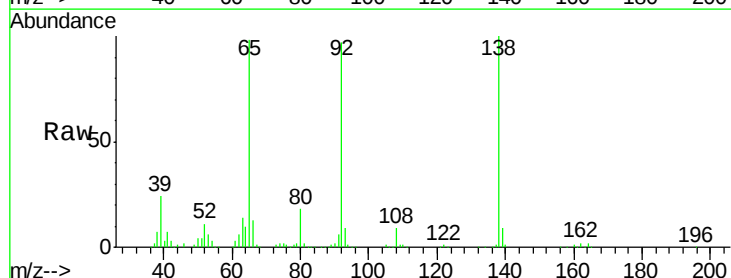
Tgt Ion:138 Resp: 309731

Ion Ratio Lower Upper

138 100

108 8.7 8.5 12.7

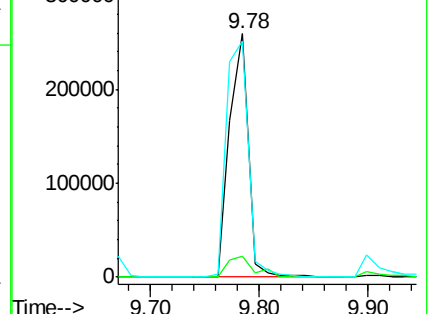
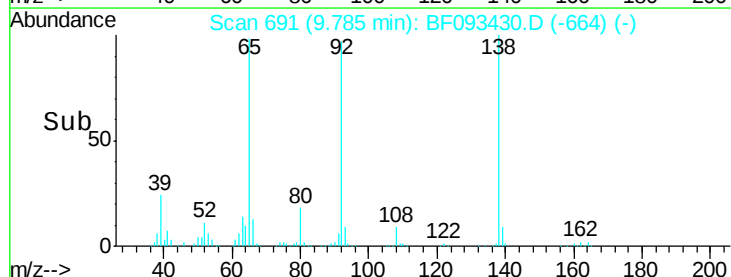
92 97.0 97.8 146.8#

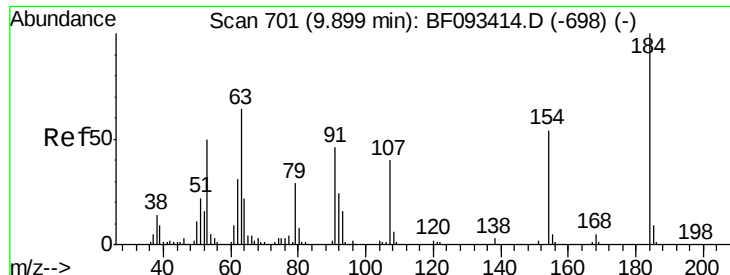


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

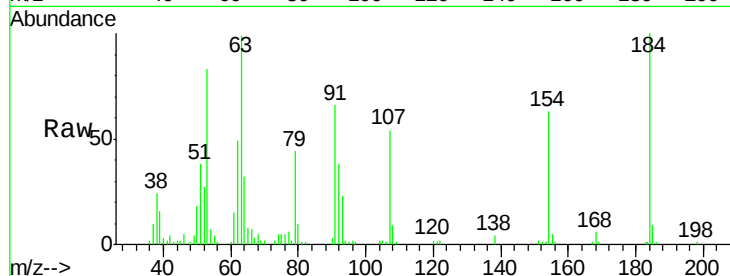




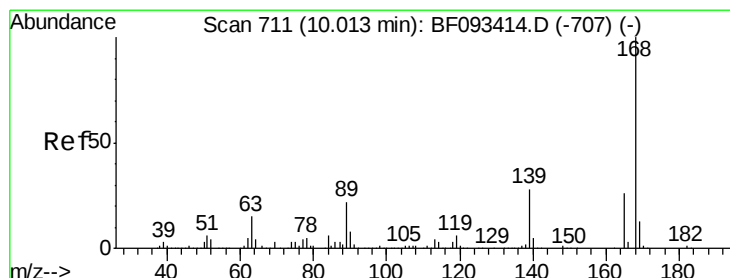
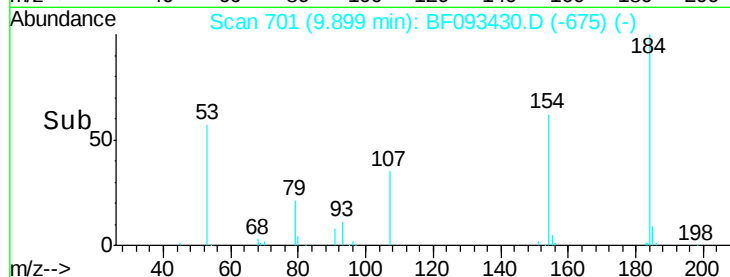
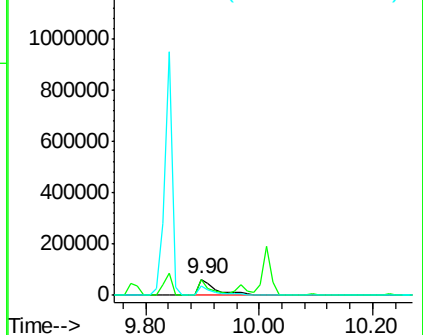
#53
2,4-Dinitrophenol
Concen: 54.14 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 136733
Ion Ratio Lower Upper
184 100
63 99.5 28.4 42.6#
154 62.7 44.3 66.5

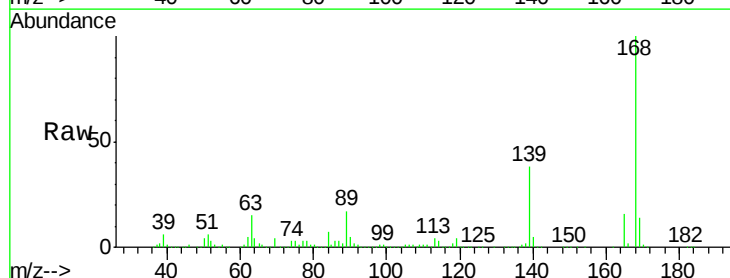


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

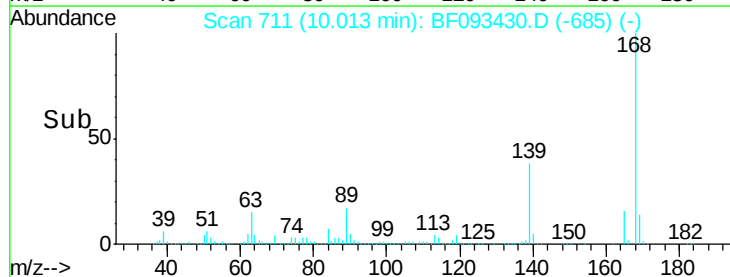
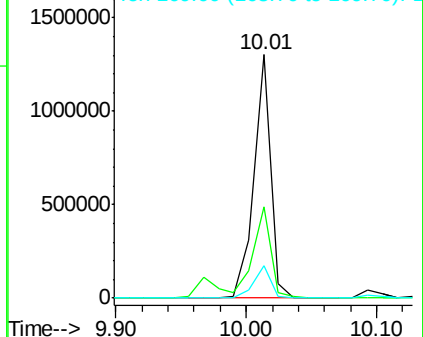


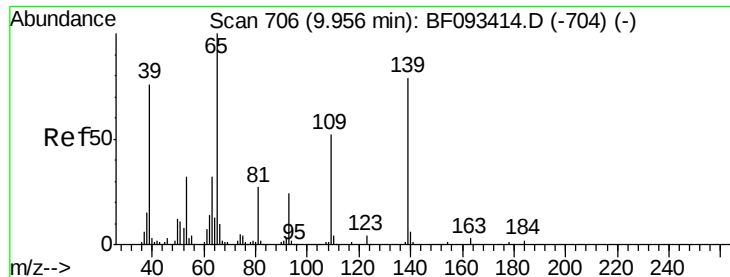
#54
Dibenzofuran
Concen: 45.08 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion:168 Resp: 1169740
Ion Ratio Lower Upper
168 100
139 37.6 32.6 49.0
169 13.5 11.3 16.9



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

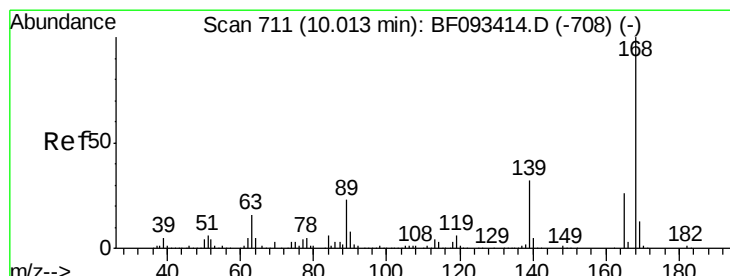
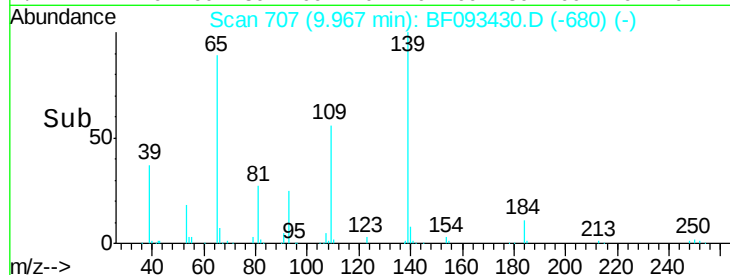
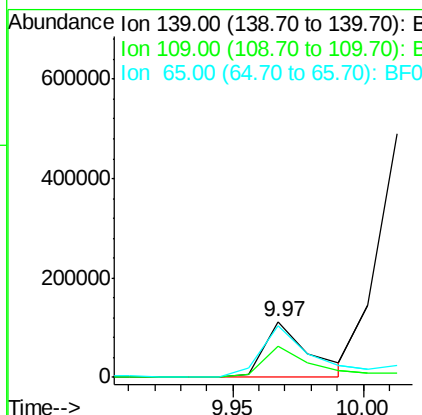
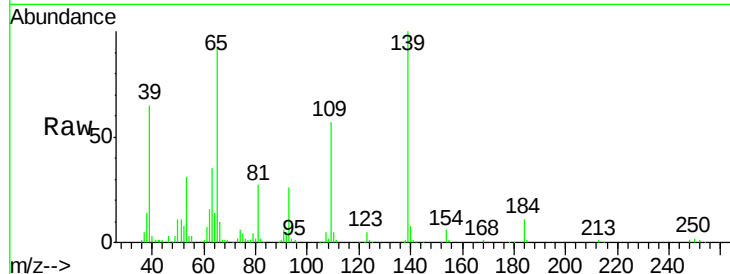




#55
4-Nitrophenol
Concen: 41.24 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

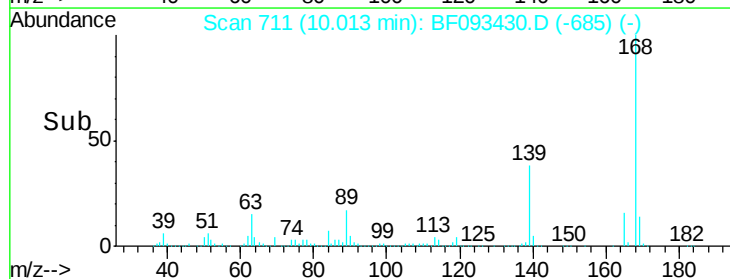
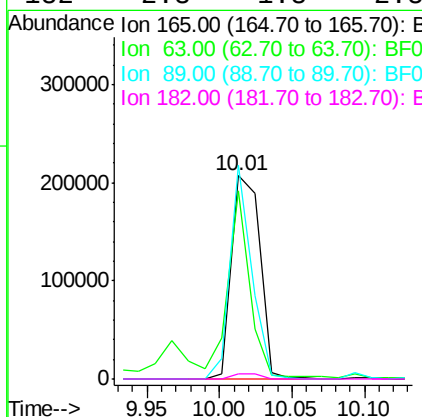
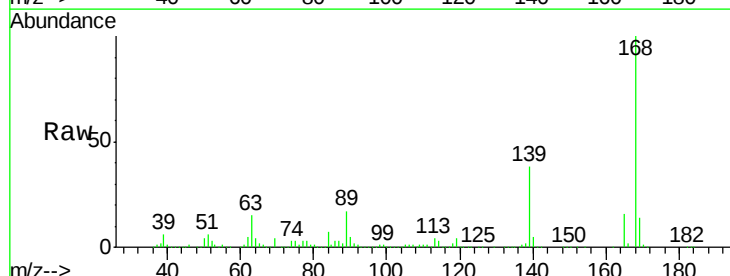
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

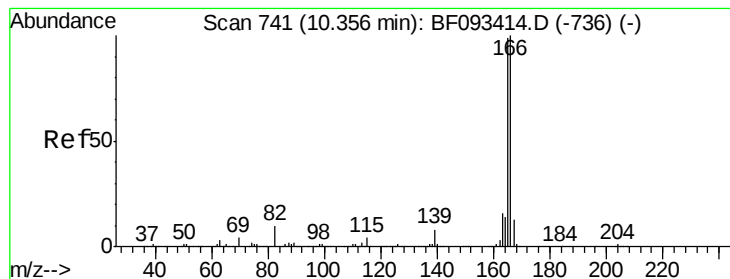
Tot Ion:139 Resp: 133442
Ion Ratio Lower Upper
139 100
109 56.7 52.2 92.2
65 92.0 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 41.42 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion:165 Resp: 282185
Ion Ratio Lower Upper
165 100
63 92.7 40.2 60.4#
89 105.1 62.5 93.7#
182 2.3 1.8 2.8





