

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093389.D
 Acq On : 4 Mar 2017 7:05
 Operator : SJ/MA
 Sample : I2087-01MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Quant Time: Mar 05 23:40:01 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	178029	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	706573	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	318713	20.00	ng	-0.07
63) Phenanthrene-d10	11.31	188	515476	20.00	ng	-0.07
75) Chrysene-d12	13.95	240	335114	20.00	ng	-0.07
86) Perylene-d12	15.36	264	309882	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1560441	150.38	ng	-0.06
7) Phenol-d6	6.44	99	1774307	132.89	ng	-0.05
23) Nitrobenzene-d5	7.37	82	1268488	99.97	ng	-0.06
41) 2,4,6-Tribromophenol	10.62	330	315322	136.79	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	1724743	98.04	ng	-0.07
78) Terphenyl-d14	12.89	244	1145089	80.29	ng	-0.08

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.37	88	247729	44.18	ng	# 85
3) Pyridine	3.07	79	615527	43.17	ng	89
4) n-Nitrosodimethylamine	3.04	42	375651	56.11	ng	84
6) Aniline	6.45	93	422982	23.22	ng	# 55
8) 2-Chlorophenol	6.58	128	566983	49.53	ng	91
9) Benzaldehyde	6.33	77	161066	16.84	ng	85
10) Phenol	6.45	94	777255	49.76	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	619354	49.67	ng	89
12) 1,3-Dichlorobenzene	6.73	146	643495	47.99	ng	98
13) 1,4-Dichlorobenzene	6.73	146	643495	47.42	ng	94
14) 1,2-Dichlorobenzene	6.96	146	592628	45.67	ng	97
15) Benzyl Alcohol	6.94	79	459279	46.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	963746	44.49	ng	72
17) 2-Methylphenol	7.06	107	465504	47.40	ng	94
18) Hexachloroethane	7.30	117	221321	47.77	ng	# 89
19) n-Nitroso-di-n-propylamine	7.22	70	429340	50.51	ng	# 93
20) 3+4-Methylphenols	7.22	107	628356	53.51	ng	# 80
22) Acetophenone	7.21	105	806413	49.99	ng	# 97
24) Nitrobenzene	7.38	77	622910	47.81	ng	99
25) Isophorone	7.62	82	1193829	50.49	ng	95
26) 2-Nitrophenol	7.70	139	334664	54.04	ng	93
27) 2,4-Dimethylphenol	7.74	122	513611	47.22	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	769723	49.16	ng	100
29) 2,4-Dichlorophenol	7.95	162	480481	47.37	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	504936	46.19	ng	95
31) Naphthalene	8.10	128	1634762	45.64	ng	99
32) Benzoic acid	7.89	122	201727	35.01	ng	97
33) 4-Chloroaniline	8.16	127	213859	15.22	ng	99
34) Hexachlorobutadiene	8.21	225	261141	43.42	ng	98
35) Caprolactam	8.53	113	159462	49.98	ng	# 28
36) 4-Chloro-3-methylphenol	8.66	107	537018	50.78	ng	94
37) 2-Methylnaphthalene	8.78	142	979580	42.59	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	472088	52.77	ng	100
40) Hexachlorocyclopentadiene	8.93	237	137580	34.08	ng	97

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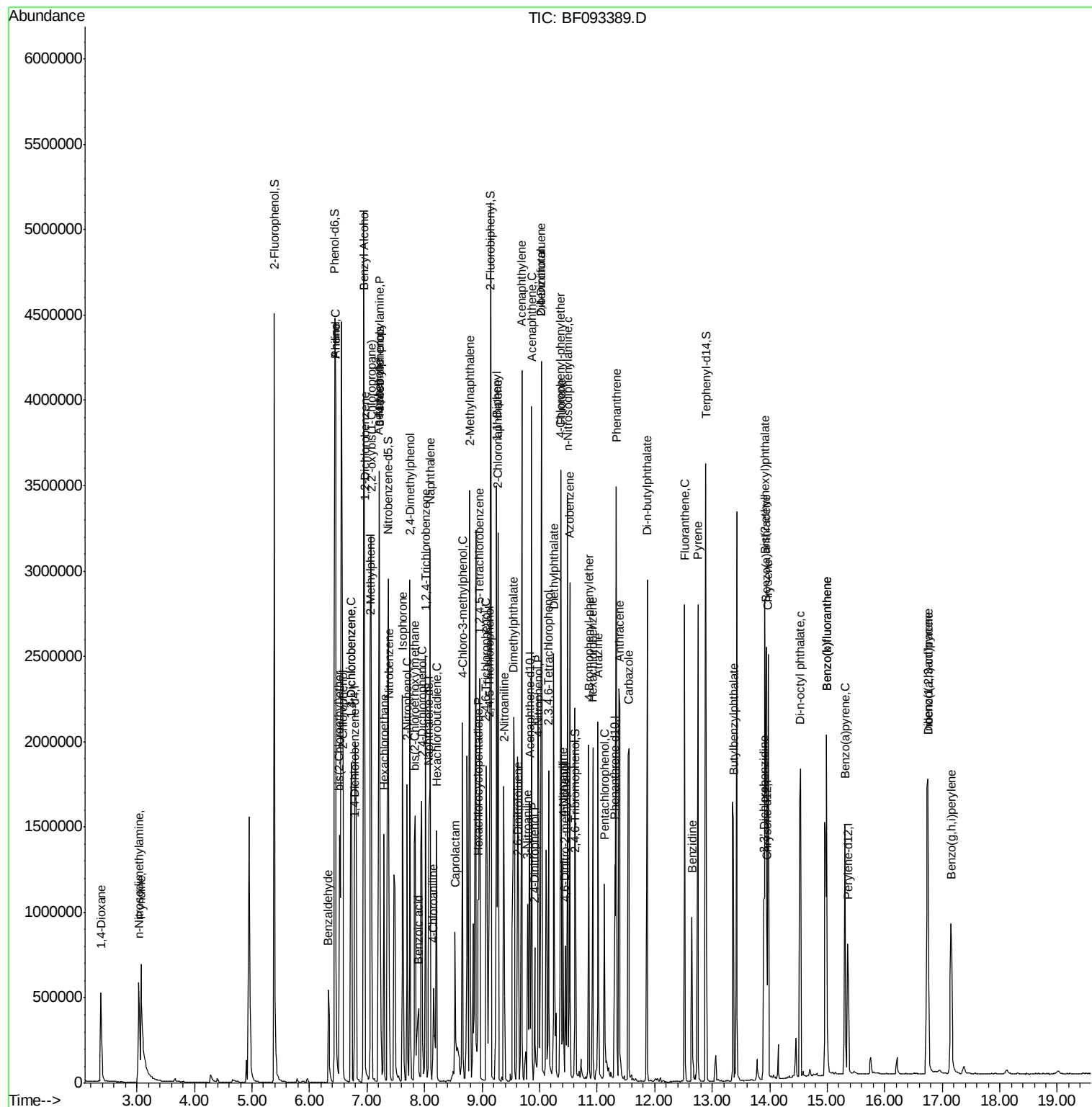
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	302643	51.48	ng	93
43) 2,4,5-Trichlorophenol	9.13	196	308658	47.92	ng #	85
45) 1,1'-Biphenyl	9.25	154	1272312	55.13	ng	99
46) 2-Chloronaphthalene	9.28	162	941219	52.13	ng	97
47) 2-Nitroaniline	9.38	65	325274	53.59	ng	92
48) Acenaphthylene	9.69	152	1370840	43.95	ng	99
49) Dimethylphthalate	9.55	163	1260085	58.70	ng	98
50) 2,6-Dinitrotoluene	9.63	165	254355	54.86	ng #	76
51) Acenaphthene	9.86	154	869249	46.62	ng	98
52) 3-Nitroaniline	9.79	138	154800	29.18	ng	93
53) 2,4-Dinitrophenol	9.92	184	124992	54.60	ng #	78
54) Dibenzofuran	10.03	168	1178020	47.23	ng	97
55) 4-Nitrophenol	9.98	139	299289	78.32	ng #	77
56) 2,4-Dinitrotoluene	10.03	165	255255	41.36	ng #	65
57) Fluorene	10.37	166	931892	48.57	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	237961	55.38	ng	96
59) Diethylphthalate	10.25	149	995527	49.21	ng	99
60) 4-Chlorophenyl-phenylether	10.36	204	423388	45.93	ng	90
61) 4-Nitroaniline	10.41	138	218348	40.18	ng	94
62) Azobenzene	10.52	77	1217565	58.25	ng	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	120134	38.83	ng #	17
65) n-Nitrosodiphenylamine	10.49	169	856889	52.04	ng	99
66) 4-Bromophenyl-phenylether	10.85	248	263849	48.99	ng	92
67) Hexachlorobenzene	10.92	284	241838	45.44	ng #	89
68) Atrazine	11.01	200	243284	46.04	ng	99
69) Pentachlorophenol	11.13	266	207410	75.90	ng	97
70) Phenanthrene	11.33	178	1273790	43.13	ng	99
71) Anthracene	11.39	178	1381583	46.58	ng	98
72) Carbazole	11.55	167	1213151	42.79	ng	97
73) Di-n-butylphthalate	11.87	149	1621572	52.89	ng #	98
74) Fluoranthene	12.52	202	1203991	39.52	ng	96
76) Benzidine	12.65	184	423768	29.68	ng	97
77) Pyrene	12.75	202	1172541	46.75	ng	99
79) Butylbenzylphthalate	13.37	149	573266	56.29	ng #	77
80) Benzo(a)anthracene	13.94	228	900135	43.92	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	303220	41.50	ng #	95
82) Chrysene	13.97	228	724962	37.78	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	729114	52.35	ng	99
84) Di-n-octyl phthalate	14.53	149	1206969	53.22	ng	98
85) Indeno(1,2,3-cd)pyrene	16.75	276	829383	55.80	ng #	93
87) Benzo(b)fluoranthene	14.99	252	1700400	83.37	ng	98
88) Benzo(k)fluoranthene	14.99	252	1701193	96.60	ng	98
89) Benzo(a)pyrene	15.31	252	834917	47.32	ng	97
90) Dibenzo(a,h)anthracene	16.75	278	694428	48.70	ng	99
91) Benzo(g,h,i)perylene	17.15	276	707116	49.09	ng #	90

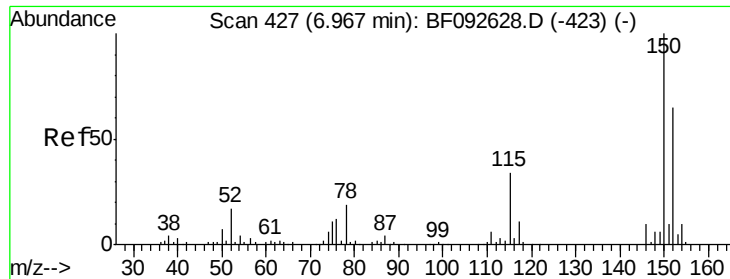
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

