

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
 Data File : BF093416.D
 Acq On : 7 Mar 2017 13:20
 Operator : SJ/MA
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Mar 07 13:43:30 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 13:09:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	201102	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	843937	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	458006	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	670925	20.00	ng	0.00
75) Chrysene-d12	13.93	240	530345	20.00	ng	0.01
86) Perylene-d12	15.34	264	423687	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1337648	114.12	ng	0.00
7) Phenol-d6	6.42	99	1606624	106.52	ng	0.01
23) Nitrobenzene-d5	7.35	82	1720244	113.51	ng	0.01
41) 2,4,6-Tribromophenol	10.60	330	306924	92.65	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	2290964	90.62	ng	0.00
78) Terphenyl-d14	12.87	244	2023718	89.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.28	88	405542	64.03	ng	# 85
3) Pyridine	2.96	79	1059744	65.80	ng	# 85
4) n-Nitrosodimethylamine	2.95	42	504478	66.71	ng	85
6) Aniline	6.44	93	1144663	55.64	ng	85
8) 2-Chlorophenol	6.55	128	755807	58.45	ng	89
9) Benzaldehyde	6.31	77	451407	41.78	ng	91
10) Phenol	6.44	94	941351	53.35	ng	88
11) bis(2-Chloroethyl)ether	6.50	93	868123	61.64	ng	89
12) 1,3-Dichlorobenzene	6.70	146	867331	57.26	ng	# 90
13) 1,4-Dichlorobenzene	6.78	146	885497	57.76	ng	98
14) 1,2-Dichlorobenzene	6.94	146	800136	54.58	ng	97
15) Benzyl Alcohol	6.93	79	534922	47.91	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1359035	55.54	ng	66
17) 2-Methylphenol	7.04	107	653547	58.91	ng	# 91
18) Hexachloroethane	7.27	117	303067	57.91	ng	89
19) n-Nitroso-di-n-propylamine	7.20	70	534963	55.72	ng	98
20) 3+4-Methylphenols	7.20	107	798742	60.22	ng	93
22) Acetophenone	7.19	105	1073588	55.72	ng	100
24) Nitrobenzene	7.36	77	889212	57.14	ng	97
25) Isophorone	7.61	82	1752951	62.07	ng	99
26) 2-Nitrophenol	7.68	139	479756	64.86	ng	91
27) 2,4-Dimethylphenol	7.73	122	716099	55.12	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	1133608	60.61	ng	99
29) 2,4-Dichlorophenol	7.93	162	652711	53.87	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	717252	54.93	ng	98
31) Naphthalene	8.08	128	2359726	55.16	ng	99
32) Benzoic acid	7.91	122	459210	69.68	ng	97
33) 4-Chloroaniline	8.14	127	983604	58.62	ng	99
34) Hexachlorobutadiene	8.18	225	358155	49.86	ng	99
35) Caprolactam	8.54	113	218722	57.39	ng	# 31
36) 4-Chloro-3-methylphenol	8.63	107	719095	56.93	ng	97
37) 2-Methylnaphthalene	8.77	142	1389144	50.57	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	688420	53.55	ng	99
40) Hexachlorocyclopentadiene	8.92	237	176998	30.51	ng	98

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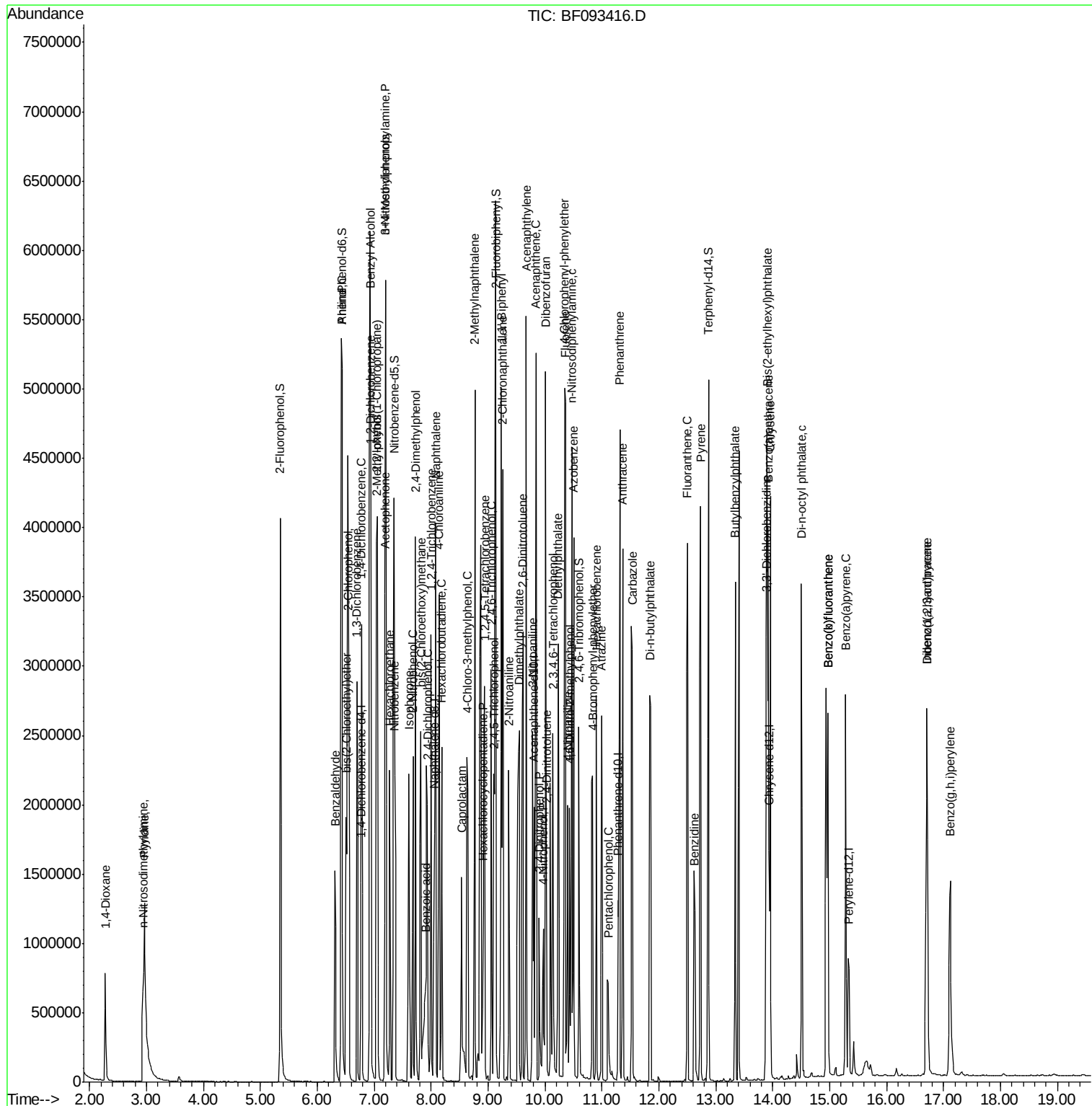
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	417411	49.41	nq	92
43) 2,4,5-Trichlorophenol	9.11	196	459195	49.61	nq	# 84
45) 1,1'-Biphenyl	9.24	154	1811616	54.62	nq	98
46) 2-Chloronaphthalene	9.26	162	1359701	52.41	nq	97
47) 2-Nitroaniline	9.36	65	466631	53.50	nq	95
48) Acenaphthylene	9.67	152	2050213	45.75	nq	99
49) Dimethylphthalate	9.54	163	1646574	53.37	nq	100
50) 2,6-Dinitrotoluene	9.61	165	412383	61.90	nq	93
51) Acenaphthene	9.84	154	1244540	46.45	nq	96
52) 3-Nitroaniline	9.78	138	486844	63.85	nq	88
53) 2,4-Dinitrophenol	9.90	184	182829	61.46	nq	# 71
54) Dibenzofuran	10.01	168	1657748	46.25	nq	96
55) 4-Nitrophenol	9.97	139	225716	41.10	nq	# 79
56) 2,4-Dinitrotoluene	10.02	165	471159	53.12	nq	# 65
57) Fluorene	10.36	166	1358743	49.28	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	316251	51.22	nq	98
59) Diethylphthalate	10.23	149	1362254	46.86	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	595058	44.92	nq	89
61) 4-Nitroaniline	10.40	138	428848	54.92	nq	95
62) Azobenzene	10.50	77	1677810	55.86	nq	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	284162	81.86	nq	# 74
65) n-Nitrosodiphenylamine	10.47	169	1187731	55.42	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	419827	59.89	nq	# 84
67) Hexachlorobenzene	10.90	284	389226	56.19	nq	94
68) Atrazine	11.00	200	369341	53.70	nq	98
69) Pentachlorophenol	11.11	266	159231	53.22	nq	98
70) Phenanthrene	11.32	178	2067490	53.79	nq	99
71) Anthracene	11.36	178	2040029	52.85	nq	99
72) Carbazole	11.53	167	2096762	56.82	nq	# 97
73) Di-n-butylphthalate	11.85	149	2284568	57.25	nq	# 96
74) Fluoranthene	12.50	202	2144576	54.09	nq	93
76) Benzidine	12.63	184	800385	35.42	nq	97
77) Pyrene	12.73	202	2196206	55.34	nq	99
79) Butylbenzylphthalate	13.34	149	888467	55.13	nq	97
80) Benzo(a)anthracene	13.92	228	1702066	52.47	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	594794	51.44	nq	# 94
82) Chrysene	13.96	228	1487346	48.97	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	1249930	56.71	nq	# 98
84) Di-n-octyl phthalate	14.51	149	2081014	57.98	nq	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	1318675	56.06	nq	95
87) Benzo(b)fluoranthene	14.97	252	2921704	104.77	nq	# 96
88) Benzo(k)fluoranthene	14.97	252	2923100	121.40	nq	# 96
89) Benzo(a)pyrene	15.28	252	1299925	53.89	nq	97
90) Dibenzo(a,h)anthracene	16.71	278	1122205	57.56	nq	96
91) Benzo(g,h,i)perylene	17.12	276	1176832	59.75	nq	# 93

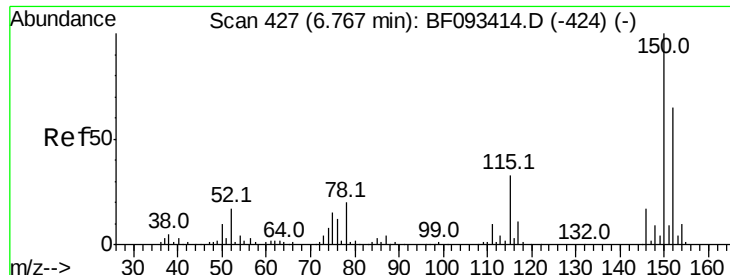
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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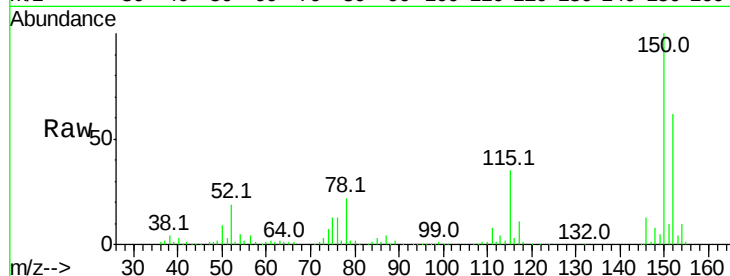


#1

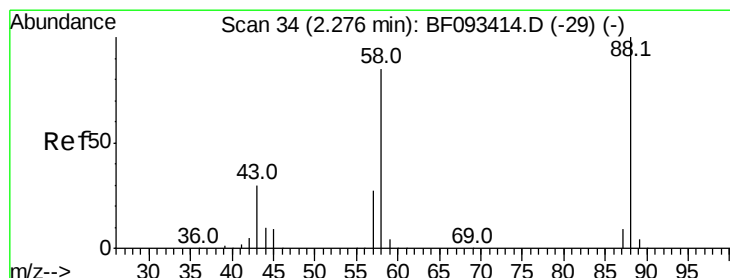
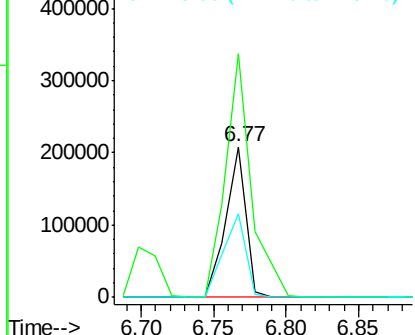
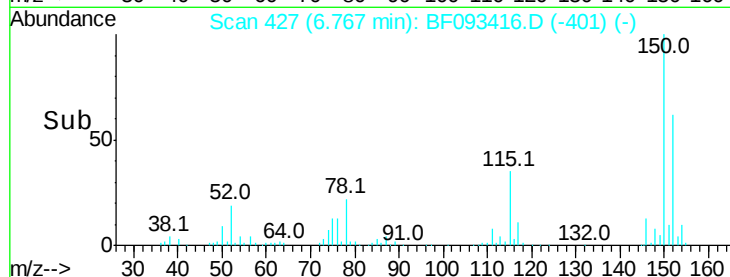
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:152 Resp: 201102
 Ion Ratio Lower Upper
 152 100
 150 161.9 124.9 187.3
 115 56.0 46.0 69.0



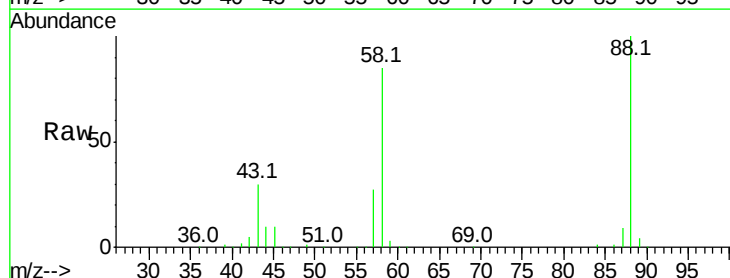
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



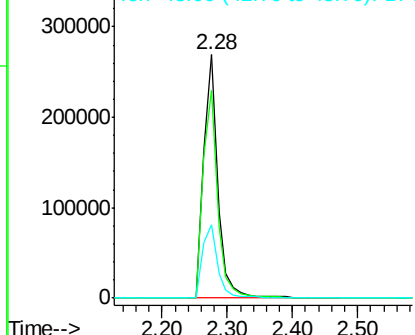
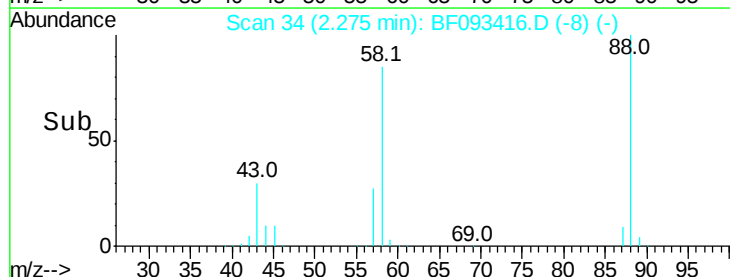
#2

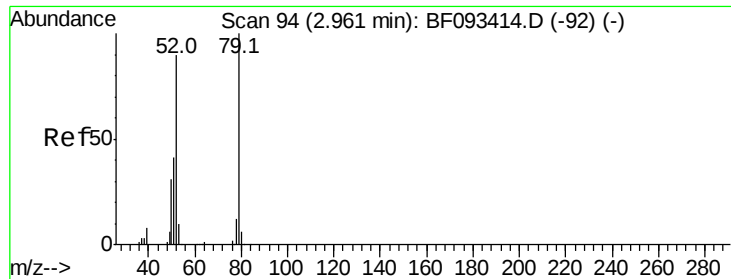
1,4-Dioxane
 Concen: 64.03 ng
 RT: 2.28 min Scan# 34
 Delta R.T. -0.00 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Tgt Ion: 88 Resp: 405542
 Ion Ratio Lower Upper
 88 100
 58 87.6 57.8 86.8#
 43 31.4 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: 65.80 ng

RT: 2.96 min Scan# 94

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

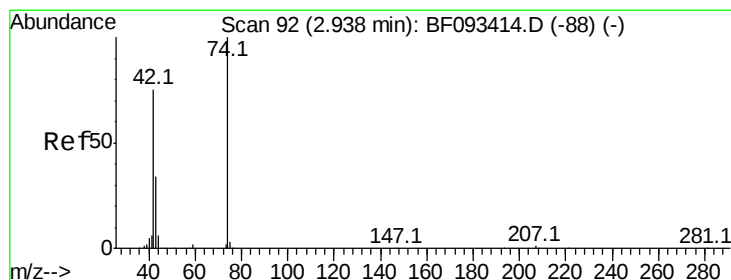
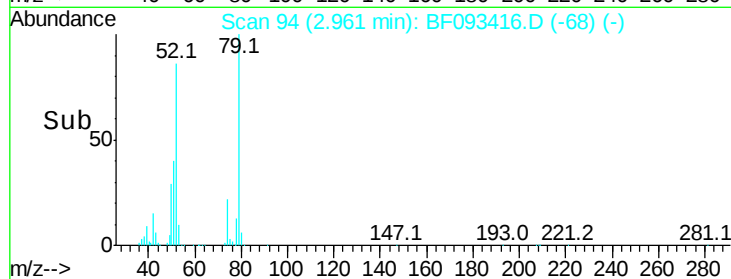
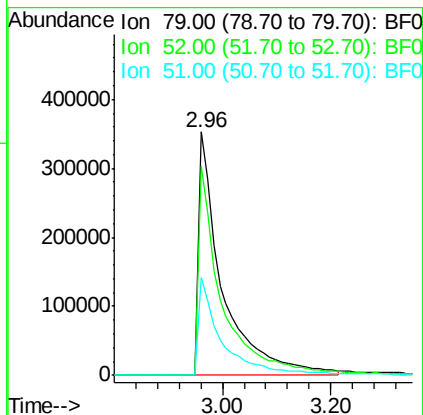
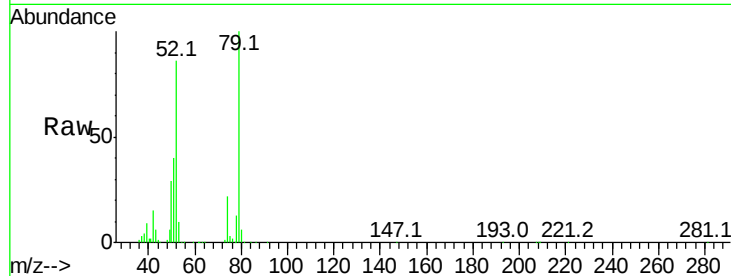
BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 1059744

Ion	Ratio	Lower	Upper
79	100		
52	85.9	57.1	85.7#
51	40.2	27.3	40.9



#4

n-Nitrosodimethylamine

Concen: 66.71 ng

RT: 2.95 min Scan# 93

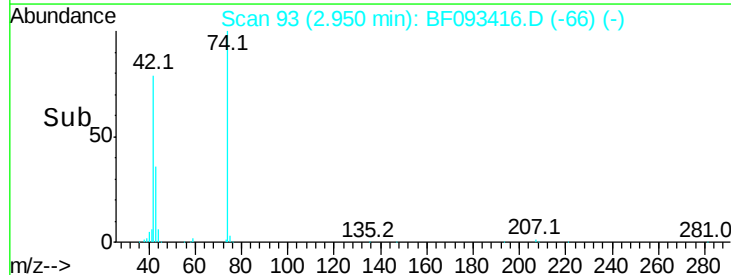
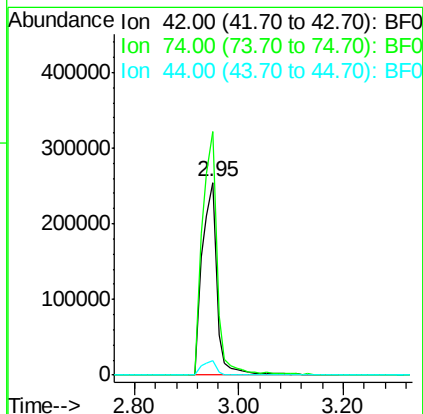
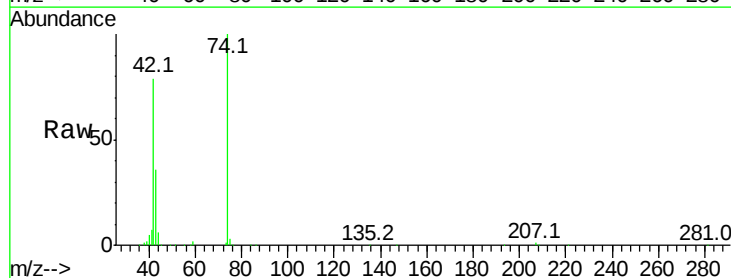
Delta R.T. 0.01 min

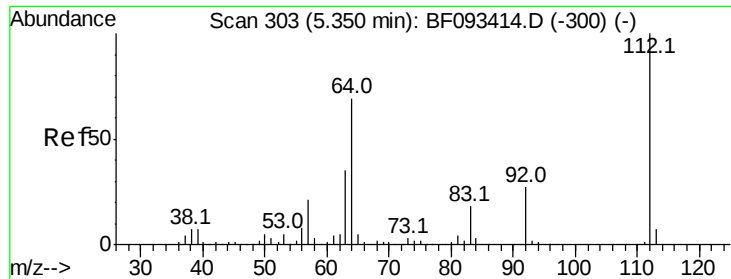
Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Tgt Ion: 42 Resp: 504478

Ion	Ratio	Lower	Upper
42	100		
74	126.1	117.0	175.4
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 114.12 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

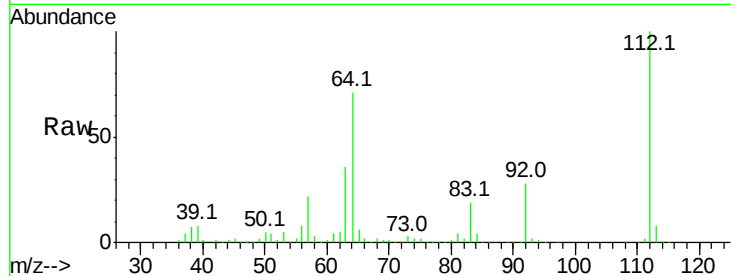
Tot Ion:112 Resp: 1337648

Ion Ratio Lower Upper

112 100

64 70.6 46.1 69.1#

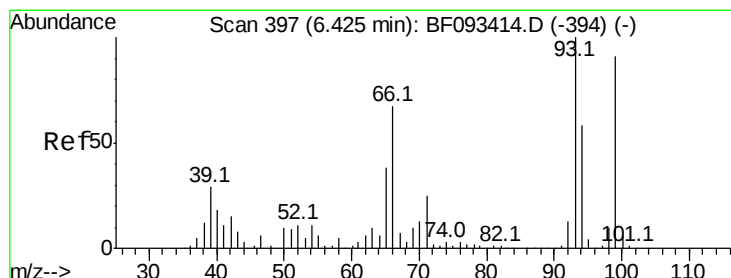
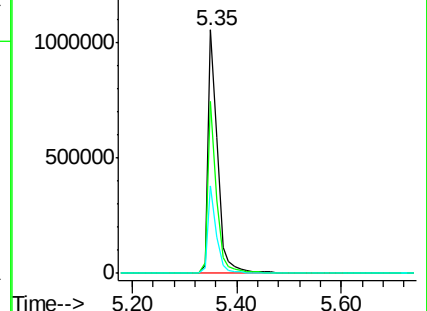
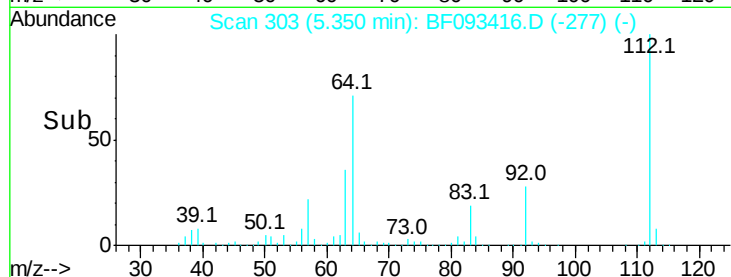
63 36.0 23.8 35.6#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 55.64 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

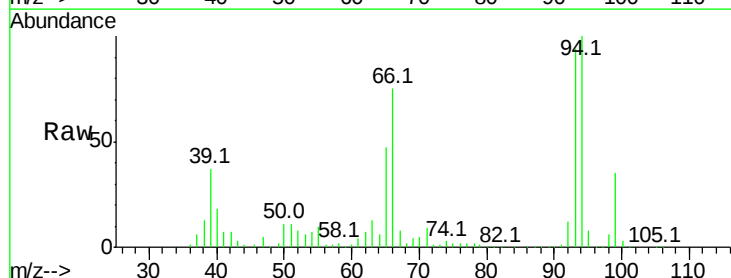
Tgt Ion: 93 Resp: 1144663

Ion Ratio Lower Upper

93 100

66 80.3 76.2 114.2

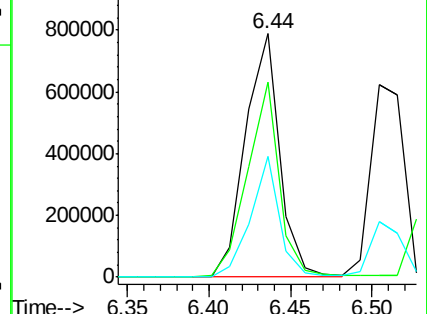
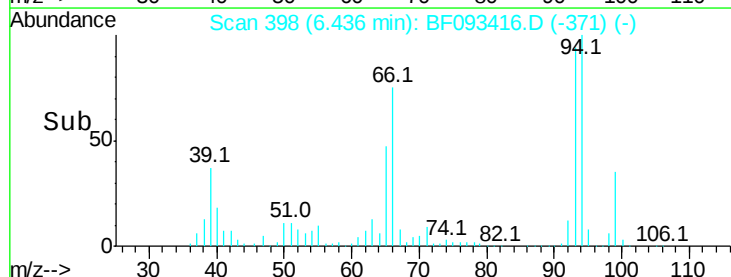
65 49.6 49.3 73.9

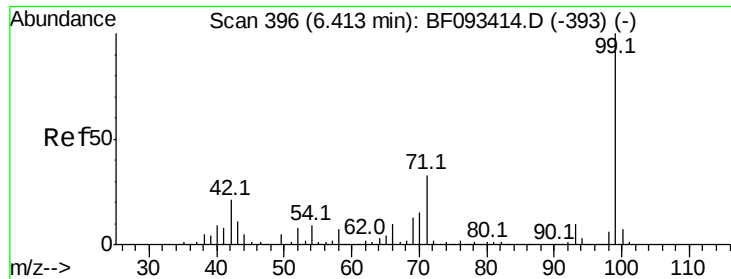


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.52 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093416.D

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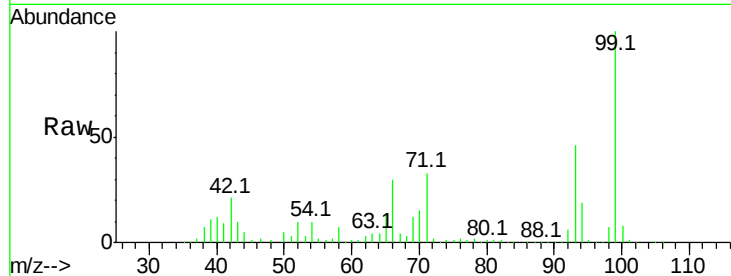
Tot Ion: 99 Resp: 1606624

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

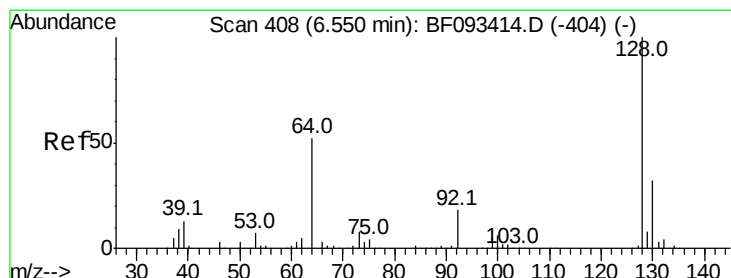
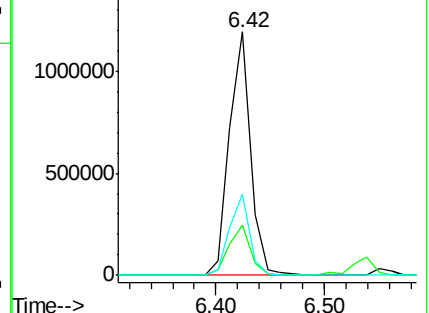
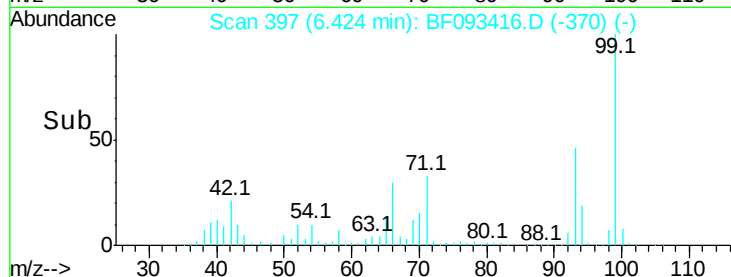
71 33.3 27.5 41.3



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: 58.45 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

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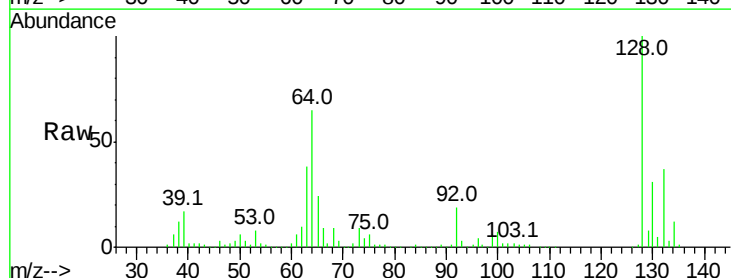
Tgt Ion:128 Resp: 755807

Ion Ratio Lower Upper

128 100

130 31.3 12.3 52.3

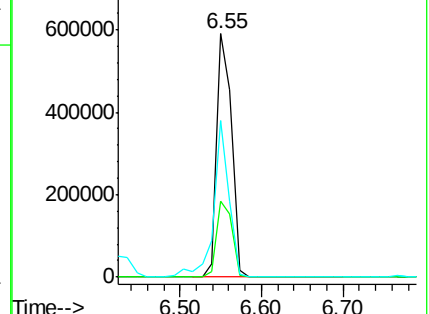
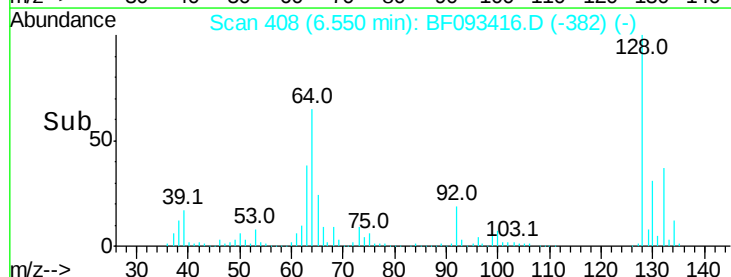
64 64.5 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.78 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