#57

Fluorene

Concen: 45.31 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

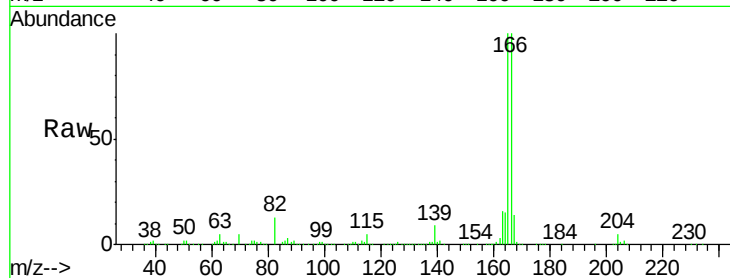
Tot Ion:166 Resp: 996280

Ion Ratio Lower Upper

166 100

165 99.8 77.8 116.8

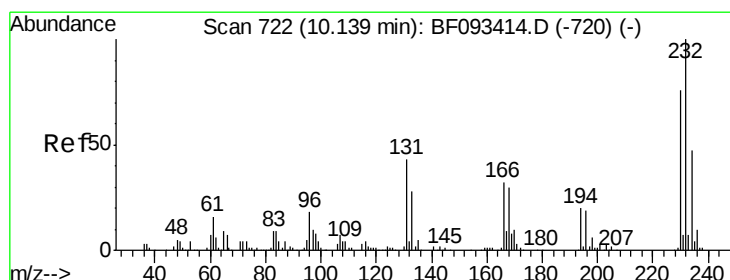
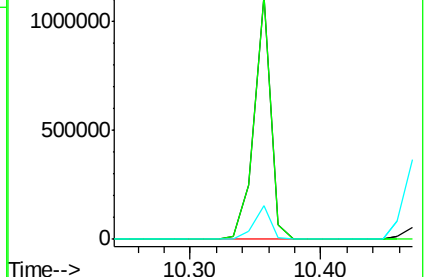
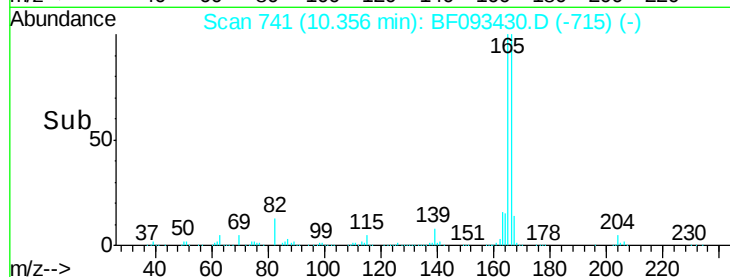
167 13.6 10.8 16.2



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: 45.68 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Tgt Ion:232 Resp: 224955

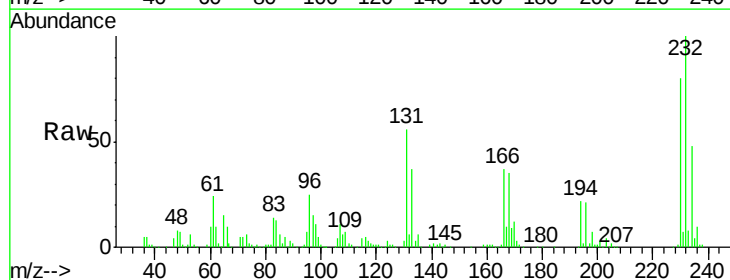
Ion Ratio Lower Upper

232 100

131 46.8 40.1 60.1

130 2.2 1.8 2.8

166 31.1 26.6 39.8

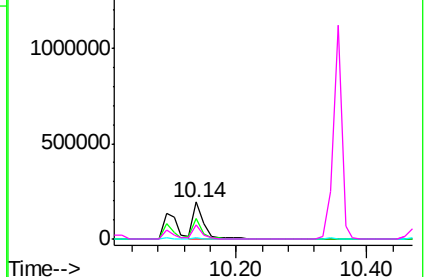
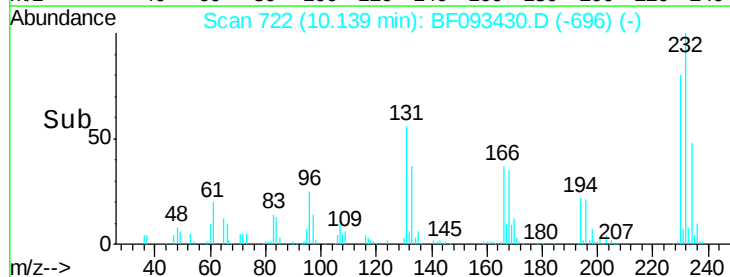


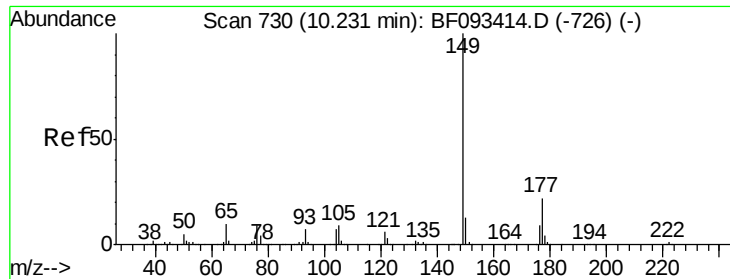
Abundance Ion 232.00 (231.70 to 232.70): E

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

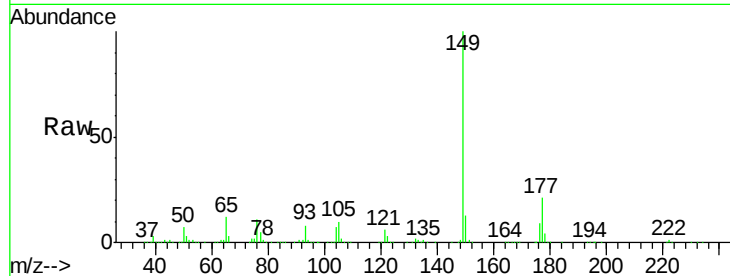




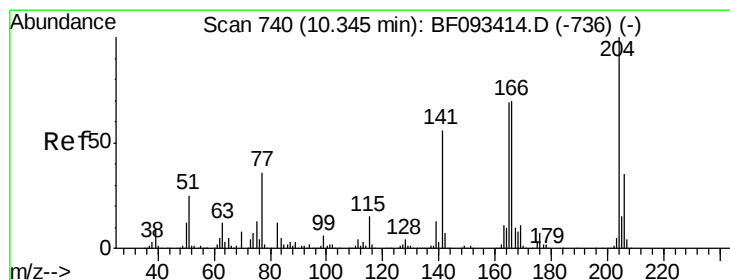
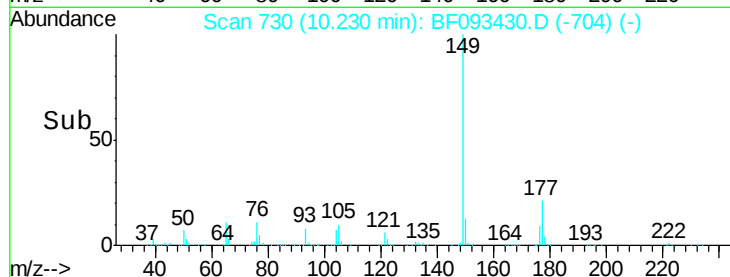
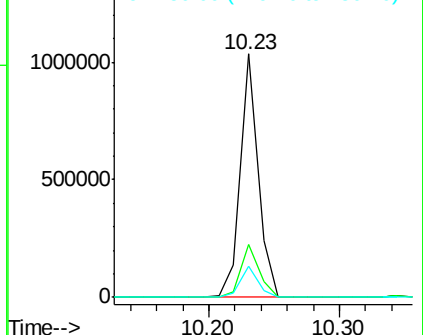
#59
Diethylphthalate
Concen: 40.51 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 978524
Ion Ratio Lower Upper
149 100
177 21.5 16.6 25.0
150 12.9 10.4 15.6

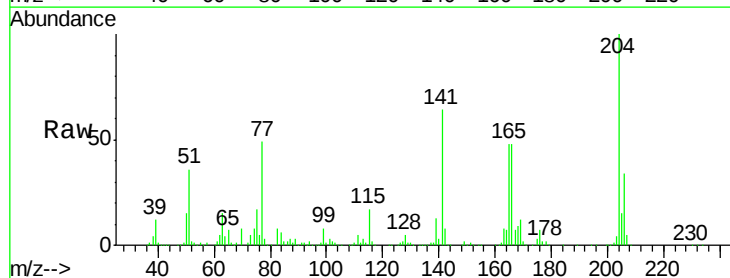


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

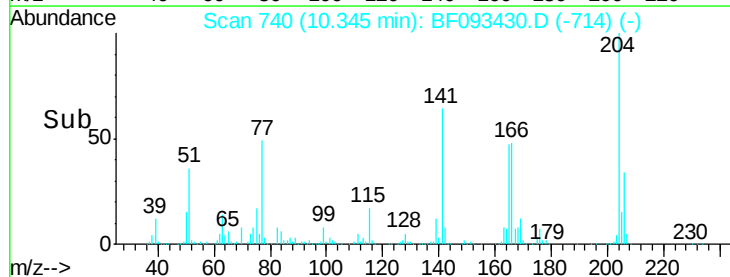
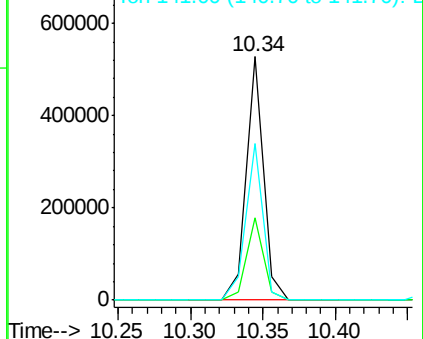


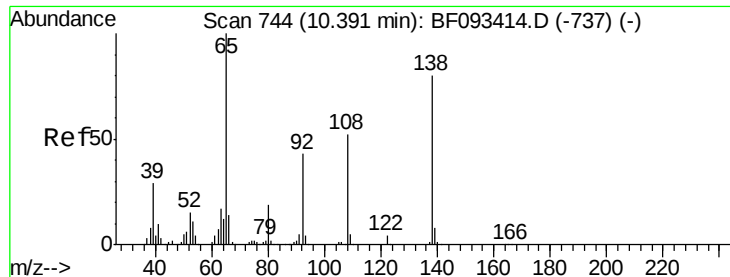
#60
4-Chlorophenyl-phenylether
Concen: 44.50 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion:204 Resp: 438595
Ion Ratio Lower Upper
204 100
206 34.0 25.8 38.6
141 64.2 59.4 89.0



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





#61

4-Nitroaniline

Concen: 46.59 ng

RT: 10.40 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

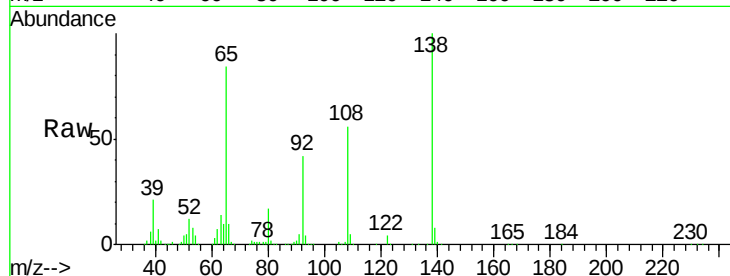
Tot Ion:138 Resp: 317456

Ion Ratio Lower Upper

138 100

92 41.8 31.7 71.7

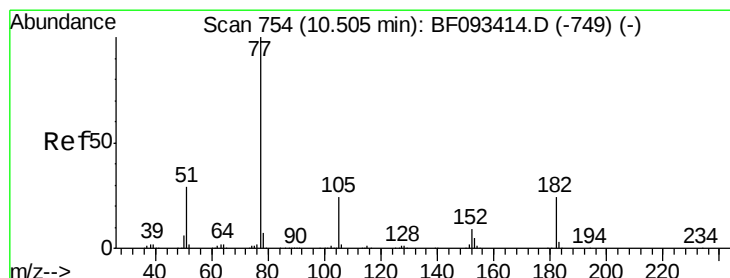
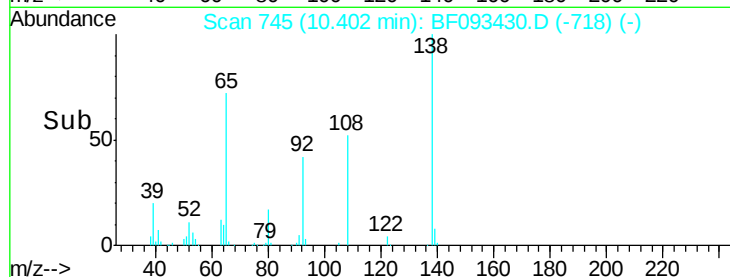
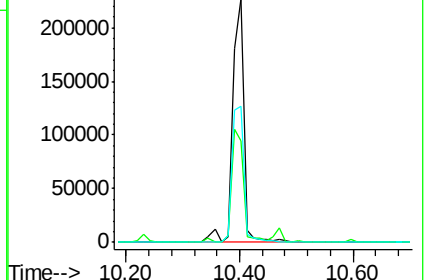
108 55.9 52.6 92.6