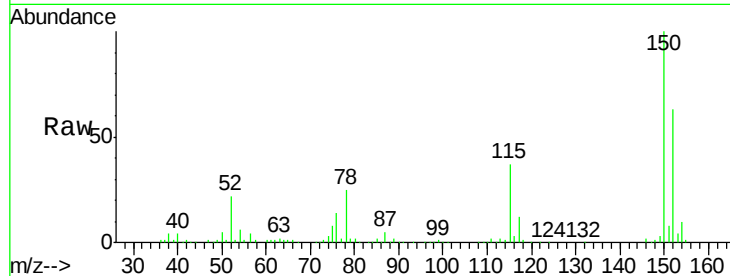
Tgt Ion:152 Resp: 178029

Ion Ratio Lower Upper

152 100

150 159.9 124.9 187.3

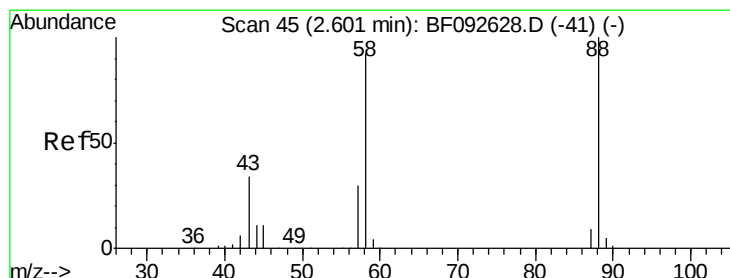
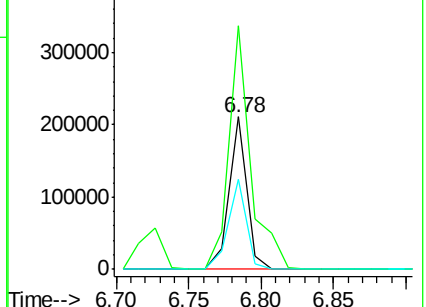
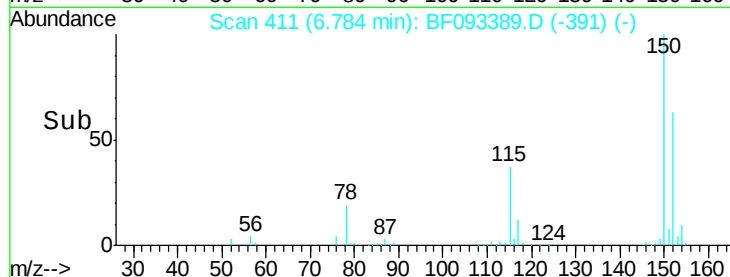
115 59.1 46.0 69.0



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: 44.18 ng

RT: 2.37 min Scan# 25

Delta R.T. -0.06 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

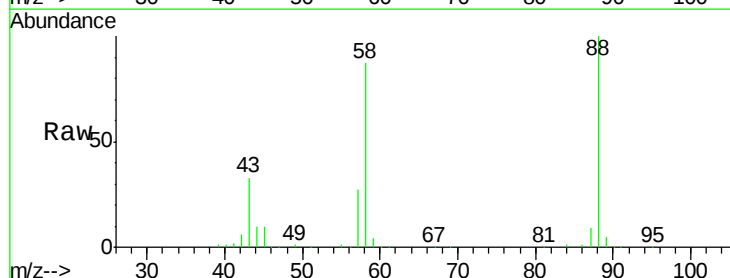
Tgt Ion: 88 Resp: 247729

Ion Ratio Lower Upper

88 100

58 87.3 57.8 86.8#

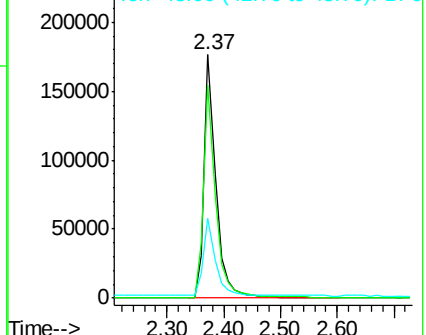
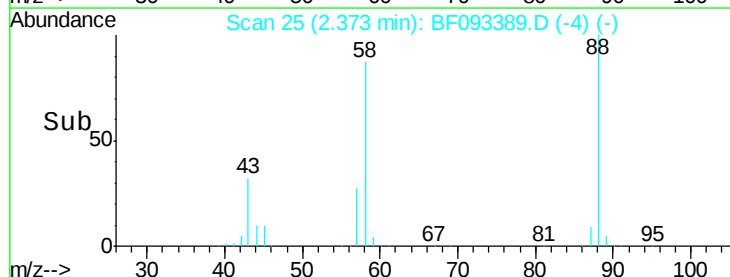
43 32.1 22.3 33.5

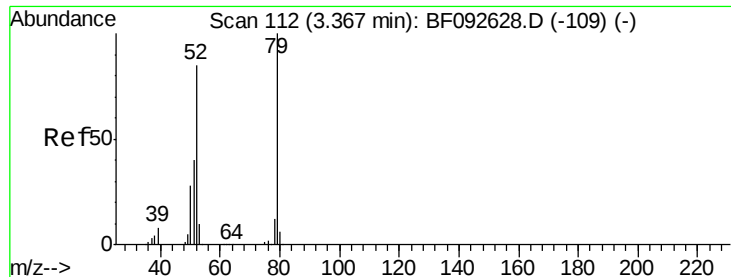


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

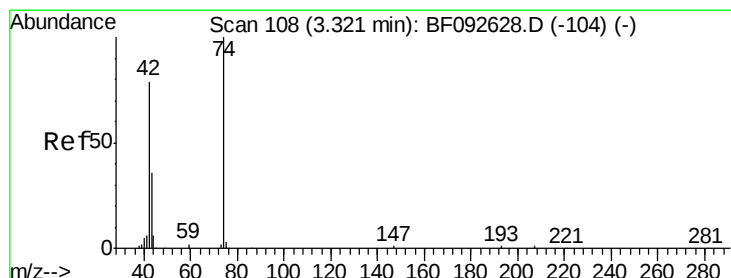
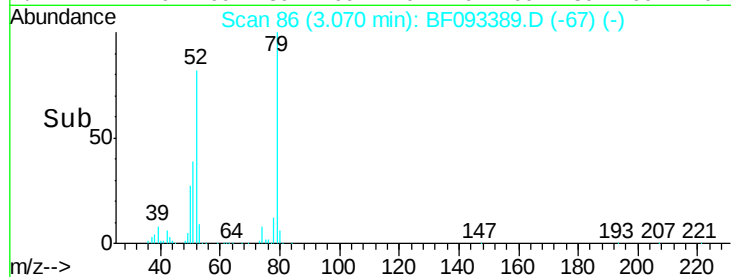
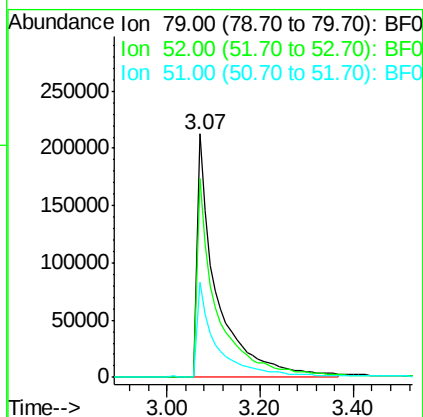
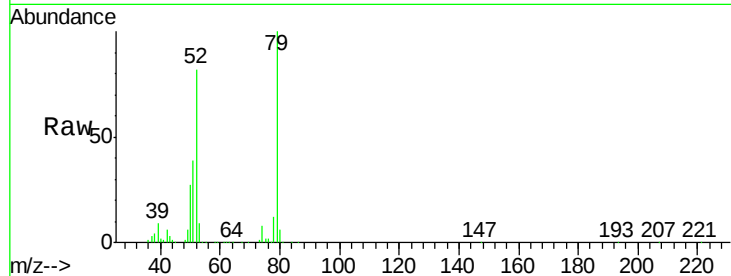




#3
 Pyridine
 Concen: 43.17 ng
 RT: 3.07 min Scan# 86
 Delta R.T. -0.08 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

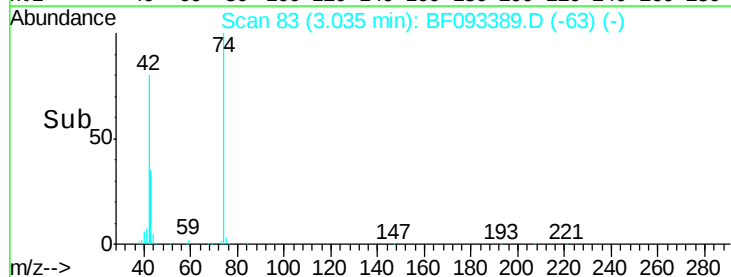
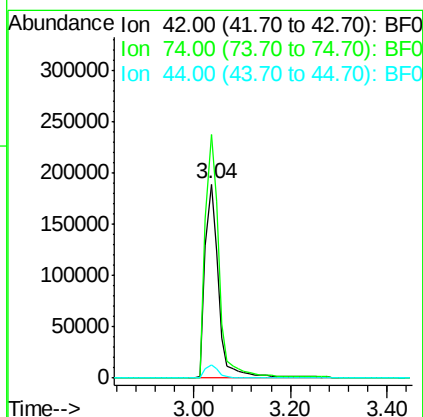
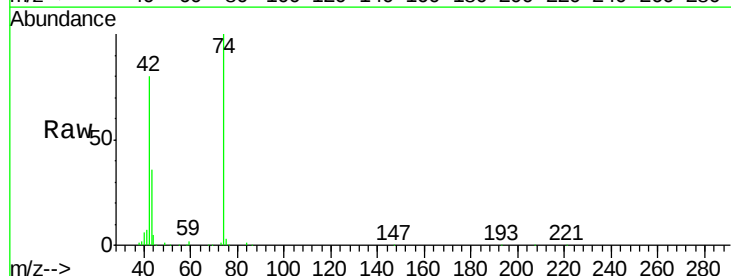
Instrument :
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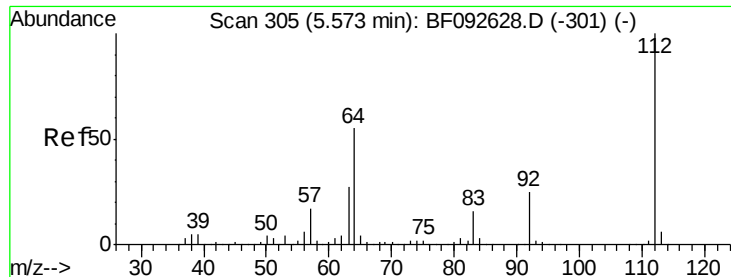
Tgt Ion: 79 Resp: 615527
 Ion Ratio Lower Upper
 79 100
 52 81.9 57.1 85.7
 51 39.3 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 56.11 ng
 RT: 3.04 min Scan# 83
 Delta R.T. -0.07 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion: 42 Resp: 375651
 Ion Ratio Lower Upper
 42 100
 74 125.5 117.0 175.4
 44 6.6 5.5 8.3