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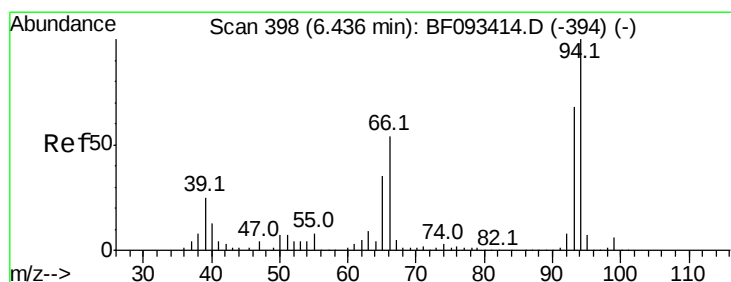
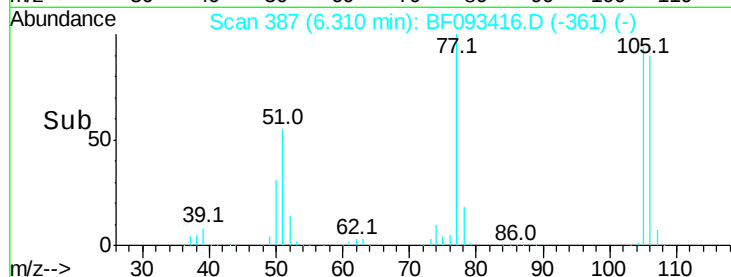
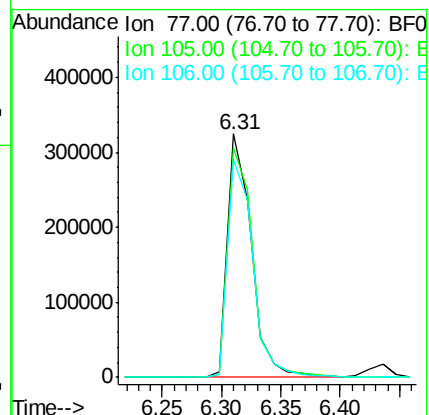
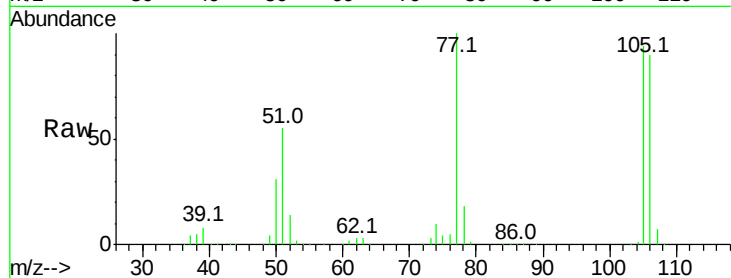
Tot Ion: 77 Resp: 451407

Ion Ratio Lower Upper

77 100

105 94.0 83.9 123.9

106 89.5 77.6 117.6



#10

Phenol

Concen: 53.35 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

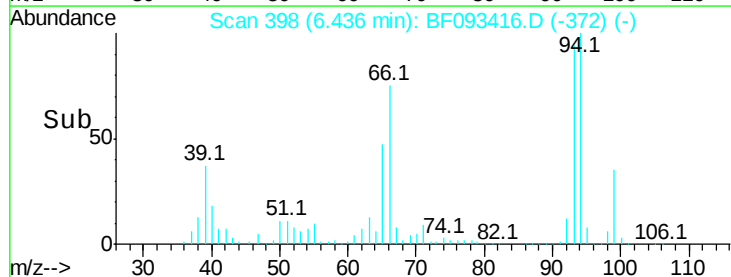
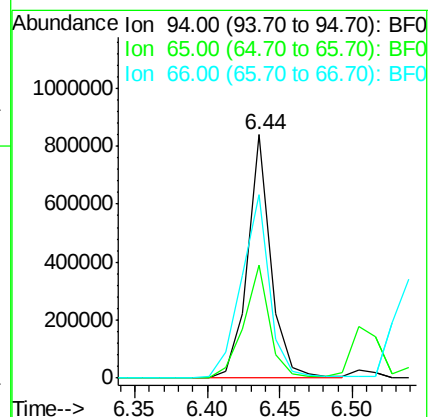
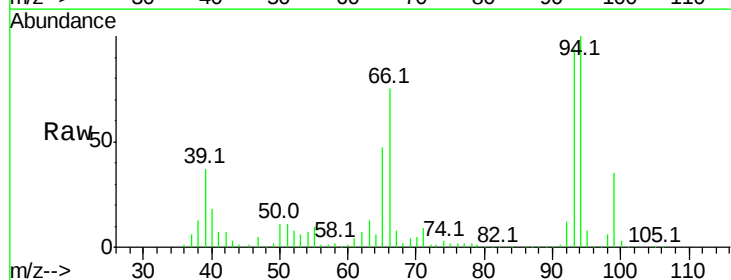
Tgt Ion: 94 Resp: 941351

Ion Ratio Lower Upper

94 100

65 46.6 21.4 61.4

66 75.4 44.0 84.0

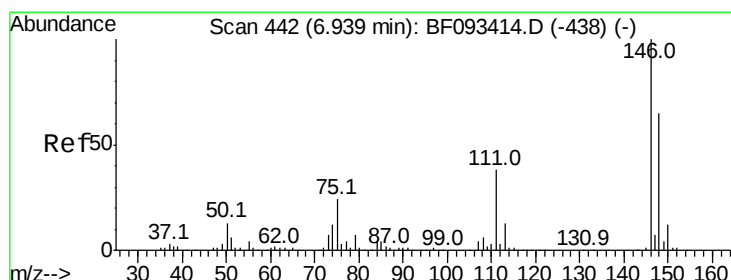
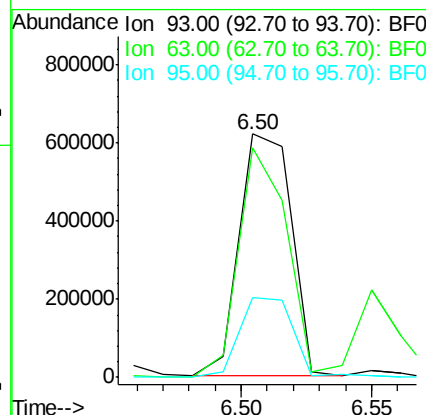
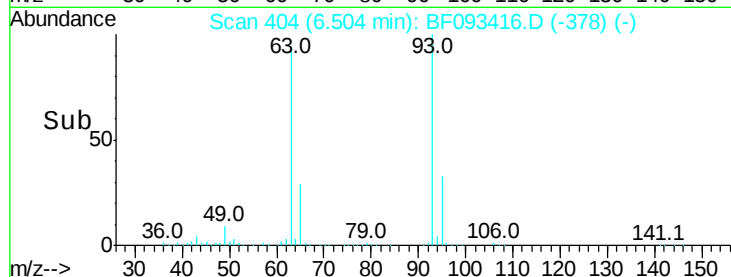
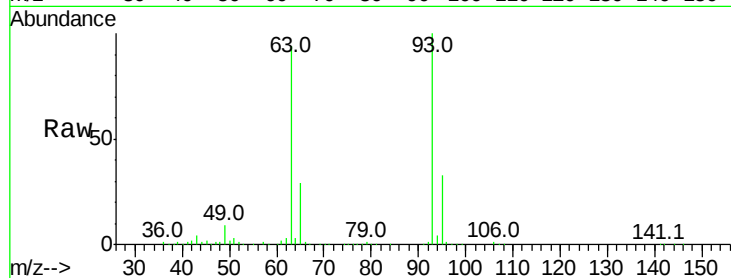




#11
bis(2-Chloroethyl)ether
Concen: 61.64 ng
RT: 6.50 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

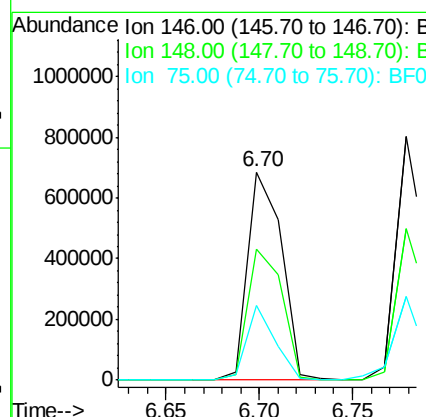
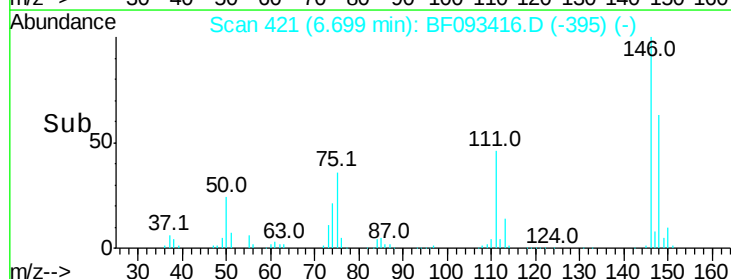
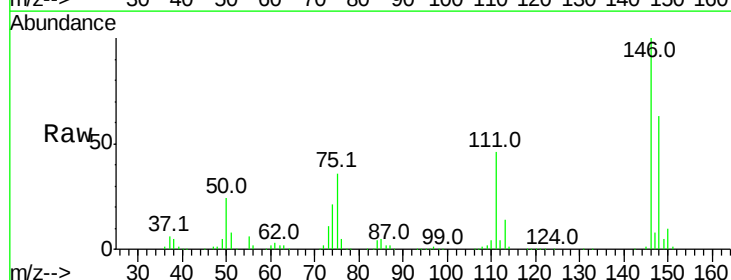
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

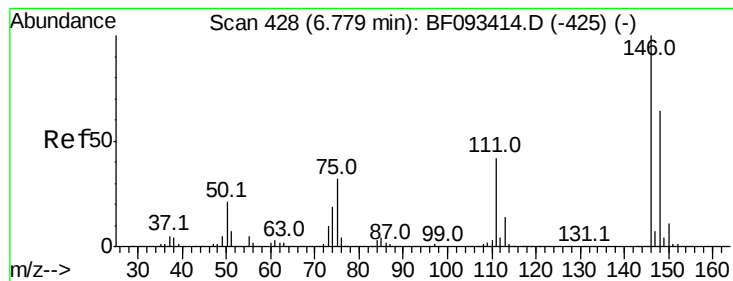
Tot Ion: 93 Resp: 868123
Ion Ratio Lower Upper
93 100
63 94.1 60.4 100.4
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 57.26 ng
RT: 6.70 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Tgt Ion: 146 Resp: 867331
Ion Ratio Lower Upper
146 100
148 63.0 53.4 80.0
75 35.8 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 57.76 ng

RT: 6.78 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

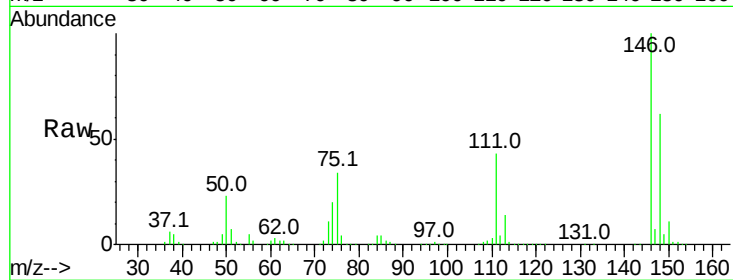
Tot Ion:146 Resp: 885497

Ion Ratio Lower Upper

146 100

148 62.2 50.6 76.0

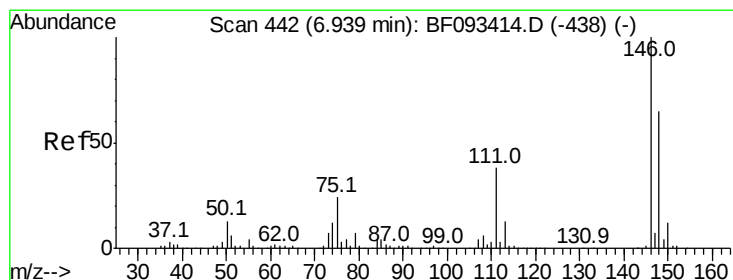
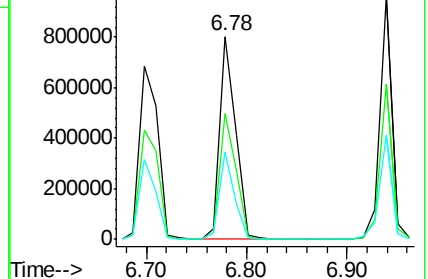
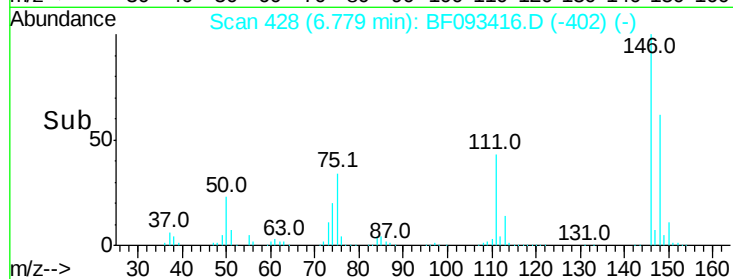
111 43.3 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 54.58 ng

RT: 6.94 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

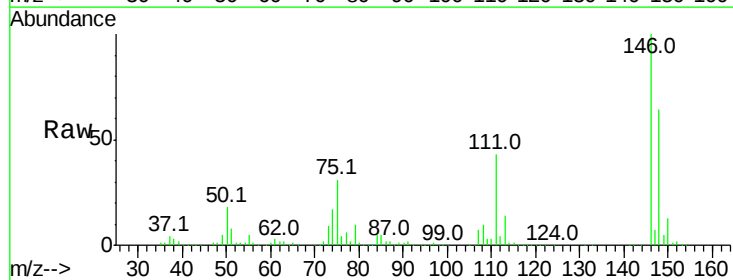
Tgt Ion:146 Resp: 800136

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.2

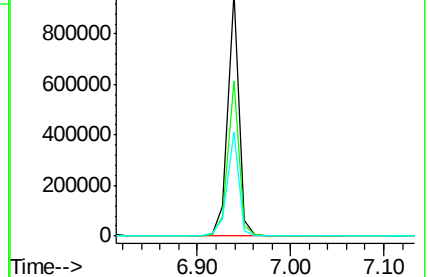
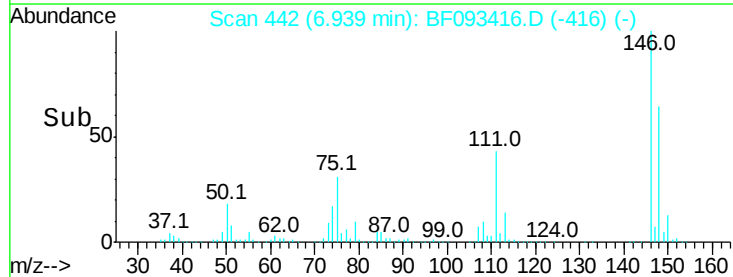
111 42.6 36.2 54.2

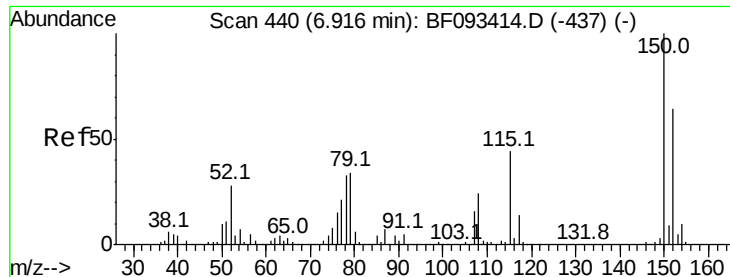


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

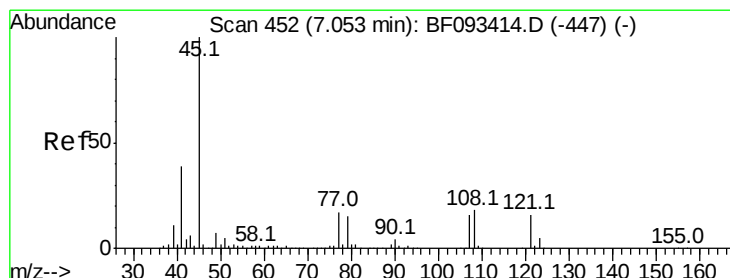
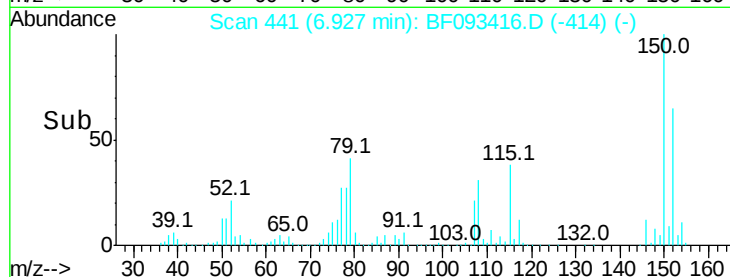
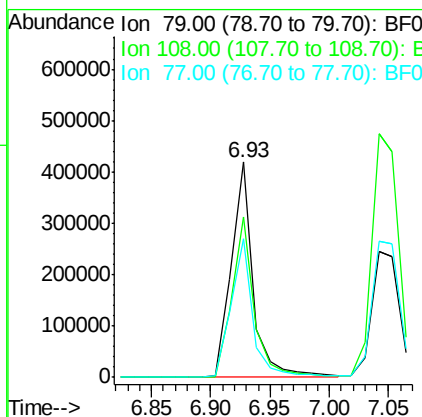
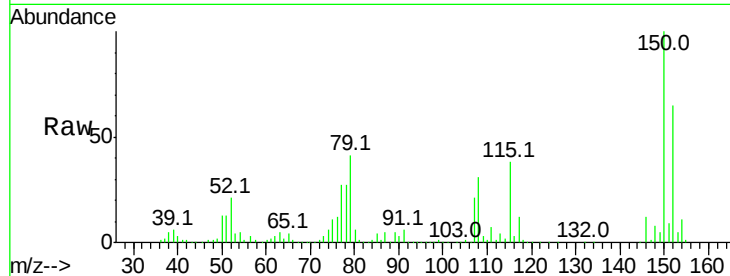




#15
Benzyl Alcohol
Concen: 47.91 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

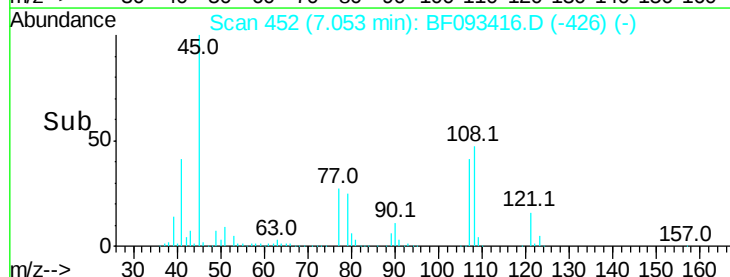
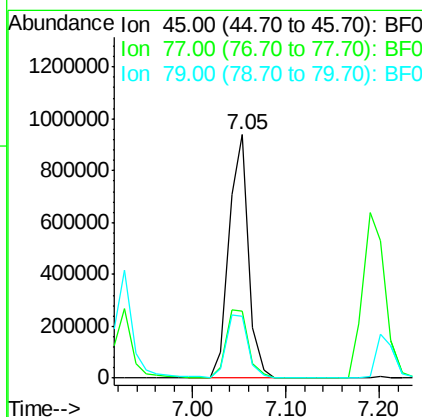
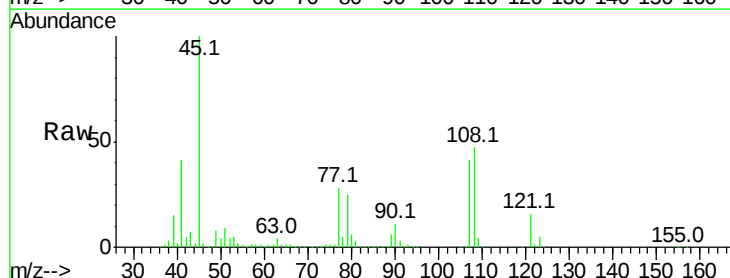
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

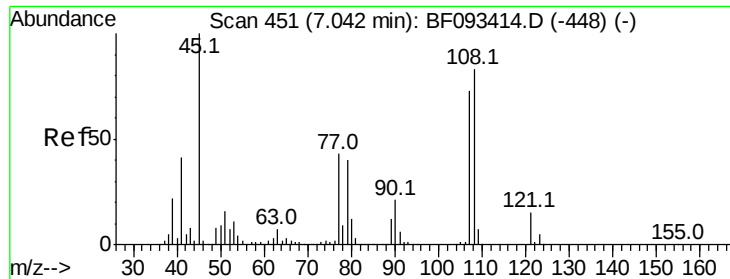
Tot Ion: 79 Resp: 534922
Ion Ratio Lower Upper
79 100
108 74.9 61.4 92.0
77 64.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.54 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Tgt Ion: 45 Resp: 1359035
Ion Ratio Lower Upper
45 100
77 27.6 0.0 34.6
79 25.2 0.0 31.2

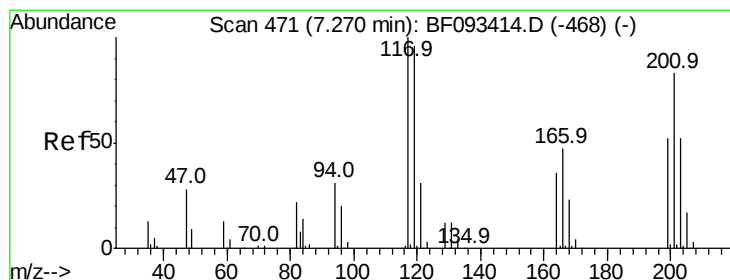
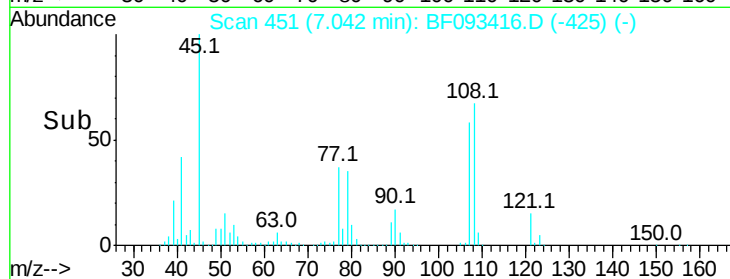
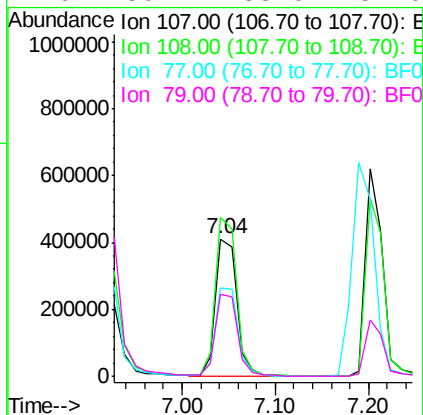
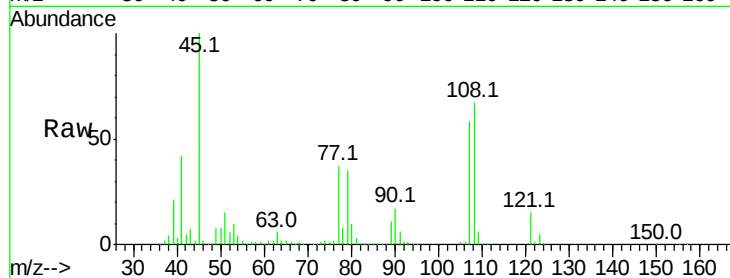




#17
2-Methylphenol
Concen: 58.91 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

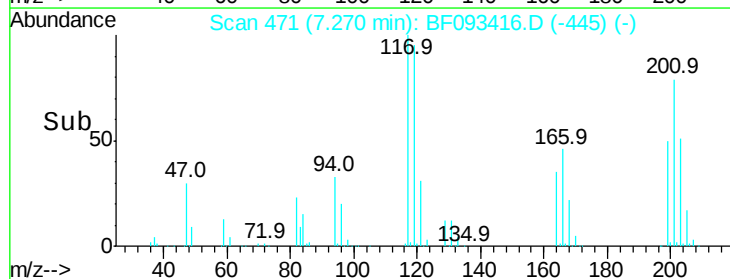
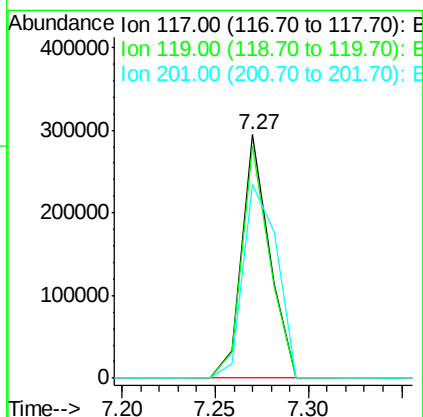
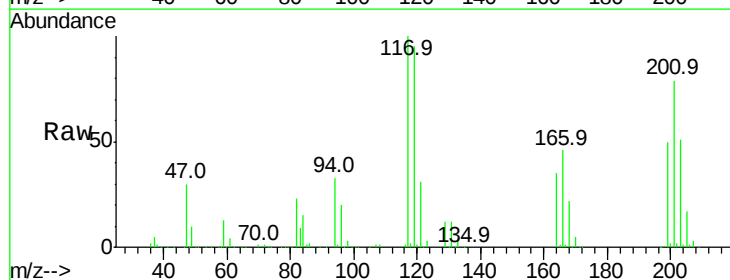
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

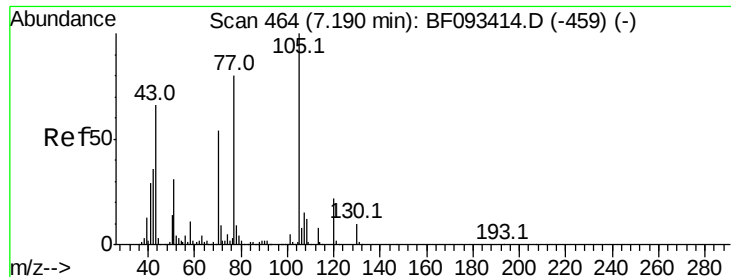
Tot Ion:107 Resp: 653547
Ion Ratio Lower Upper
107 100
108 115.4 93.0 139.6
77 64.4 39.8 59.8#
79 59.7 38.0 57.0#



#18
Hexachloroethane
Concen: 57.91 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Tgt Ion:117 Resp: 303067
Ion Ratio Lower Upper
117 100
119 95.1 78.1 117.1
201 79.4 78.6 117.8

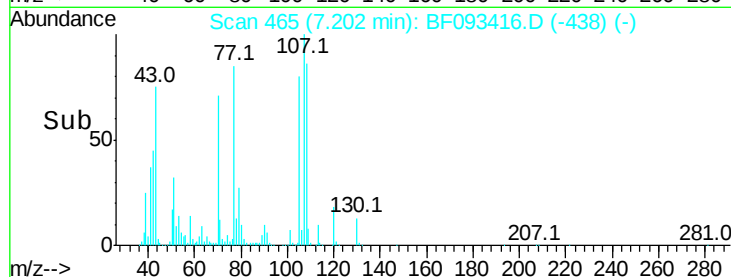
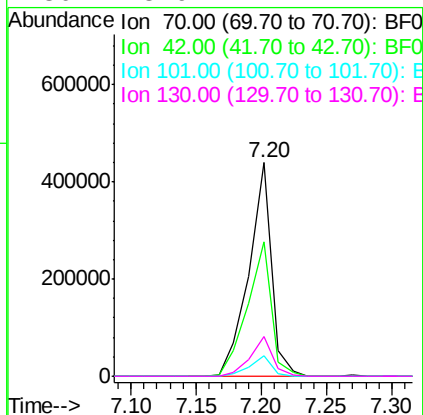
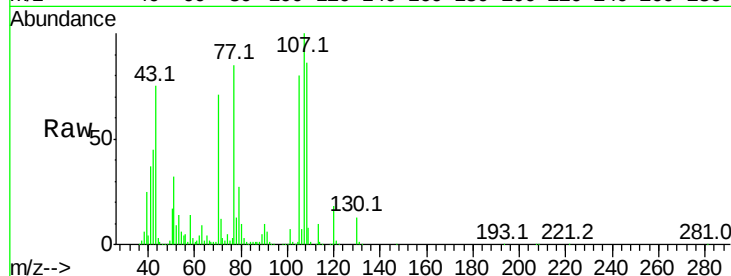




#19
n-Nitroso-di-n-propylamine
Concen: 55.72 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

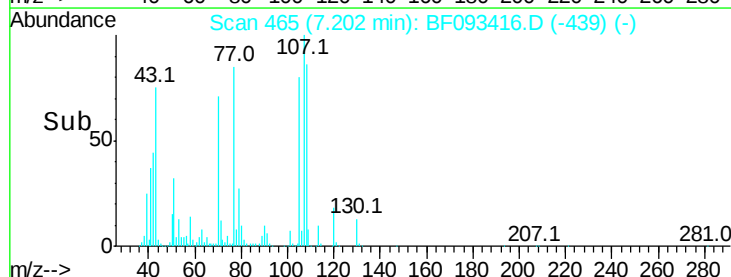
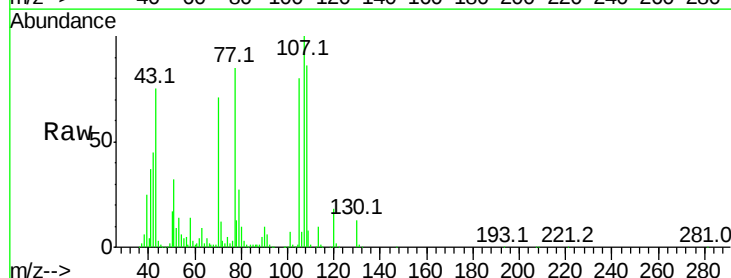
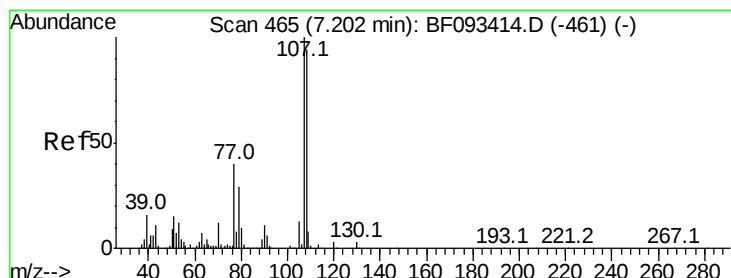
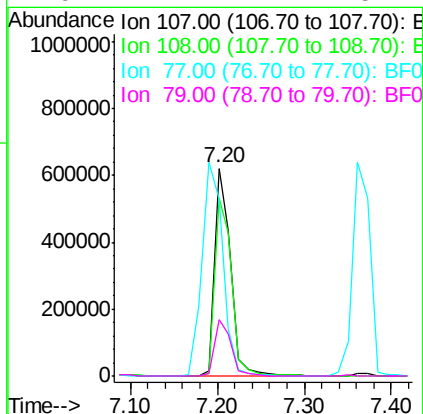
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