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: 44.50 ng

RT: 10.50 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Tgt Ion: 77 Resp: 1221282

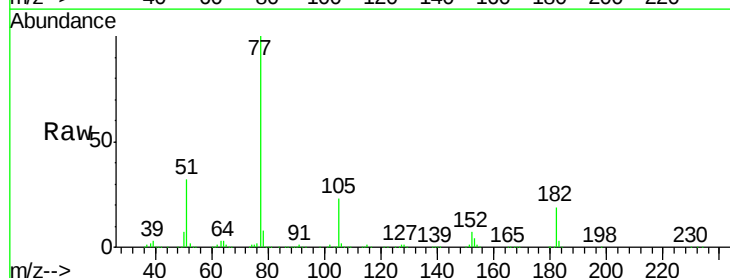
Ion Ratio Lower Upper

77 100

182 19.1 0.0 39.3

105 23.0 2.3 42.3

51 32.3 8.9 48.9

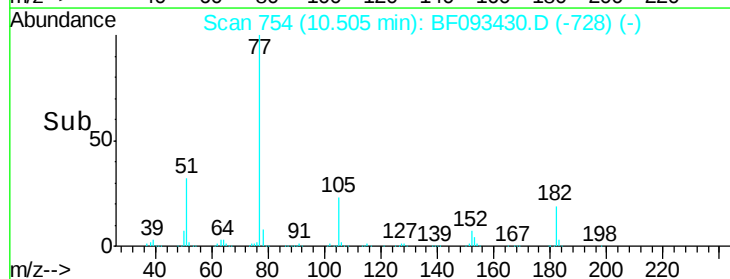
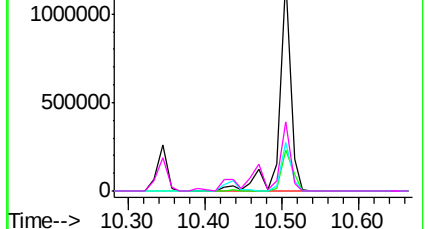


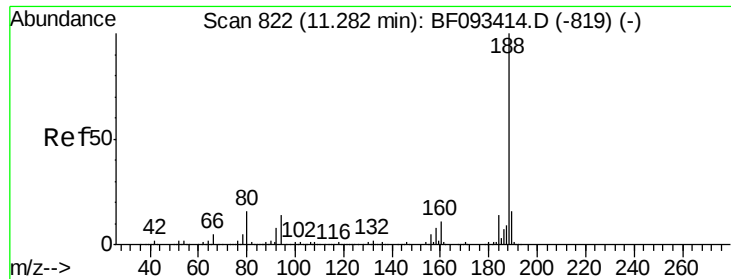
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.29 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

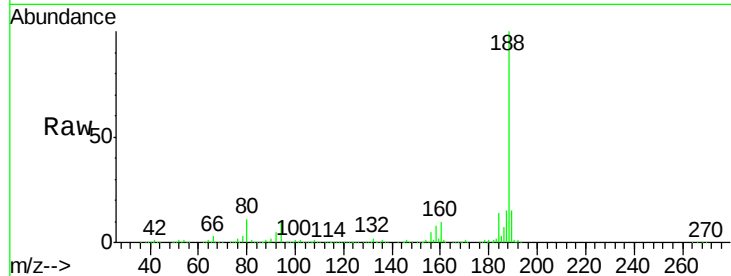
Tot Ion:188 Resp: 700534

Ion Ratio Lower Upper

188 100

94 10.1 10.0 15.0

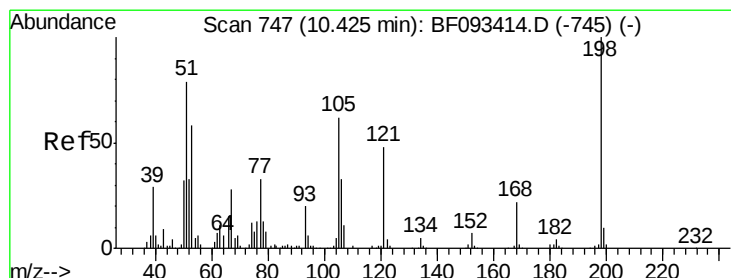
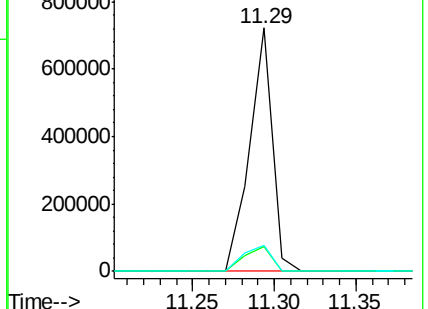
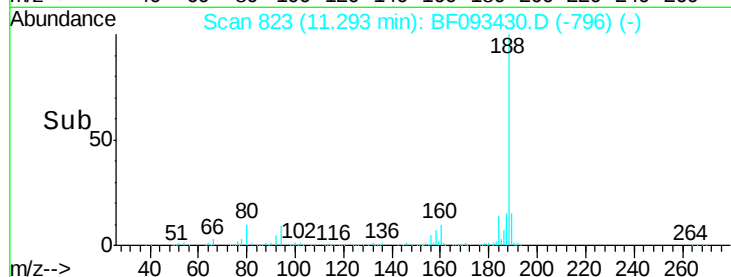
80 10.5 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.79 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

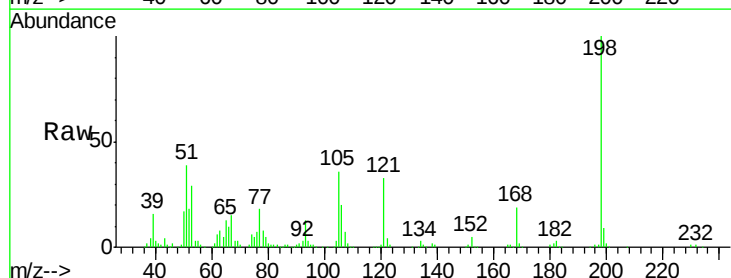
Tgt Ion:198 Resp: 176065

Ion Ratio Lower Upper

198 100

51 38.8 6.7 46.7

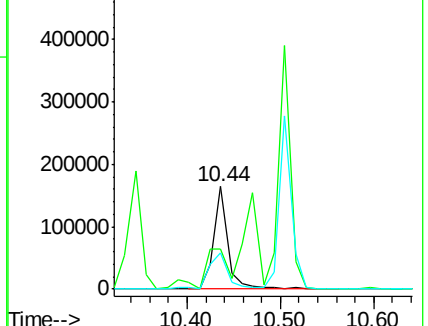
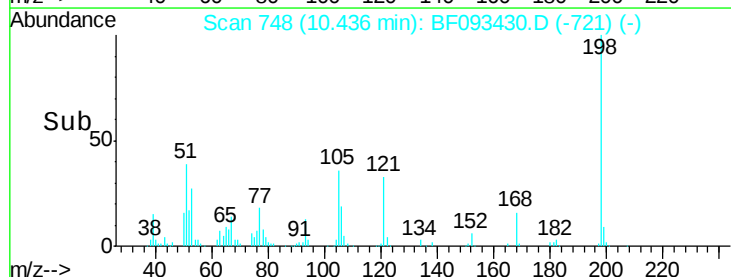
105 35.8 16.6 56.6

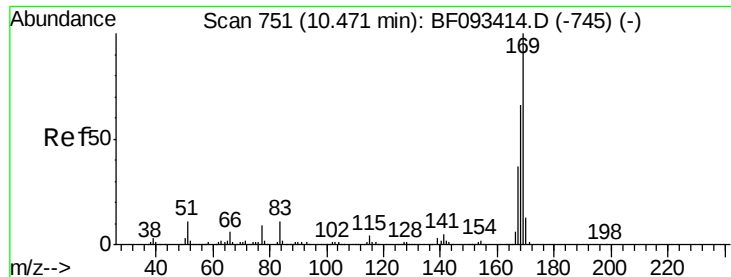


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.35 ng

RT: 10.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

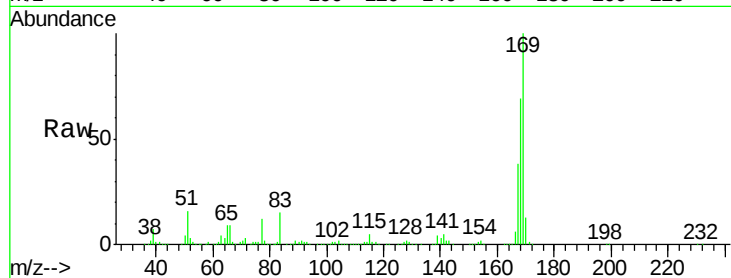
Tot Ion:169 Resp: 873627

Ion Ratio Lower Upper

169 100

168 68.5 54.2 81.2

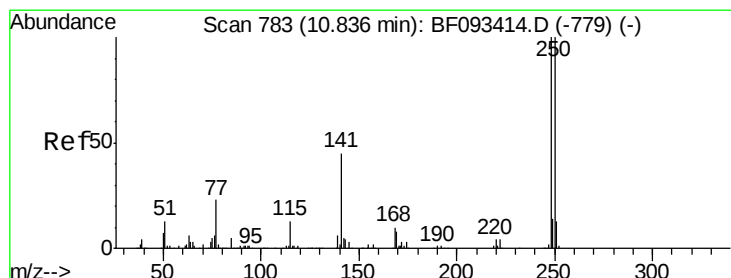
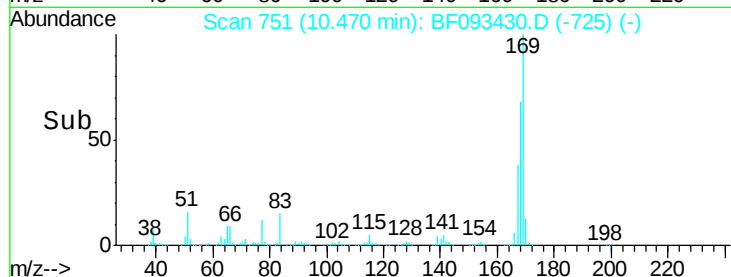
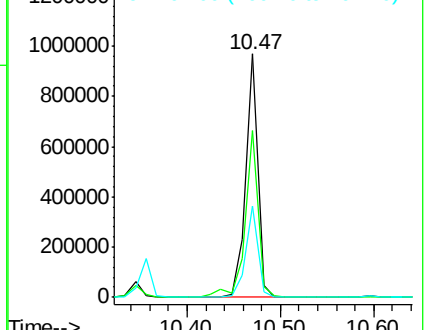
167 37.7 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.01 ng

RT: 10.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

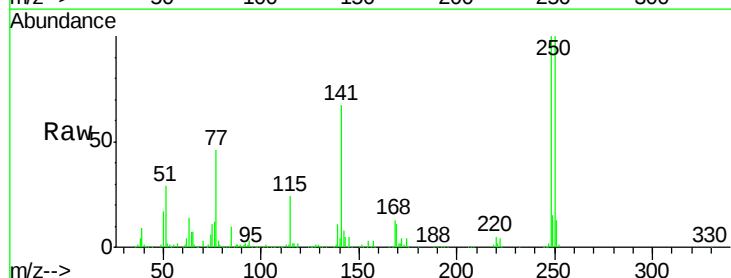
Tgt Ion:248 Resp: 281584

Ion Ratio Lower Upper

248 100

250 99.8 76.9 115.3

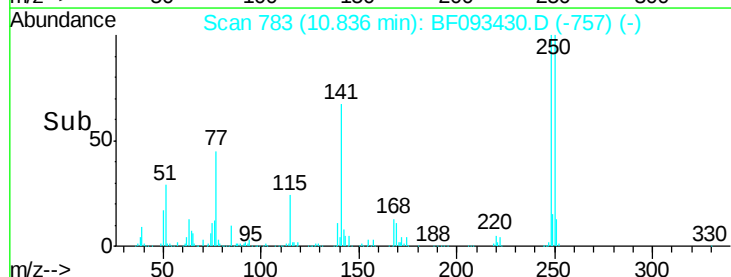
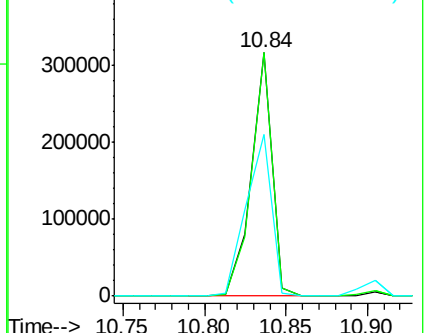
141 66.6 68.2 102.4#