#5

2-Fluorophenol

Concen: 150.38 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

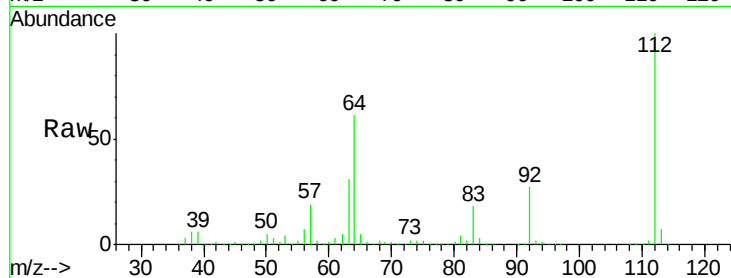
Tgt Ion: 112 Resp: 1560441

Ion Ratio Lower Upper

112 100

64 61.1 46.1 69.1

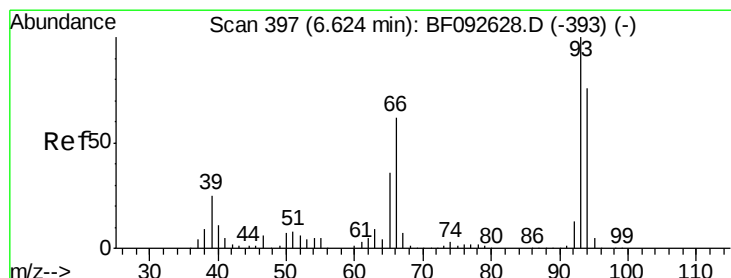
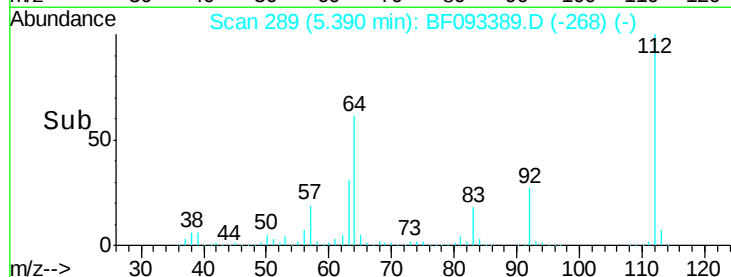
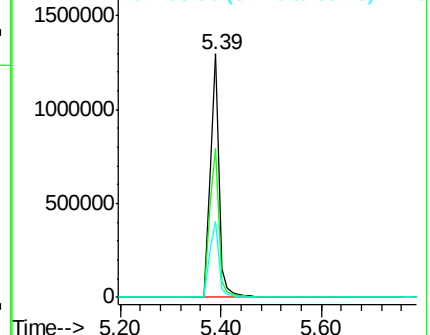
63 31.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.22 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

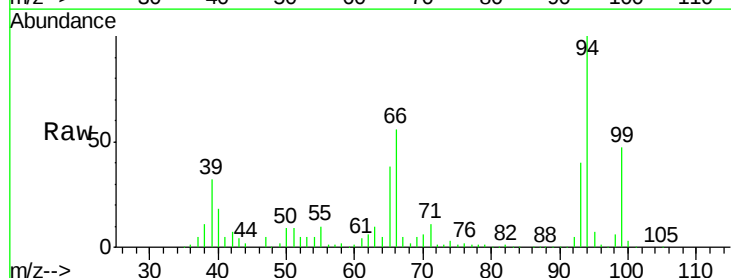
Tgt Ion: 93 Resp: 422982

Ion Ratio Lower Upper

93 100

66 140.0 76.2 114.2#

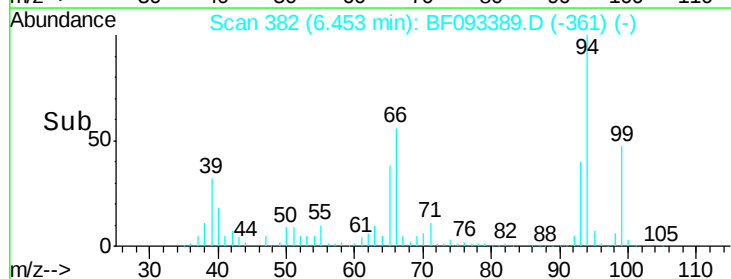
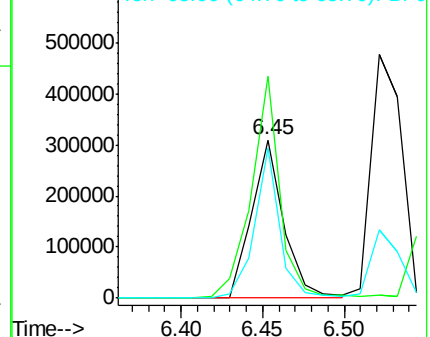
65 95.1 49.3 73.9#

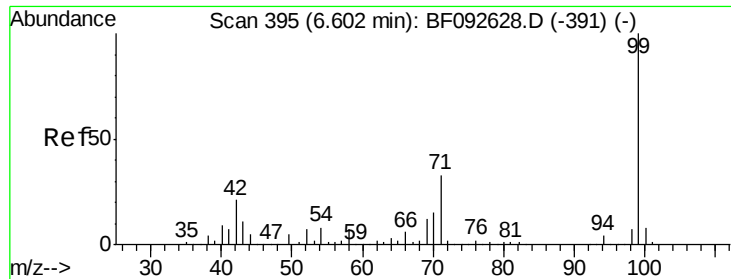


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.89 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

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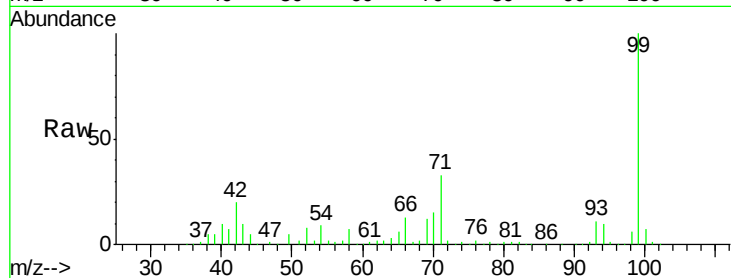
Tgt Ion: 99 Resp: 1774307

Ion Ratio Lower Upper

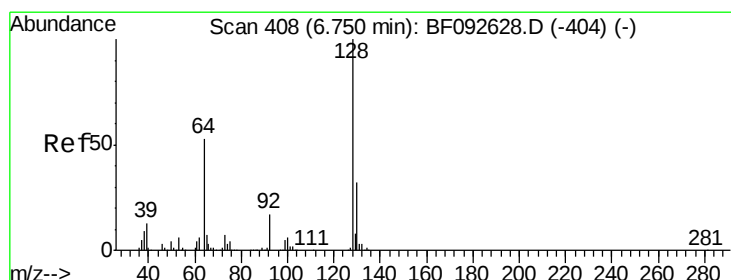
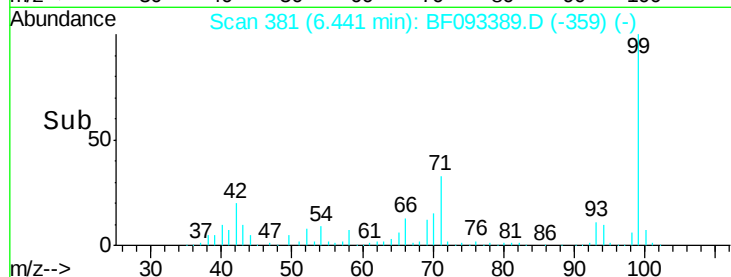
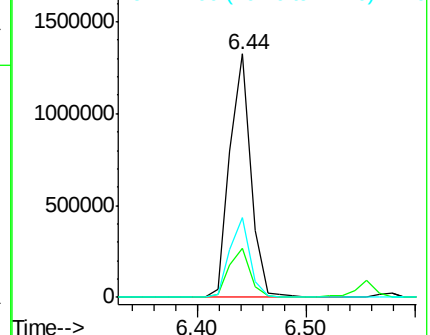
99 100

42 20.2 15.6 23.4

71 33.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.53 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

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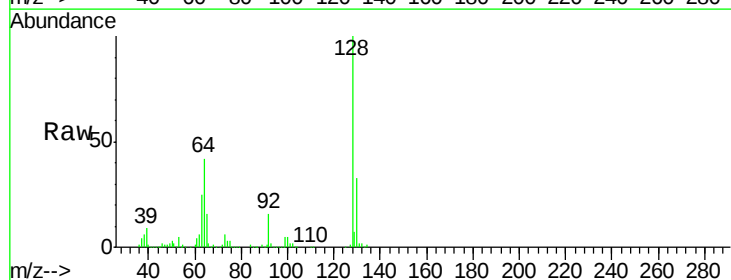
Tgt Ion: 128 Resp: 566983

Ion Ratio Lower Upper

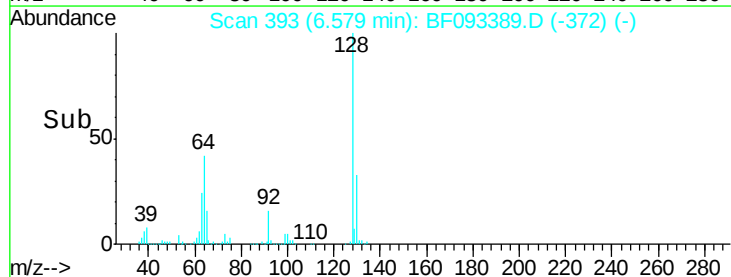
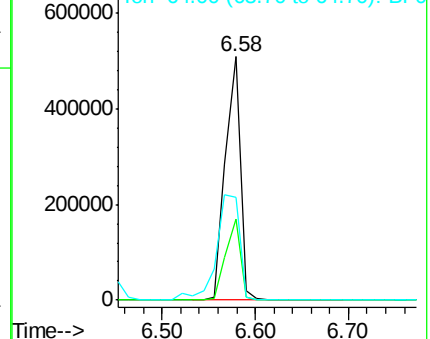
128 100

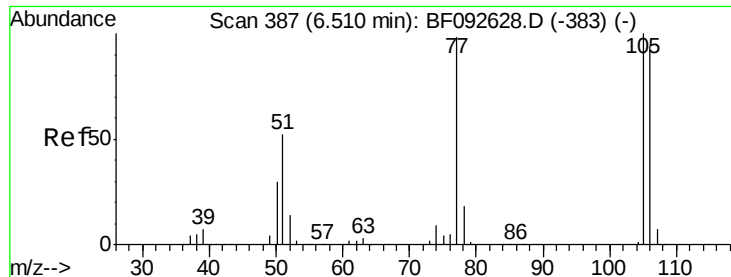
130 33.4 12.3 52.3

64 42.4 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.84 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.07 min

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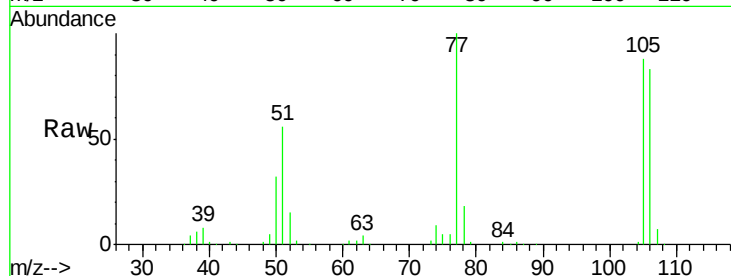
Tgt Ion: 77 Resp: 161066

Ion Ratio Lower Upper

77 100

105 88.5 83.9 123.9

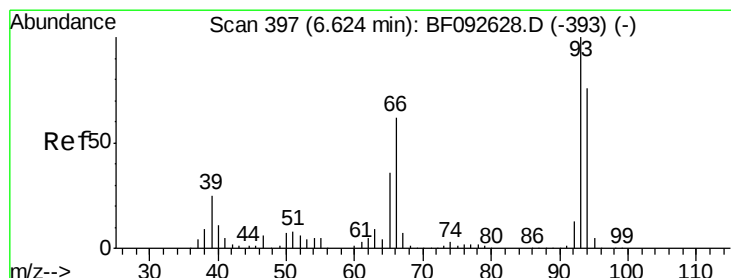
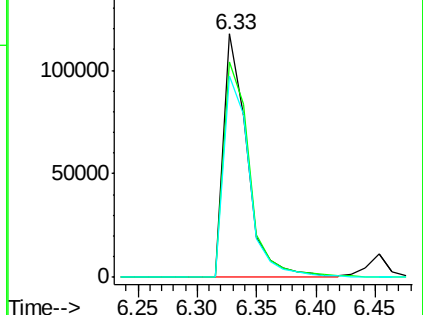
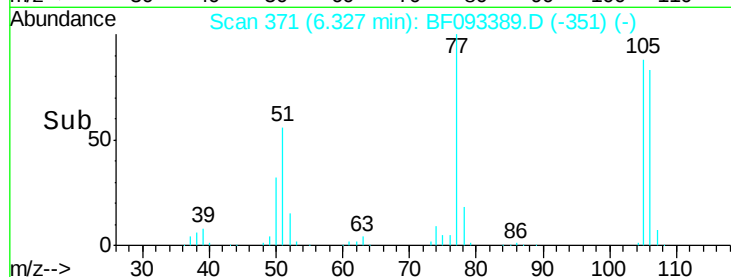
106 82.7 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.76 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