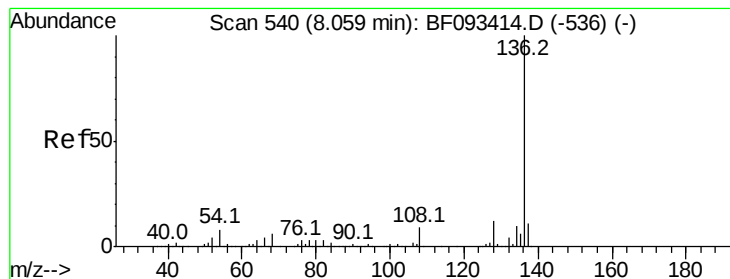
Tot Ion: 70 Resp: 534963
Ion Ratio Lower Upper
70 100
42 63.1 49.4 74.0
101 9.3 7.4 11.2
130 18.9 14.2 21.4



#20
3+4-Methylphenols
Concen: 60.22 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Tgt Ion:107 Resp: 798742
Ion Ratio Lower Upper
107 100
108 86.0 73.0 113.0
77 85.2 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: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:136 Resp: 843937

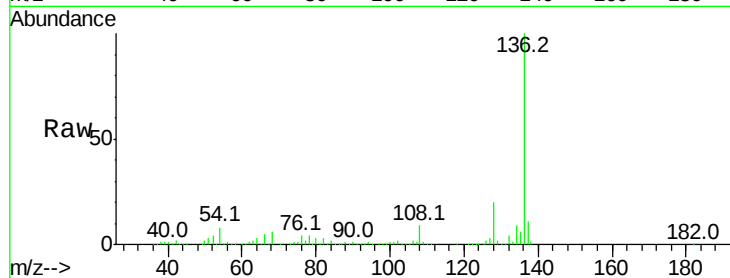
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 7.8 4.5 6.7#

68 5.6 3.6 5.4#

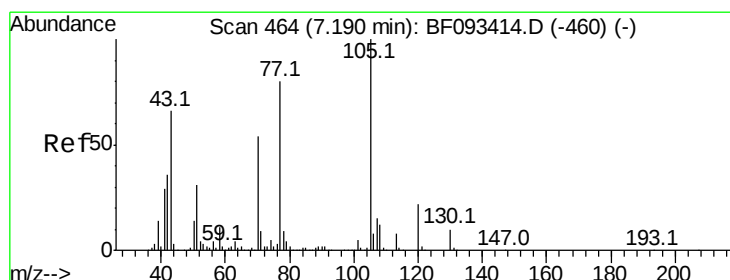
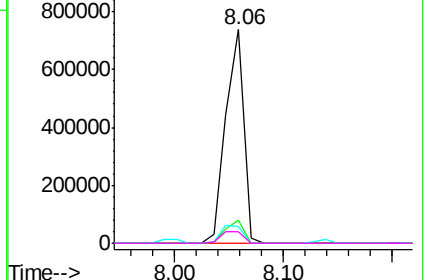
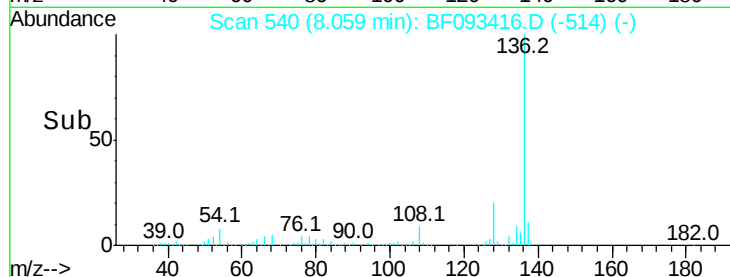


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.72 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Tgt Ion:105 Resp: 1073588

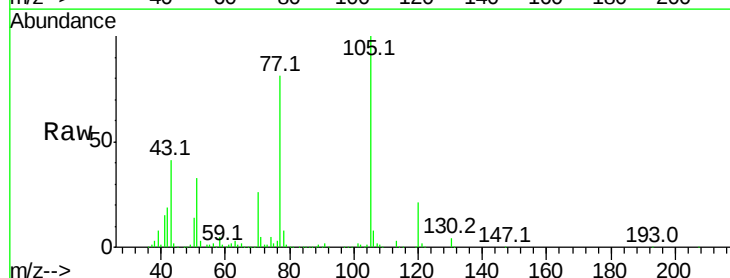
Ion Ratio Lower Upper

105 100

71 4.5 3.2 4.8

51 32.7 26.2 39.4

120 20.6 16.6 24.8

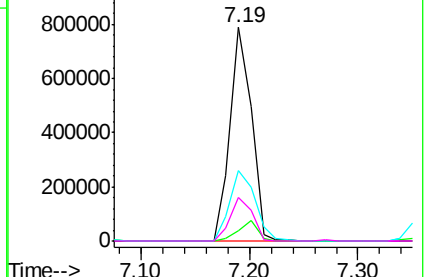
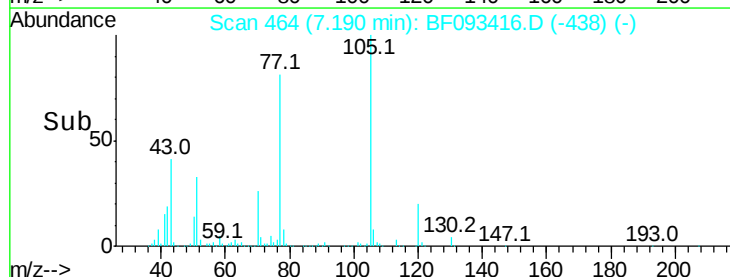


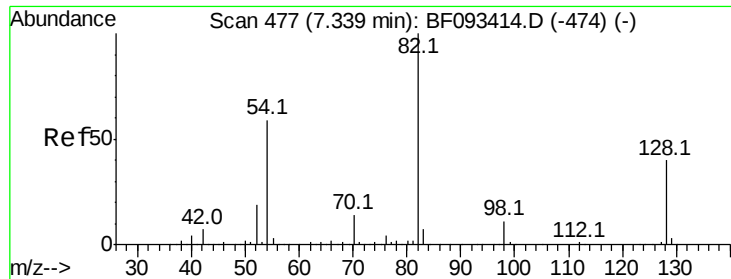
Abundance Ion 105.00 (104.70 to 105.70): E

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



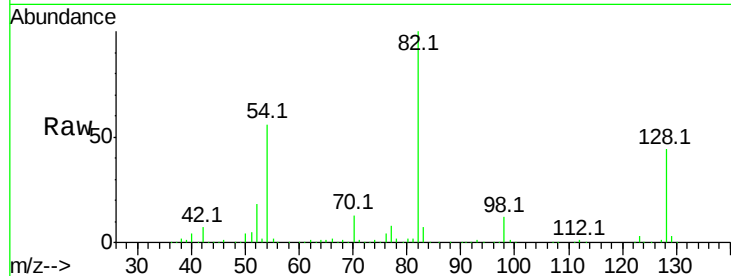


#23
 Nitrobenzene-d5
 Concen: 113.51 ng
 RT: 7.35 min Scan# 478
 Delta R.T. 0.01 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

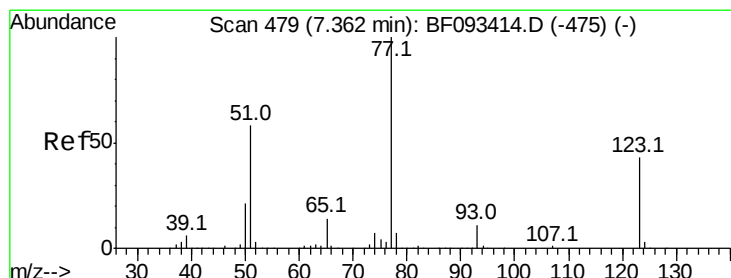
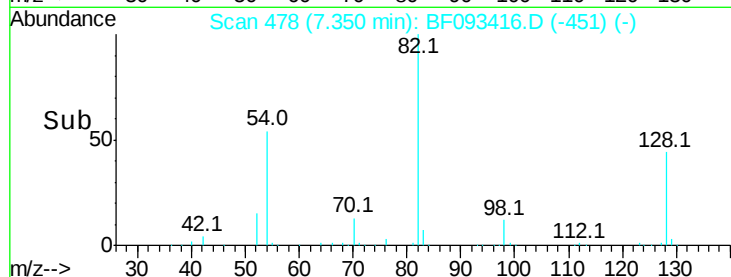
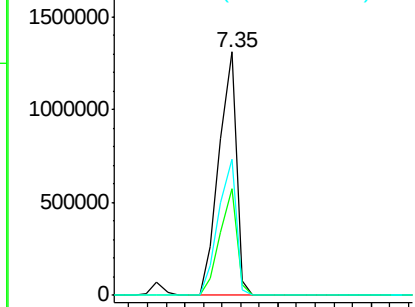
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion: 82 Resp: 1720244

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	52.0
54	56.2	39.5	59.3



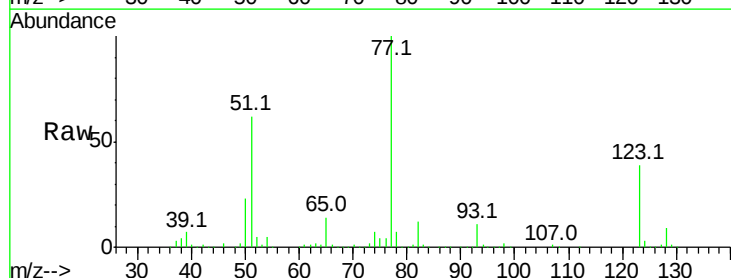
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



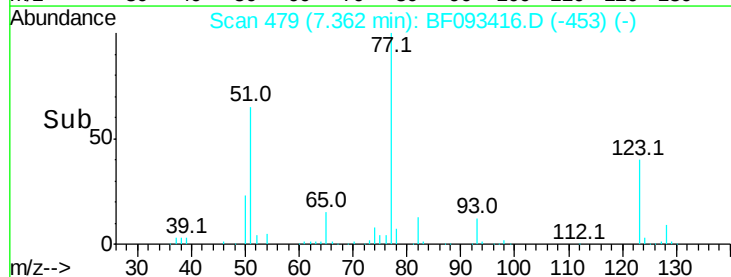
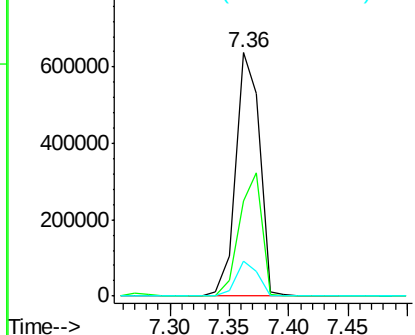
#24
 Nitrobenzene
 Concen: 57.14 ng
 RT: 7.36 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

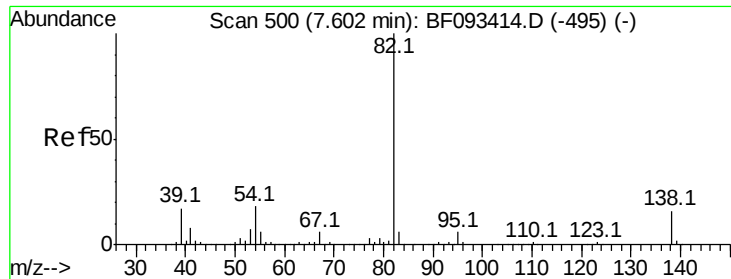
Tgt Ion: 77 Resp: 889212

Ion	Ratio	Lower	Upper
77	100		
123	39.1	33.0	49.4
65	14.2	11.2	16.8



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





#25

Isophorone

Concen: 62.07 ng

RT: 7.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

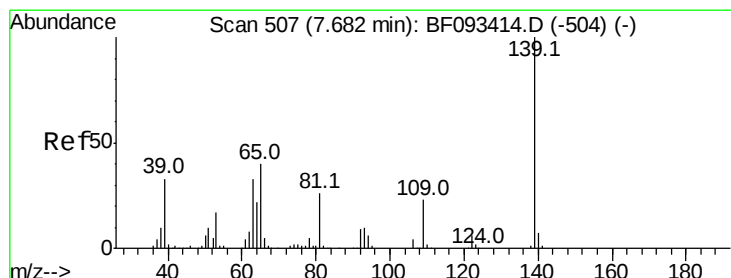
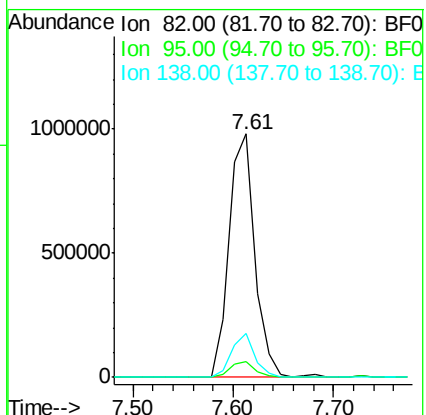
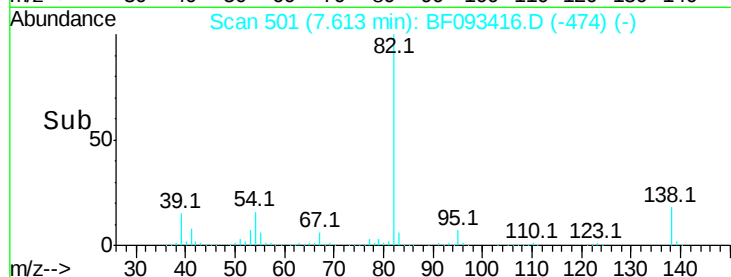
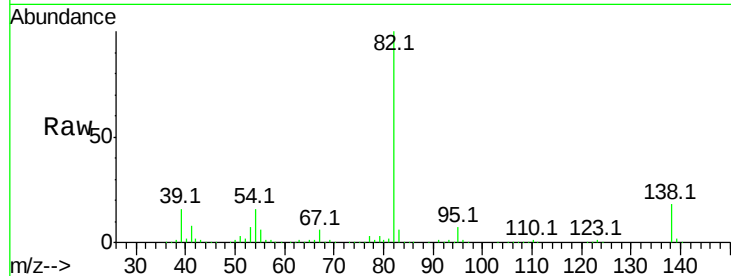
Tot Ion: 82 Resp: 1752951

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 18.0 14.6 22.0



#26

2-Nitrophenol

Concen: 64.86 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

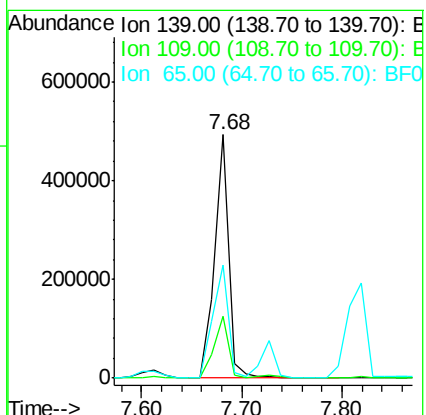
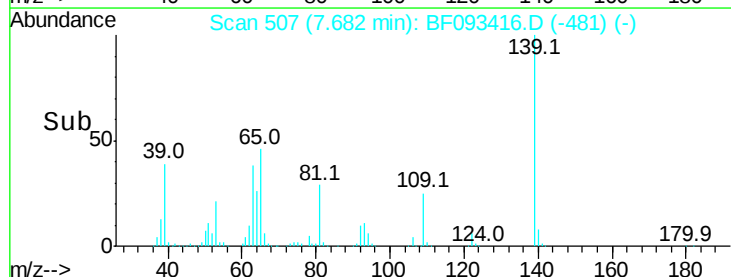
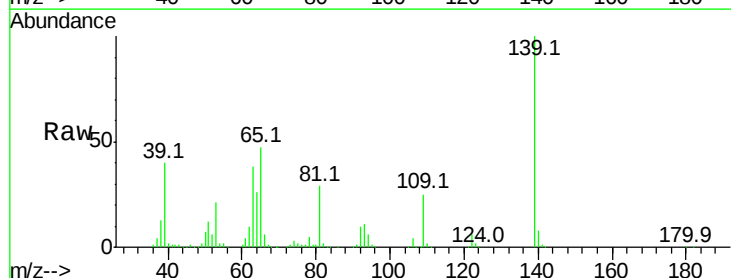
Tgt Ion:139 Resp: 479756

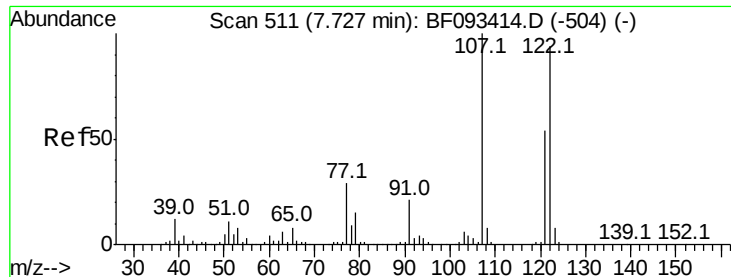
Ion Ratio Lower Upper

139 100

109 25.4 23.3 34.9

65 46.5 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 55.12 ng

RT: 7.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

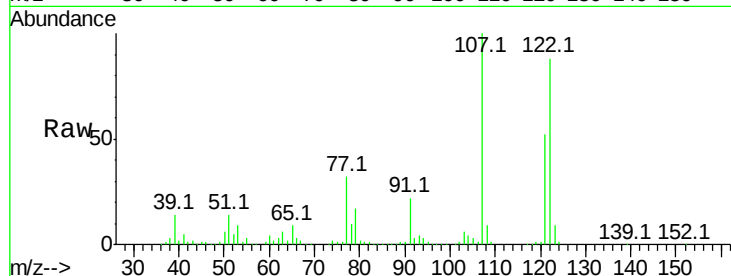
Tot Ion:122 Resp: 716099

Ion Ratio Lower Upper

122 100

107 113.6 94.1 141.1

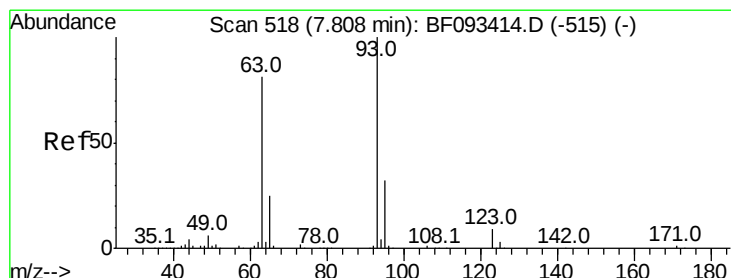
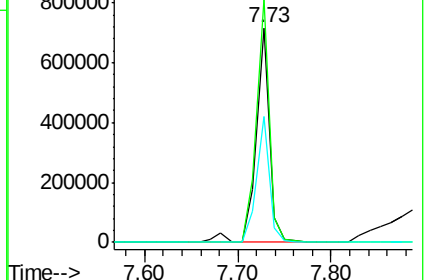
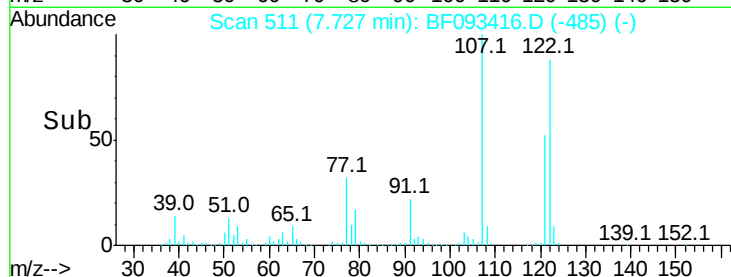
121 58.9 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 60.61 ng

RT: 7.82 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

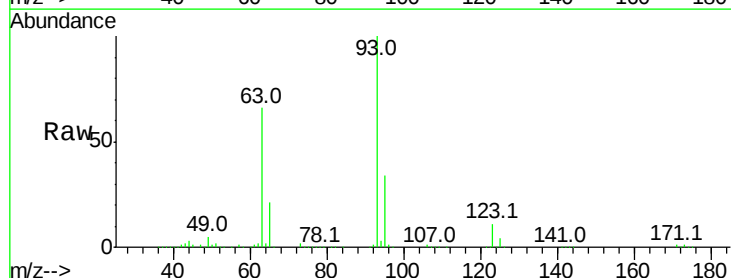
Tgt Ion: 93 Resp: 1133608

Ion Ratio Lower Upper

93 100

95 33.6 26.5 39.7

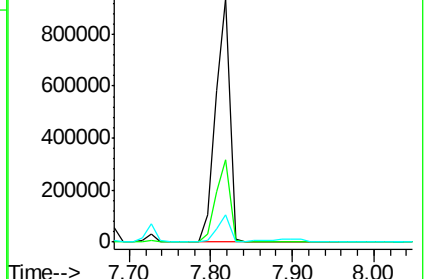
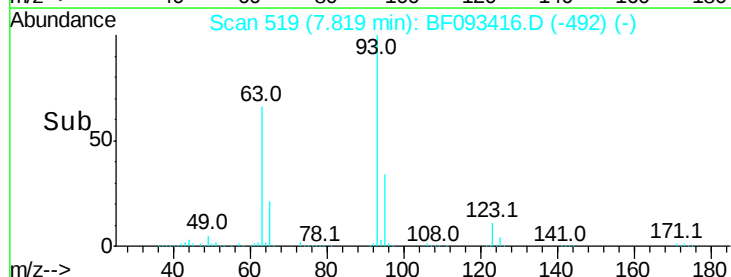
123 11.2 8.6 13.0

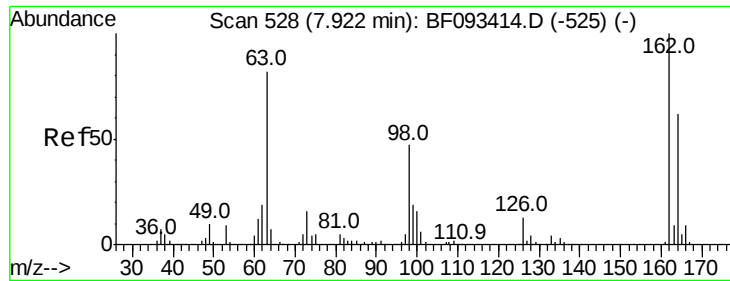


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

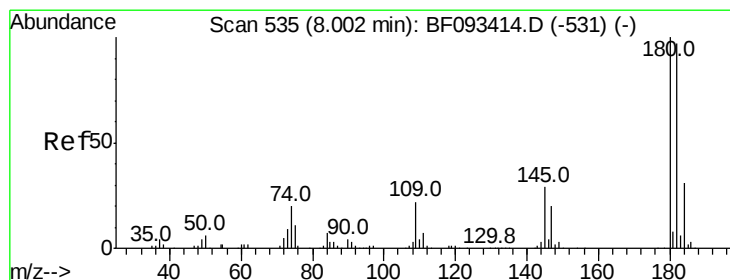
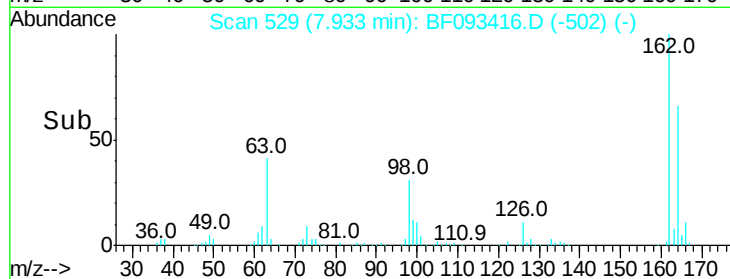
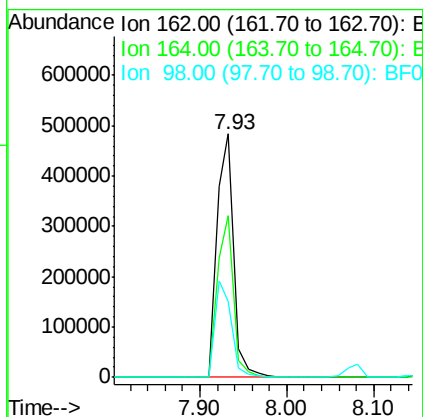
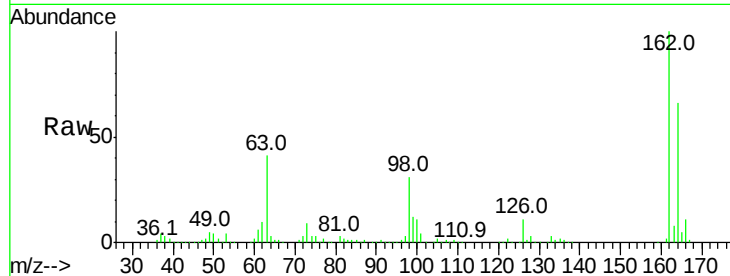




#29
 2,4-Dichlorophenol
 Concen: 53.87 ng
 RT: 7.93 min Scan# 529
 Delta R.T. 0.01 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

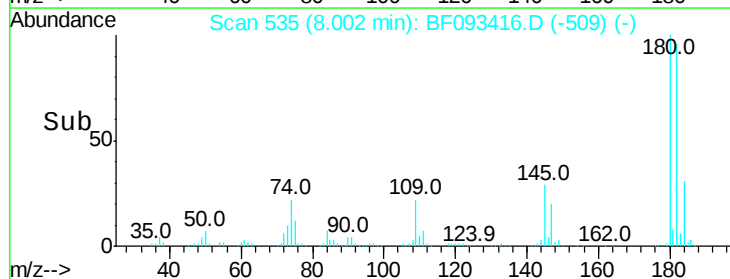
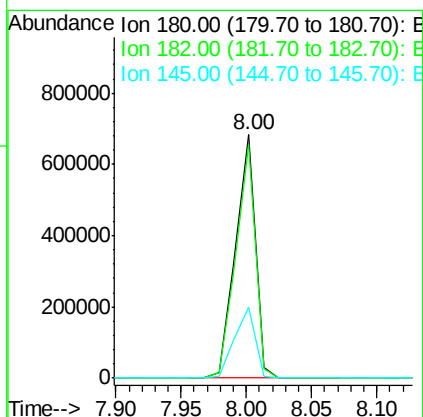
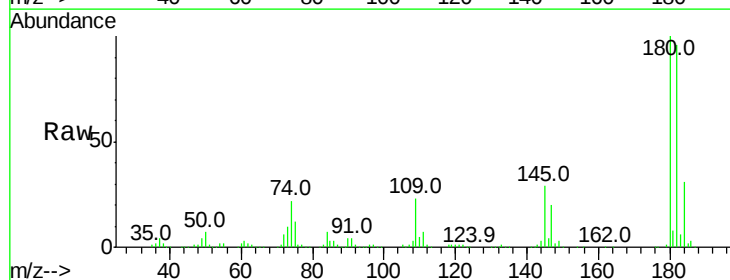
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

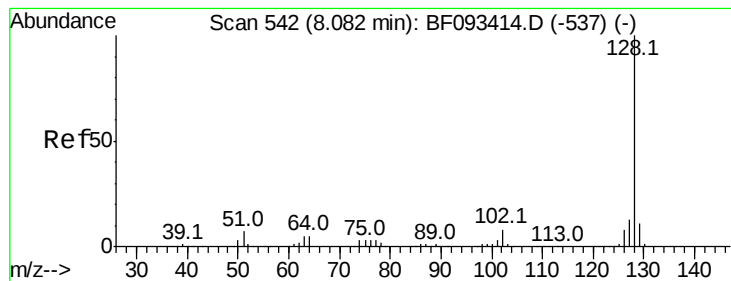
Tot Ion:162 Resp: 652711
 Ion Ratio Lower Upper
 162 100
 164 66.3 46.8 86.8
 98 31.3 9.1 49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 54.93 ng
 RT: 8.00 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Tgt Ion:180 Resp: 717252
 Ion Ratio Lower Upper
 180 100
 182 96.1 78.2 117.4
 145 29.3 21.6 32.4





#31

Naphthalene

Concen: 55.16 ng

RT: 8.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

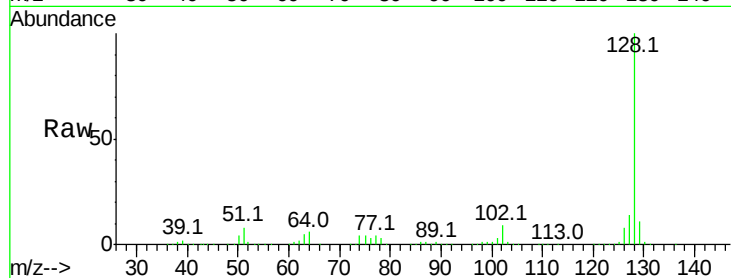
Tot Ion:128 Resp: 2359726

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

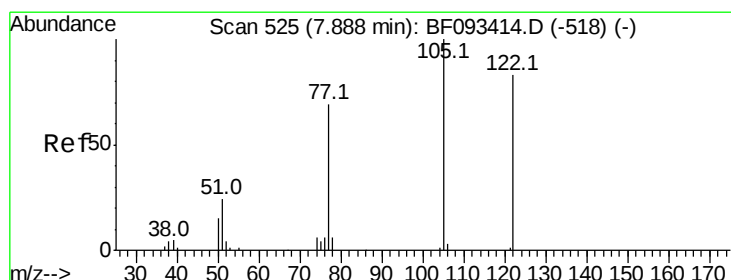
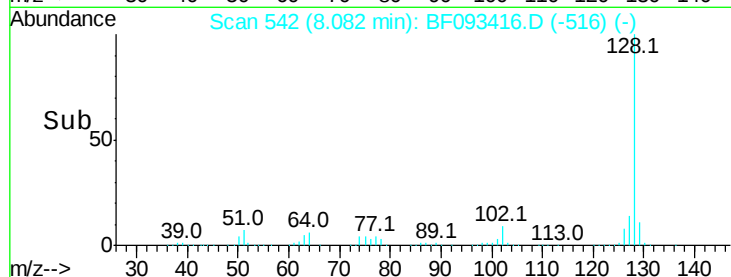
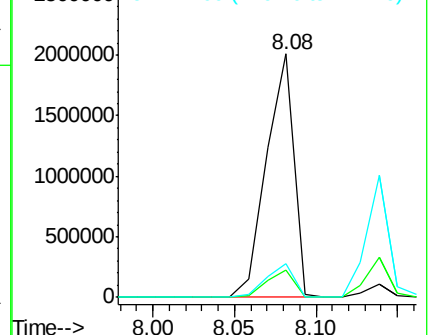
127 13.9 10.8 16.2



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: 69.68 ng

RT: 7.91 min Scan# 527

Delta R.T. 0.02 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

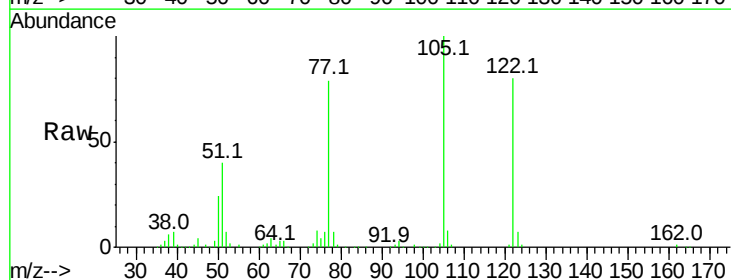
Tgt Ion:122 Resp: 459210

Ion Ratio Lower Upper

122 100

105 124.2 107.2 147.2

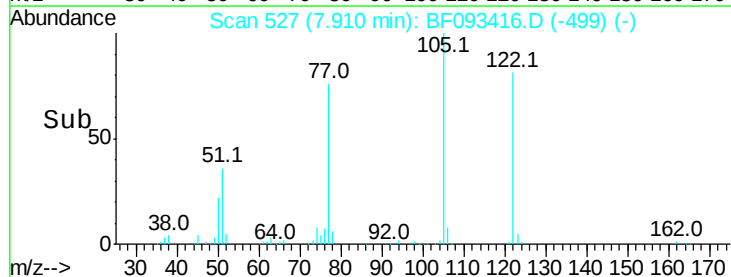
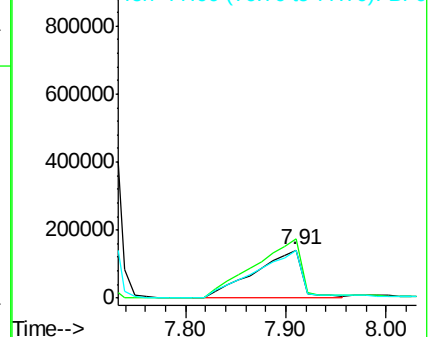
77 98.6 74.5 114.5