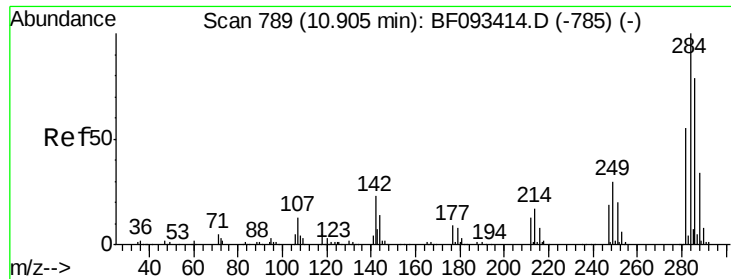


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

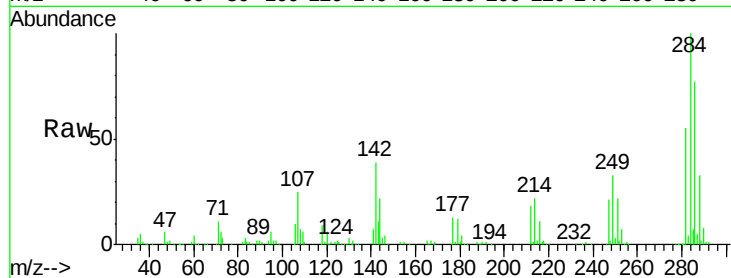




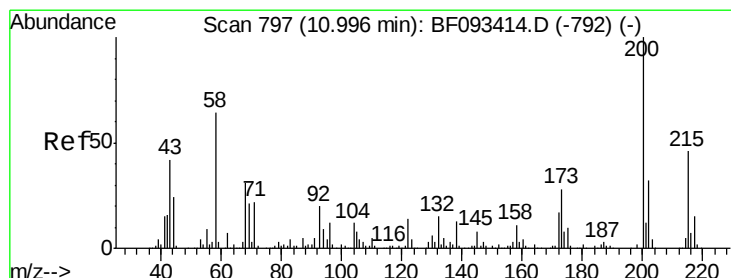
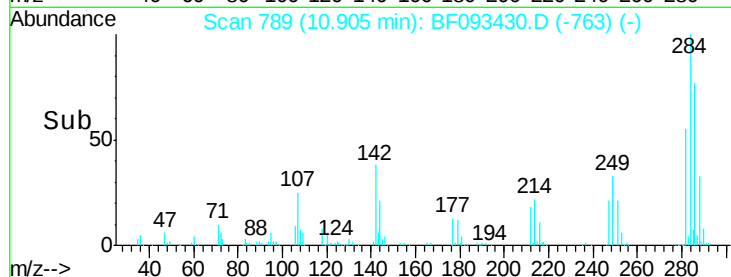
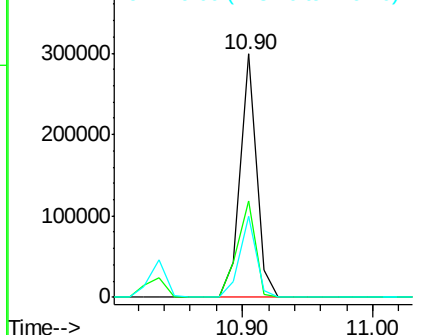
#67
Hexachlorobenzene
Concen: 36.71 ng
RT: 10.90 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 259650
Ion Ratio Lower Upper
284 100
142 39.5 22.6 33.8#
249 33.5 25.4 38.0

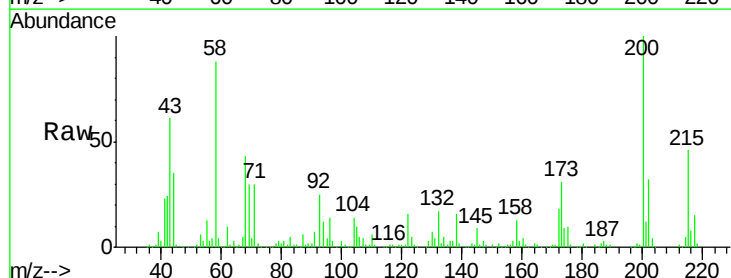


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

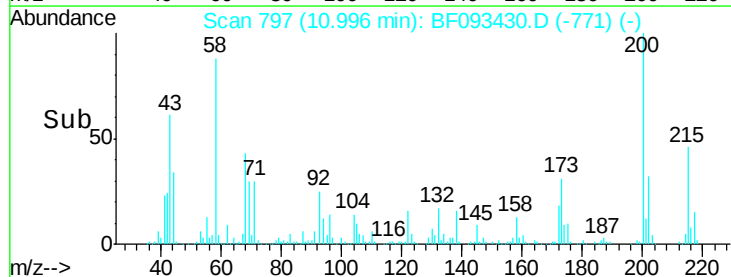
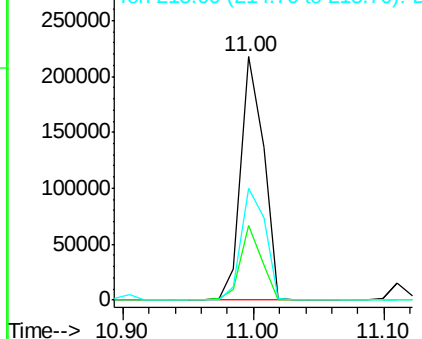


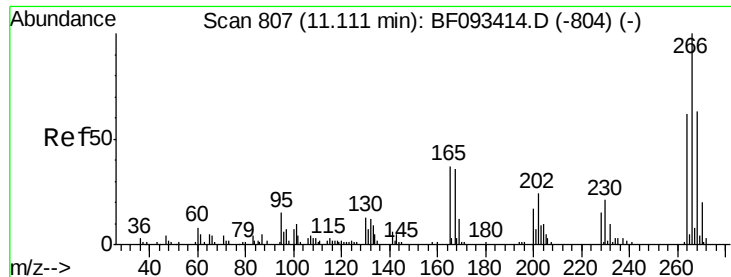
#68
Atrazine
Concen: 38.60 ng
RT: 11.00 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion:200 Resp: 264287
Ion Ratio Lower Upper
200 100
173 30.5 9.6 49.6
215 45.9 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

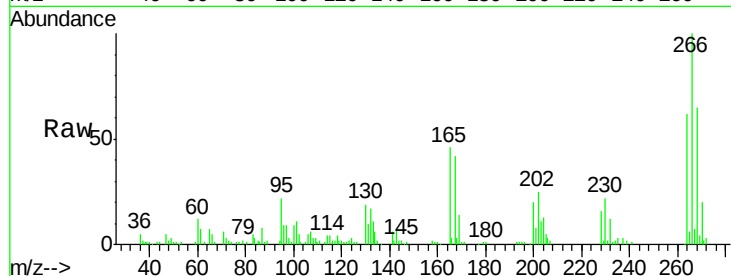




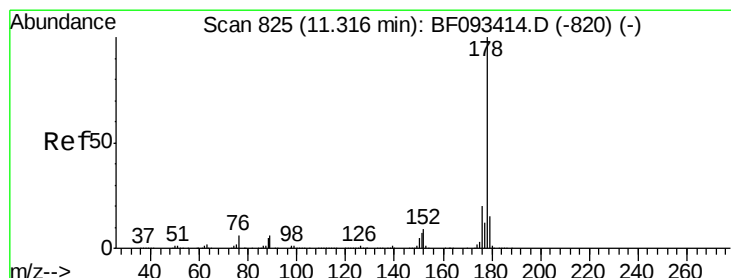
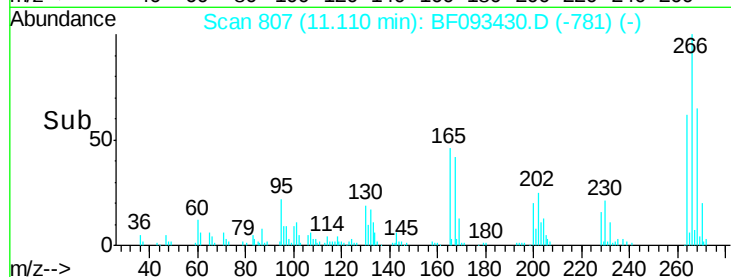
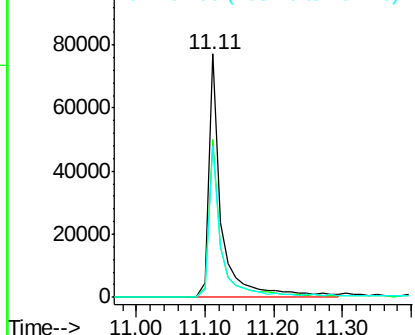
#69
 Pentachlorophenol
 Concen: 41.36 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 101007
 Ion Ratio Lower Upper
 266 100
 268 65.0 53.3 79.9
 264 62.1 50.3 75.5

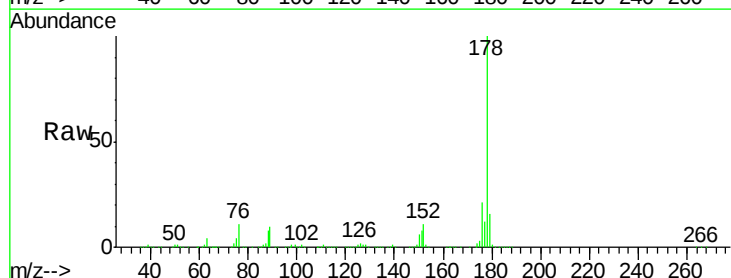


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

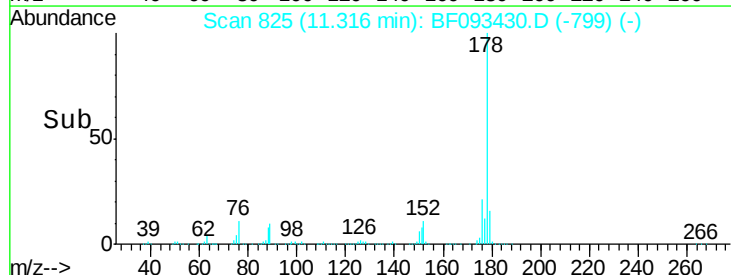
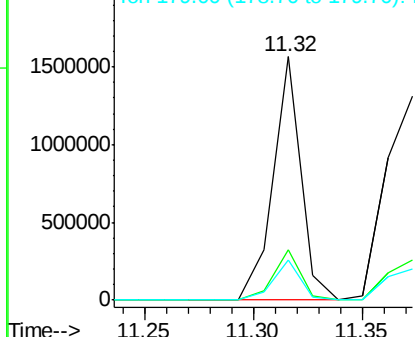


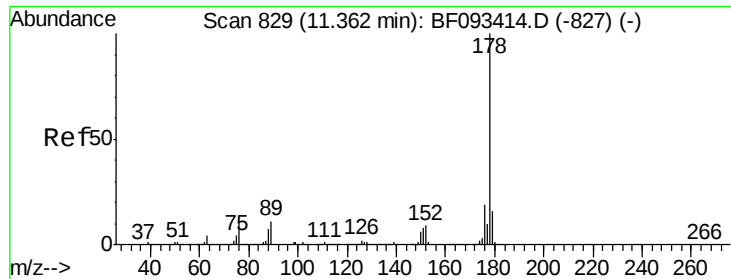
#70
 Phenanthrene
 Concen: 35.30 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion:178 Resp: 1411380
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.6 25.0
 179 16.3 12.8 19.2



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

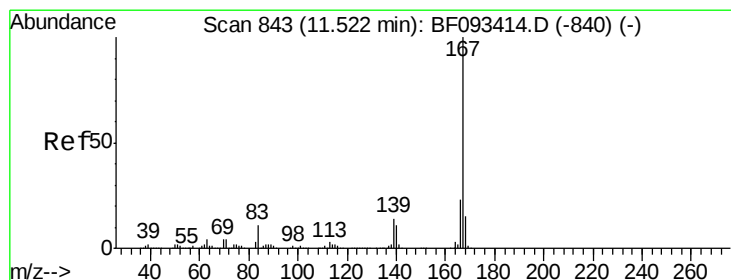
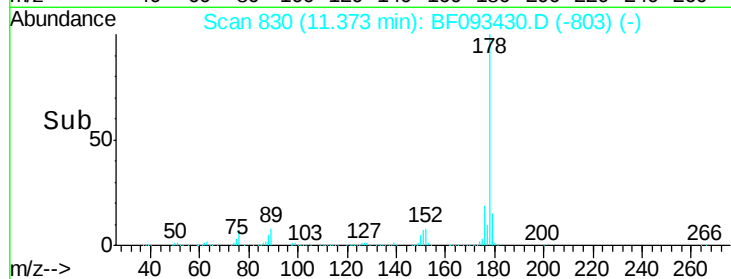
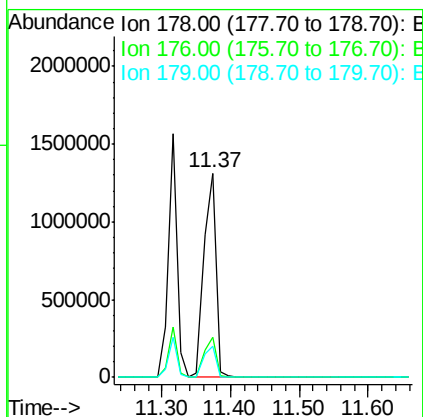
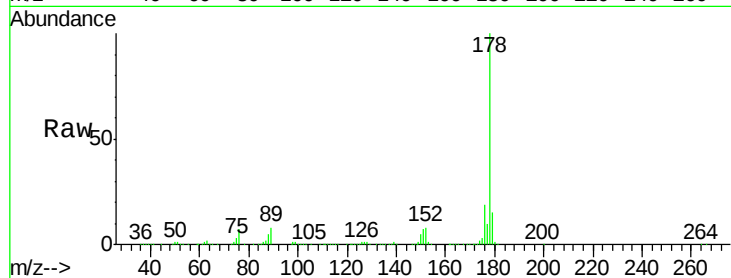