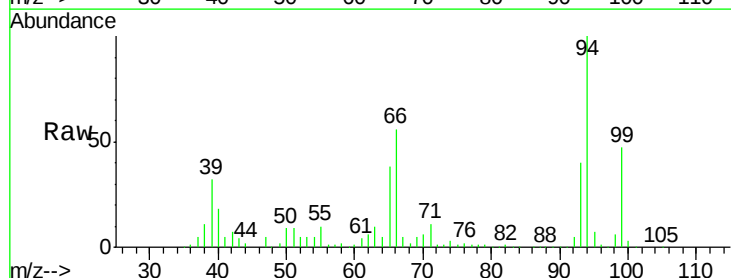
Tgt Ion: 94 Resp: 777255

Ion Ratio Lower Upper

94 100

65 37.9 21.4 61.4

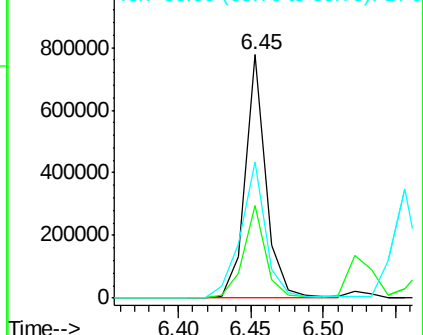
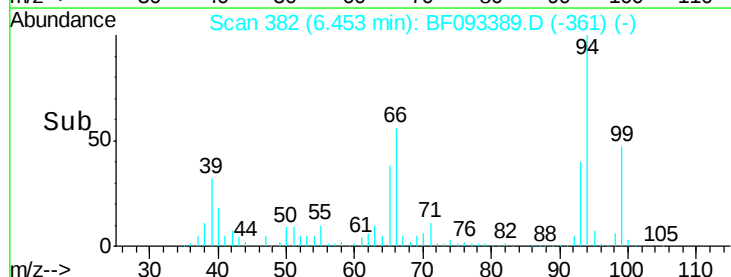
66 55.7 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

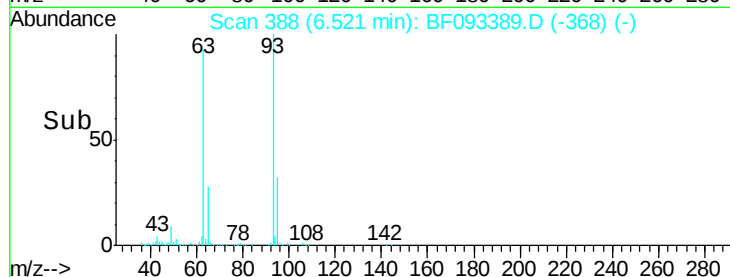
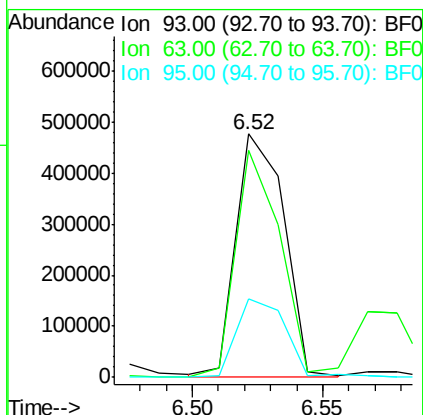
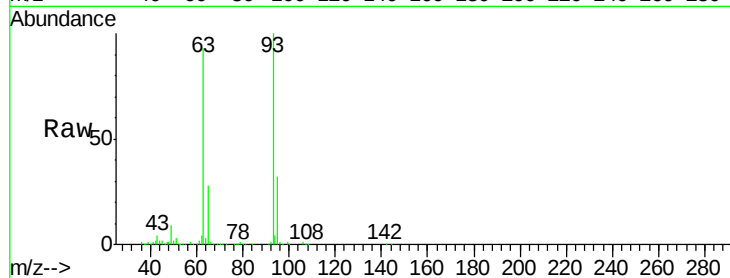




#11
bis(2-Chloroethyl)ether
Concen: 49.67 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.07 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

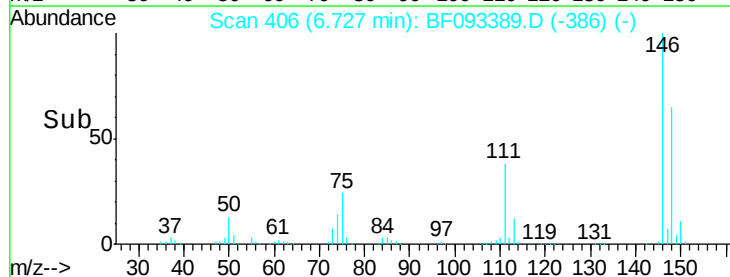
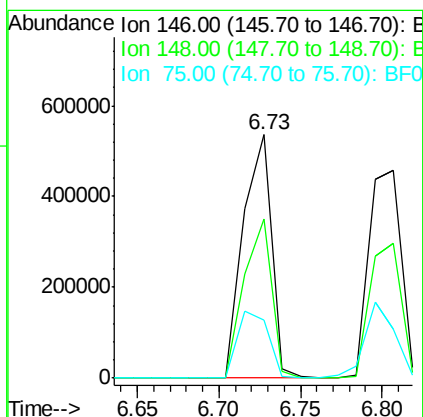
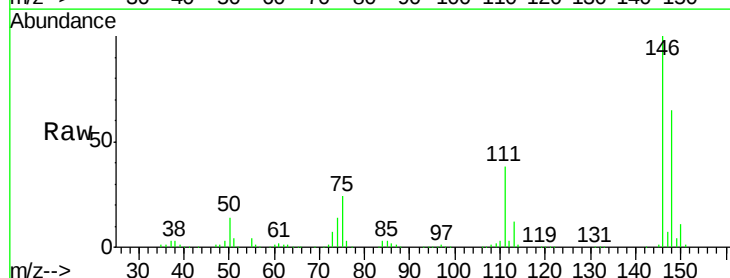
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

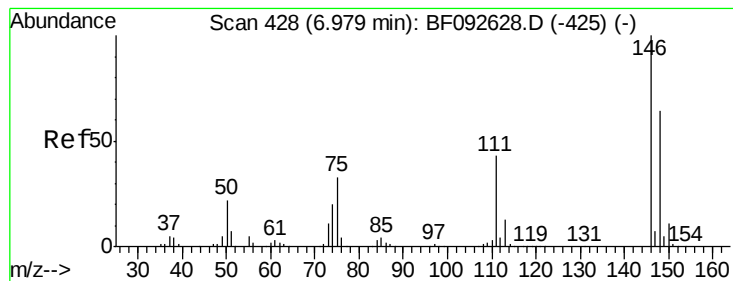
Tgt Ion: 93 Resp: 619354
Ion Ratio Lower Upper
93 100
63 93.0 60.4 100.4
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 47.99 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.07 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion: 146 Resp: 643495
Ion Ratio Lower Upper
146 100
148 65.1 53.4 80.0
75 23.9 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 47.42 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.15 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

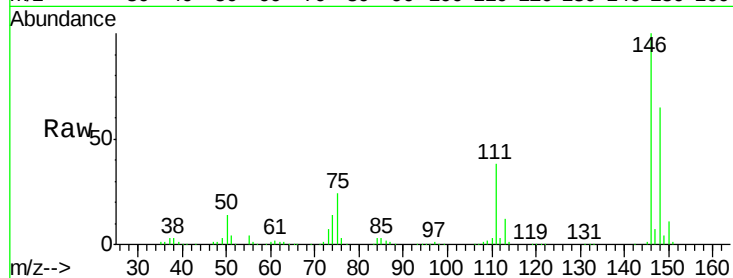
Tgt Ion:146 Resp: 643495

Ion Ratio Lower Upper

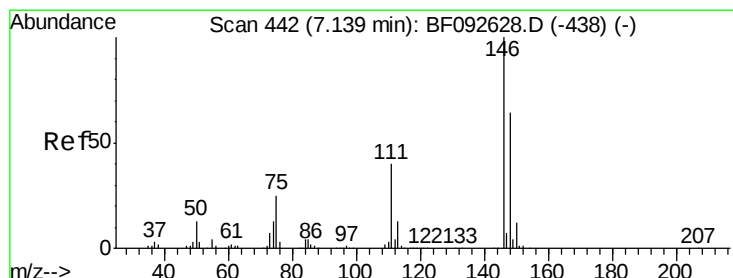
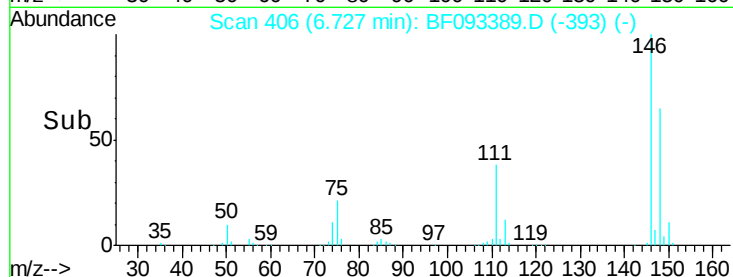
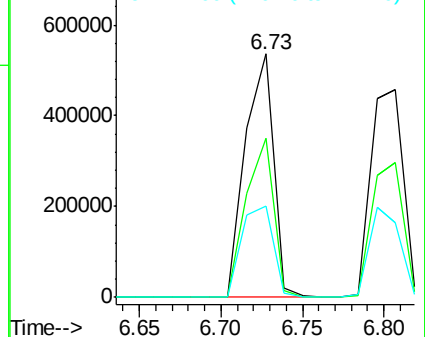
146 100

148 65.1 50.6 76.0

111 37.8 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: 45.67 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

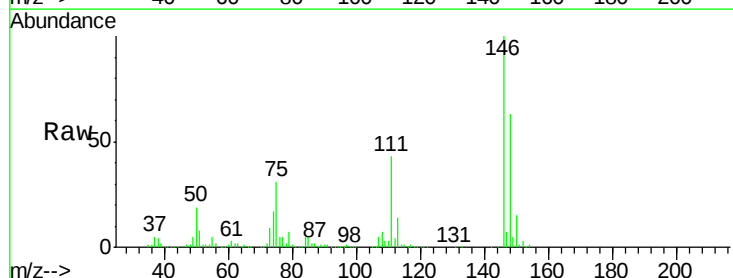
Tgt Ion:146 Resp: 592628

Ion Ratio Lower Upper

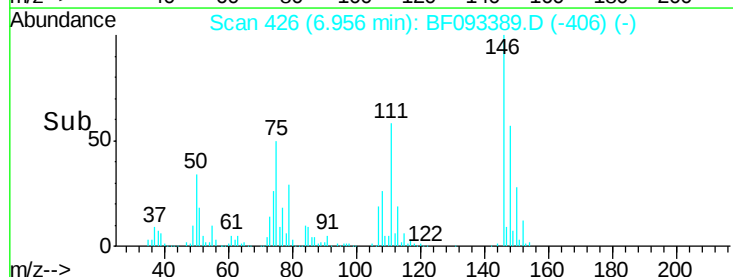
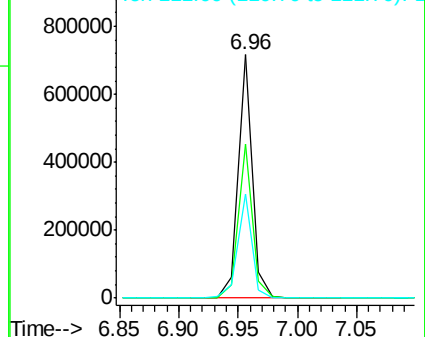
146 100