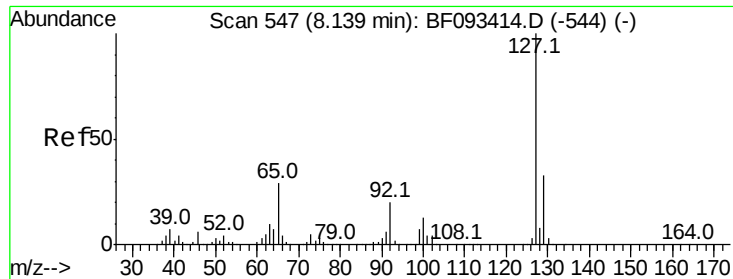


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

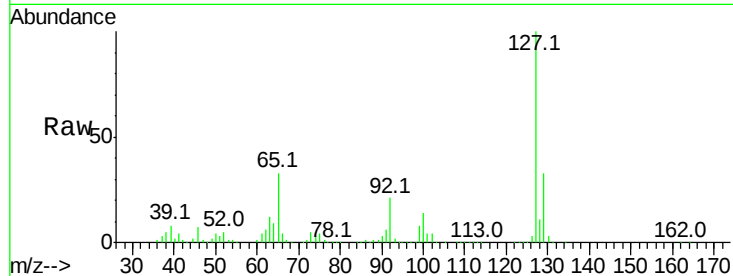




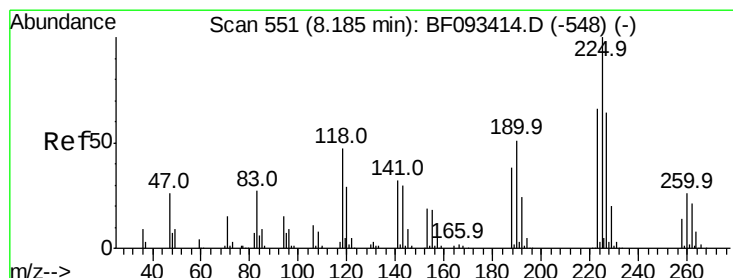
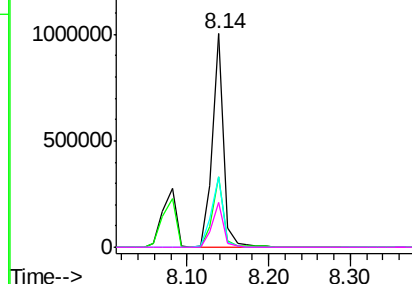
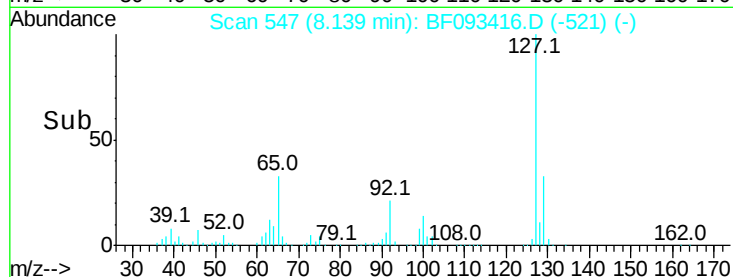
#33
 4-Chloroaniline
 Concen: 58.62 ng
 RT: 8.14 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	127	Resp:	983604
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	33.0	25.8	38.8
92	20.9	16.1	24.1

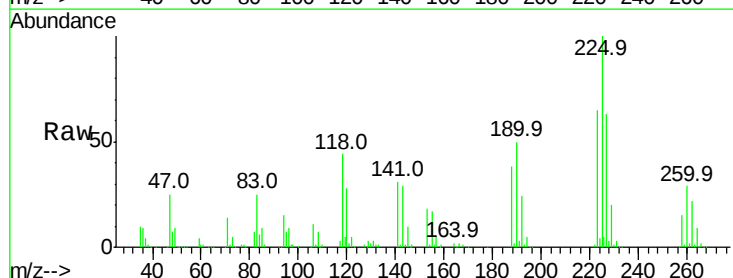


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

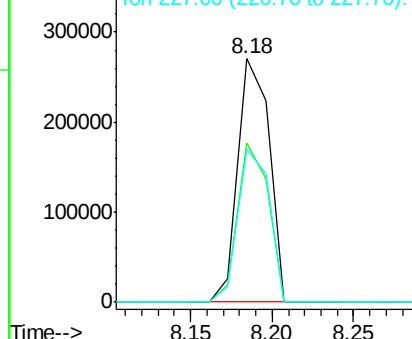
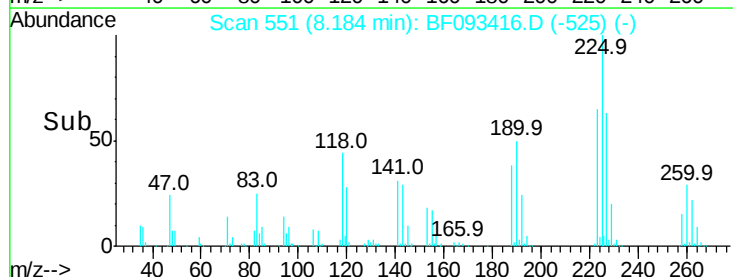


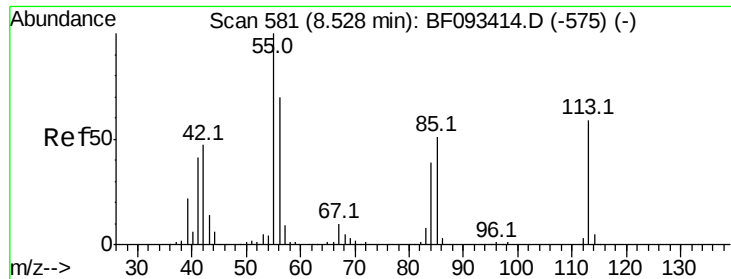
#34
 Hexachlorobutadiene
 Concen: 49.86 ng
 RT: 8.18 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Tgt Ion:	225	Resp:	358155
Ion	Ratio	Lower	Upper
225	100		
223	65.2	51.0	76.6
227	62.6	50.6	76.0



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

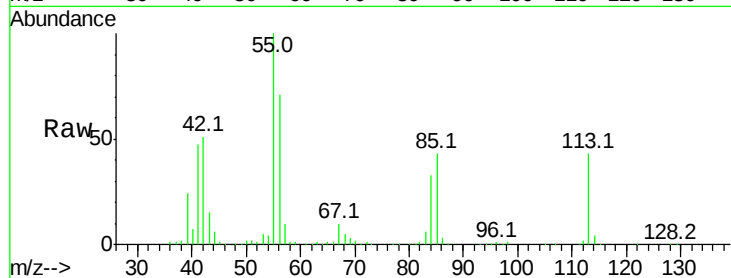




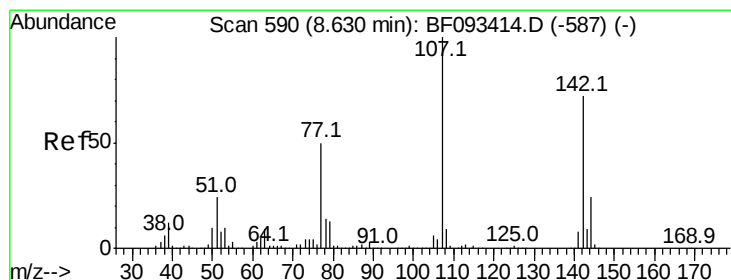
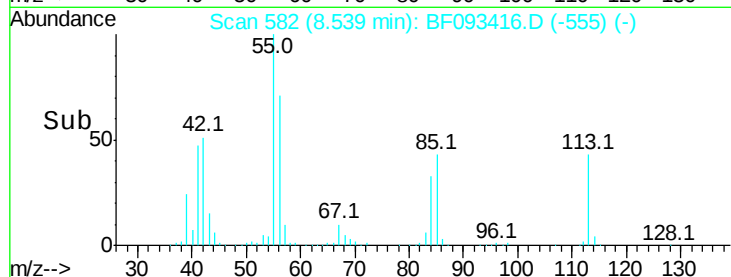
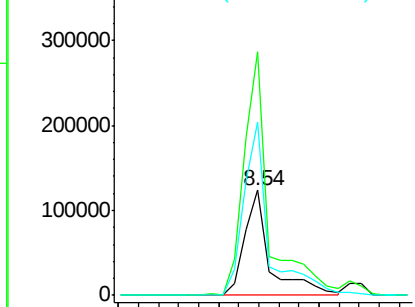
#35
Caprolactam
Concen: 57.39 ng
RT: 8.54 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:113 Resp: 218722
Ion Ratio Lower Upper
113 100
55 231.2 119.2 159.2#
56 165.1 83.8 123.8#

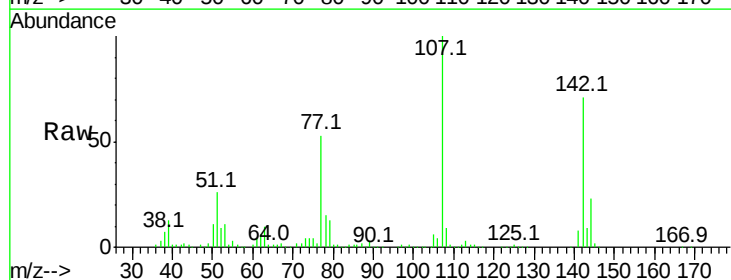


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

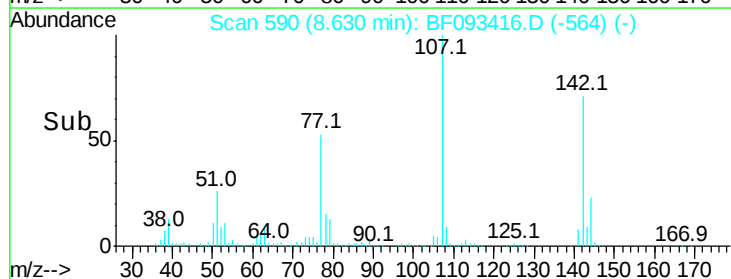
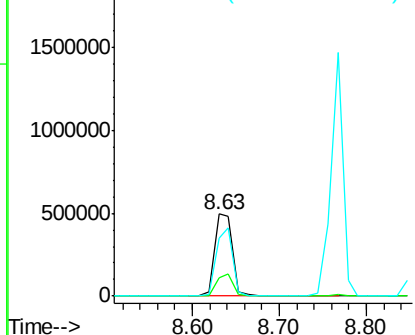


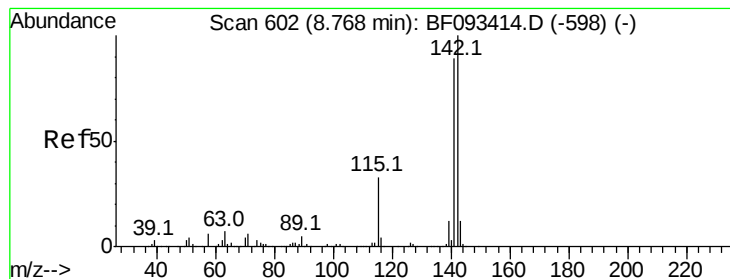
#36
4-Chloro-3-methylphenol
Concen: 56.93 ng
RT: 8.63 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Tgt Ion:107 Resp: 719095
Ion Ratio Lower Upper
107 100
144 22.7 19.3 28.9
142 71.1 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

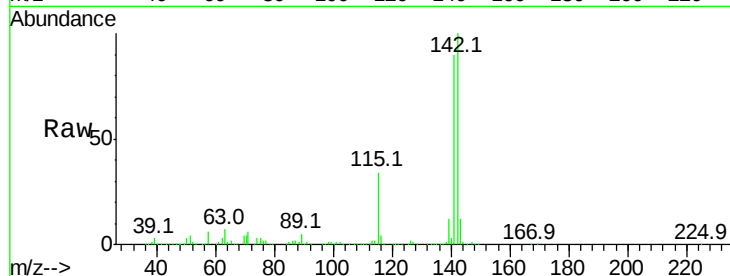




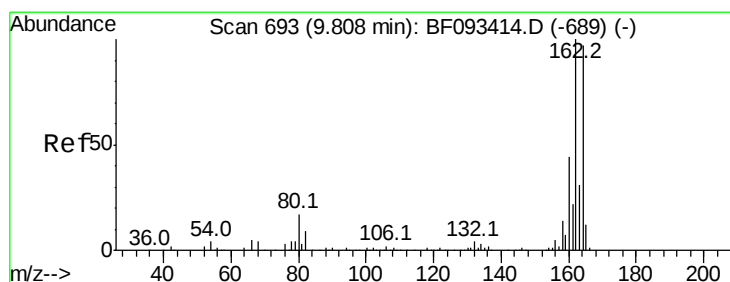
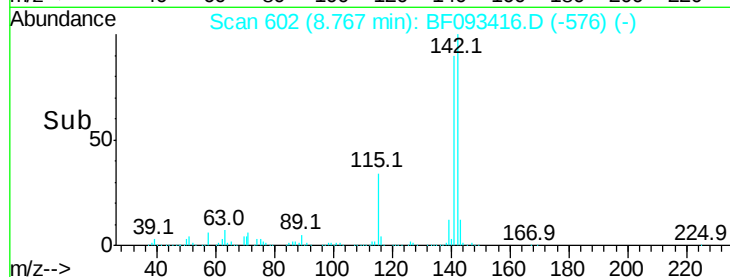
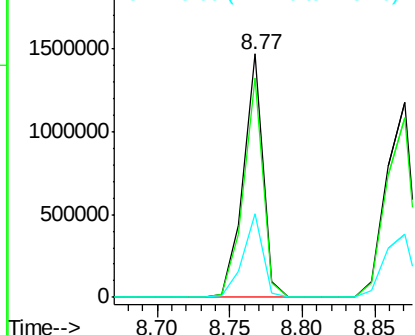
#37
2-Methylnaphthalene
Concen: 50.57 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:142 Resp: 1389144
Ion Ratio Lower Upper
142 100
141 90.0 71.0 106.6
115 34.4 28.3 42.5

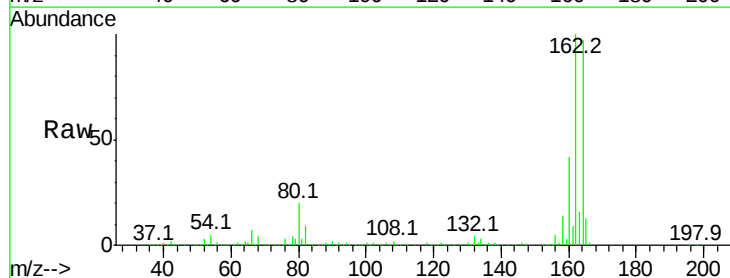


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

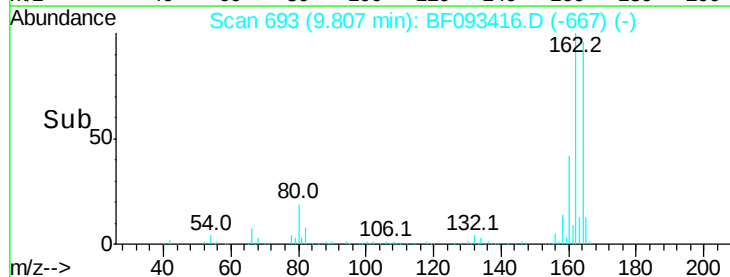
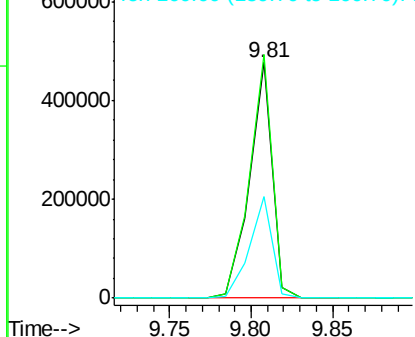


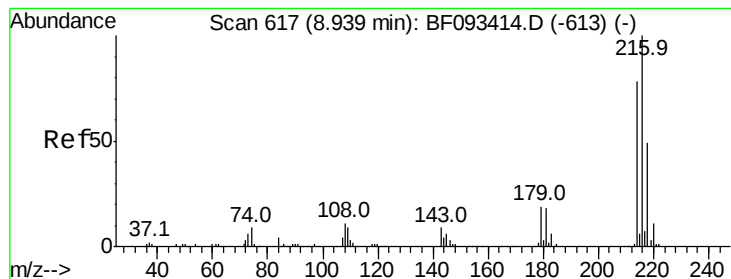
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Tgt Ion:164 Resp: 458006
Ion Ratio Lower Upper
164 100
162 103.4 80.2 120.2
160 43.1 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: 53.55 ng

RT: 8.94 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:216 Resp: 688420

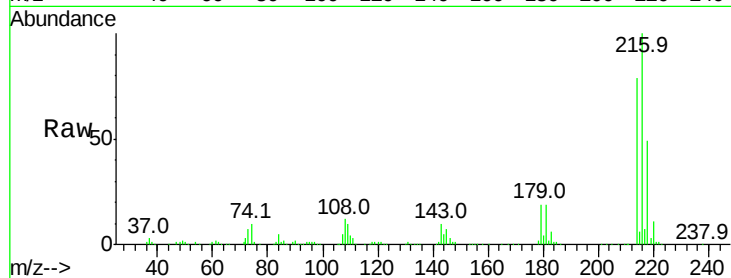
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 21.8 17.4 26.2

108 18.1 15.6 23.4

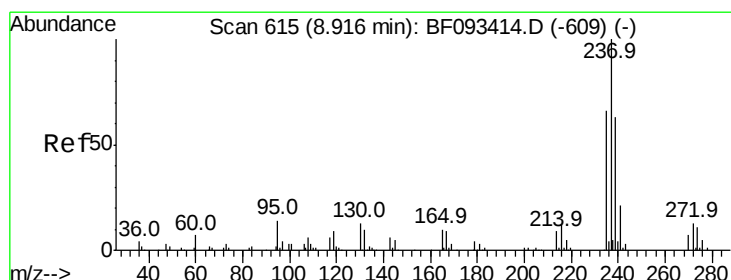
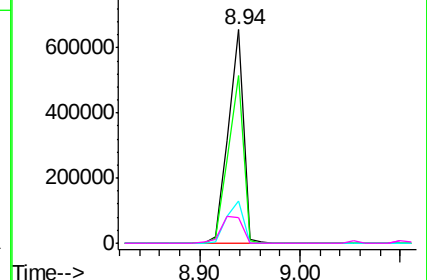
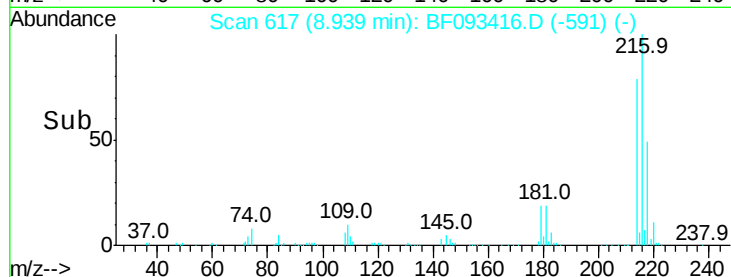


Abundance Ion 216.00 (215.70 to 216.70): E

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: 30.51 ng

RT: 8.92 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

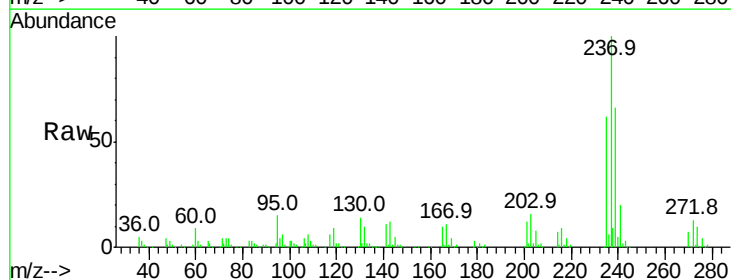
Tgt Ion:237 Resp: 176998

Ion Ratio Lower Upper

237 100

235 62.3 41.2 81.2

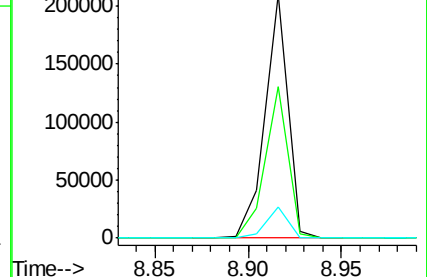
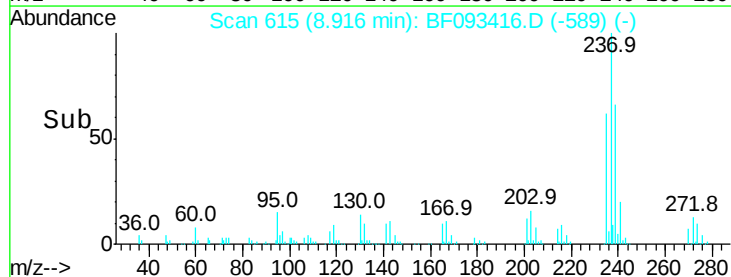
272 12.8 0.0 35.4

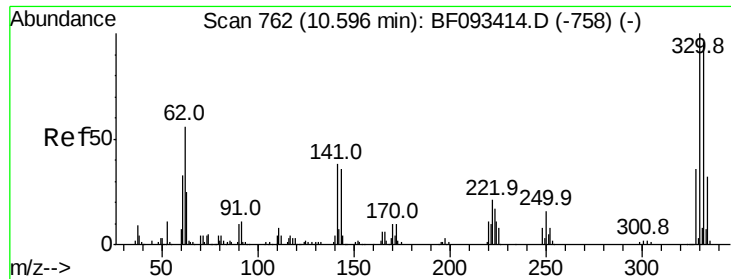


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

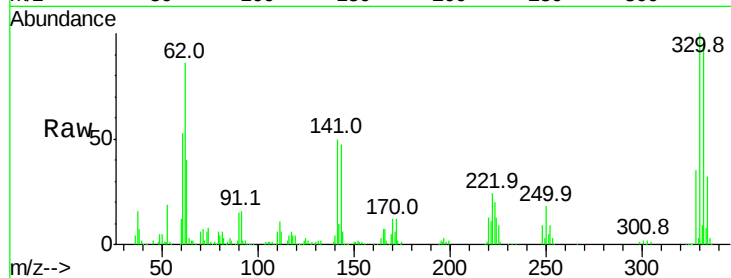




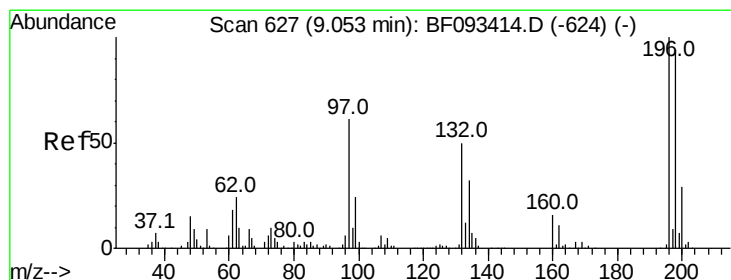
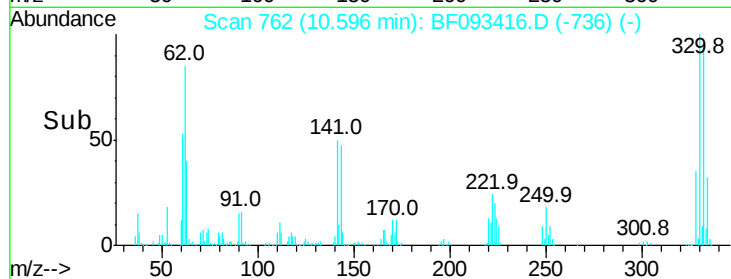
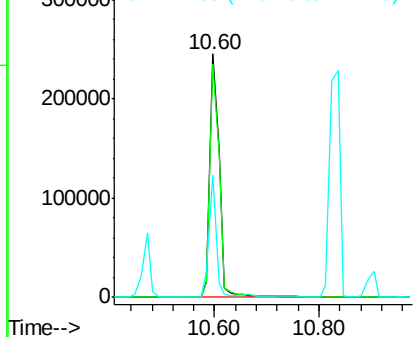
#41
 2,4,6-Tribromophenol
 Concen: 92.65 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:330 Resp: 306924
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 38.8 34.1 51.1

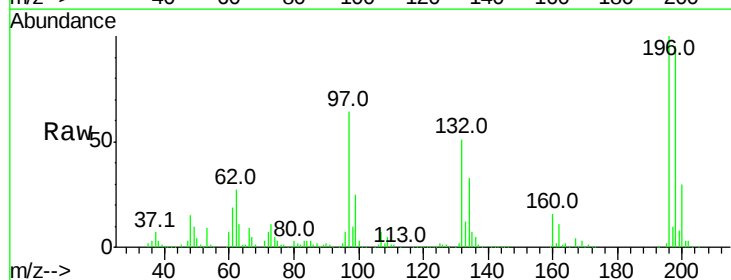


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

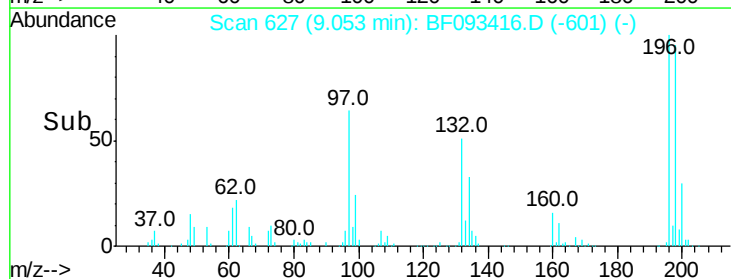
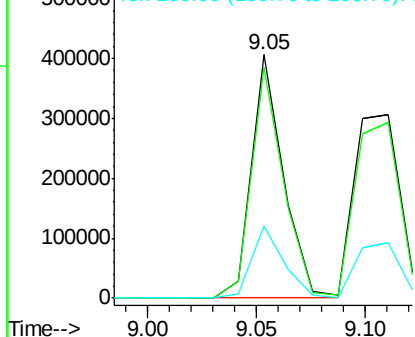


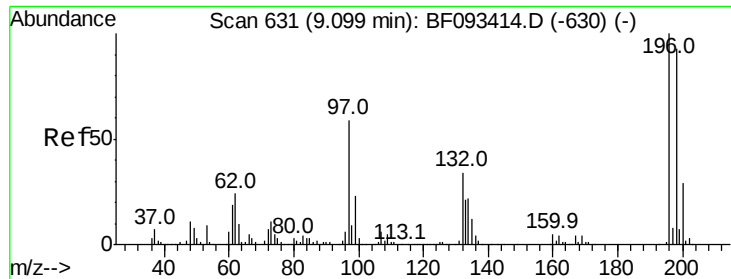
#42
 2,4,6-Trichlorophenol
 Concen: 49.41 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Tgt Ion:196 Resp: 417411
 Ion Ratio Lower Upper
 196 100
 198 94.6 82.1 123.1
 200 29.7 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

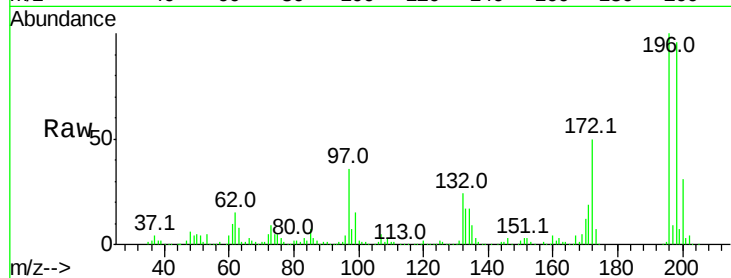




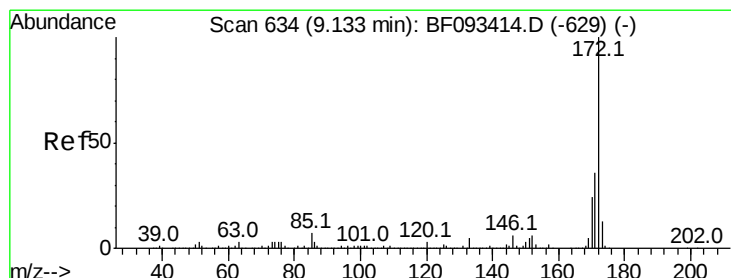
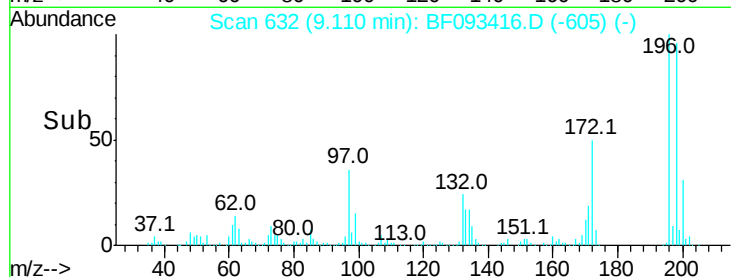
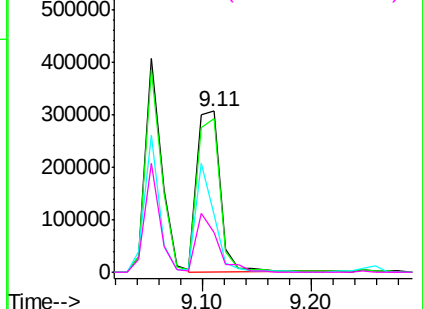
#43
 2,4,5-Trichlorophenol
 Concen: 49.61 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC060

Tot Ion:196 Resp: 459195
 Ion Ratio Lower Upper
 196 100
 198 95.7 79.4 119.2
 97 36.2 51.5 77.3#
 132 24.3 27.4 41.2#