#71
 Anthracene
 Concen: 39.26 ng
 RT: 11.37 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

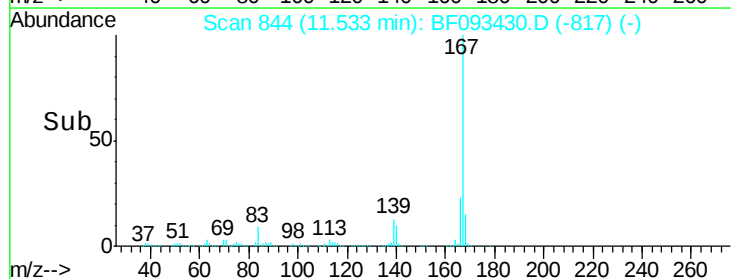
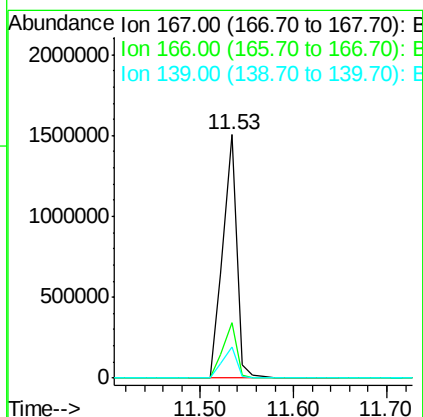
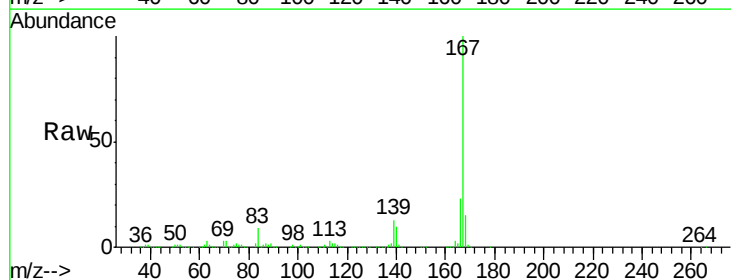
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

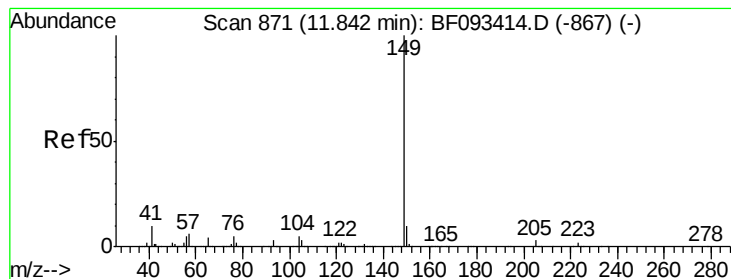
Tot Ion:178 Resp: 1587952
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.3 13.2 19.8



#72
 Carbazole
 Concen: 41.04 ng
 RT: 11.53 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion:167 Resp: 1559529
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 13.0 11.4 17.2





#73

Di-n-butylphthalate

Concen: 38.56 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

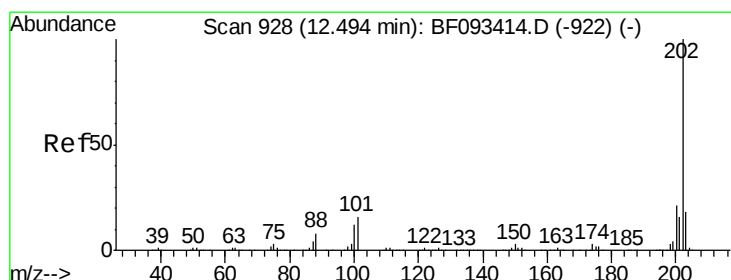
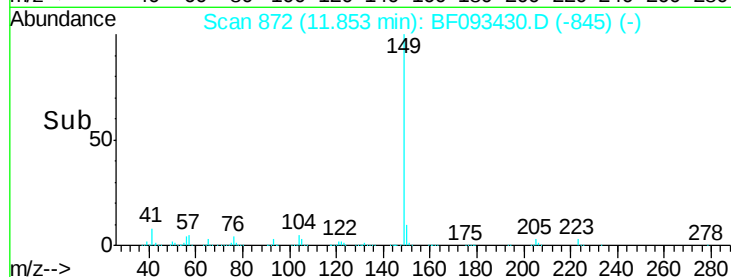
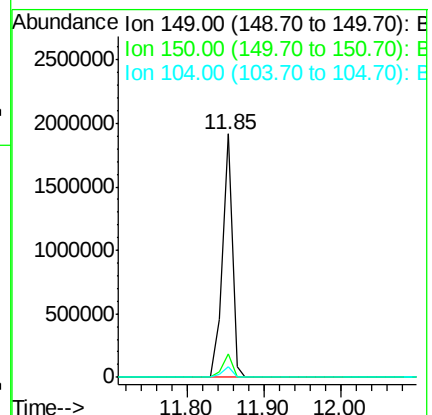
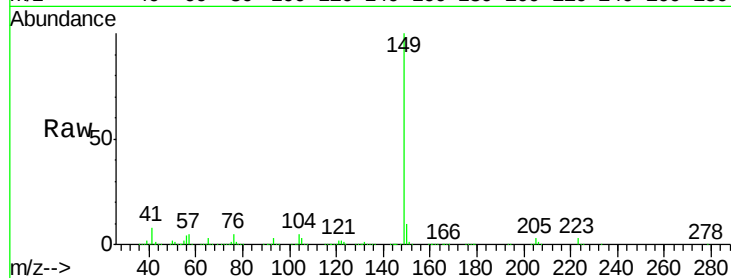
Tot Ion:149 Resp: 1694948

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

104 4.6 4.6 7.0#



#74

Fluoranthene

Concen: 36.89 ng

RT: 12.50 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

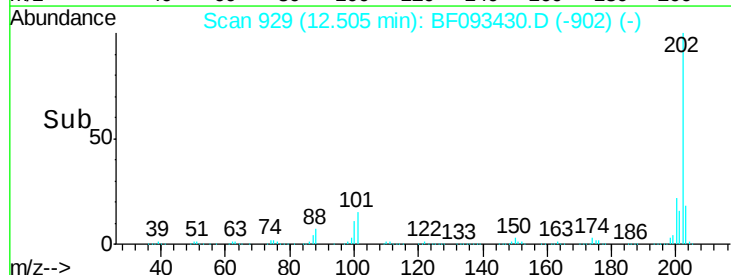
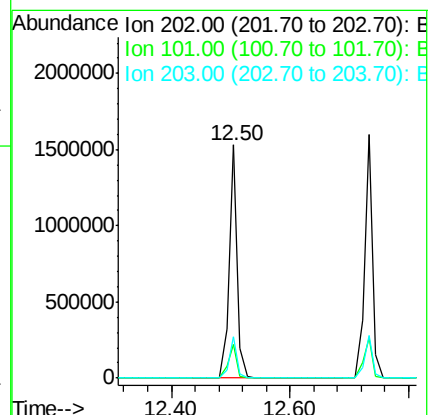
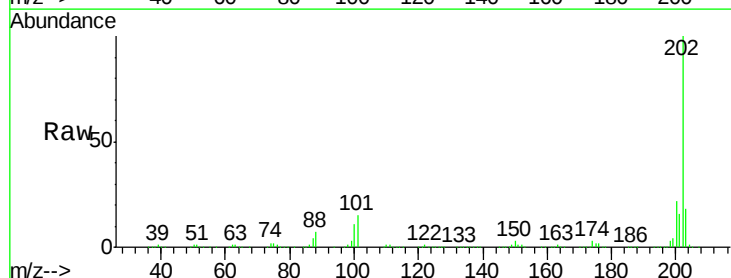
Tgt Ion:202 Resp: 1424977

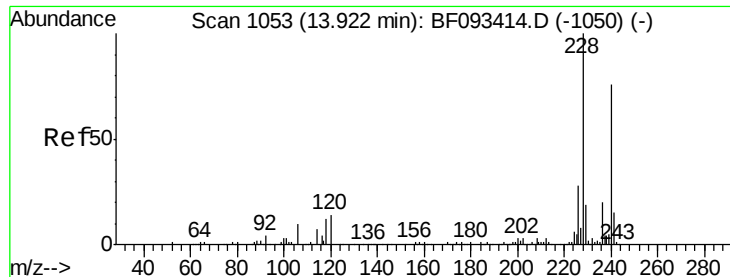
Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.6

203 17.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

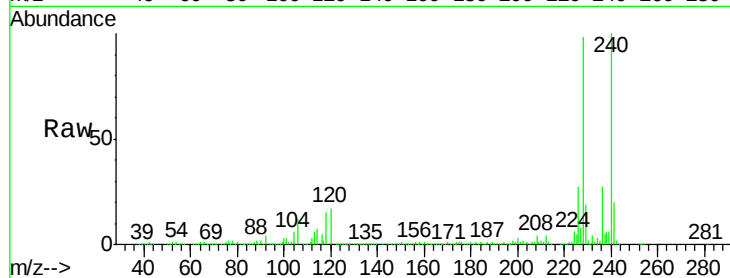
Tot Ion:240 Resp: 550057

Ion Ratio Lower Upper

240 100

120 17.2 12.9 19.3

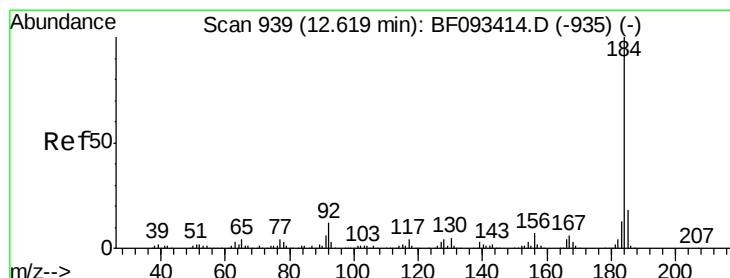
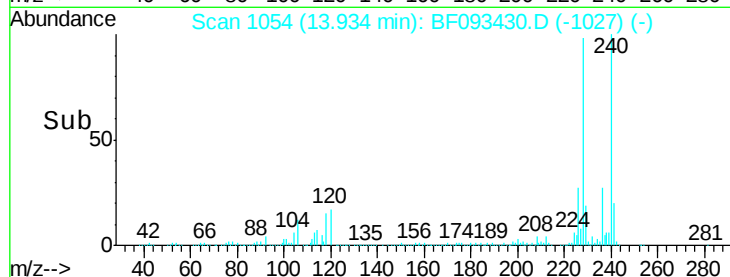
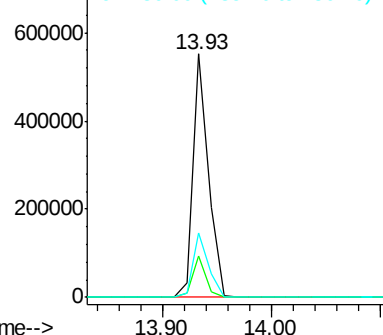
236 26.6 20.9 31.3



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: 43.40 ng

RT: 12.63 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

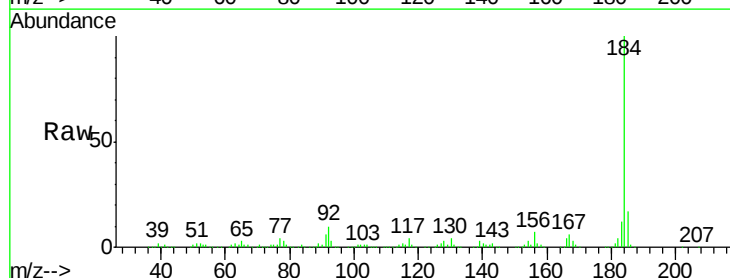
Tgt Ion:184 Resp: 785023

Ion Ratio Lower Upper

184 100

185 17.0 13.4 20.0

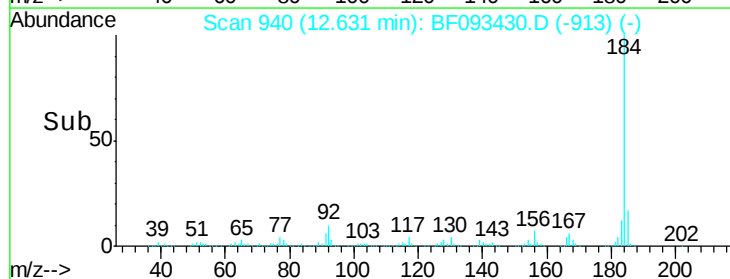
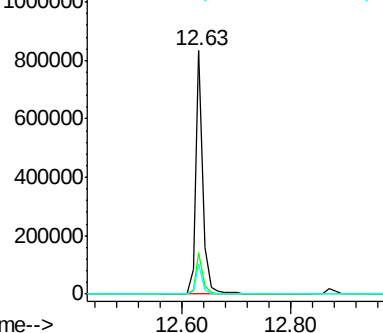
183 12.1 9.2 13.8