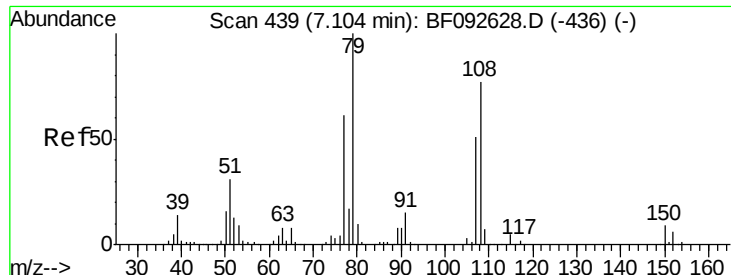
148 63.2 52.2 78.2

111 42.8 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

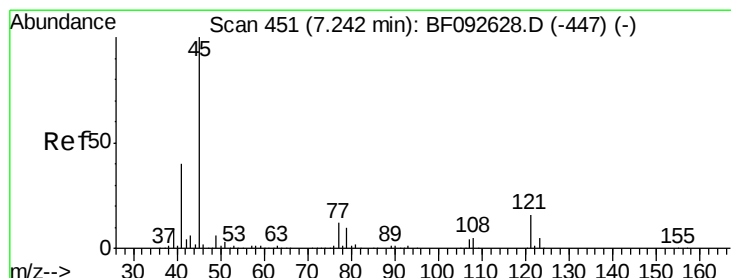
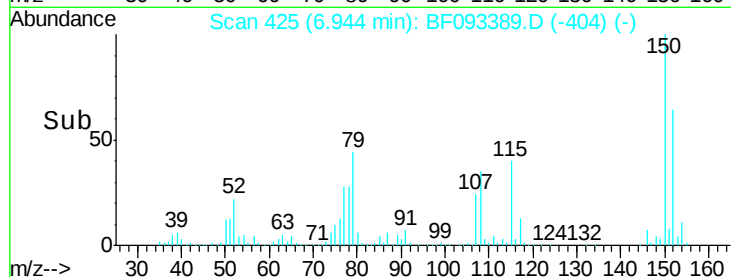
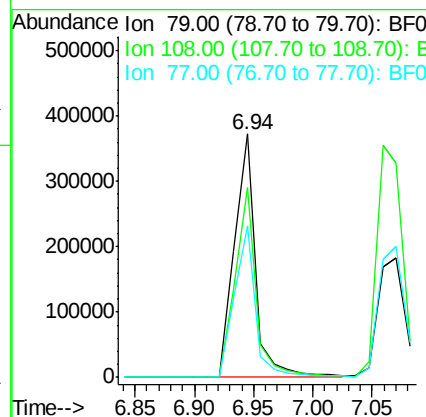
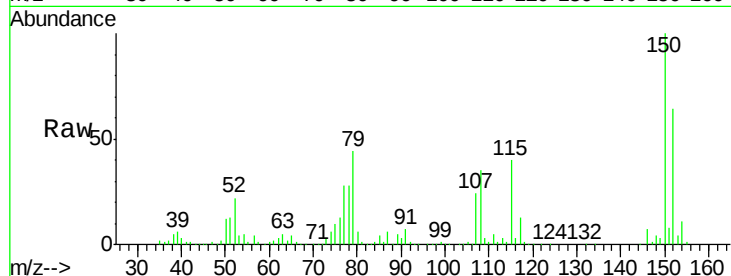




#15
Benzyl Alcohol
Concen: 46.46 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.06 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

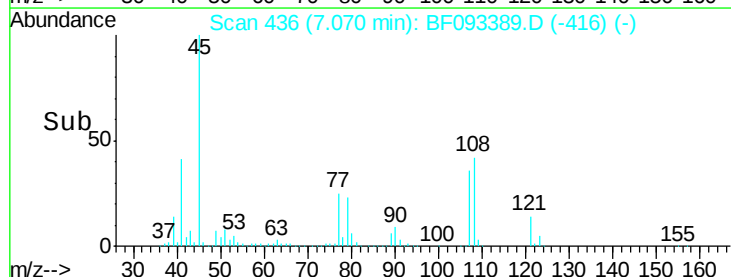
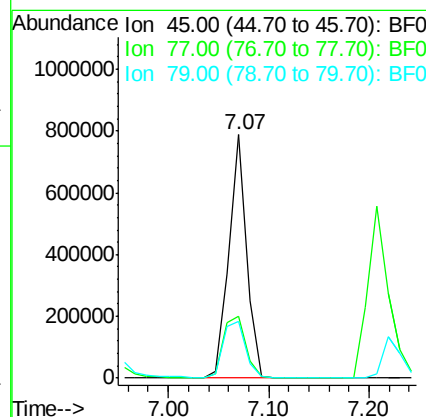
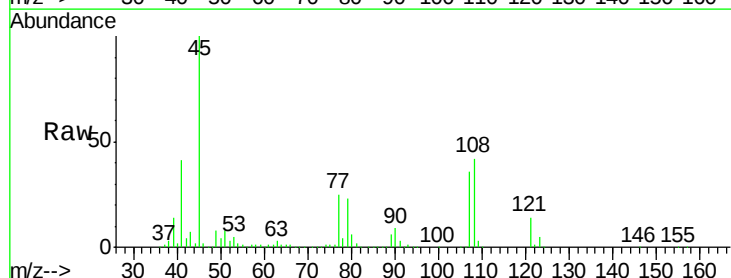
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

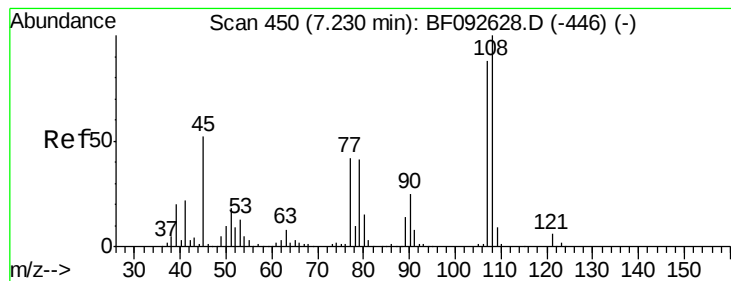
Tgt Ion: 79 Resp: 459279
Ion Ratio Lower Upper
79 100
108 78.2 61.4 92.0
77 62.3 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.49 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.07 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion: 45 Resp: 963746
Ion Ratio Lower Upper
45 100
77 25.3 0.0 34.6
79 23.3 0.0 31.2





#17

2-Methylphenol

Concen: 47.40 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.06 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

Tgt Ion:107 Resp: 465504

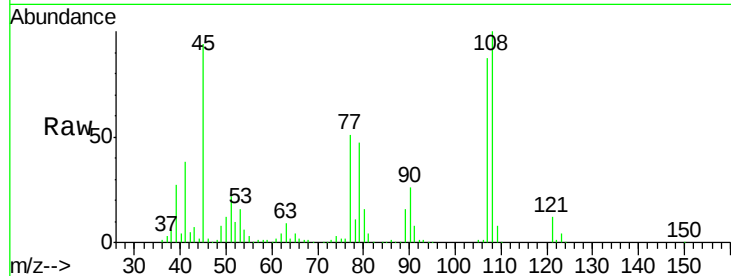
Ion Ratio Lower Upper

107 100

108 115.0 93.0 139.6

77 58.8 39.8 59.8

79 54.5 38.0 57.0

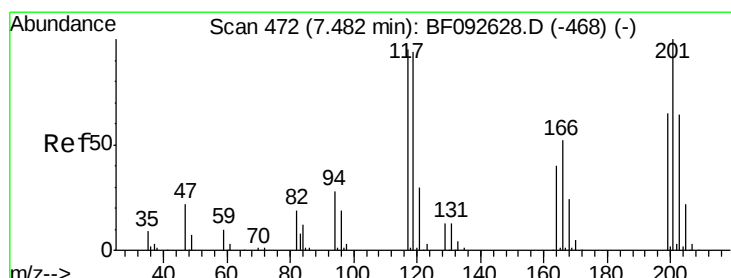
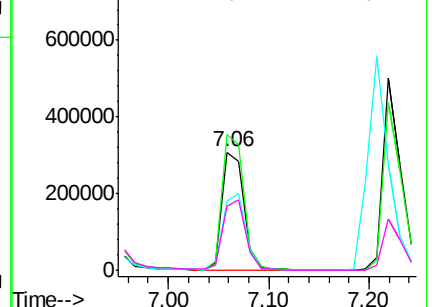
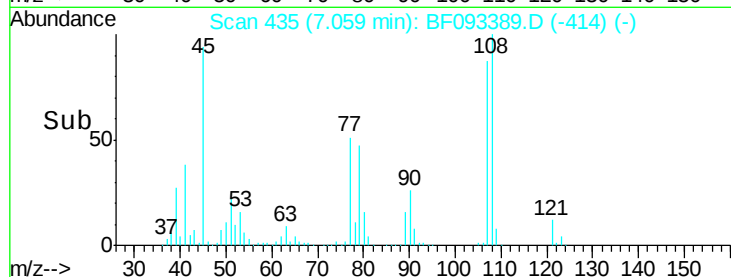


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 47.77 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

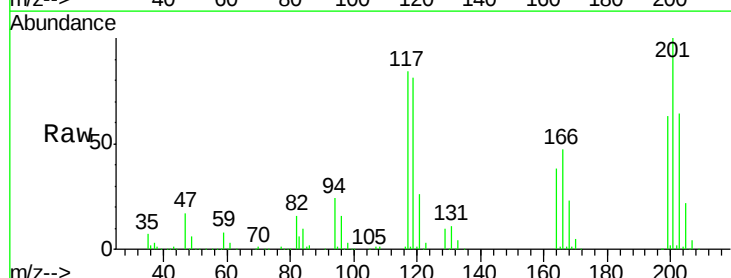
Tgt Ion:117 Resp: 221321

Ion Ratio Lower Upper

117 100

119 96.2 78.1 117.1

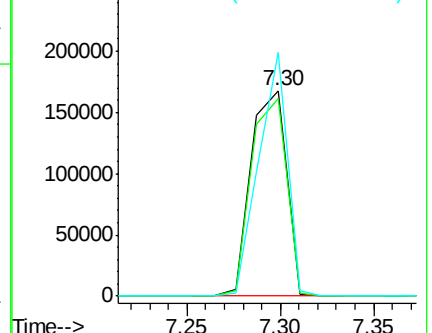
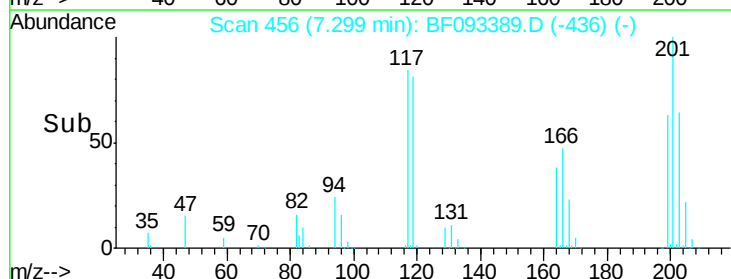
201 118.6 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