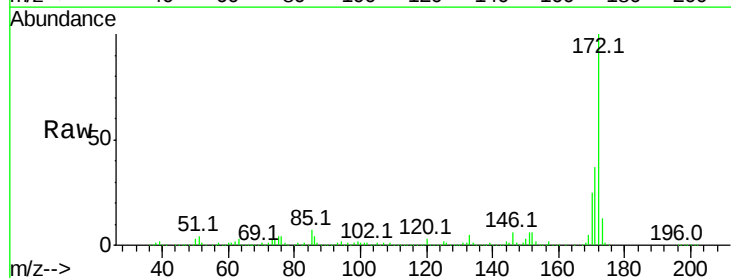


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

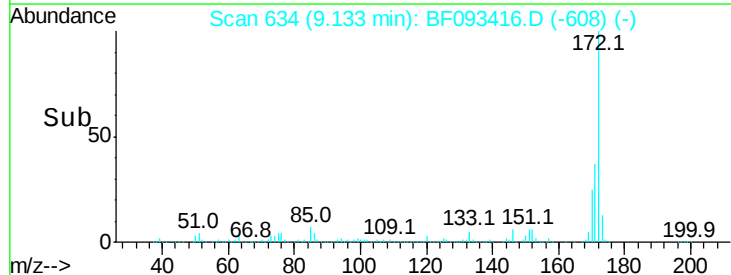
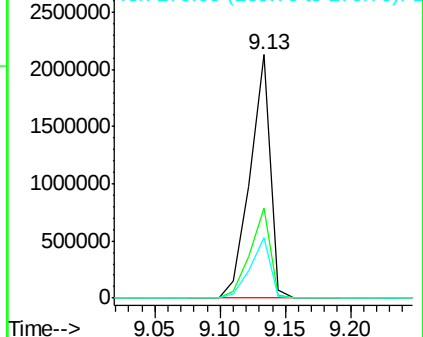


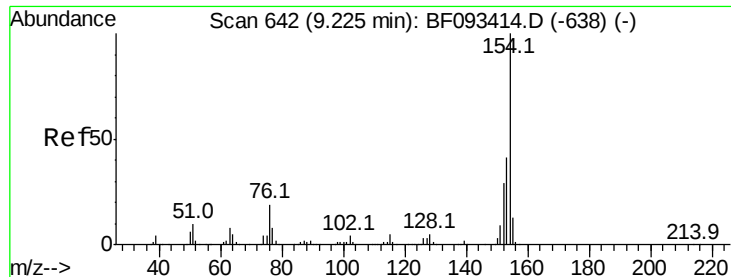
#44
 2-Fluorobiphenyl
 Concen: 90.62 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Tgt Ion:172 Resp: 2290964
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 24.8 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 54.62 ng

RT: 9.24 min Scan# 643

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

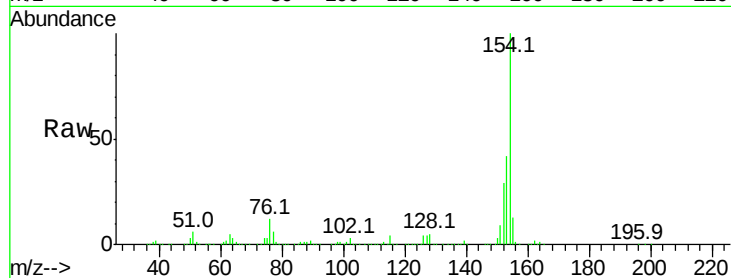
Tot Ion:154 Resp: 1811616

Ion Ratio Lower Upper

154 100

153 42.0 20.9 60.9

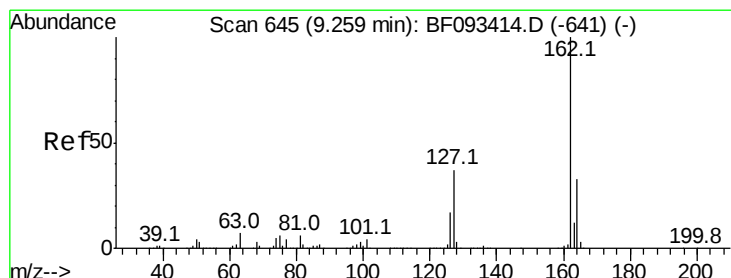
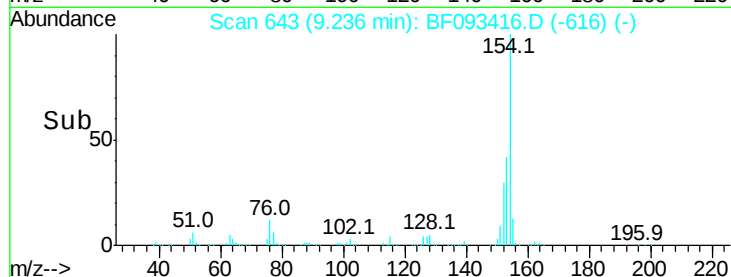
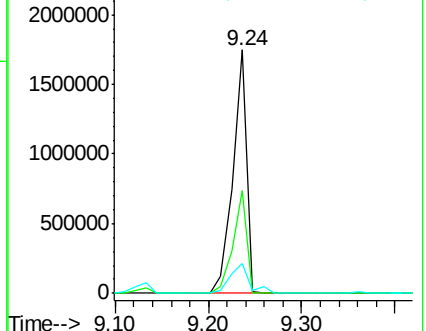
76 12.3 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 52.41 ng

RT: 9.26 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

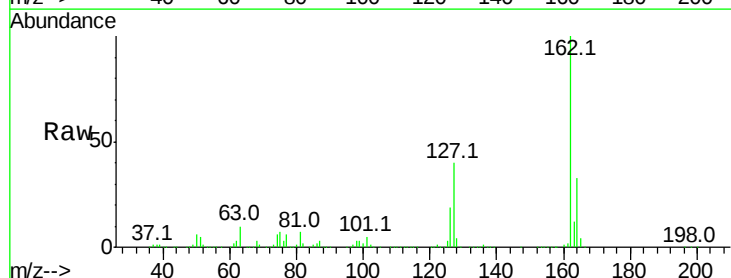
Tgt Ion:162 Resp: 1359701

Ion Ratio Lower Upper

162 100

127 40.1 30.7 46.1

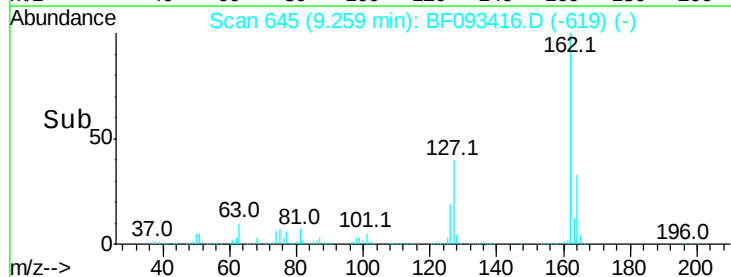
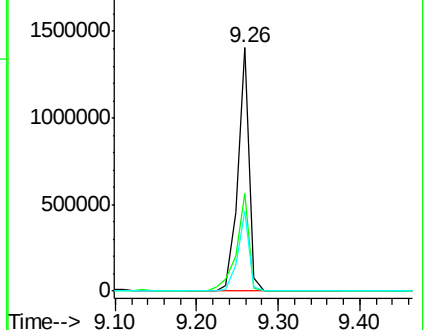
164 33.0 27.6 41.4

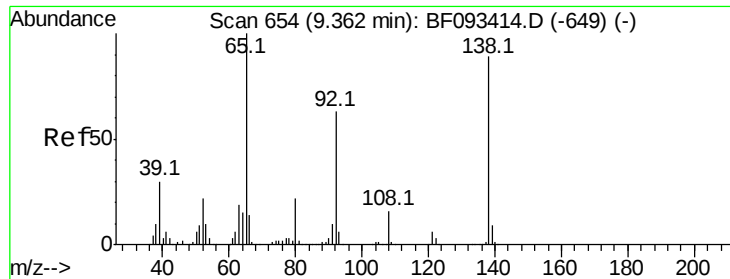


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.50 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

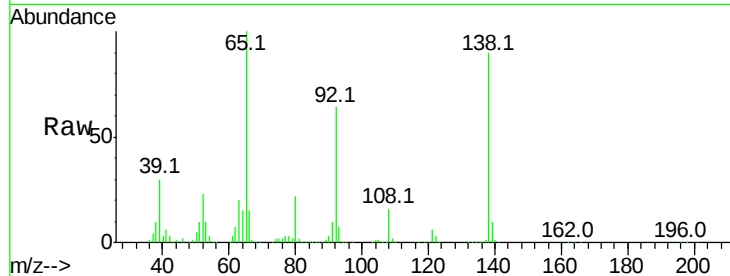
Tot Ion: 65 Resp: 466631

Ion Ratio Lower Upper

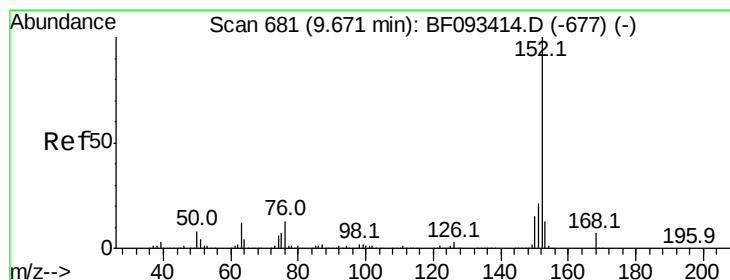
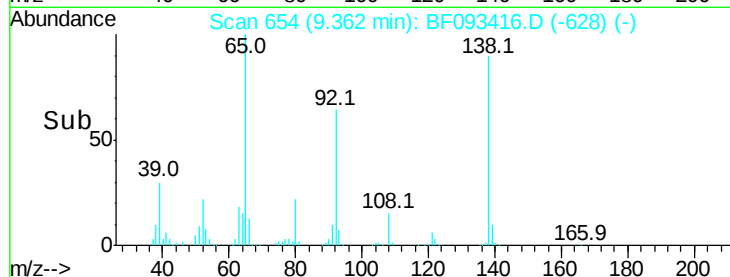
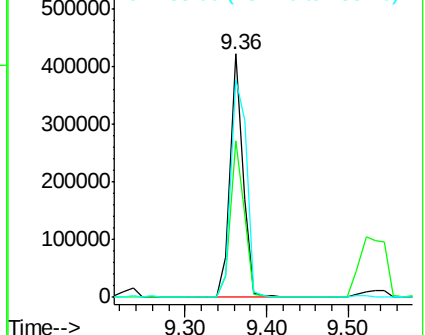
65 100

92 64.2 53.9 80.9

138 89.7 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: 45.75 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

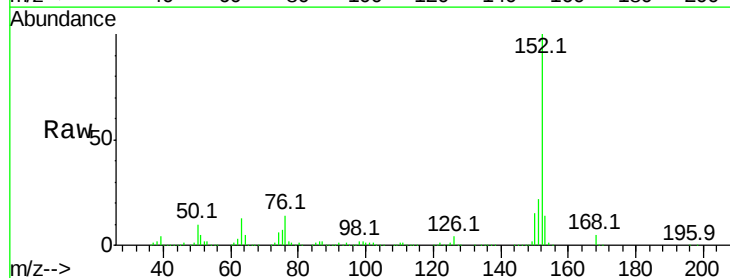
Tgt Ion: 152 Resp: 2050213

Ion Ratio Lower Upper

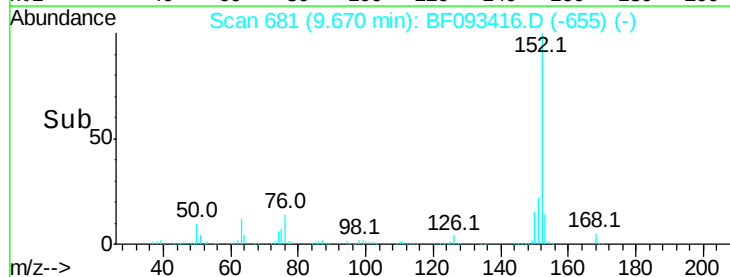
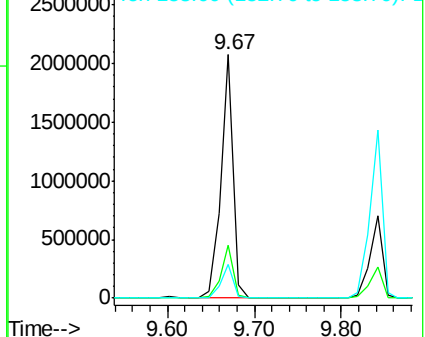
152 100

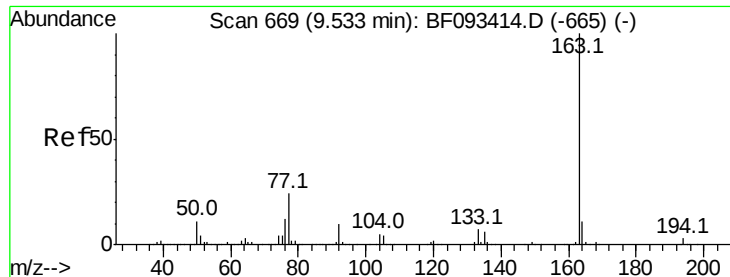
151 21.6 16.9 25.3

153 13.8 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

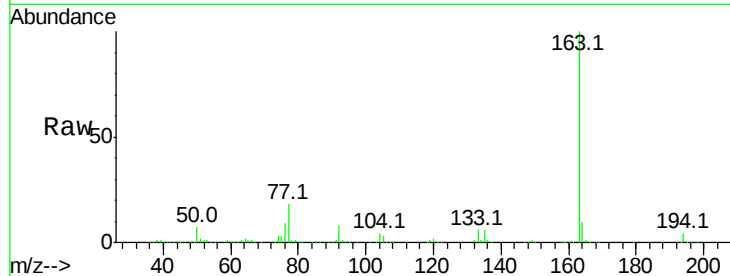




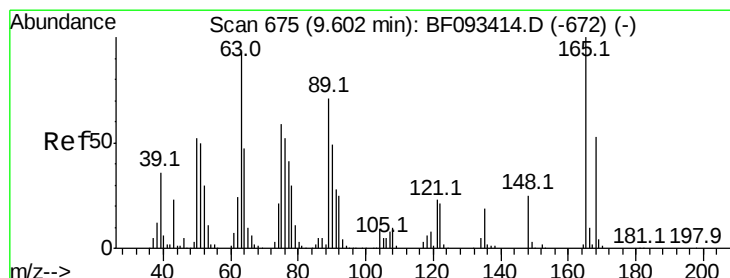
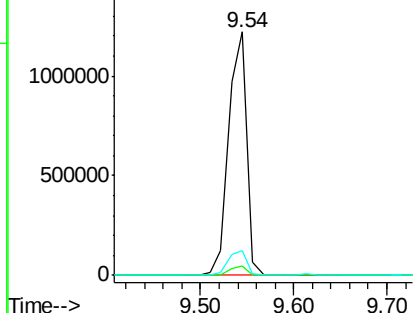
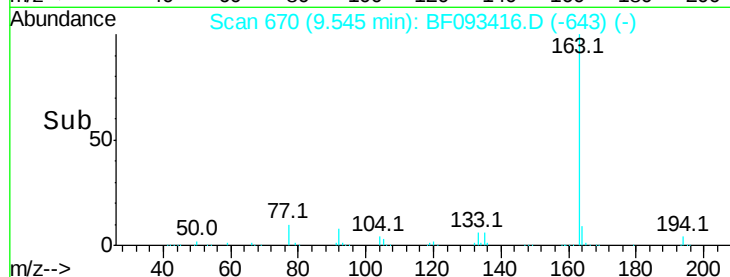
#49
Dimethylphthalate
Concen: 53.37 ng
RT: 9.54 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:163 Resp: 1646574
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 8.0 12.0

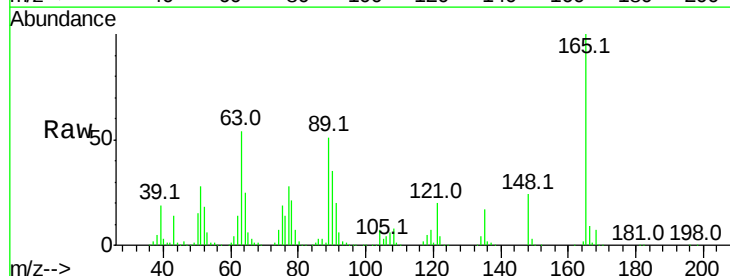


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

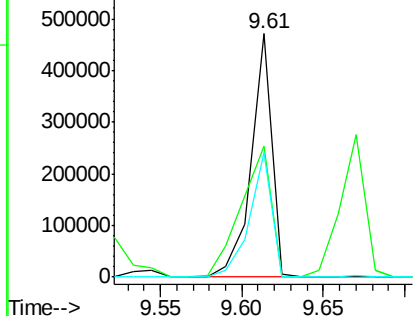
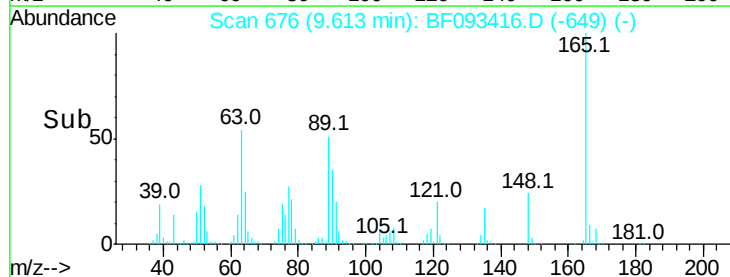


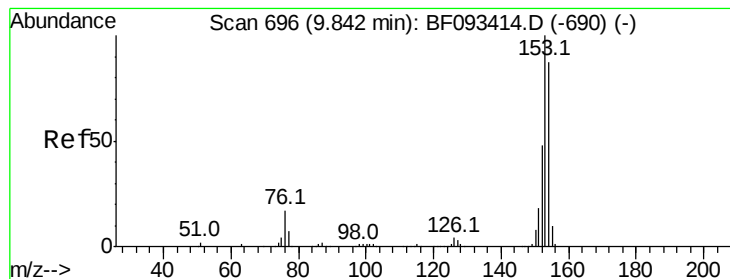
#50
2,6-Dinitrotoluene
Concen: 61.90 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Tgt Ion:165 Resp: 412383
Ion Ratio Lower Upper
165 100
63 54.0 36.2 54.4
89 51.4 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.45 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

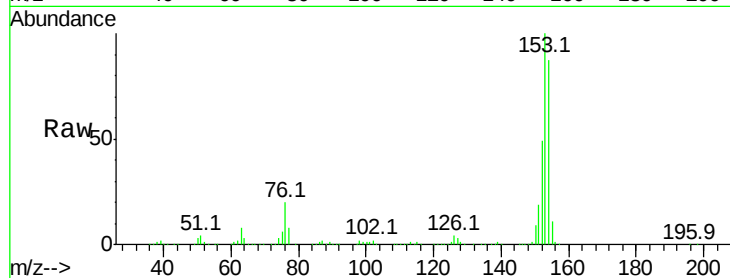
Tot Ion:154 Resp: 1244540

Ion Ratio Lower Upper

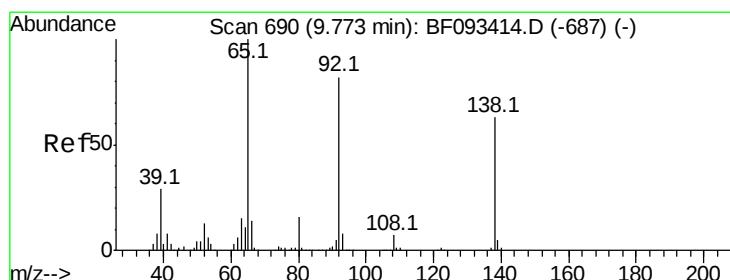
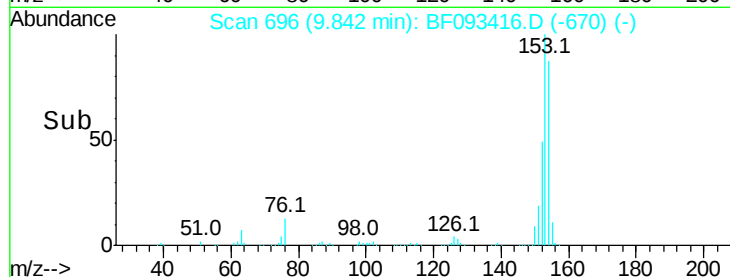
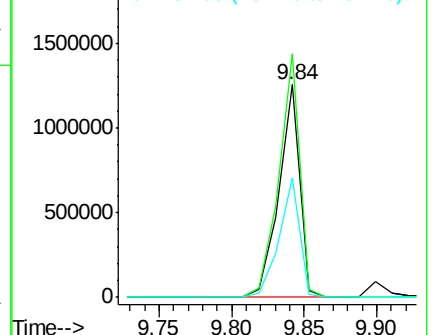
154 100

153 114.5 88.6 133.0

152 56.0 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: 63.85 ng

RT: 9.78 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

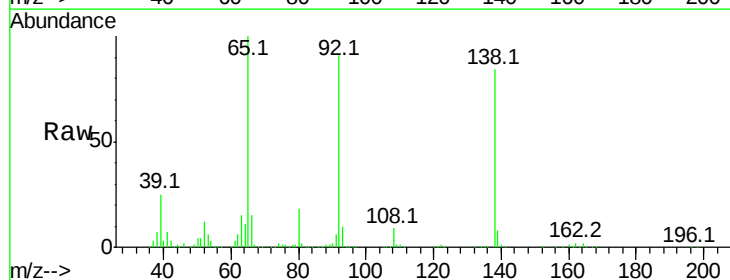
Tgt Ion:138 Resp: 486844

Ion Ratio Lower Upper

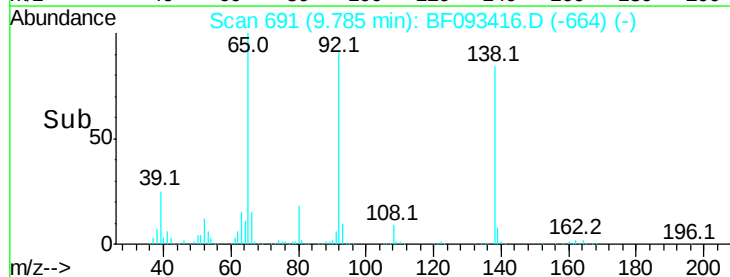
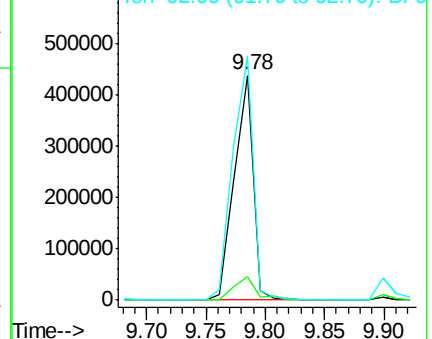
138 100

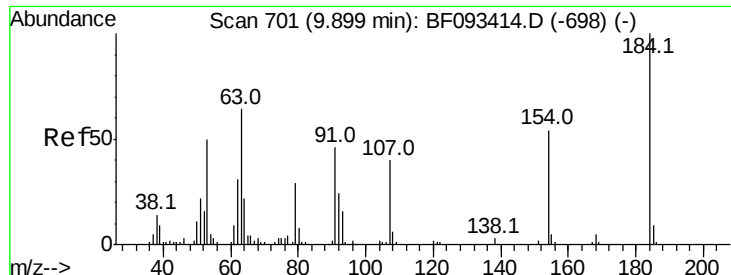
108 10.2 8.5 12.7

92 108.2 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

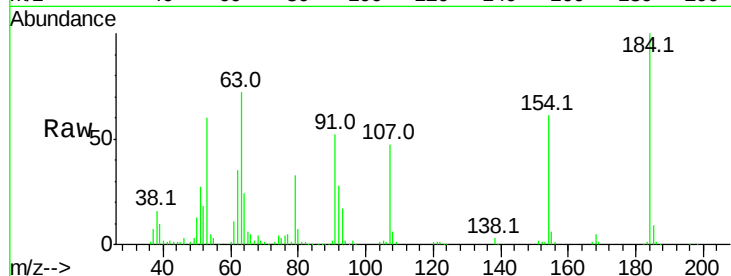




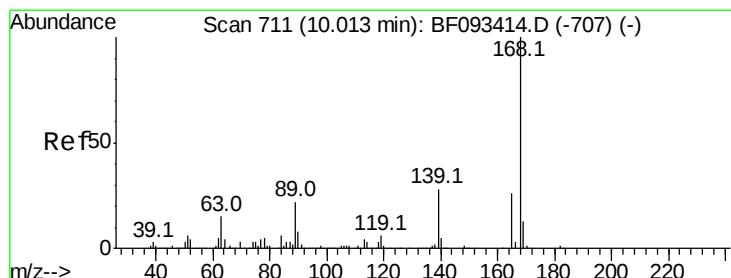
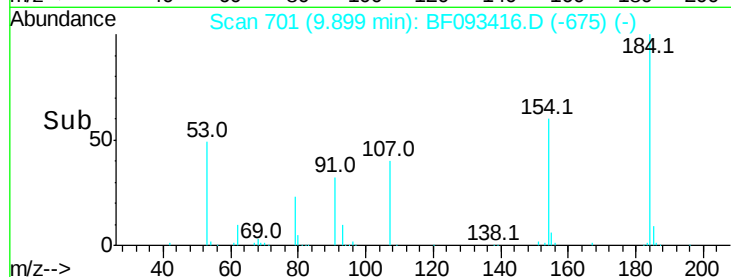
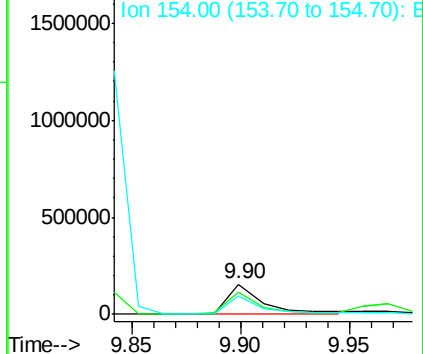
#53
2,4-Dinitrophenol
Concen: 61.46 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:184 Resp: 182829
Ion Ratio Lower Upper
184 100
63 72.2 28.4 42.6#
154 60.6 44.3 66.5

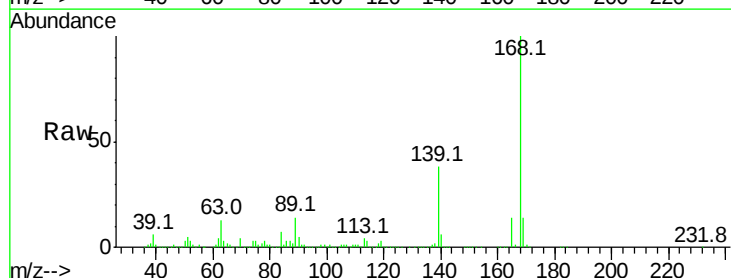


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

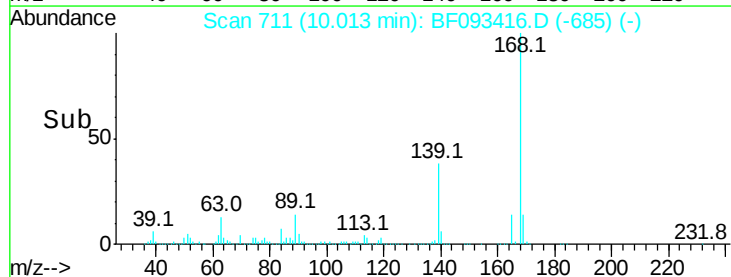
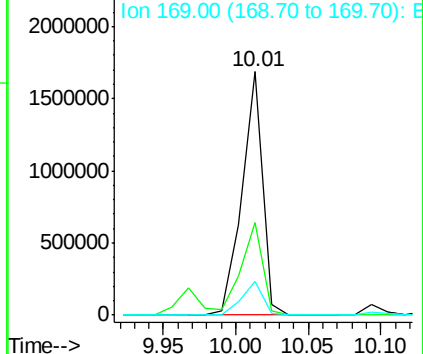


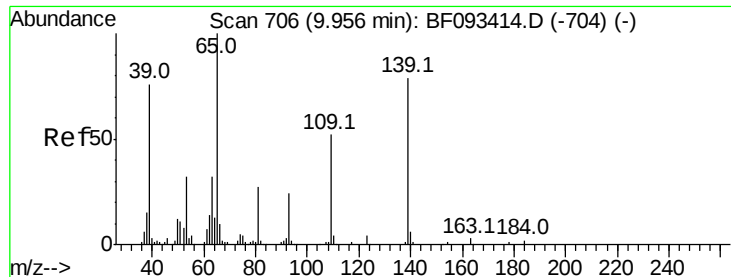
#54
Dibenzofuran
Concen: 46.25 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Tgt Ion:168 Resp: 1657748
Ion Ratio Lower Upper
168 100
139 38.1 32.6 49.0
169 13.7 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

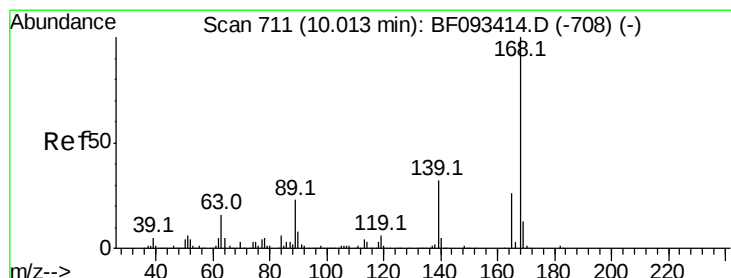
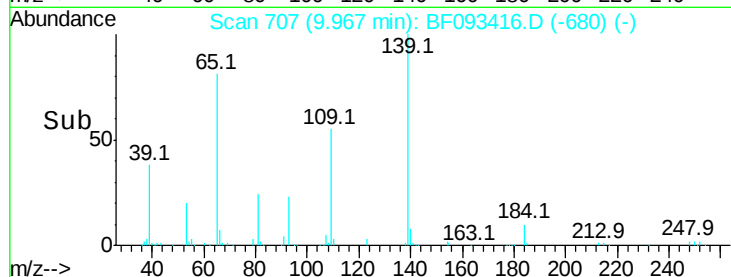
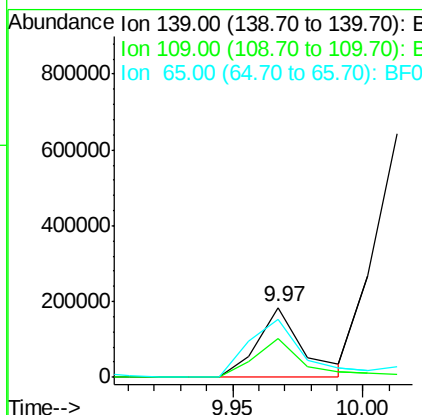
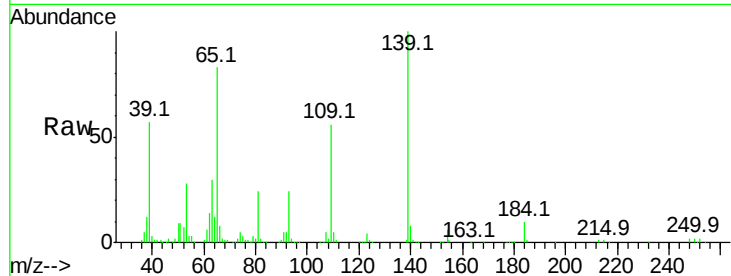




#55
4-Nitrophenol
Concen: 41.10 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