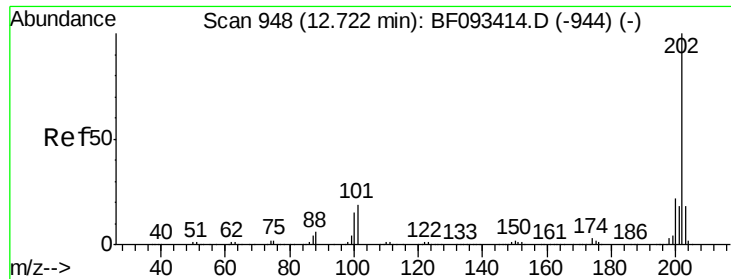


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

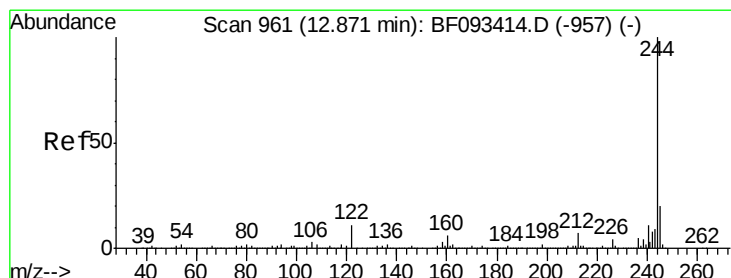
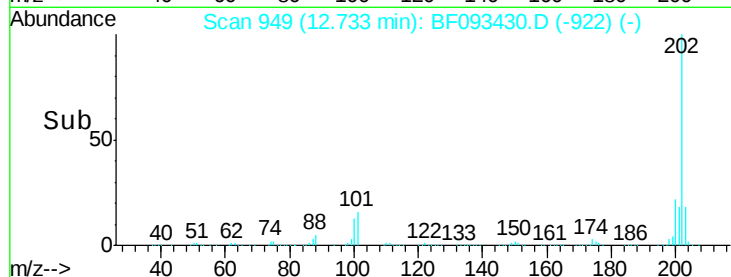
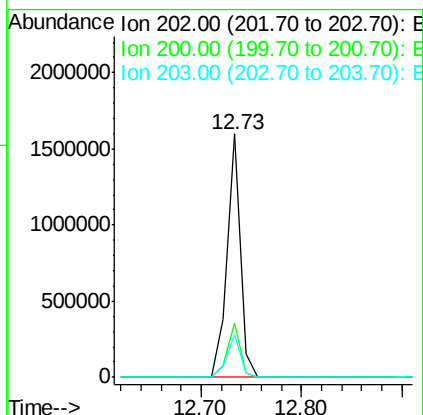
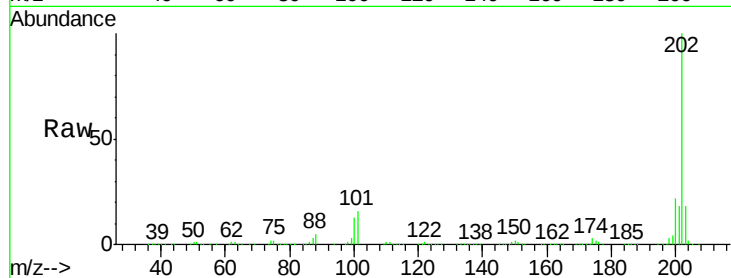




#77
Pvrene
Concen: 36.90 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

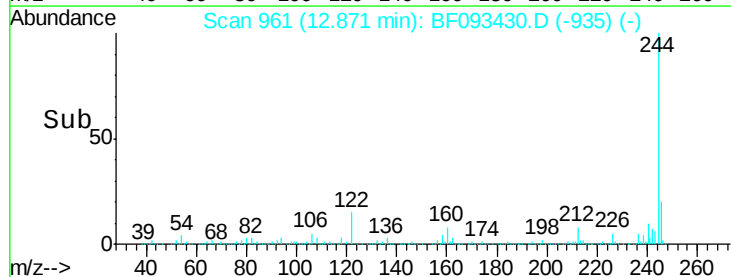
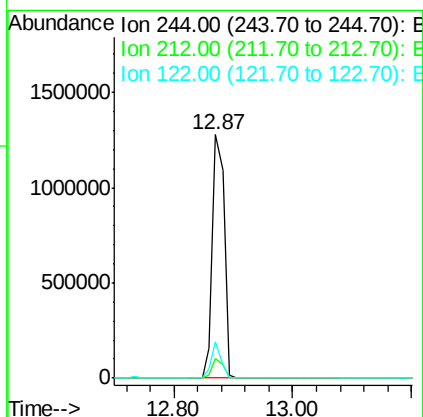
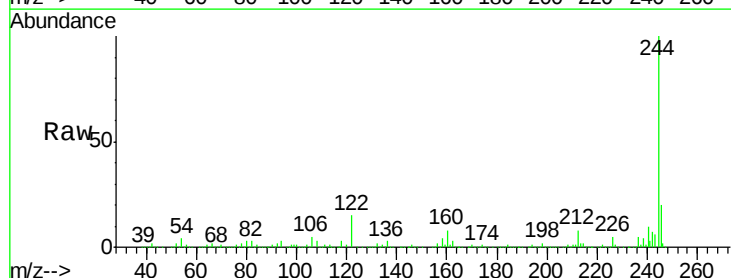
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

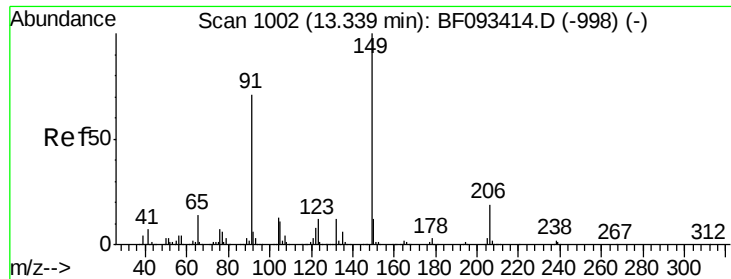
Tot Ion:202 Resp: 1476172
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 17.8 14.7 22.1



#78
Terphenyl-d14
Concen: 82.93 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion:244 Resp: 1754545
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 15.1 11.4 17.2

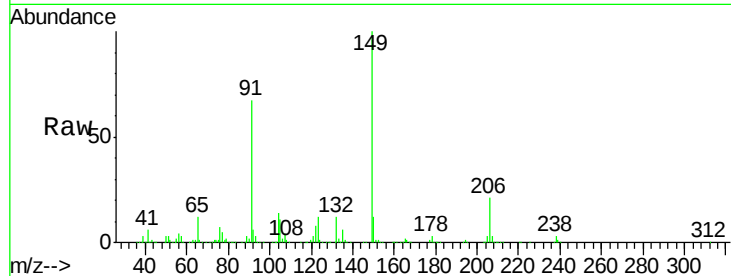




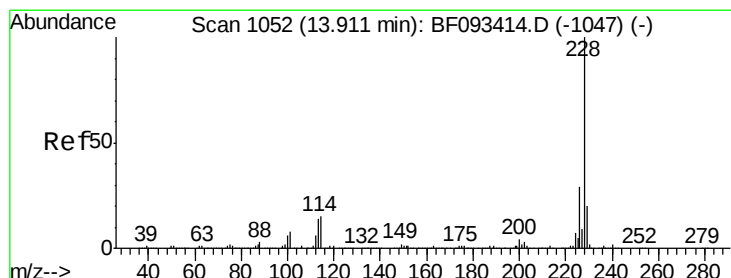
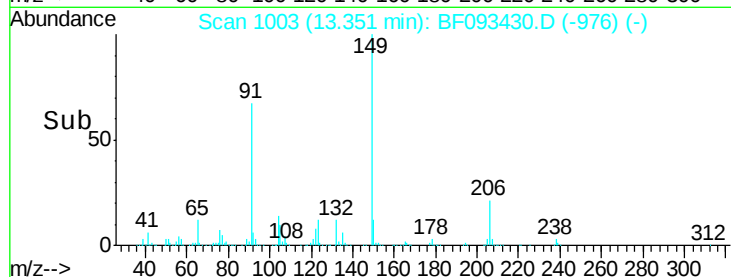
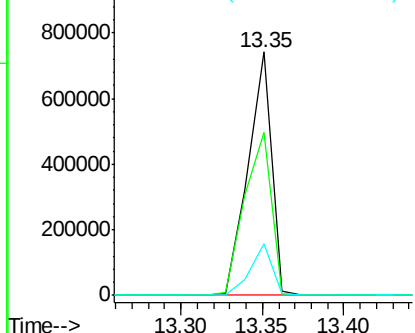
#79
Butylbenzylphthalate
Concen: 44.22 ng
RT: 13.35 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 744748
Ion Ratio Lower Upper
149 100
91 67.0 63.9 95.9
206 21.1 14.6 21.8

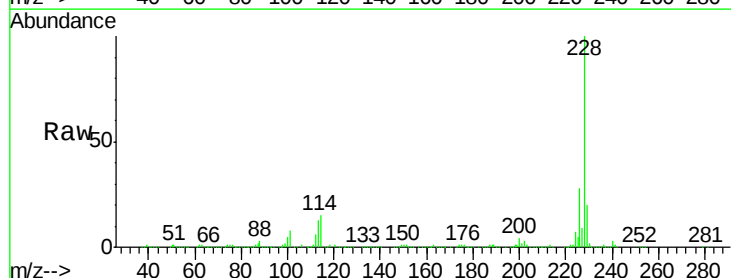


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

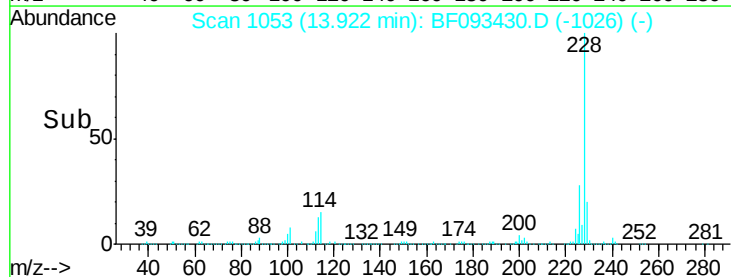
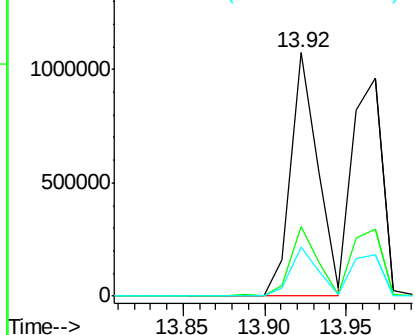


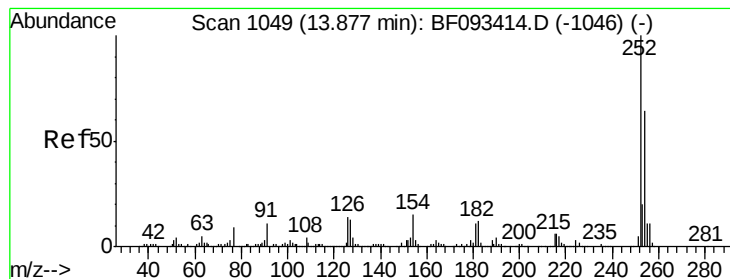
#80
Benzo(a)anthracene
Concen: 38.37 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion:228 Resp: 1246282
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 20.4 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

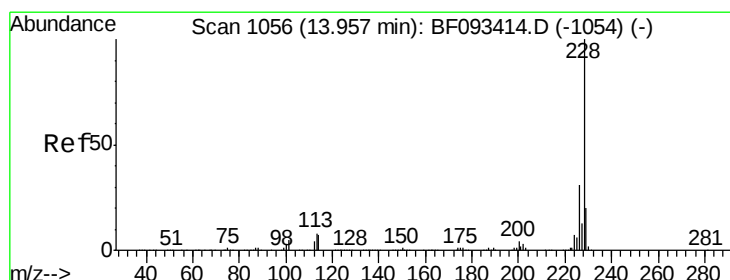
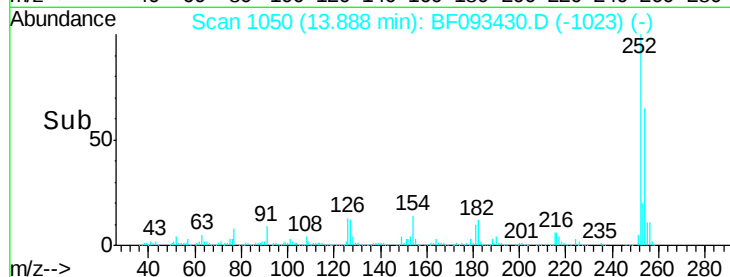
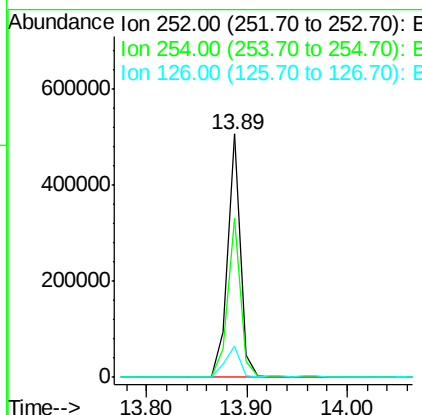
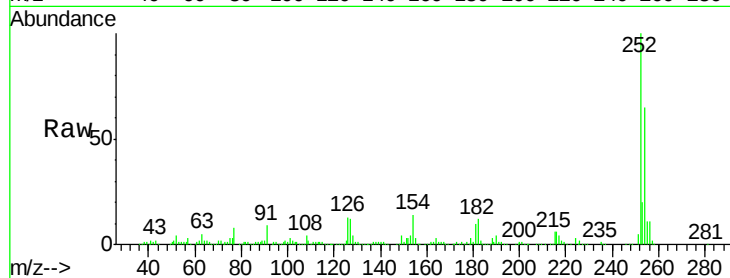