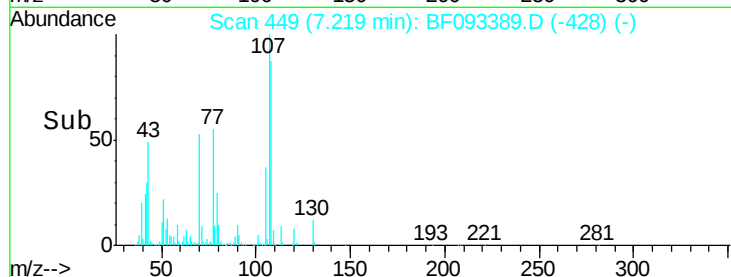
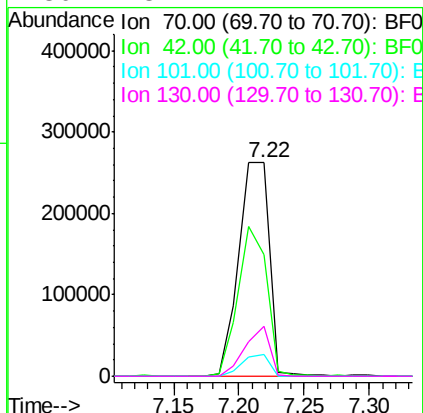
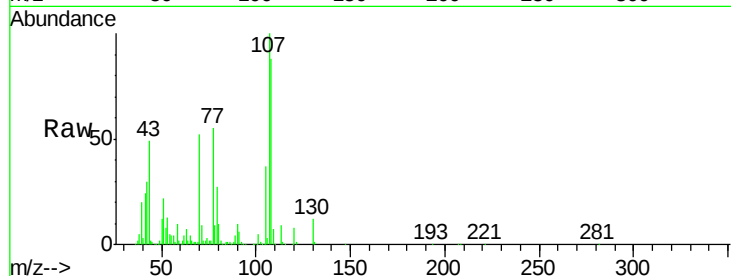




#19
n-Nitroso-di-n-propylamine
Concen: 50.51 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

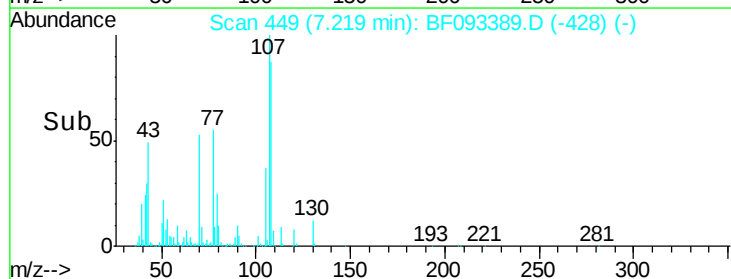
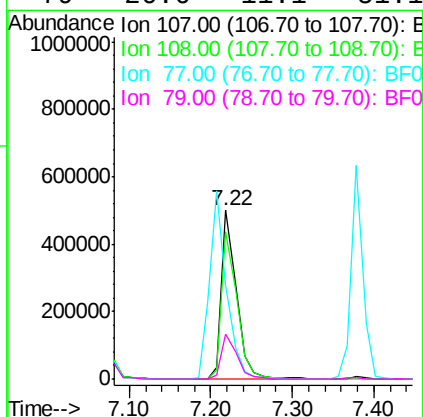
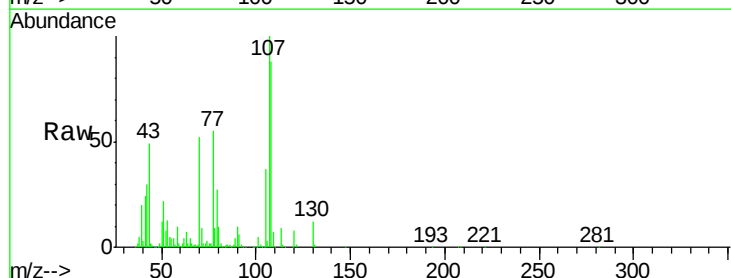
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

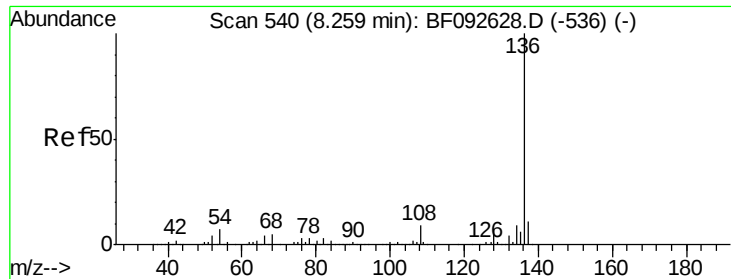
Tgt Ion: 70 Resp: 429340
Ion Ratio Lower Upper
70 100
42 57.0 49.4 74.0
101 10.0 7.4 11.2
130 23.2 14.2 21.4#



#20
3+4-Methylphenols
Concen: 53.51 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion: 107 Resp: 628356
Ion Ratio Lower Upper
107 100
108 87.6 73.0 113.0
77 55.3 71.3 111.3#
79 26.6 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

Tgt Ion:136 Resp: 706573

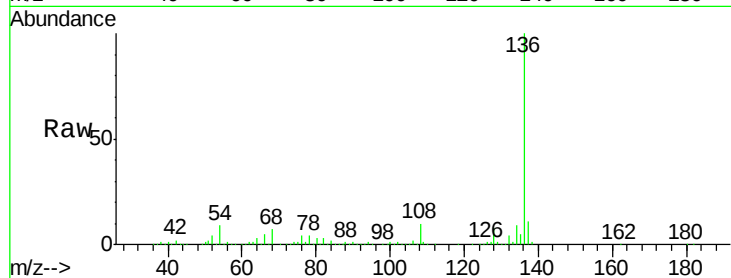
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.2 4.5 6.7#

68 6.8 3.6 5.4#

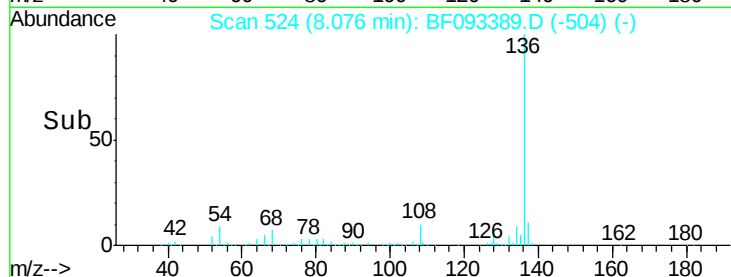


Abundance Ion 136.00 (135.70 to 136.70): E

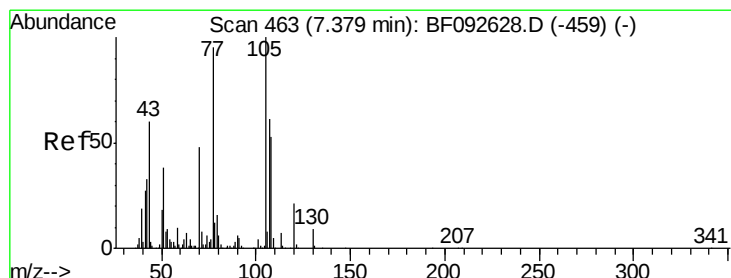
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 49.99 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Tgt Ion:105 Resp: 806413

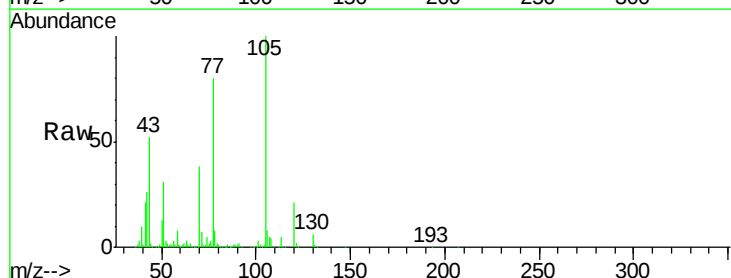
Ion Ratio Lower Upper

105 100

71 6.6 3.2 4.8#

51 31.1 26.2 39.4

120 21.5 16.6 24.8

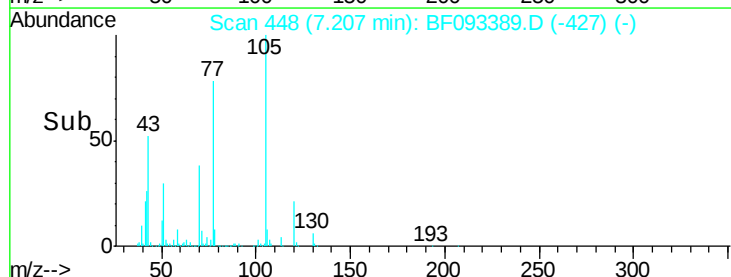


Abundance Ion 105.00 (104.70 to 105.70): E

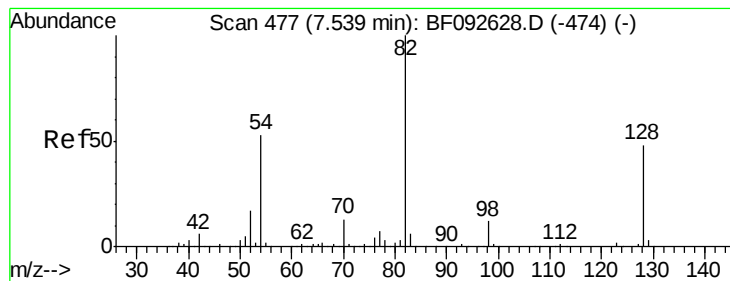
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 99.97 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

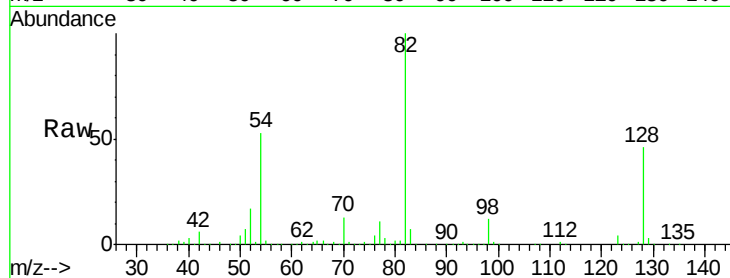
Tgt Ion: 82 Resp: 1268488

Ion Ratio Lower Upper

82 100

128 46.3 34.6 52.0

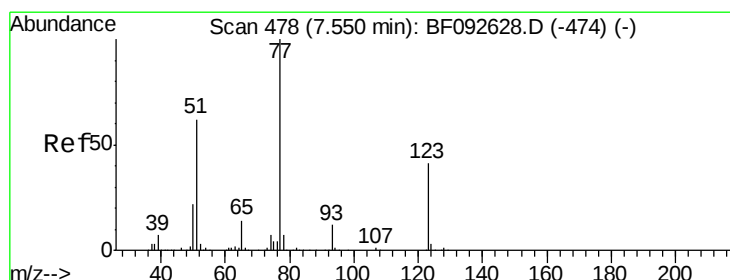
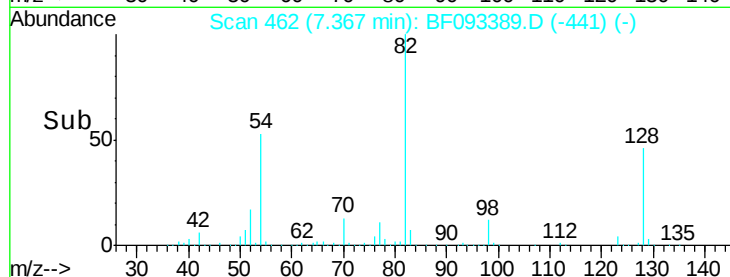
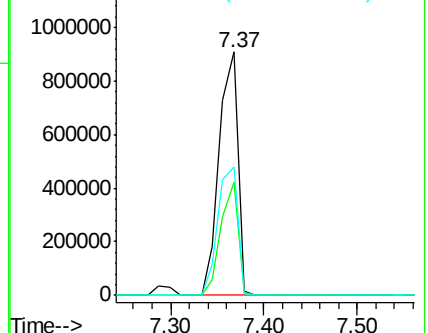
54 52.9 39.5 59.3