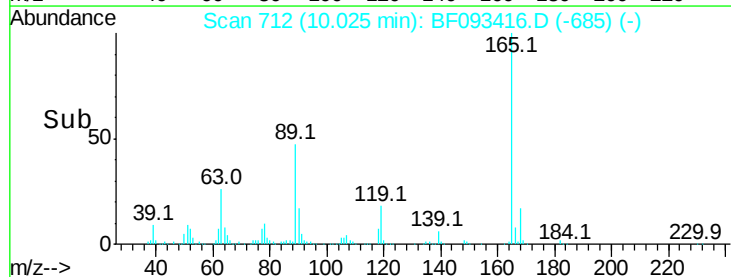
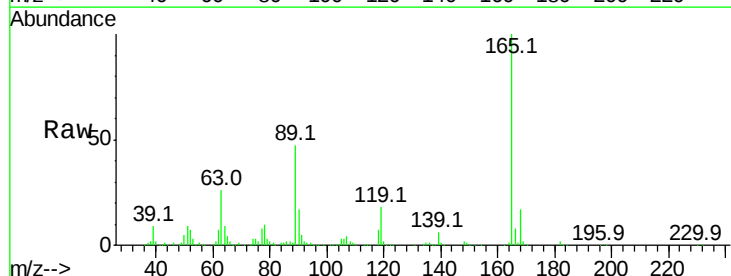
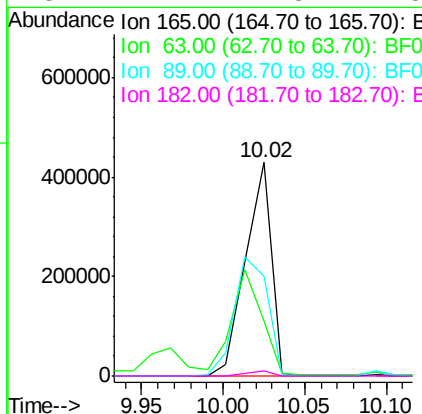
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

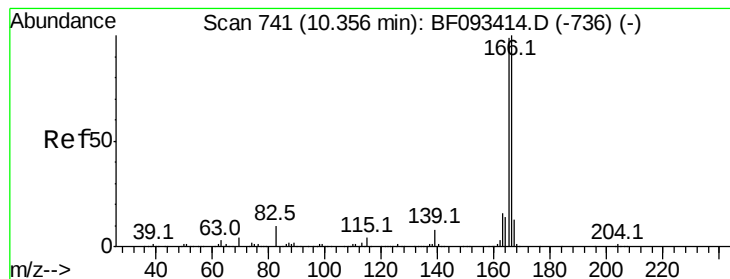
Tot Ion:139 Resp: 225716
Ion Ratio Lower Upper
139 100
109 56.2 52.2 92.2
65 82.6 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 53.12 ng
RT: 10.02 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Tgt Ion:165 Resp: 471159
Ion Ratio Lower Upper
165 100
63 25.6 40.2 60.4#
89 46.9 62.5 93.7#
182 2.4 1.8 2.8





#57

Fluorene

Concen: 49.28 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

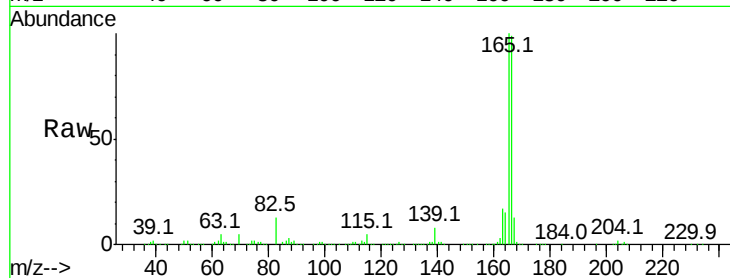
Tot Ion:166 Resp: 1358743

Ion Ratio Lower Upper

166 100

165 100.6 77.8 116.8

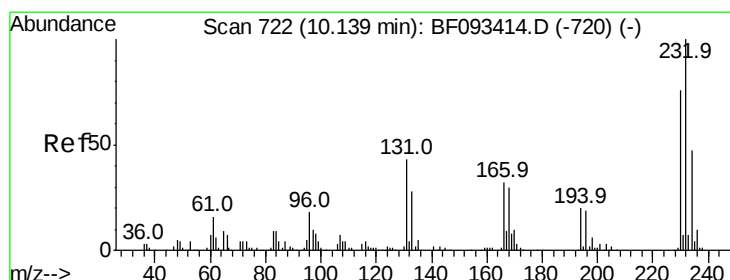
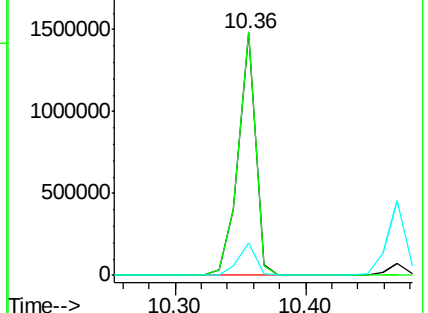
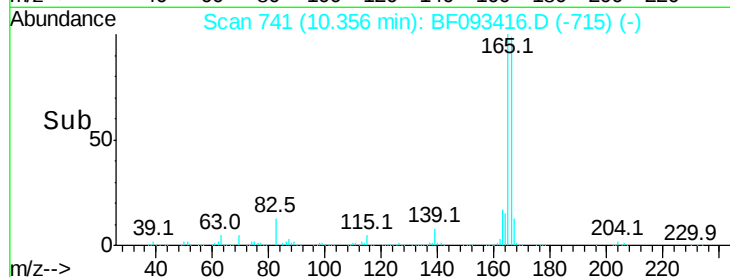
167 13.4 10.8 16.2



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: 51.22 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Tgt Ion:232 Resp: 316251

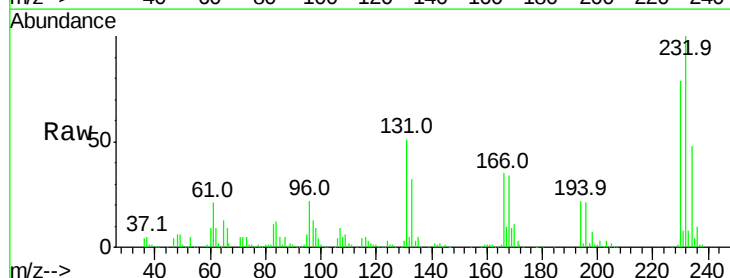
Ion Ratio Lower Upper

232 100

131 47.8 40.1 60.1

130 2.5 1.8 2.8

166 32.5 26.6 39.8

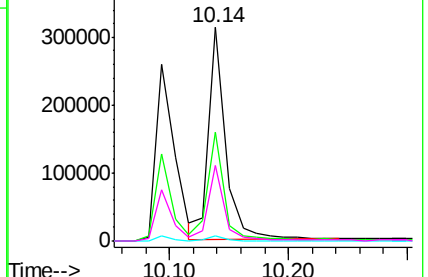
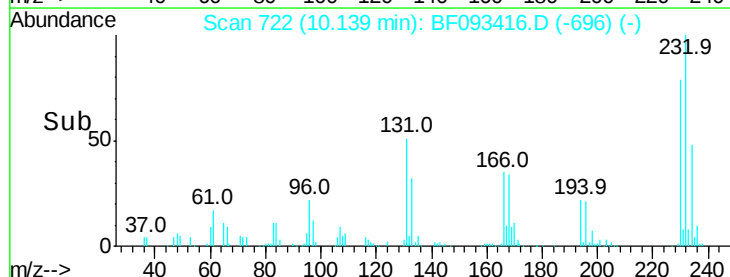


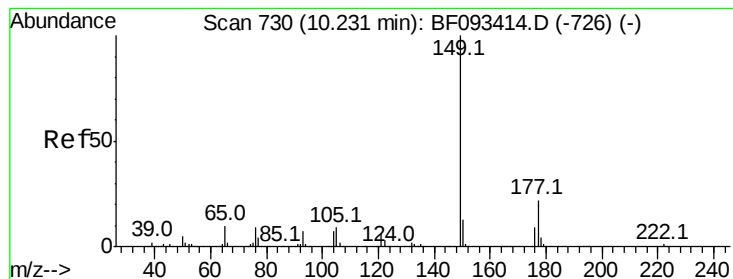
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.86 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

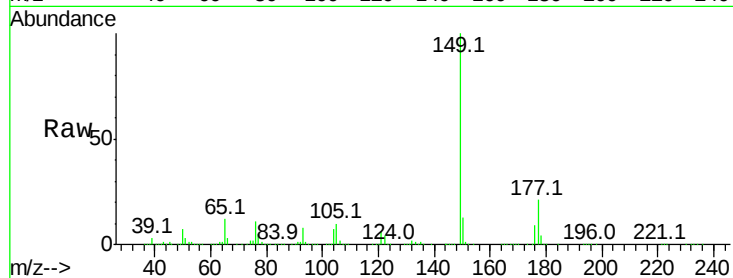
Tot Ion:149 Resp: 1362254

Ion Ratio Lower Upper

149 100

177 21.2 16.6 25.0

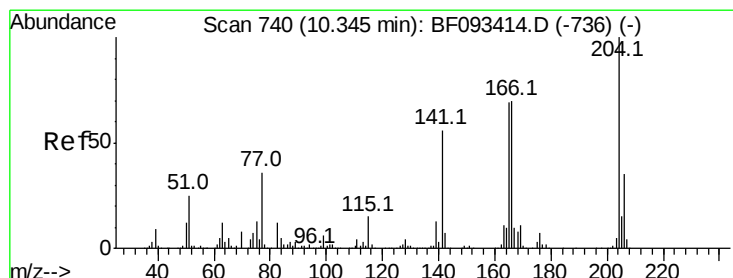
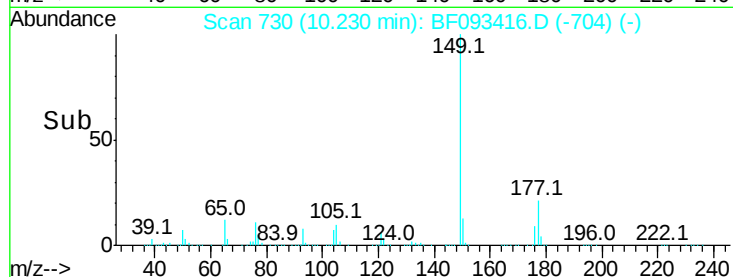
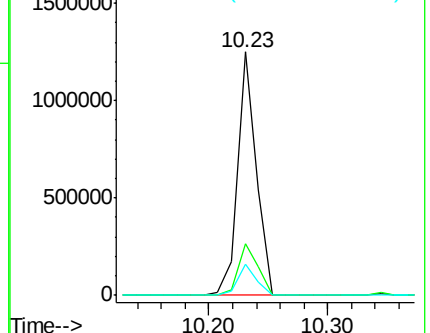
150 12.9 10.4 15.6



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: 44.92 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

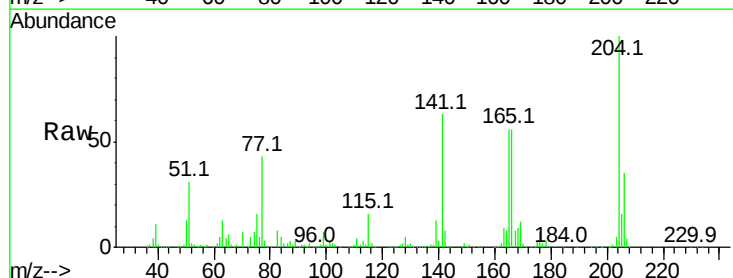
Tgt Ion:204 Resp: 595058

Ion Ratio Lower Upper

204 100

206 35.0 25.8 38.6

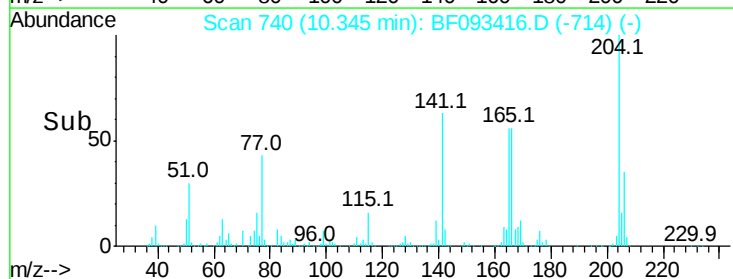
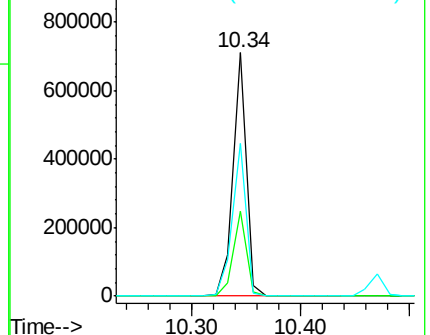
141 62.7 59.4 89.0

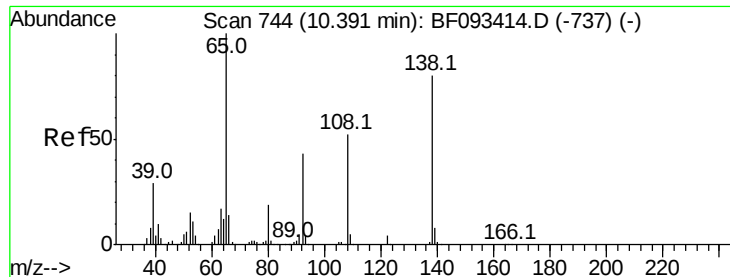


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

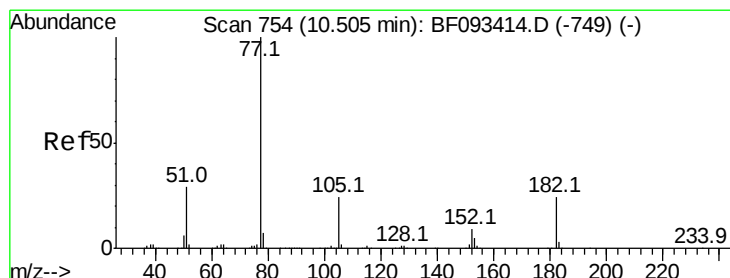
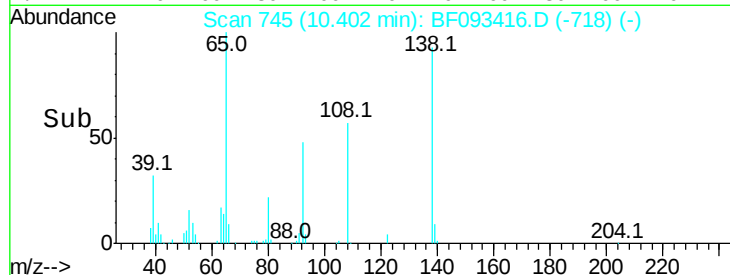
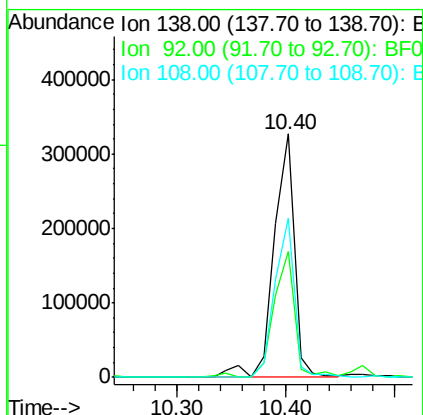
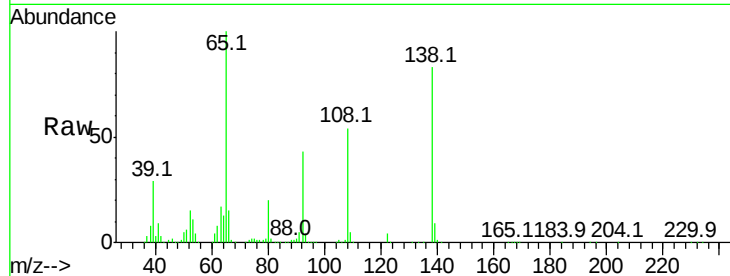




#61
4-Nitroaniline
Concen: 54.92 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

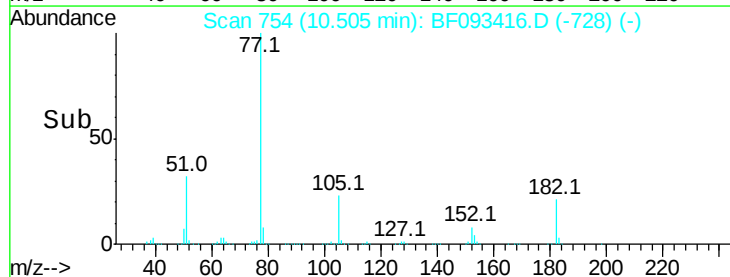
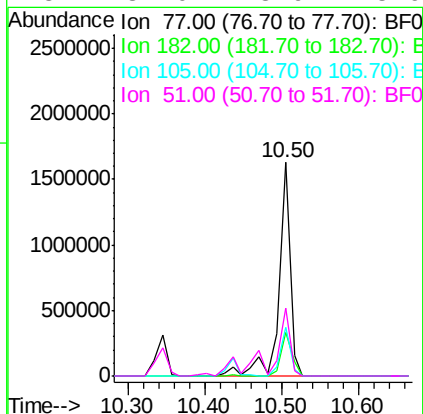
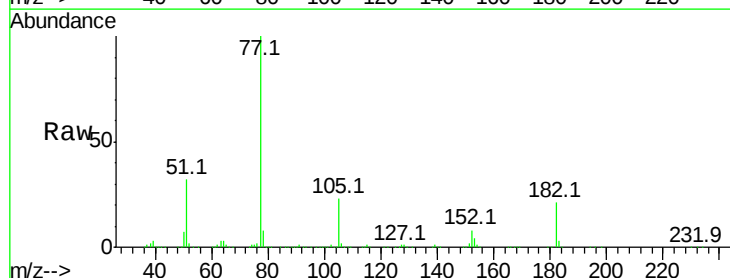
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

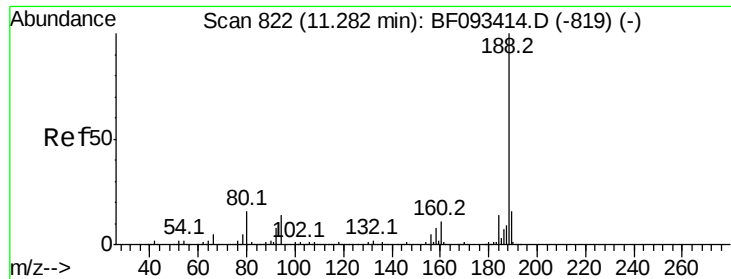
Tot Ion:138 Resp: 428848
Ion Ratio Lower Upper
138 100
92 51.5 31.7 71.7
108 65.6 52.6 92.6



#62
Azobenzene
Concen: 55.86 ng
RT: 10.50 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Tgt Ion: 77 Resp: 1677810
Ion Ratio Lower Upper
77 100
182 20.7 0.0 39.3
105 22.8 2.3 42.3
51 32.0 8.9 48.9

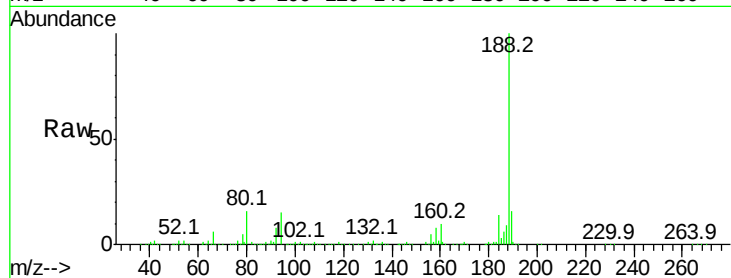




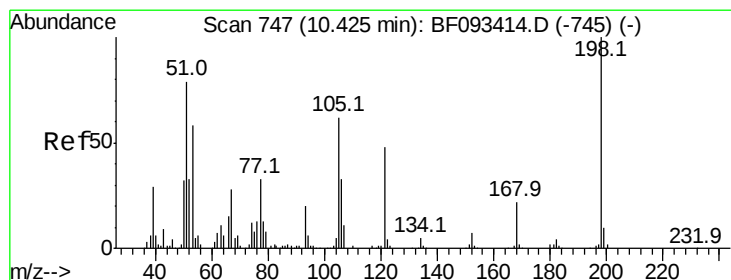
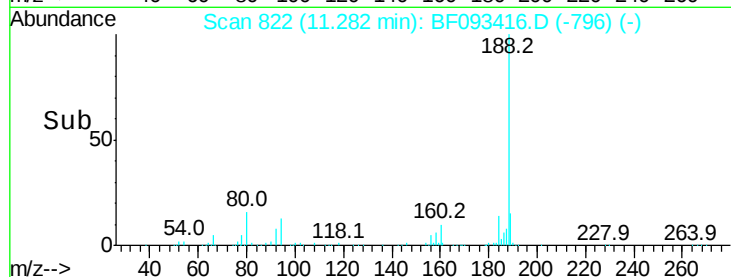
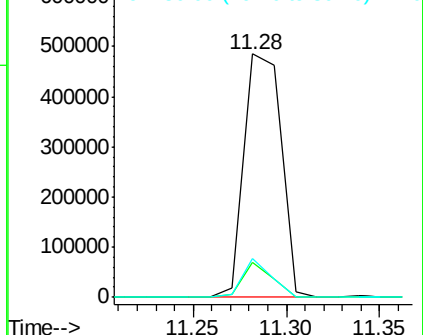
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:188 Resp: 670925
Ion Ratio Lower Upper
188 100
94 14.6 10.0 15.0
80 16.2 11.2 16.8

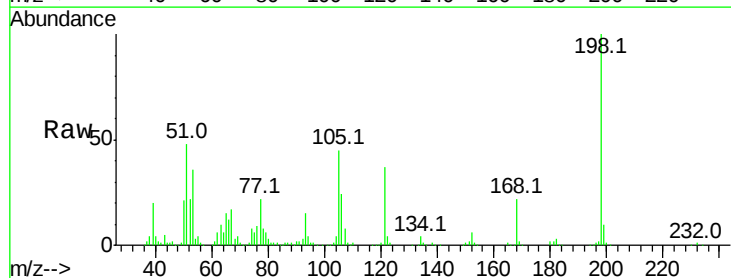


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

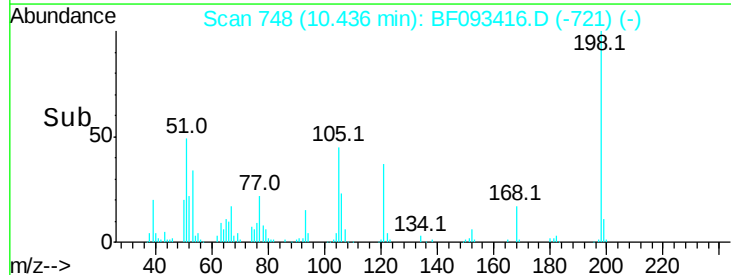
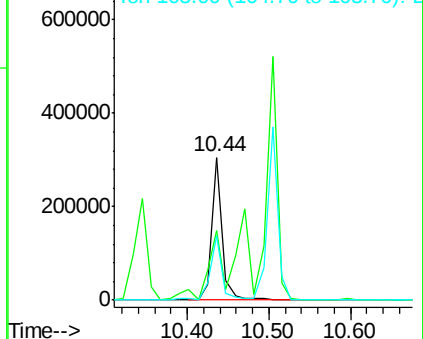


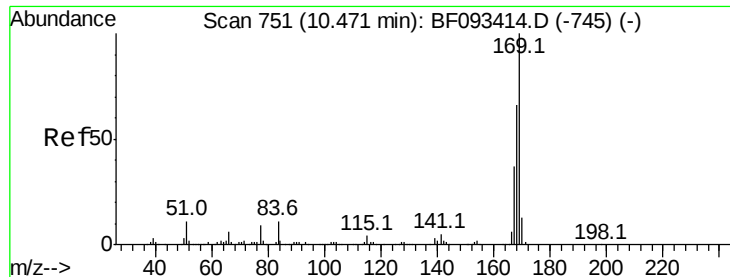
#64
4,6-Dinitro-2-methylphenol
Concen: 81.86 ng
RT: 10.44 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Tgt Ion:198 Resp: 284162
Ion Ratio Lower Upper
198 100
51 48.4 6.7 46.7#
105 44.8 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: 55.42 ng

RT: 10.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

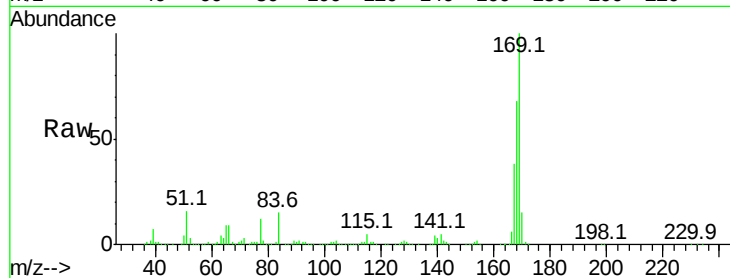
Tot Ion:169 Resp: 1187731

Ion Ratio Lower Upper

169 100

168 68.3 54.2 81.2

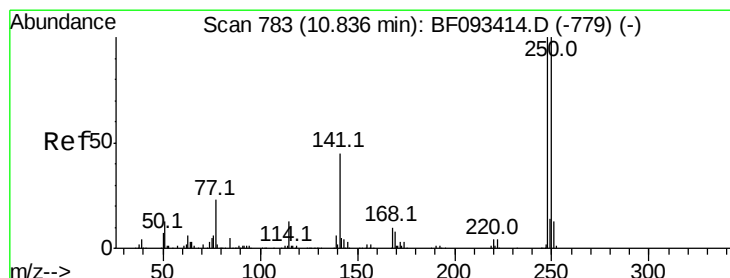
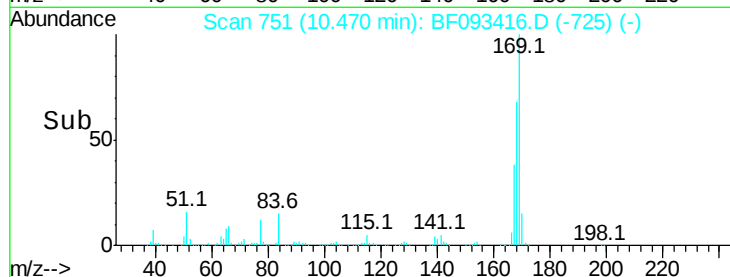
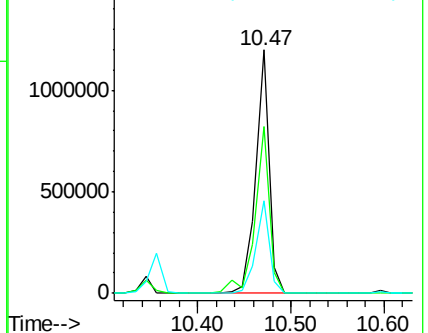
167 38.1 30.2 45.4



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: 59.89 ng

RT: 10.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

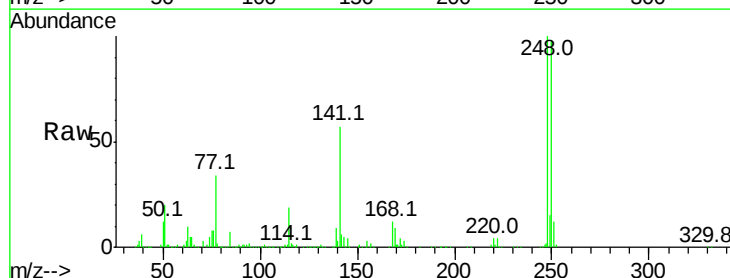
Tgt Ion:248 Resp: 419827

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

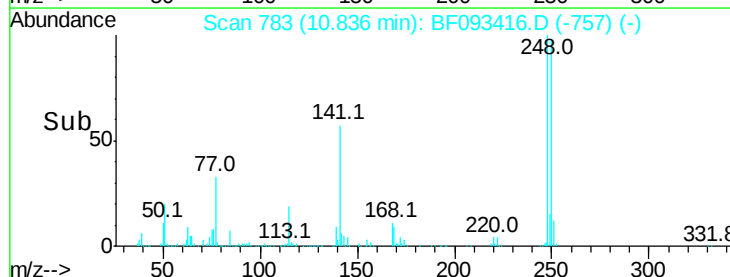
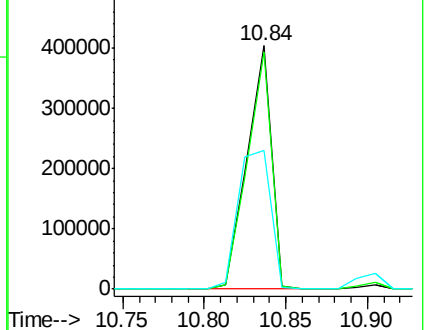
141 56.7 68.2 102.4#

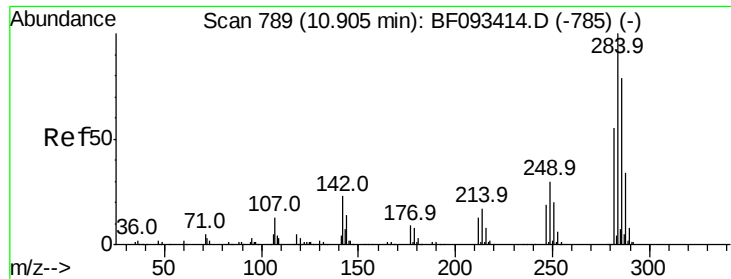


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 56.19 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

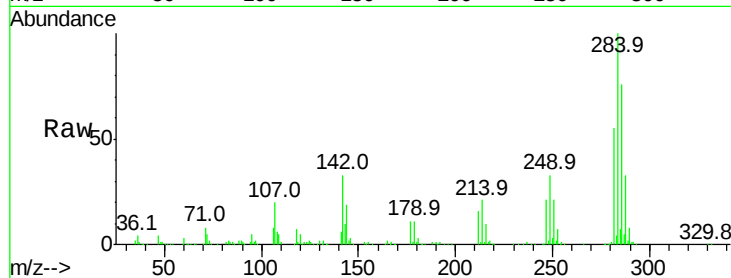
Tot Ion:284 Resp: 389226

Ion Ratio Lower Upper

284 100

142 33.1 22.6 33.8

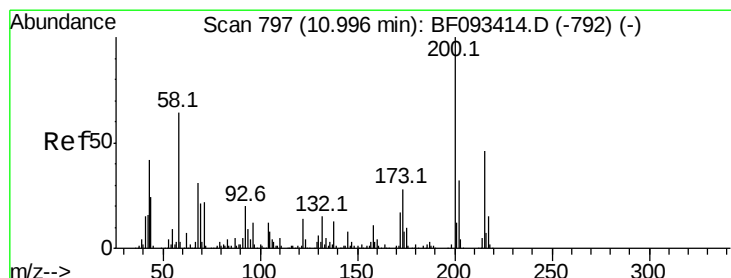
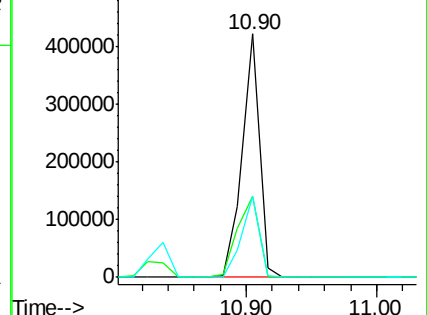
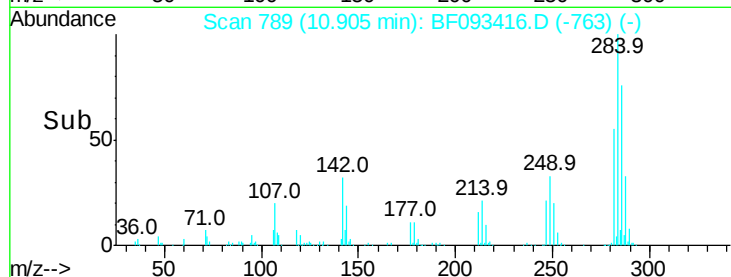
249 33.1 25.4 38.0