#81
 3,3'-Dichlorobenzidine
 Concen: 39.70 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

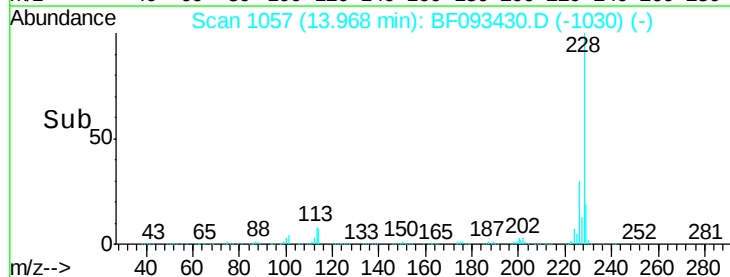
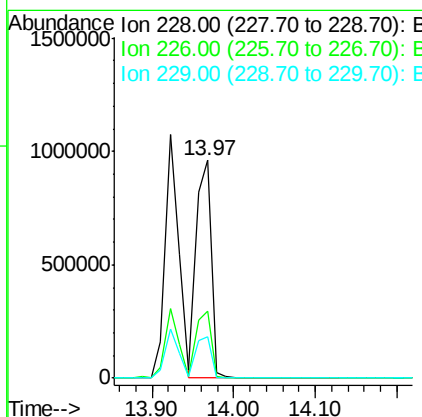
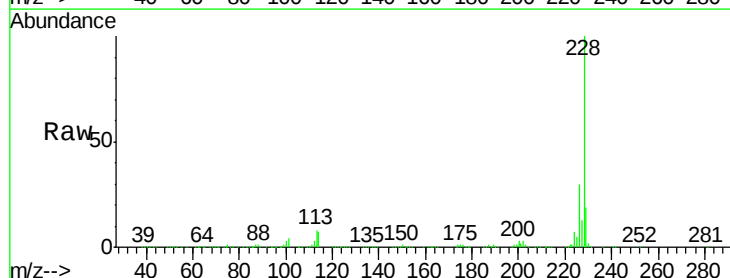
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

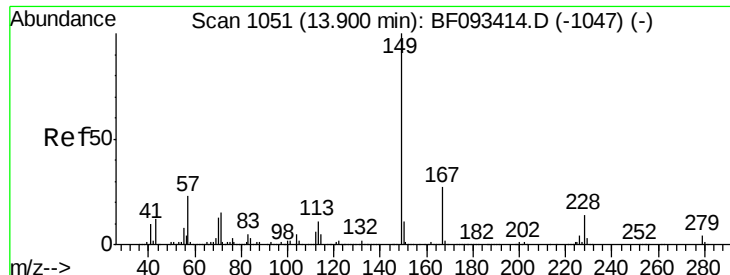
Tot Ion:252 Resp: 451684
 Ion Ratio Lower Upper
 252 100
 254 65.5 52.3 78.5
 126 12.9 13.6 20.4#



#82
 Chrysene
 Concen: 41.70 ng
 RT: 13.97 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: BF093430.D
 Acq: 8 Mar 2017 15:53

Tgt Ion:228 Resp: 1253233
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.0
 229 19.3 16.2 24.2

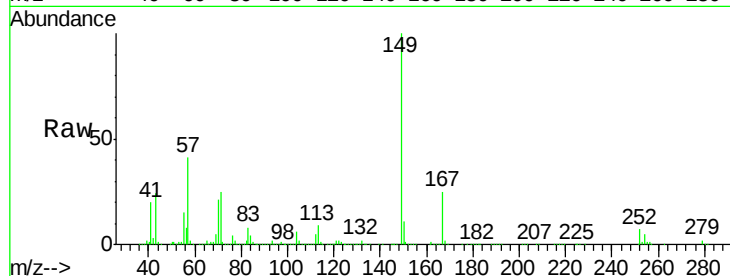




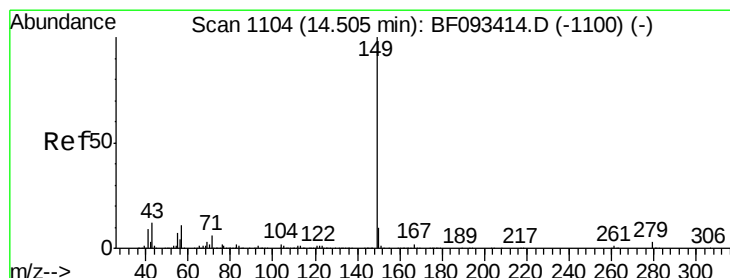
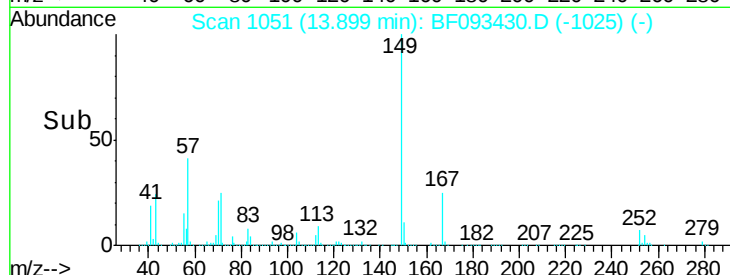
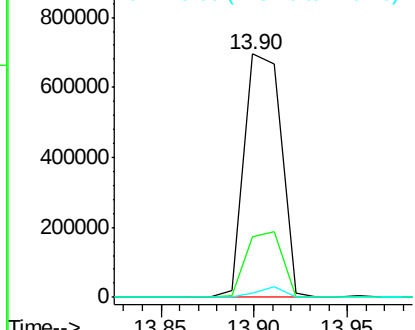
#83
Bis(2-ethylhexyl)phthalate
Concen: 40.81 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 957819
Ion Ratio Lower Upper
149 100
167 25.0 20.2 30.4
279 1.8 1.8 2.8#

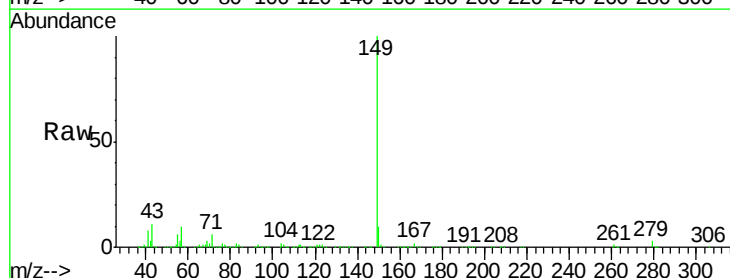


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

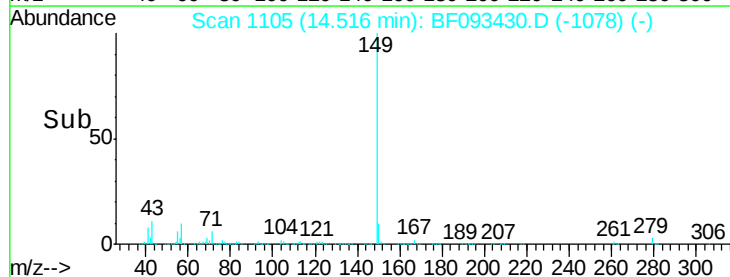
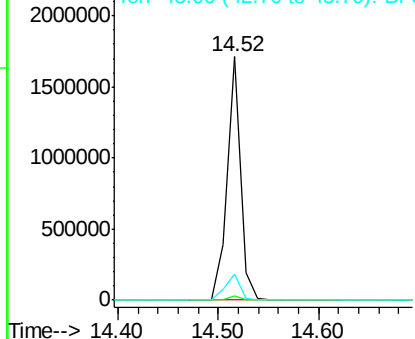


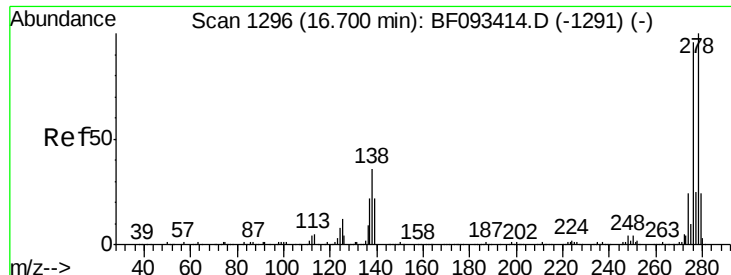
#84
Di-n-octyl phthalate
Concen: 40.54 ng
RT: 14.52 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion:149 Resp: 1586085
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.9 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

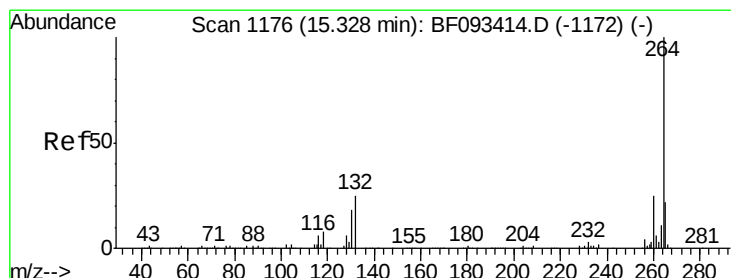
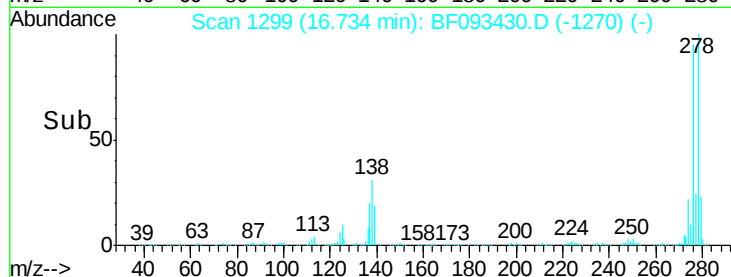
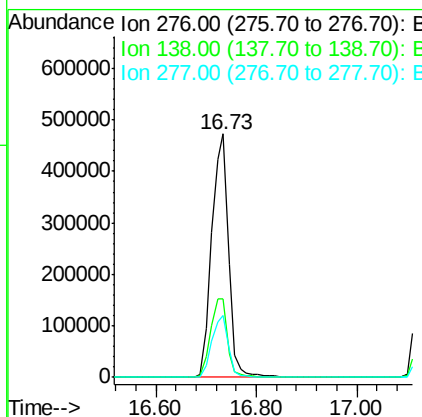
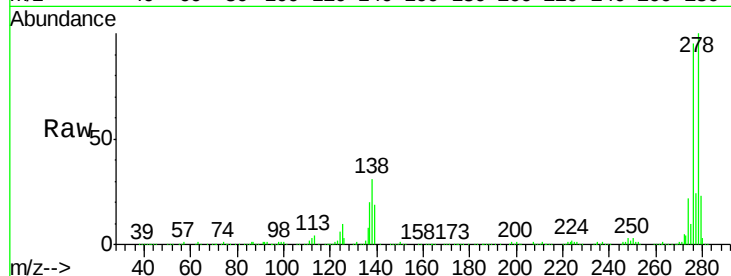




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.59 ng
RT: 16.73 min Scan# 1299
Delta R.T. 0.03 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

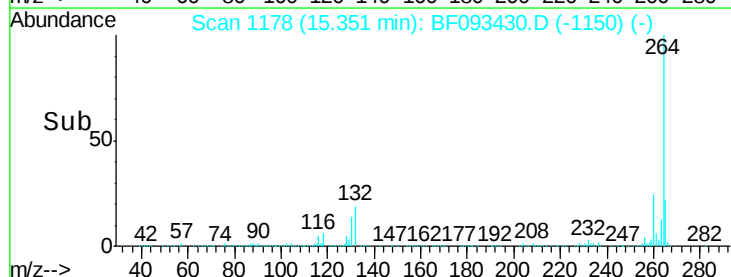
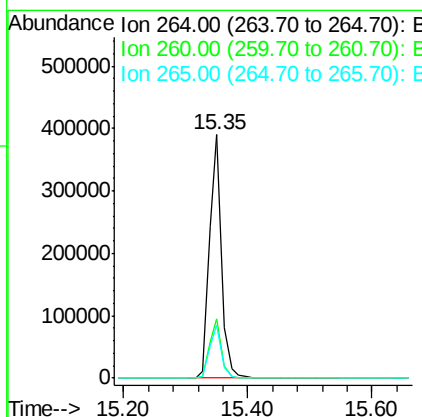
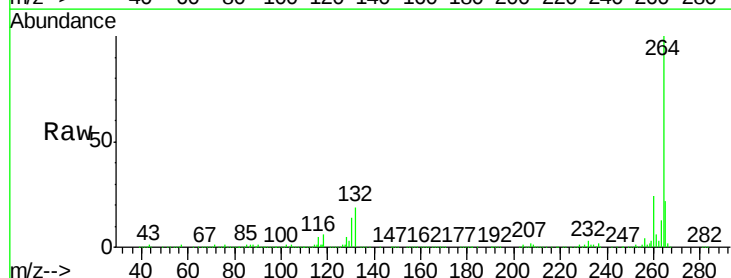
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