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: 47.81 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

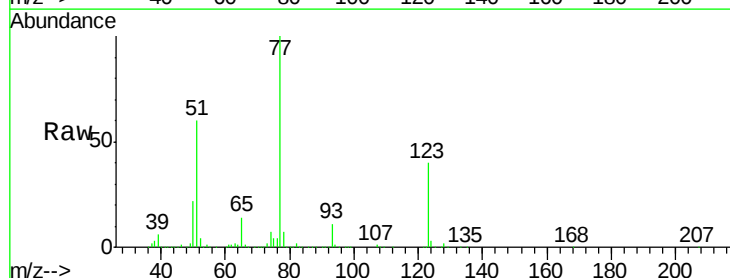
Tgt Ion: 77 Resp: 622910

Ion Ratio Lower Upper

77 100

123 40.3 33.0 49.4

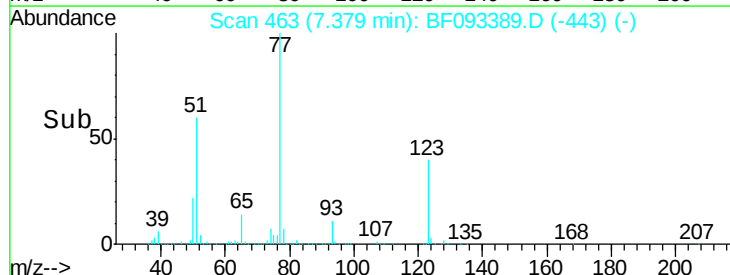
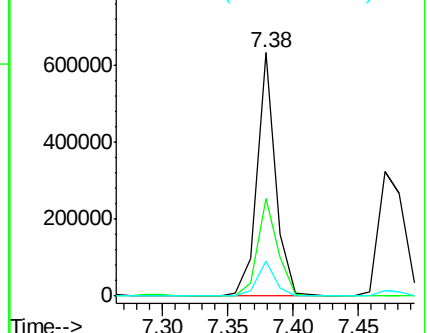
65 14.3 11.2 16.8

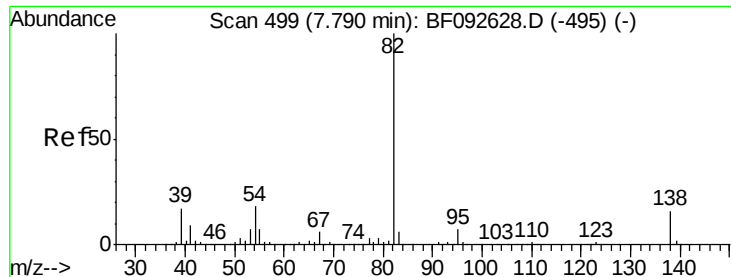


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 50.49 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

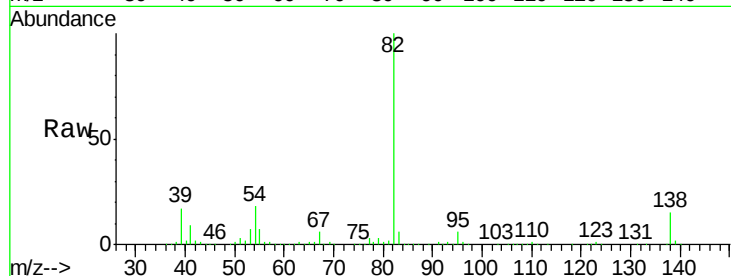
Tgt Ion: 82 Resp: 1193829

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

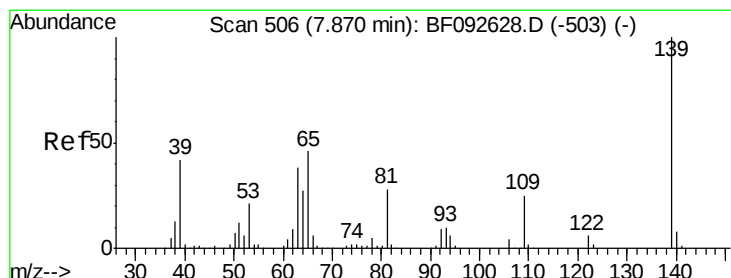
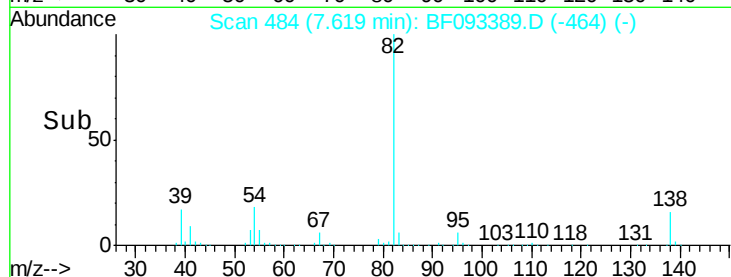
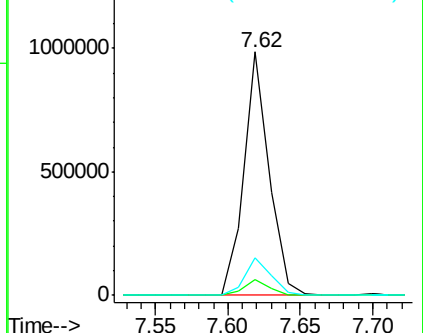
138 15.5 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 54.04 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.06 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

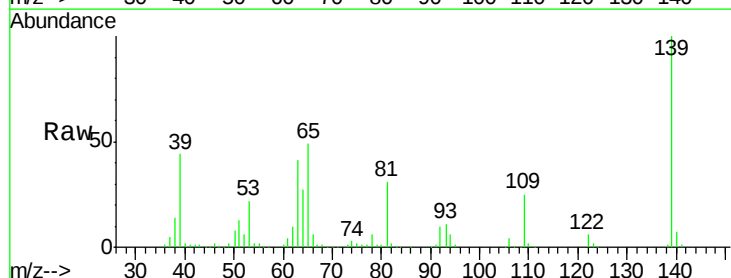
Tgt Ion: 139 Resp: 334664

Ion Ratio Lower Upper

139 100

109 25.0 23.3 34.9

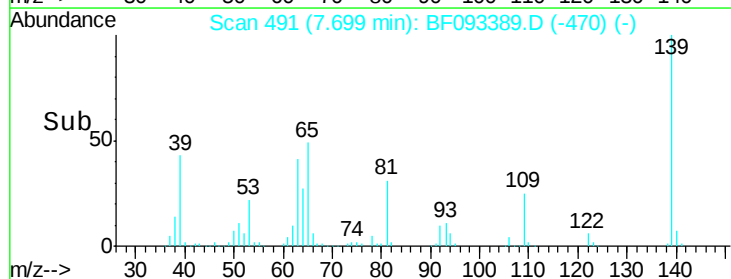
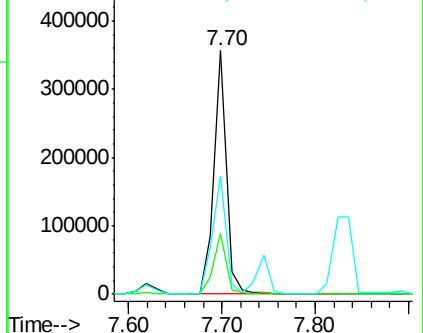
65 48.8 42.7 64.1

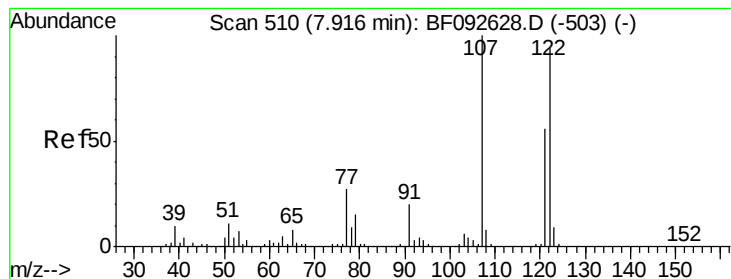


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 47.22 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

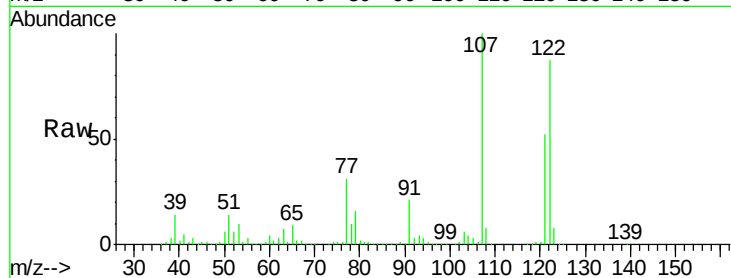
Tgt Ion:122 Resp: 513611

Ion Ratio Lower Upper

122 100

107 115.4 94.1 141.1

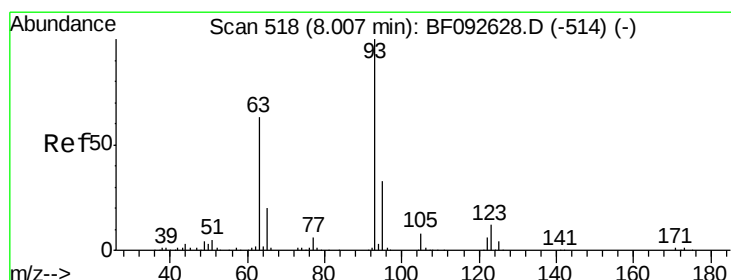
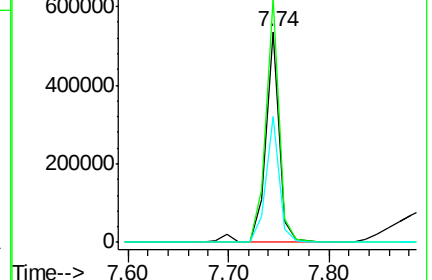
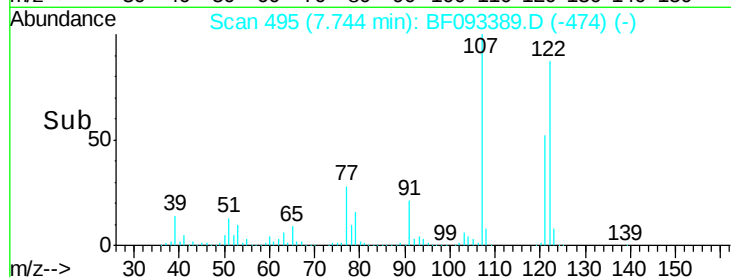
121 59.6 46.0 69.0