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: 53.70 ng

RT: 11.00 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

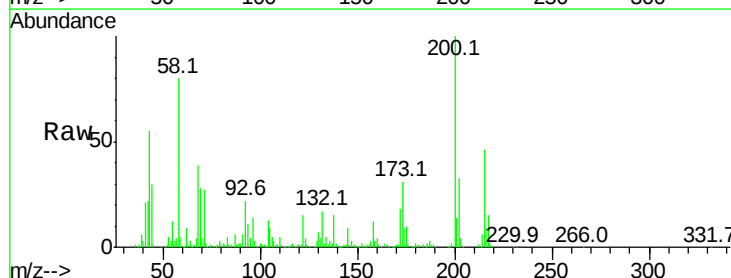
Tgt Ion:200 Resp: 369341

Ion Ratio Lower Upper

200 100

173 31.0 9.6 49.6

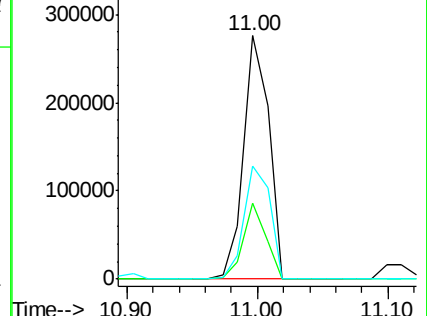
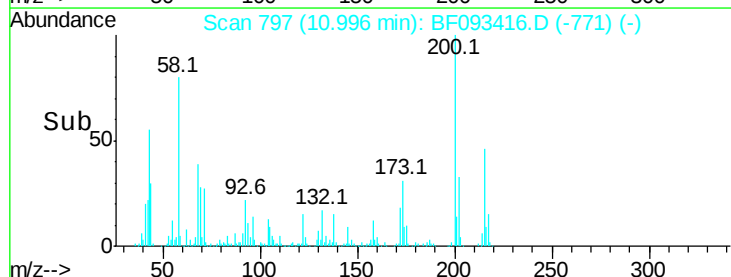
215 46.3 25.7 65.7

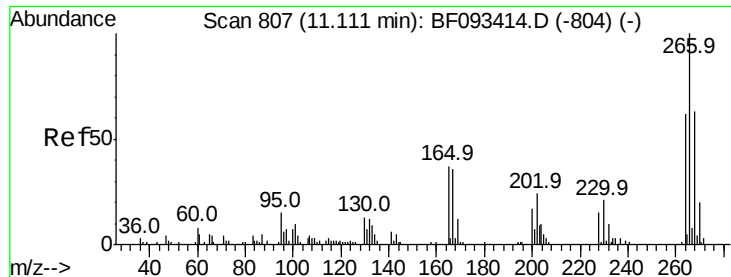


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

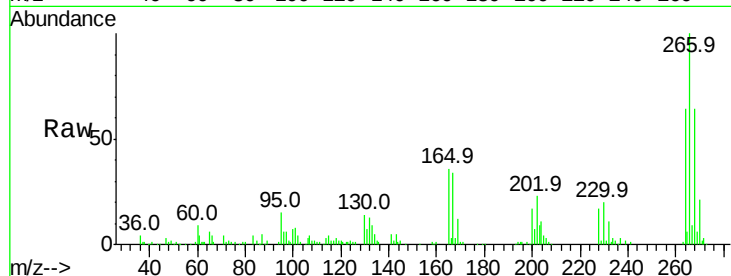




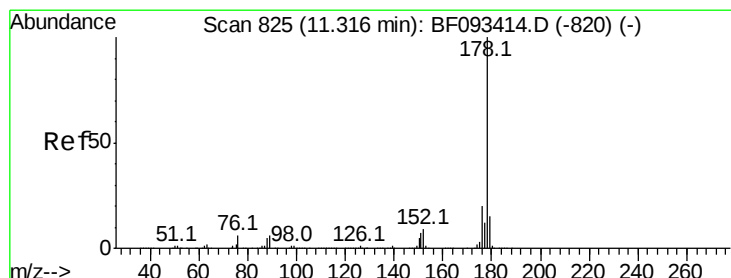
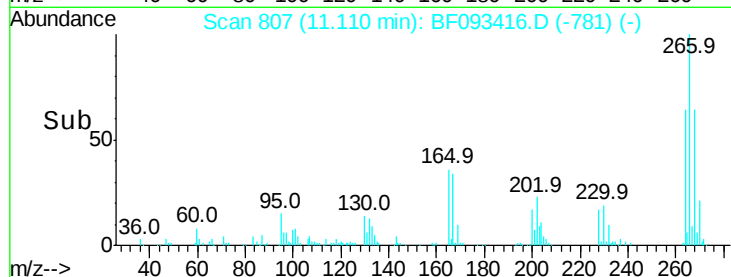
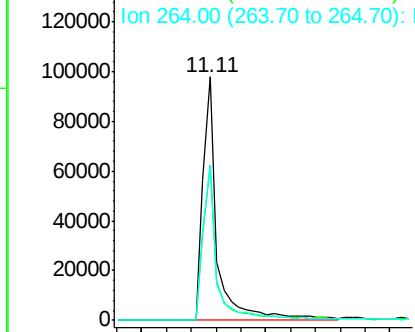
#69
 Pentachlorophenol
 Concen: 53.22 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:266 Resp: 159231
 Ion Ratio Lower Upper
 266 100
 268 64.0 53.3 79.9
 264 63.7 50.3 75.5

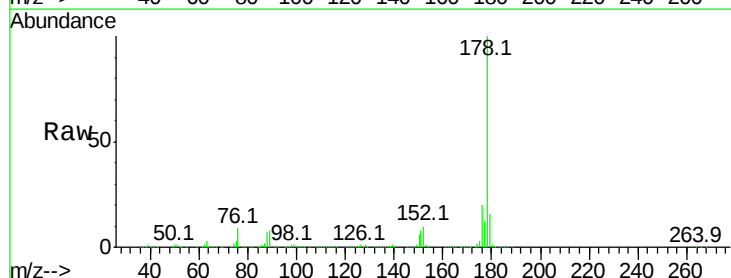


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

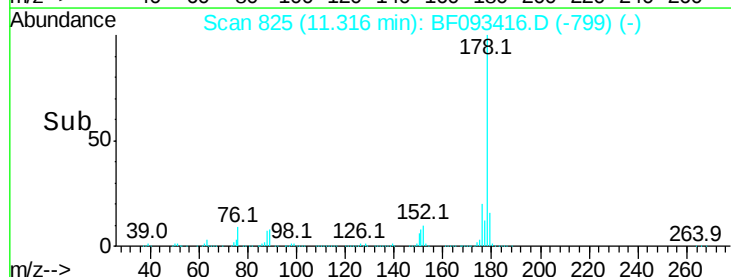
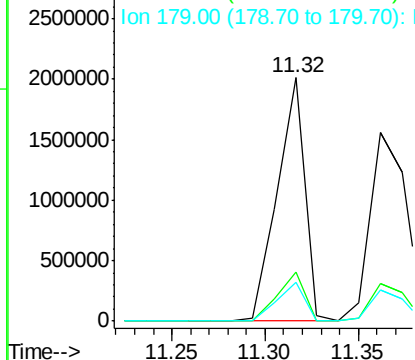


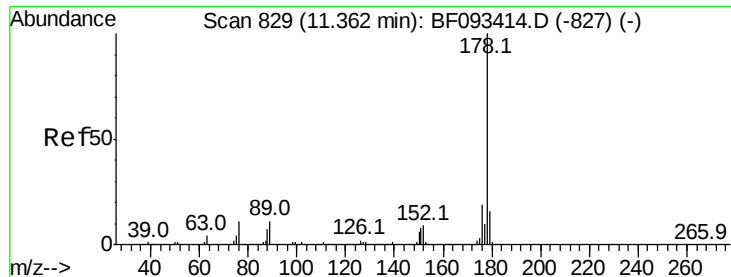
#70
 Phenanthrene
 Concen: 53.79 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Tgt Ion:178 Resp: 2067490
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 25.0
 179 15.8 12.8 19.2



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

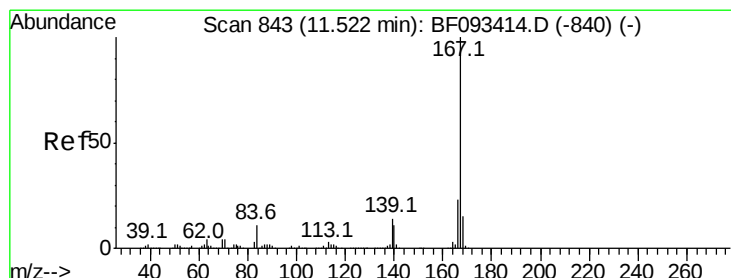
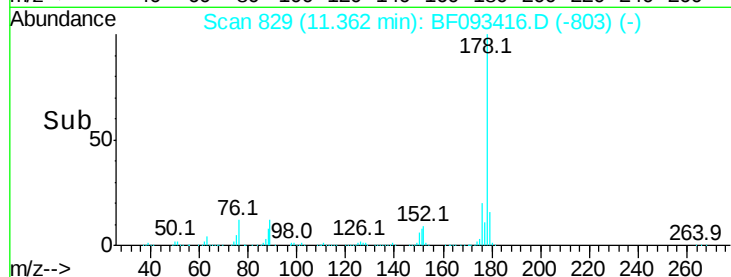
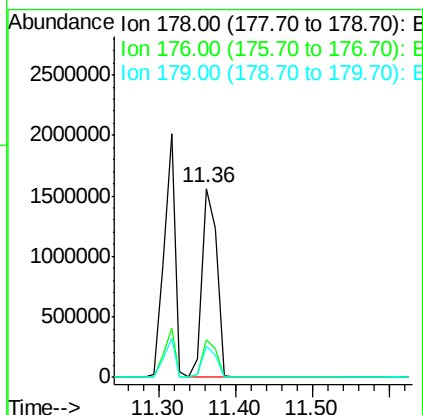
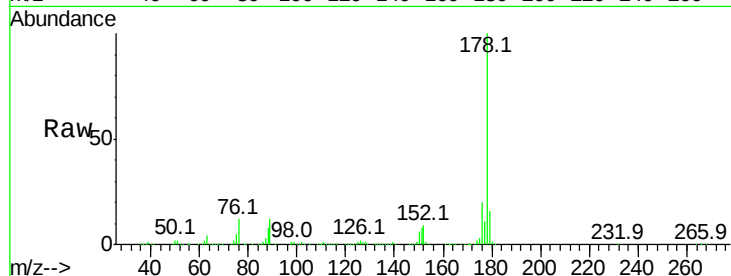




#71
 Anthracene
 Concen: 52.85 ng
 RT: 11.36 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

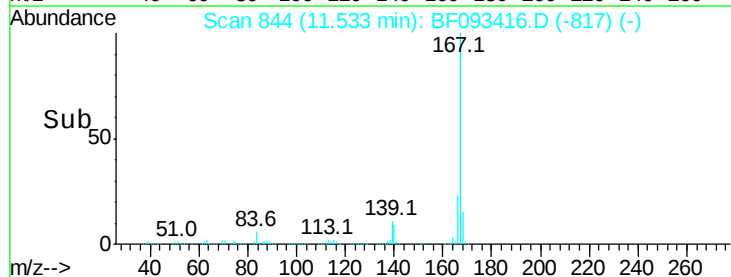
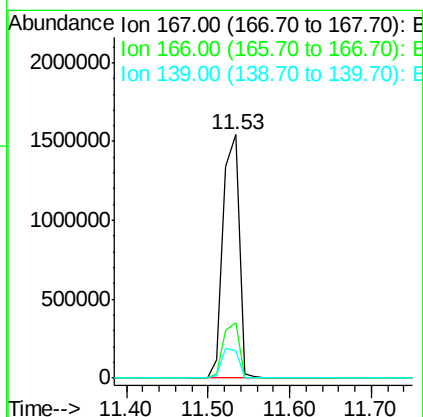
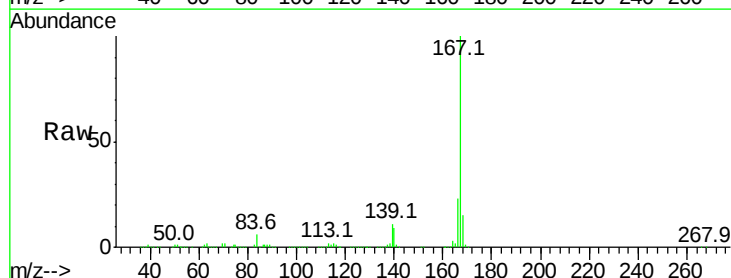
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

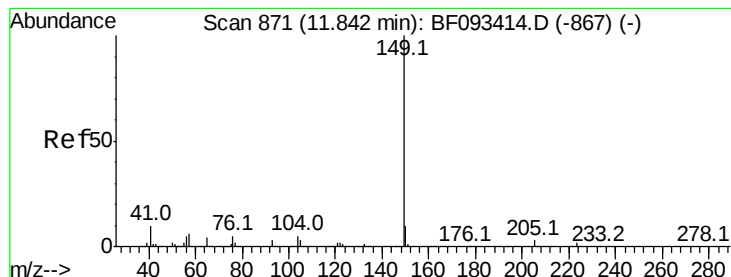
Tot Ion:178 Resp: 2040029
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.3 13.2 19.8



#72
 Carbazole
 Concen: 56.82 ng
 RT: 11.53 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Tgt Ion:167 Resp: 2096762
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 11.4 11.4 17.2#





#73

Di-n-butylphthalate

Concen: 57.25 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

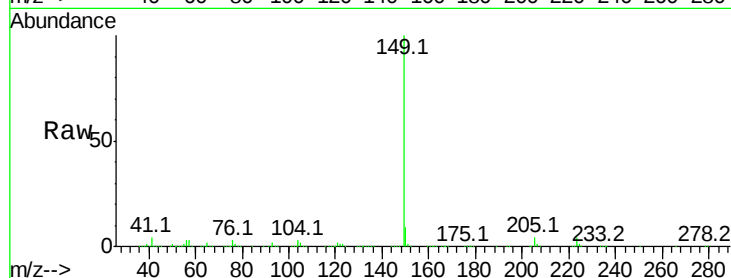
Tot Ion:149 Resp: 2284568

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

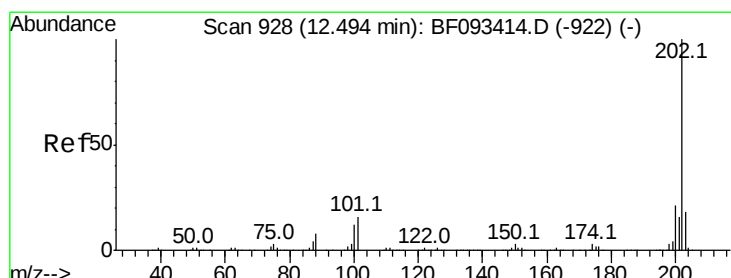
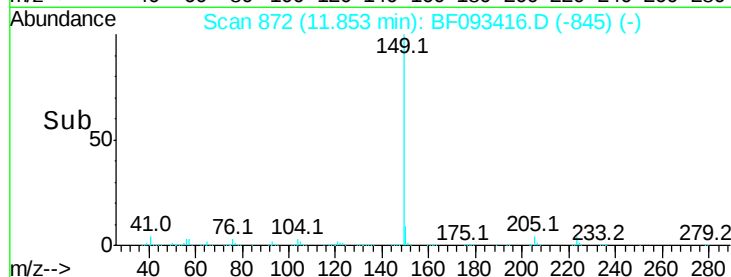
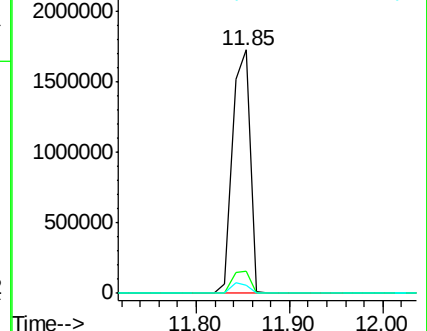
104 3.5 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 54.09 ng

RT: 12.50 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

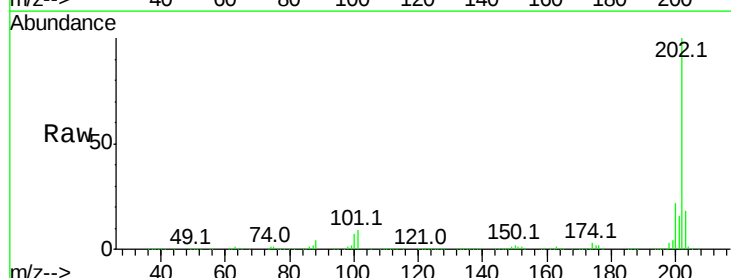
Tgt Ion:202 Resp: 2144576

Ion Ratio Lower Upper

202 100

101 9.3 0.0 34.6

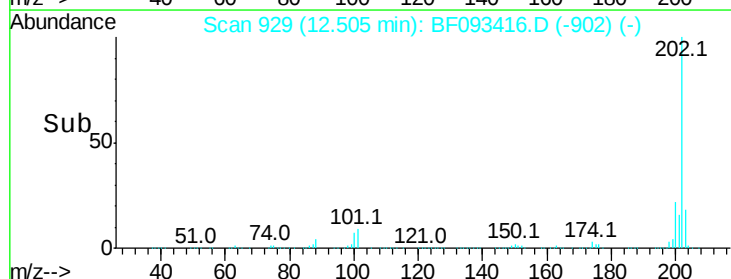
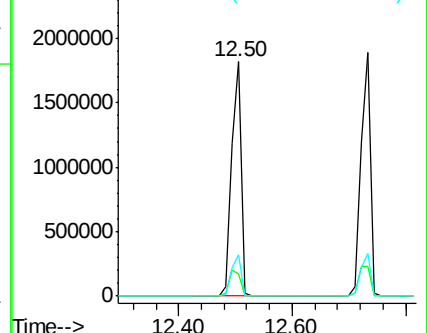
203 17.9 0.0 38.7

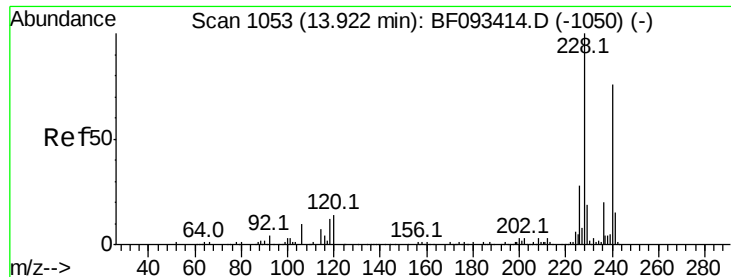


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

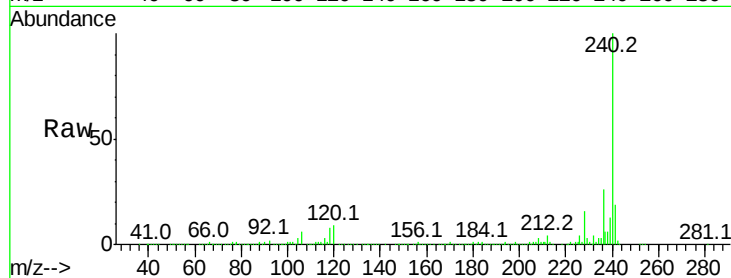
Tot Ion:240 Resp: 530345

Ion Ratio Lower Upper

240 100

120 9.1 12.9 19.3#

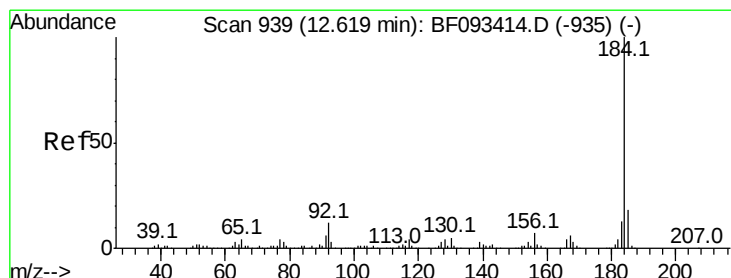
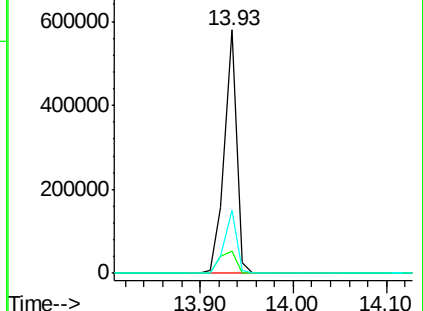
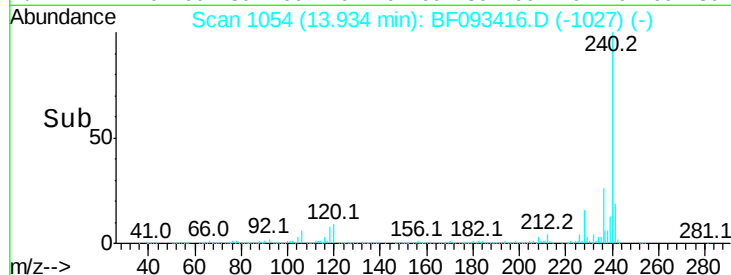
236 26.2 20.9 31.3



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: 35.42 ng

RT: 12.63 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

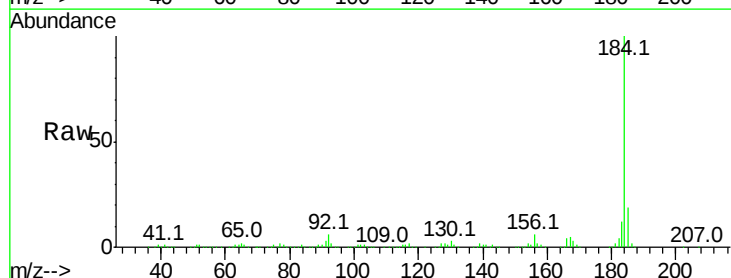
Tgt Ion:184 Resp: 800385

Ion Ratio Lower Upper

184 100

185 18.6 13.4 20.0

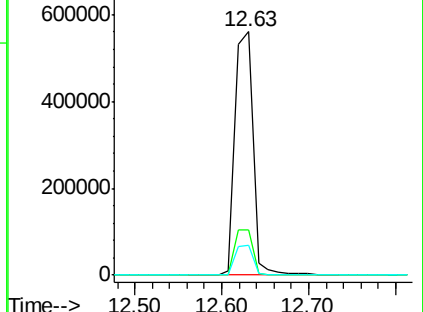
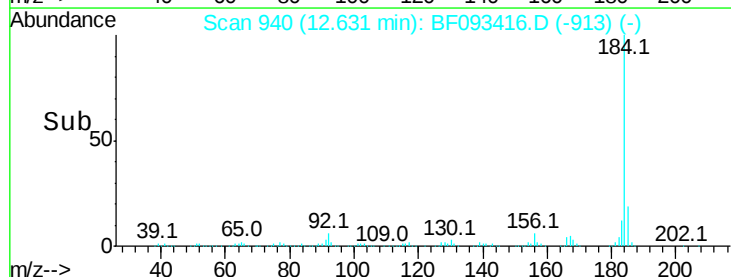
183 12.3 9.2 13.8

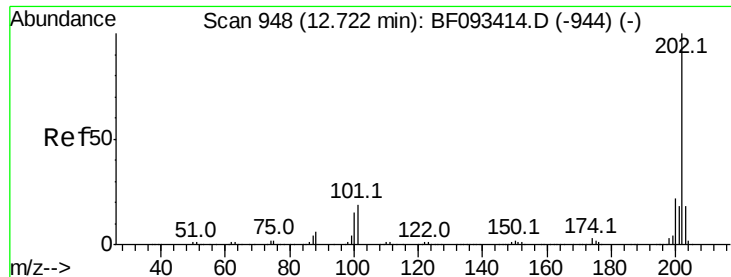


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

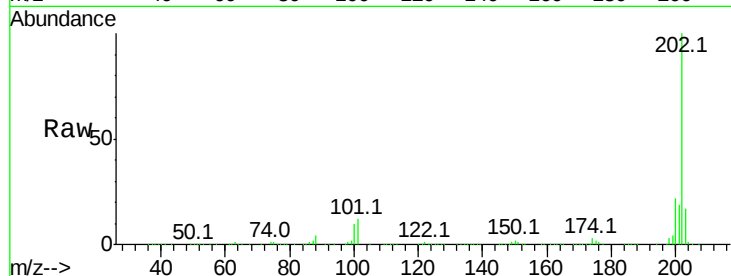




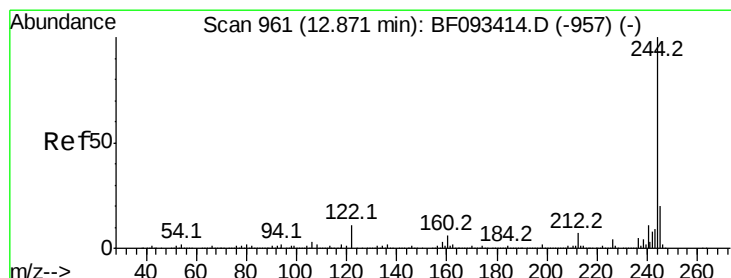
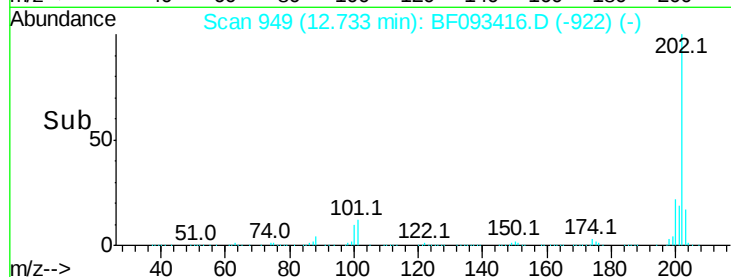
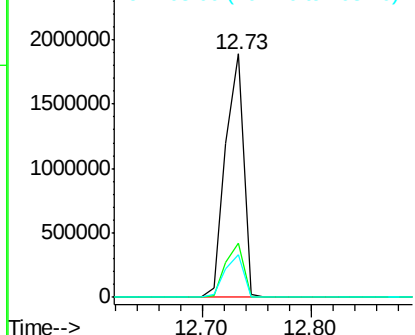
#77
Pvrene
Concen: 55.34 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:202 Resp: 2196206
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 17.5 14.7 22.1

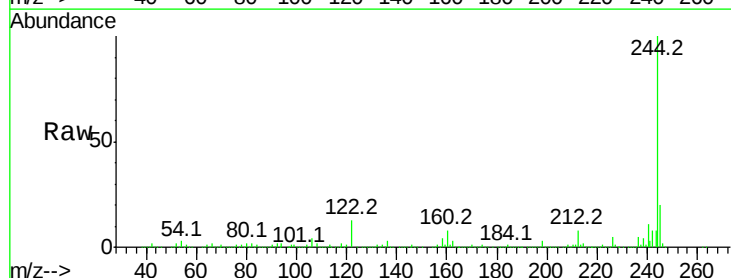


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

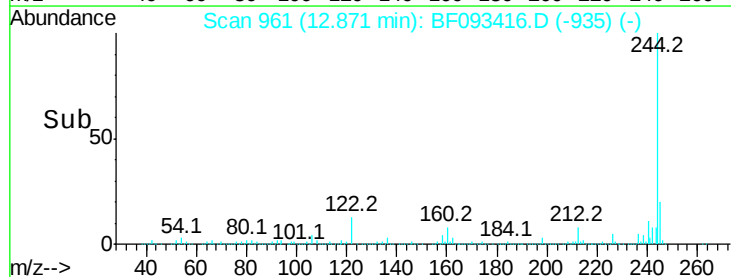
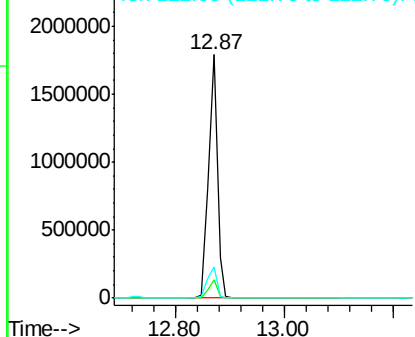


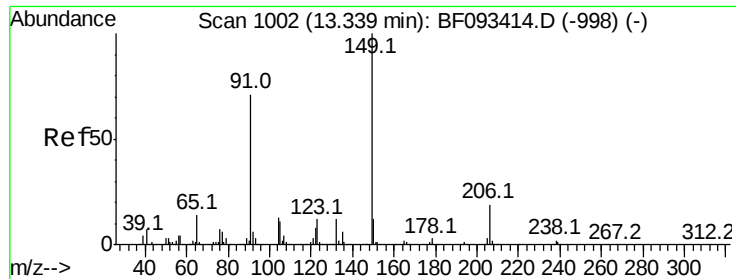
#78
Terphenyl-d14
Concen: 89.66 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Tgt Ion:244 Resp: 2023718
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 12.6 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

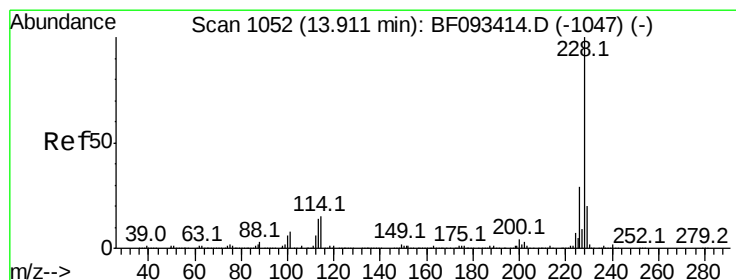
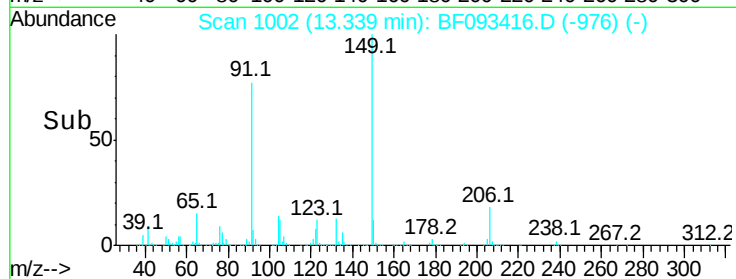
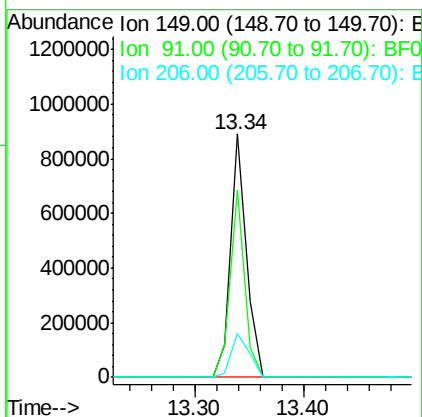
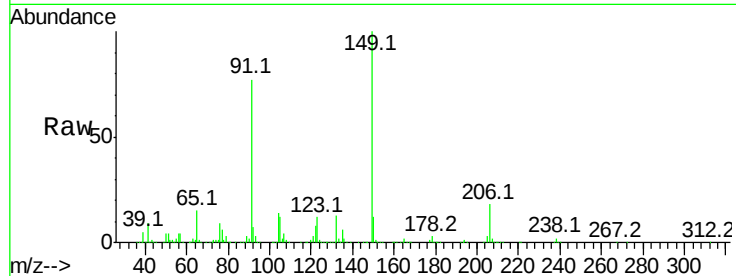