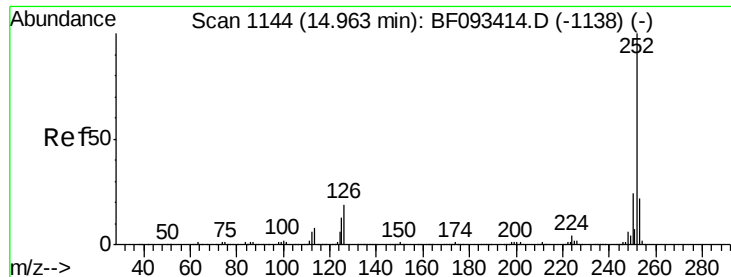
Tot Ion:276 Resp: 1096704
Ion Ratio Lower Upper
276 100
138 32.9 21.8 32.6#
277 25.3 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion:264 Resp: 516867
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 74.49 ng

RT: 14.95 min Scan# 1143

Delta R.T. 0.01 min

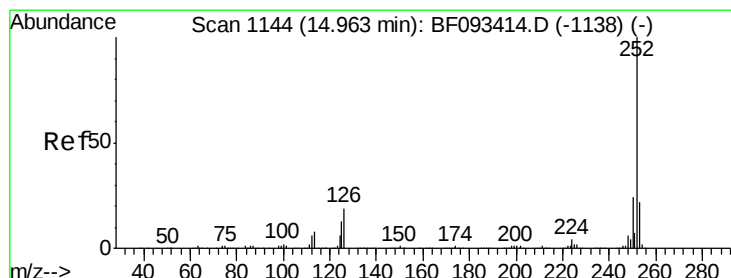
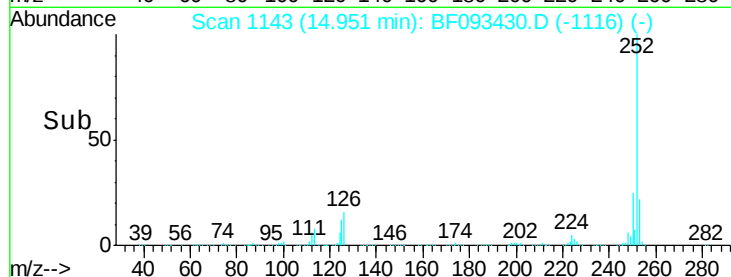
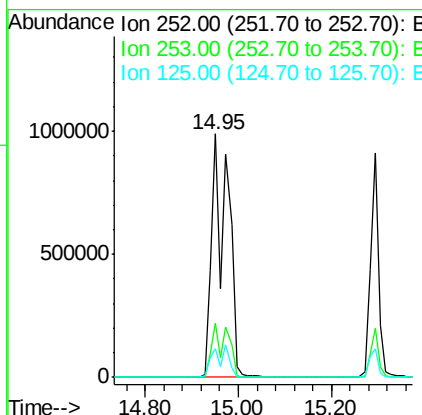
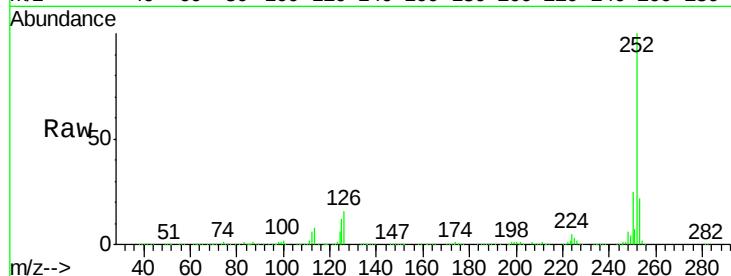
Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 2345014

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	11.7	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 77.27 ng

RT: 14.95 min Scan# 1143

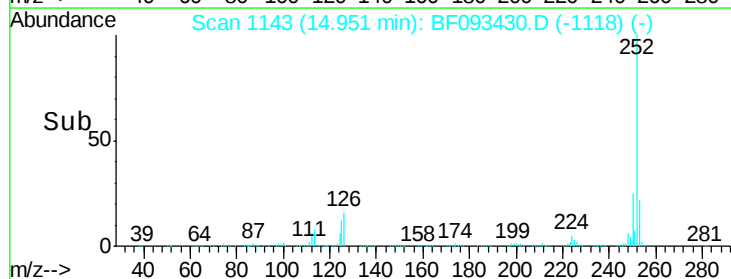
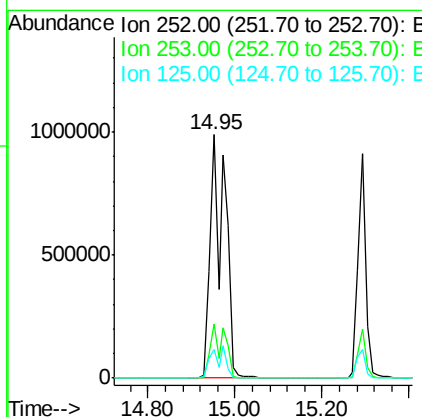
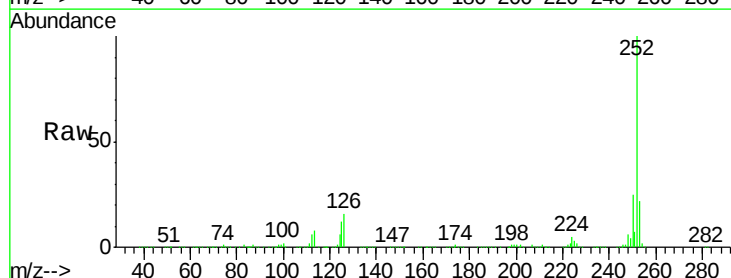
Delta R.T. -0.01 min

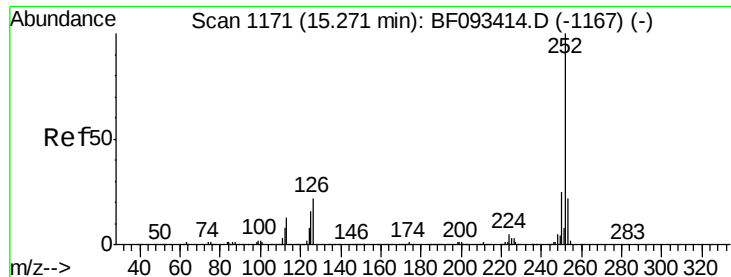
Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Tgt Ion:252 Resp: 2345628

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	11.7	8.9	13.3

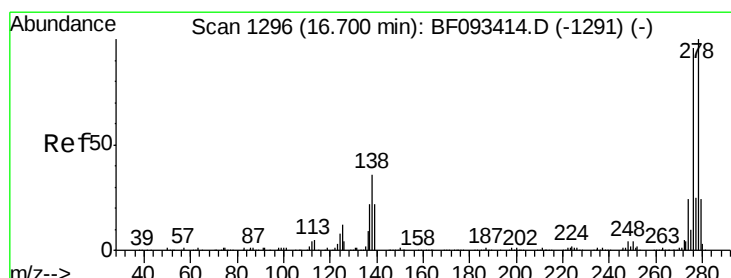
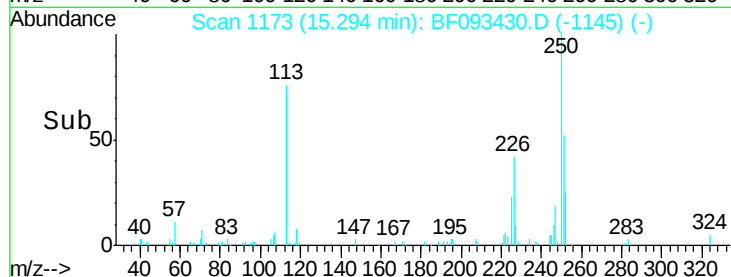
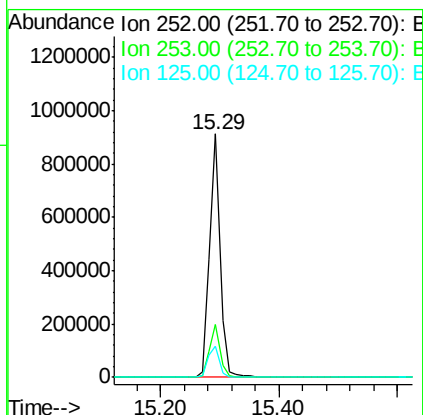
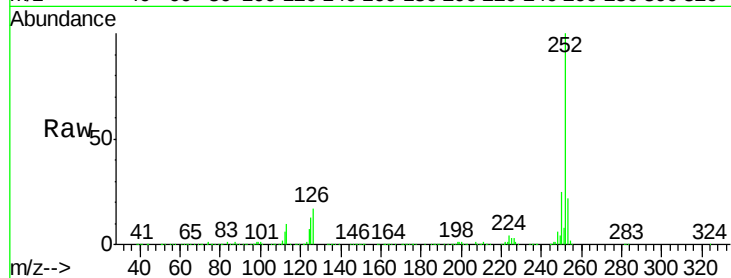




#89
Benzo(a)pyrene
Concen: 39.12 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

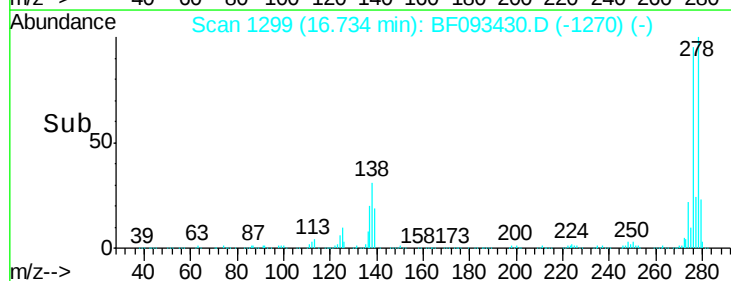
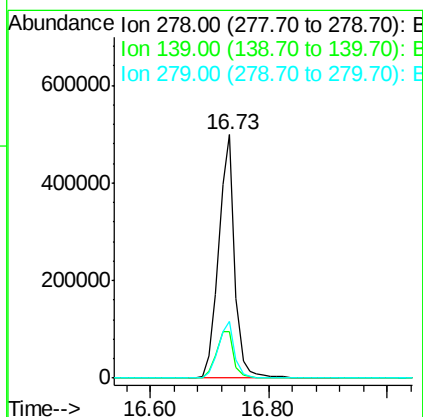
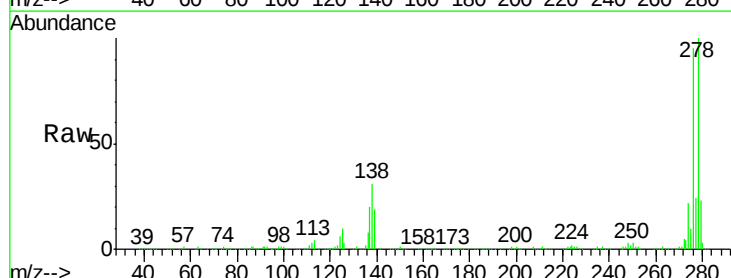
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

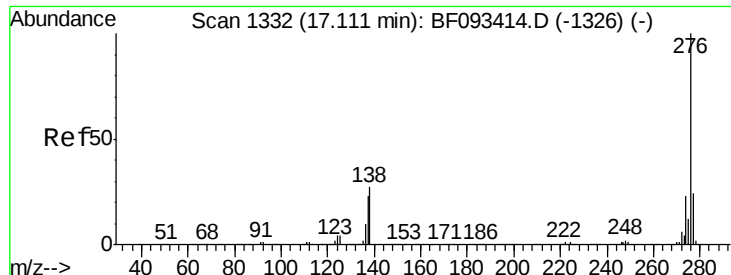
Tot Ion:252 Resp: 1125416
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 12.8 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 39.22 ng
RT: 16.73 min Scan# 1299
Delta R.T. 0.03 min
Lab File: BF093430.D
Acq: 8 Mar 2017 15:53

Tgt Ion:278 Resp: 933476
Ion Ratio Lower Upper
278 100
139 19.1 14.8 22.2
279 23.1 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 39.32 ng

RT: 17.13 min Scan# 1334

Delta R.T. 0.02 min

Lab File: BF093430.D

Acq: 8 Mar 2017 15:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

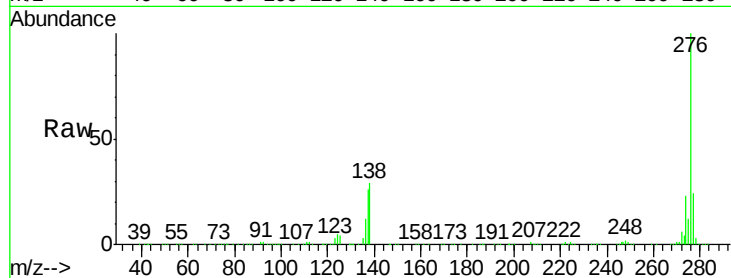
Tot Ion:276 Resp: 960494

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 28.8 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