#79
Butylbenzylphthalate
Concen: 55.13 ng
RT: 13.34 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

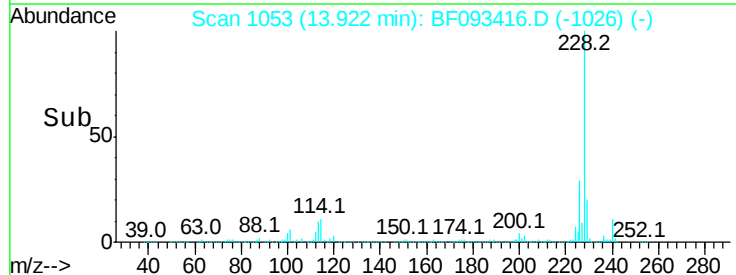
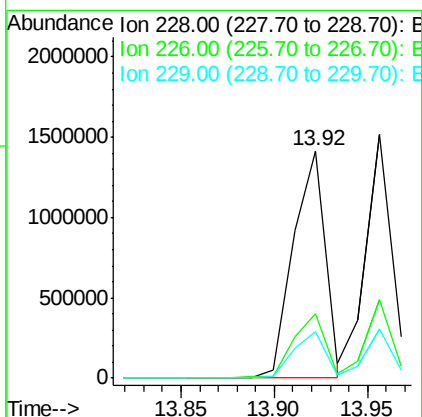
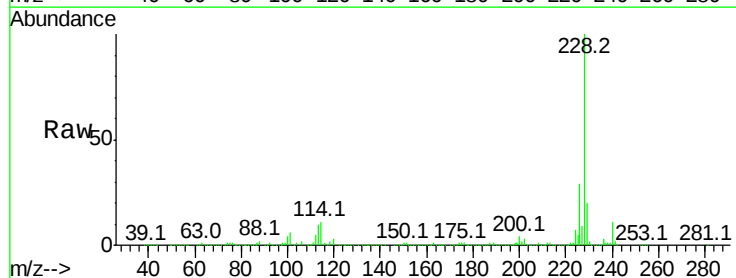
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

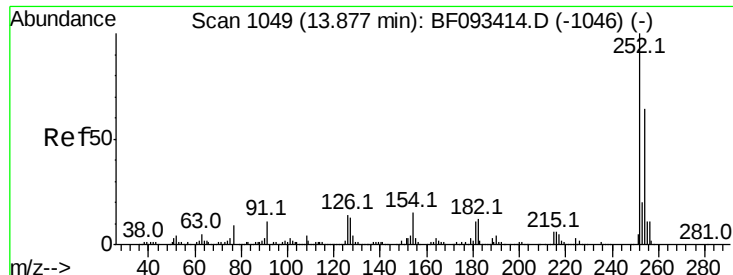
Tot Ion:149 Resp: 888467
Ion Ratio Lower Upper
149 100
91 76.8 63.9 95.9
206 17.9 14.6 21.8



#80
Benzo(a)anthracene
Concen: 52.47 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Tgt Ion:228 Resp: 1702066
Ion Ratio Lower Upper
228 100
226 28.5 22.4 33.6
229 20.2 16.2 24.4

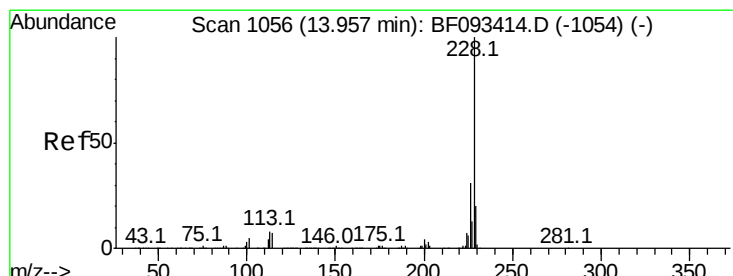
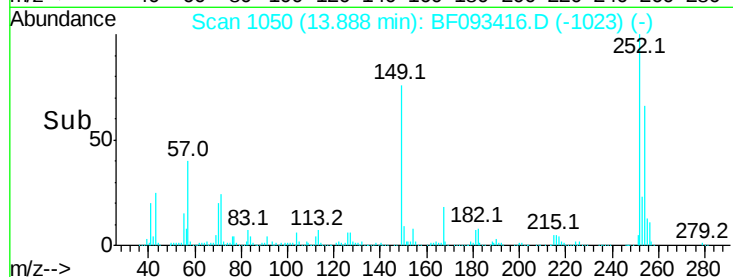
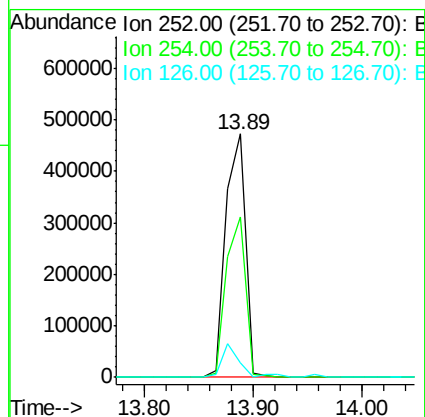
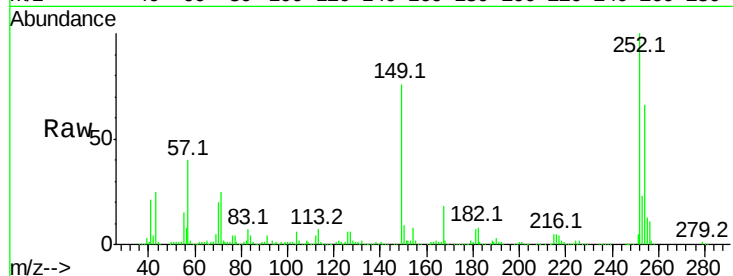




#81
 3,3'-Dichlorobenzidine
 Concen: 51.44 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

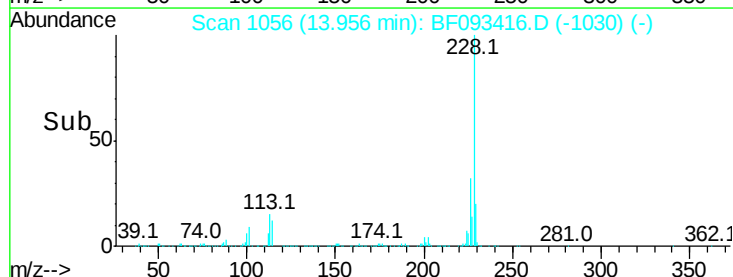
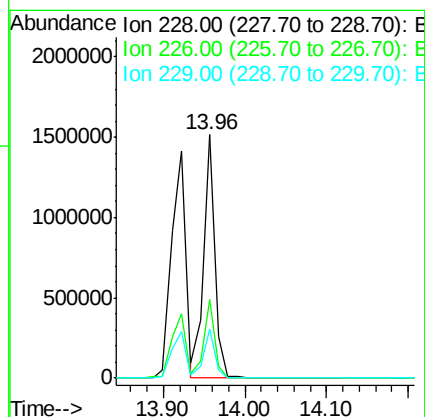
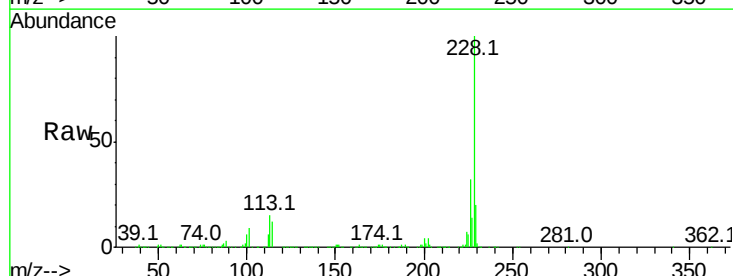
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

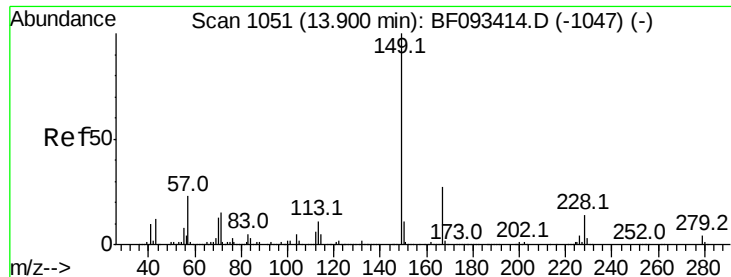
Tot Ion:252 Resp: 594794
 Ion Ratio Lower Upper
 252 100
 254 65.9 52.3 78.5
 126 5.8 13.6 20.4#



#82
 Chrysene
 Concen: 48.97 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Tgt Ion:228 Resp: 1487346
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.4 38.0
 229 20.3 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.71 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

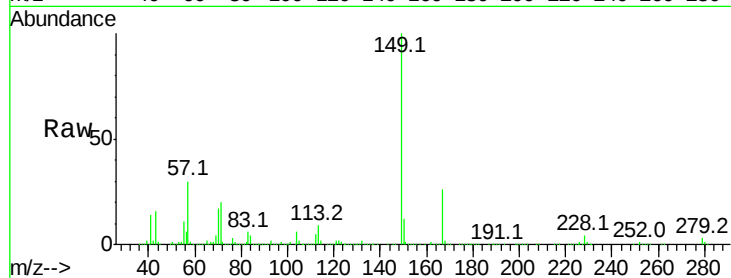
Tot Ion:149 Resp: 1249930

Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.4

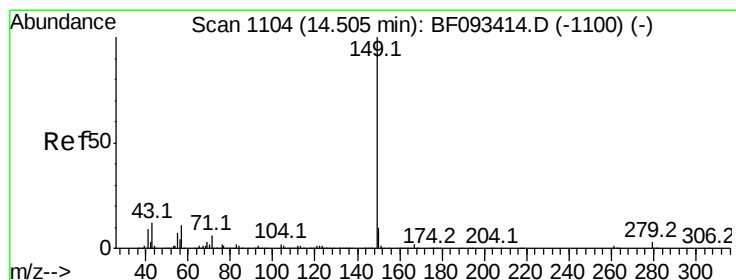
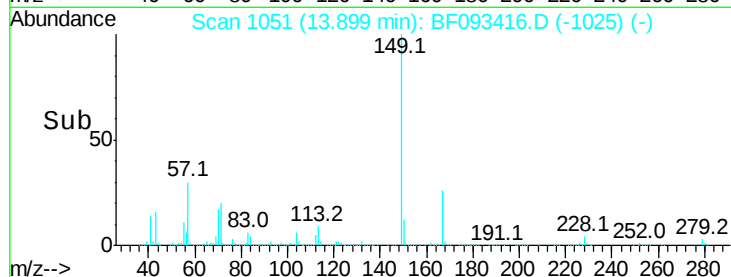
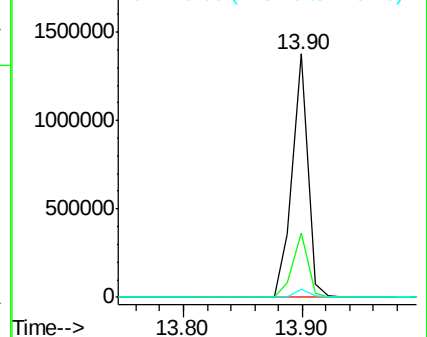
279 3.1 1.8 2.8#



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: 57.98 ng

RT: 14.51 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

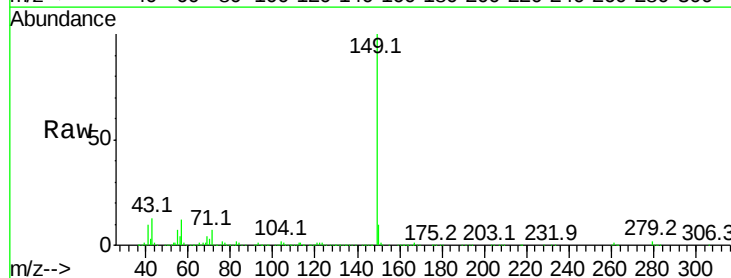
Tgt Ion:149 Resp: 2081014

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

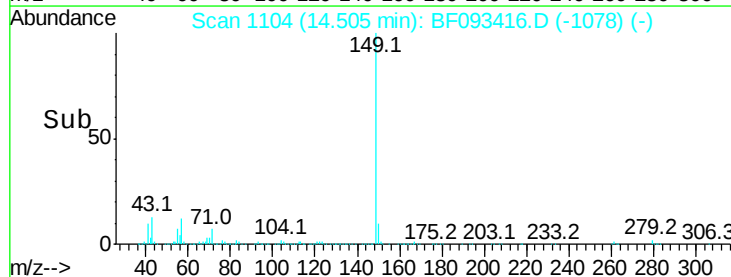
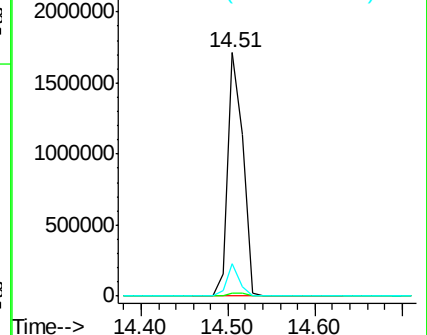
43 11.2 8.9 13.3

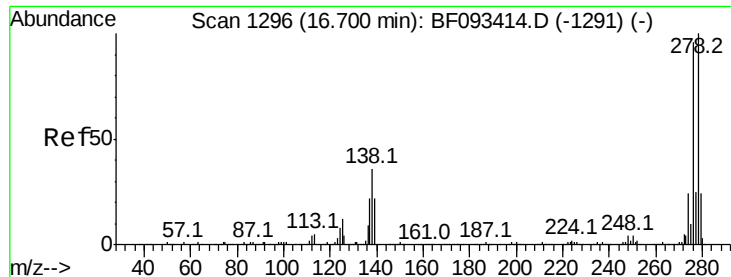


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



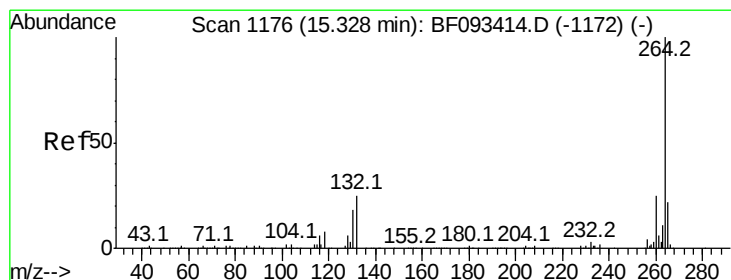
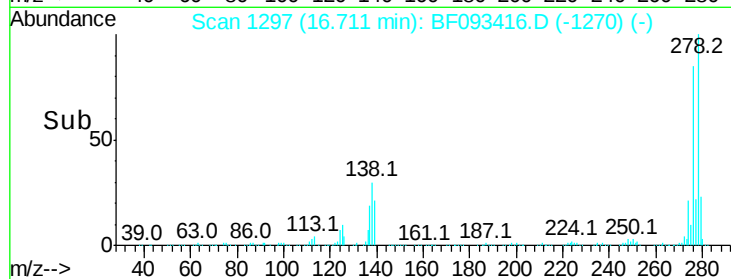
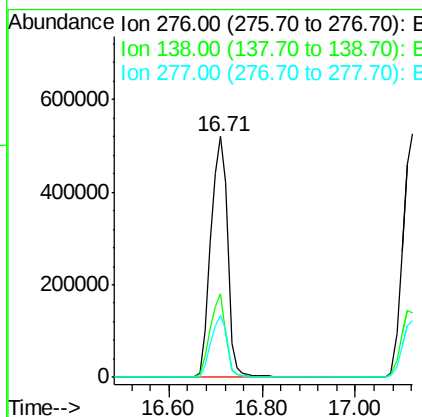
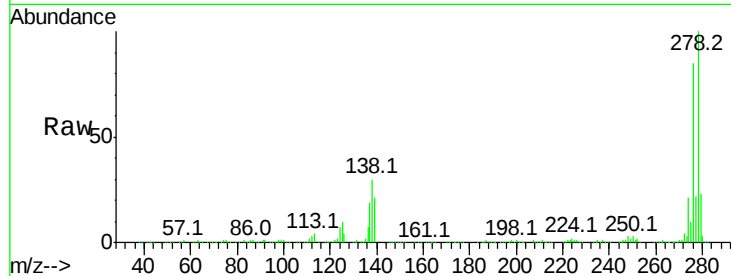


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.06 ng
 RT: 16.71 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:276 Resp: 1318675

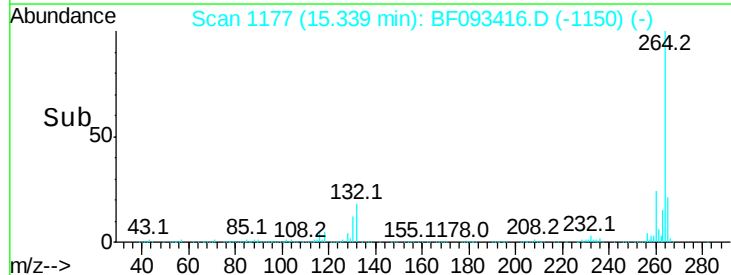
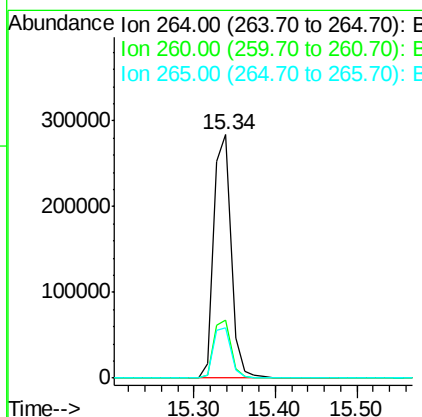
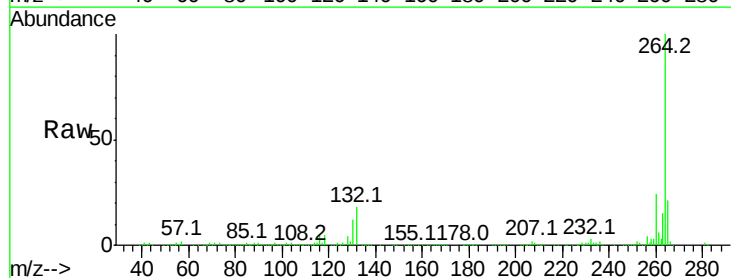
Ion	Ratio	Lower	Upper
276	100		
138	32.3	21.8	32.6
277	25.3	20.2	30.4

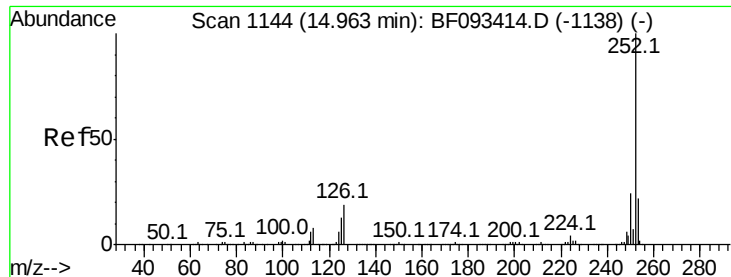


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF093416.D
 Acq: 7 Mar 2017 13:20

Tgt Ion:264 Resp: 423687

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 104.77 ng

RT: 14.97 min Scan# 1145

Delta R.T. 0.03 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

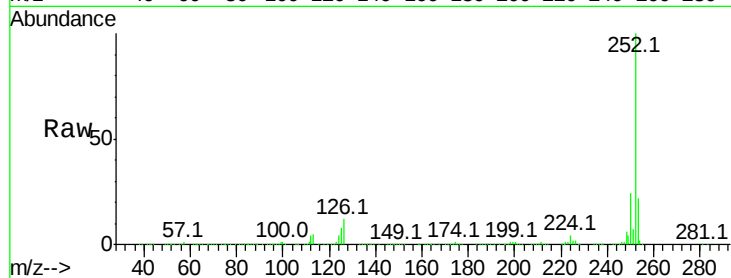
Tot Ion:252 Resp: 2921704

Ion Ratio Lower Upper

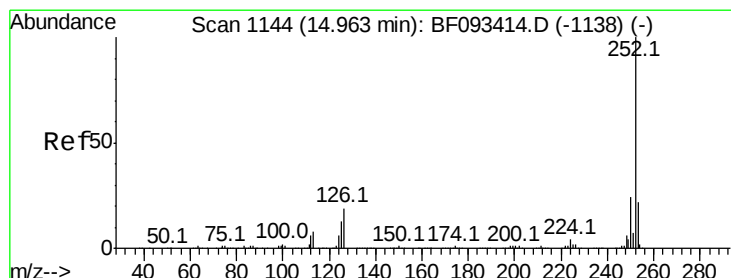
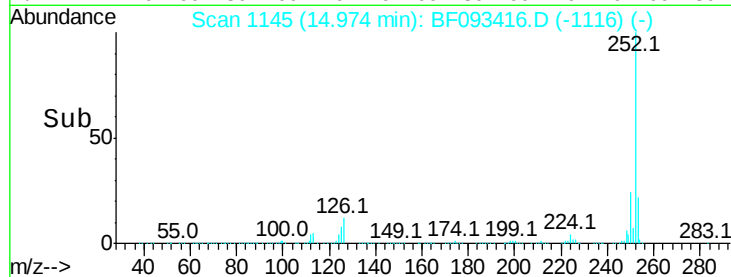
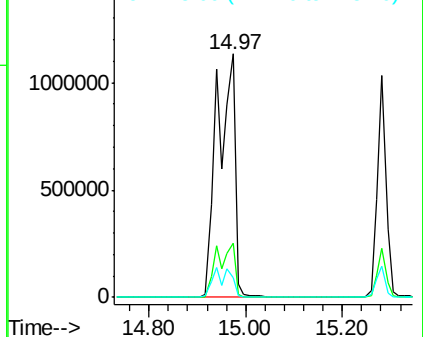
252 100

253 22.1 18.2 27.4

125 8.3 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 121.40 ng

RT: 14.97 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

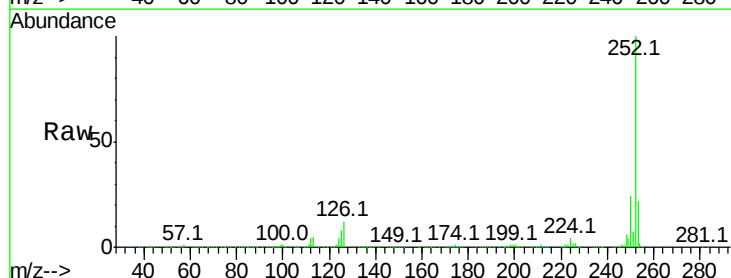
Tgt Ion:252 Resp: 2923100

Ion Ratio Lower Upper

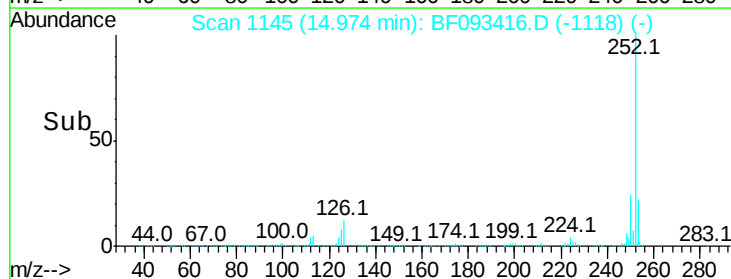
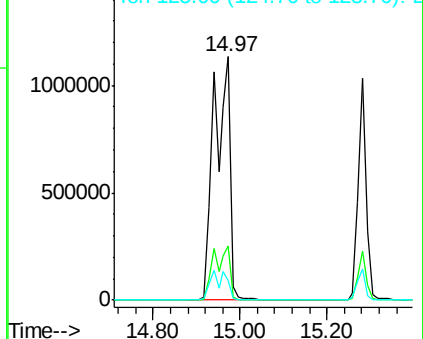
252 100

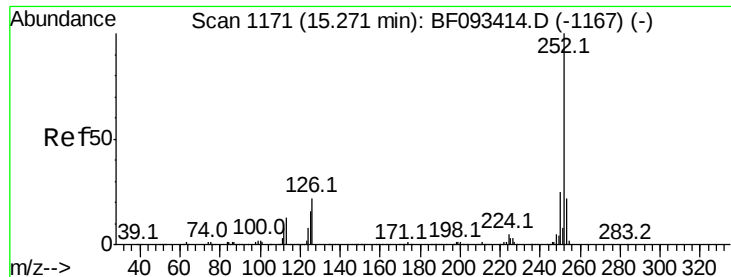
253 22.1 18.5 27.7

125 8.3 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

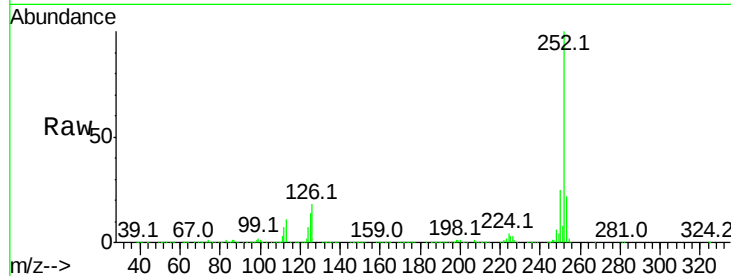




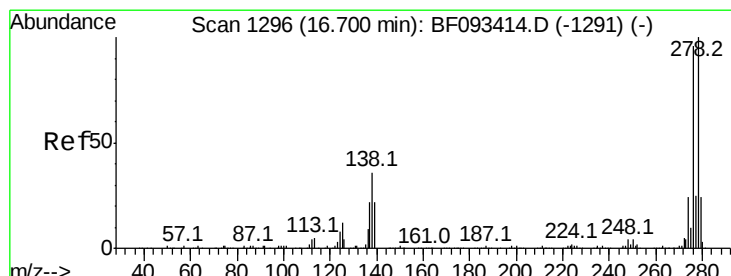
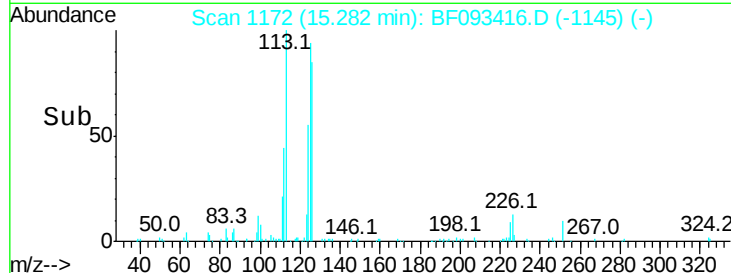
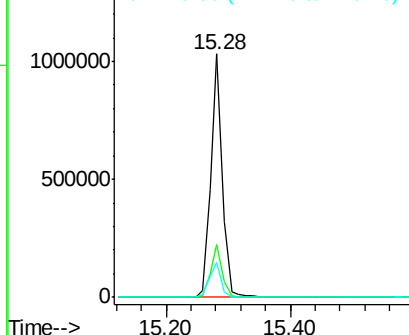
#89
Benzo(a)pyrene
Concen: 53.89 ng
RT: 15.28 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:252 Resp: 1299925
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 14.2 10.0 15.0

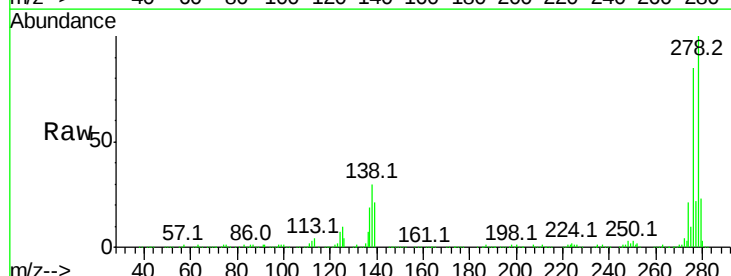


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

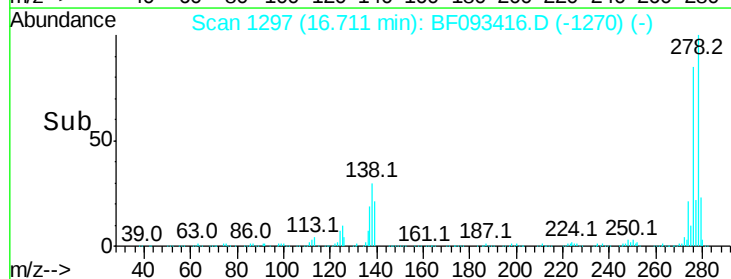
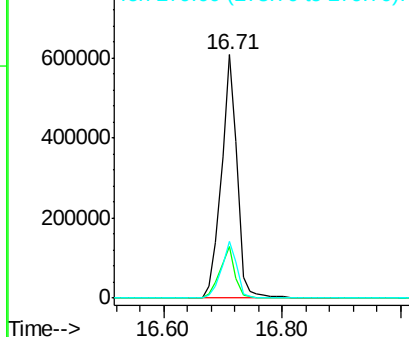


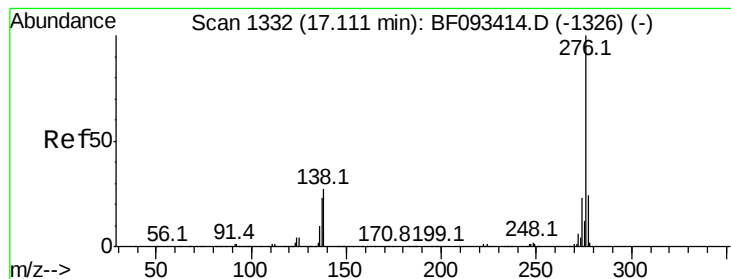
#90
Dibenzo(a,h)anthracene
Concen: 57.56 ng
RT: 16.71 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF093416.D
Acq: 7 Mar 2017 13:20

Tgt Ion:278 Resp: 1122205
Ion Ratio Lower Upper
278 100
139 21.3 14.8 22.2
279 23.3 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 59.75 ng

RT: 17.12 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

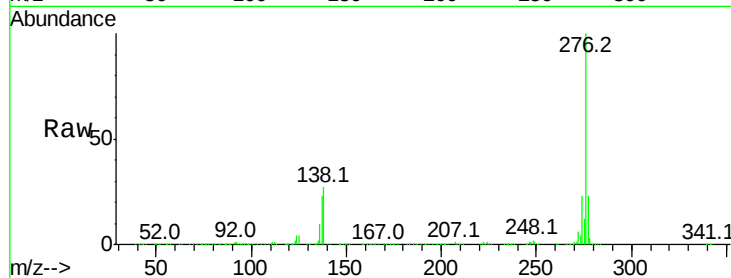
Tot Ion:276 Resp: 1176832

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 26.6 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