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: 49.16 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.06 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

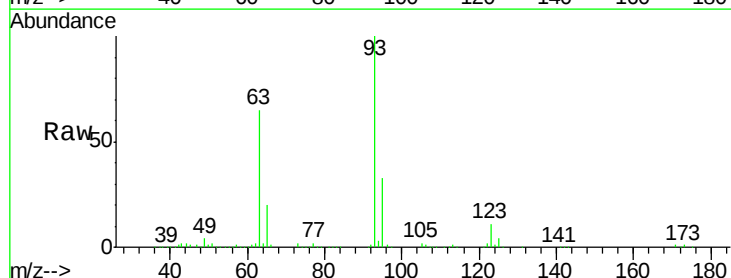
Tgt Ion: 93 Resp: 769723

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

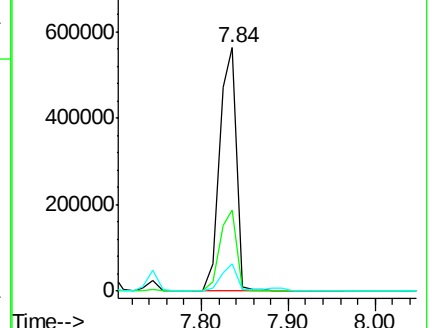
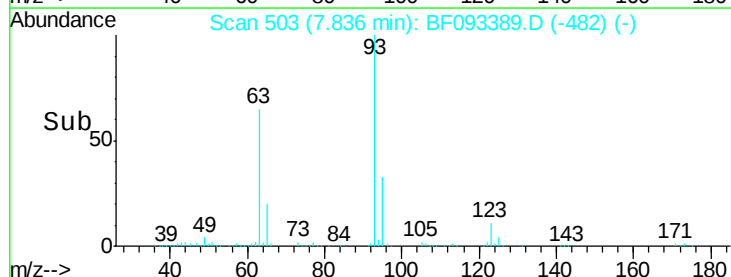
123 11.3 8.6 13.0

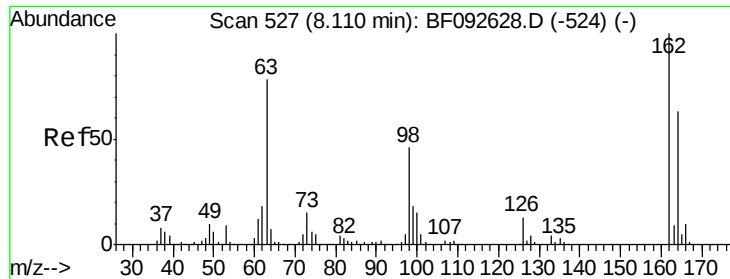


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

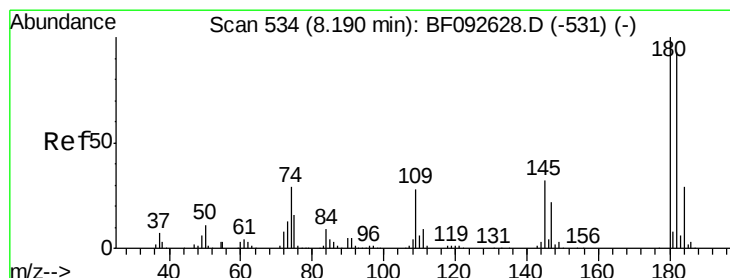
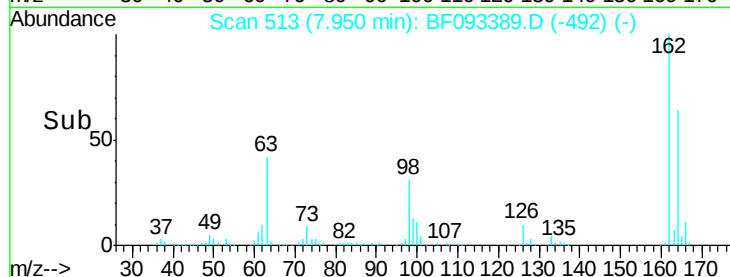
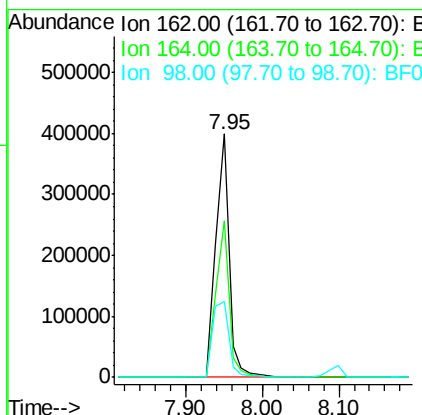
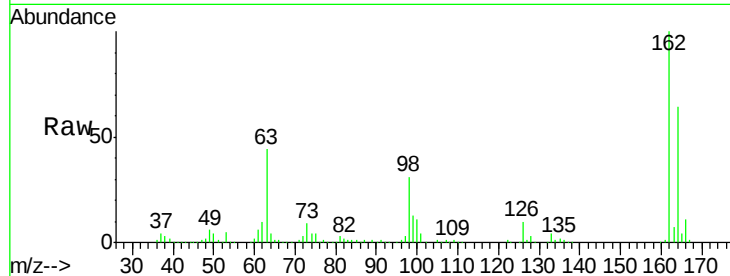




#29
 2,4-Dichlorophenol
 Concen: 47.37 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.06 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

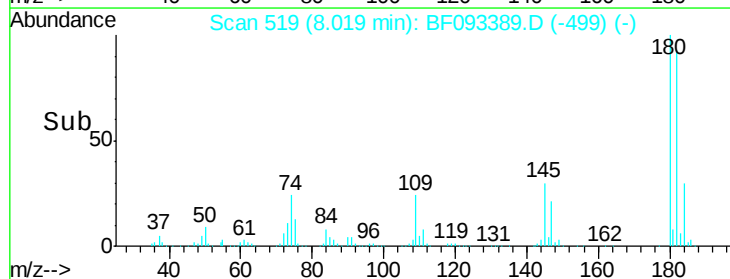
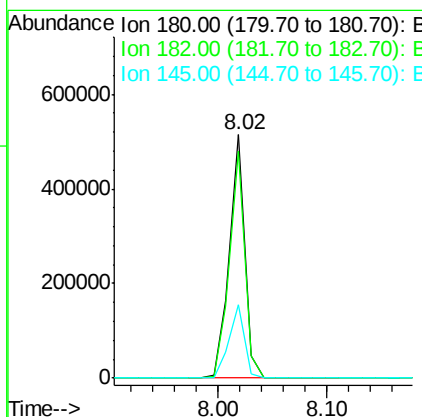
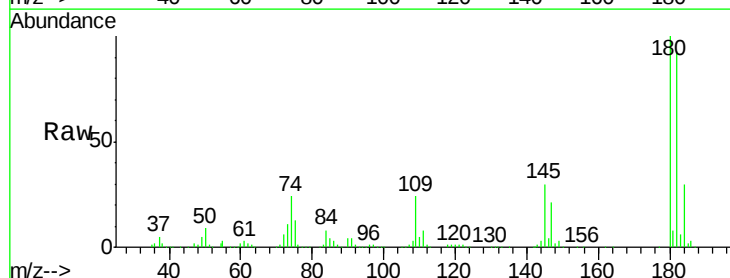
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	46.8	86.8
98	31.1	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.19 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.07 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	78.2	117.4
145	30.3	21.6	32.4





#31

Naphthalene

Concen: 45.64 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

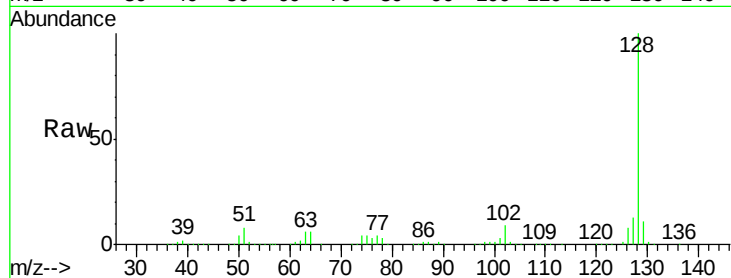
Tgt Ion:128 Resp: 1634762

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

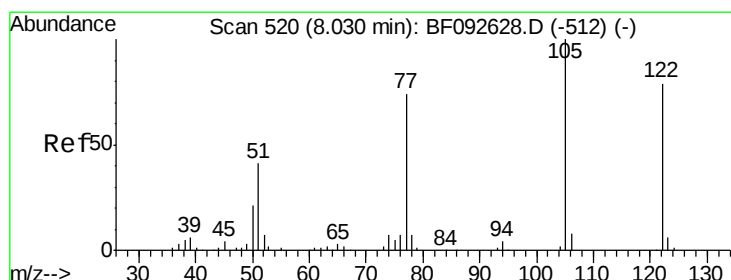
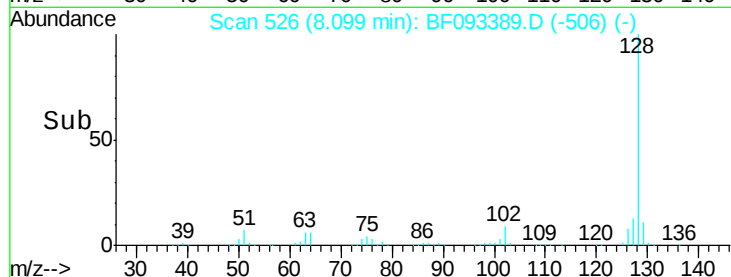
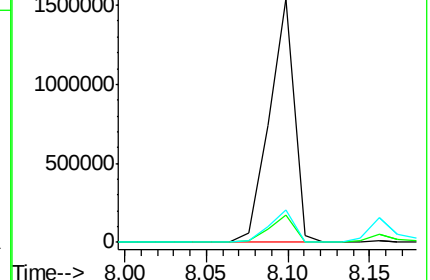
127 13.3 10.8 16.2



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: 35.01 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

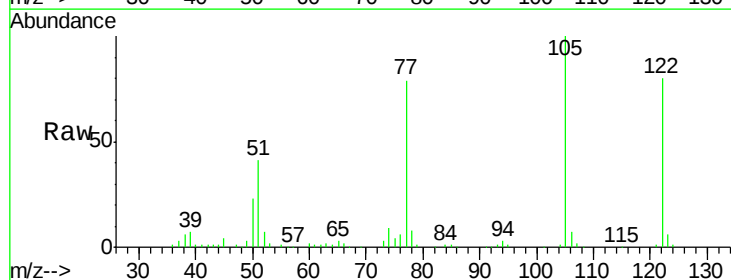
Tgt Ion:122 Resp: 201727

Ion Ratio Lower Upper

122 100

105 124.8 107.2 147.2

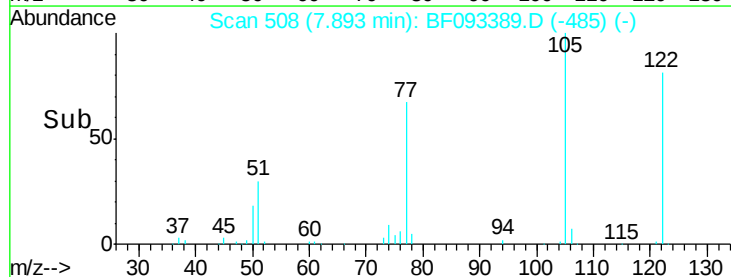
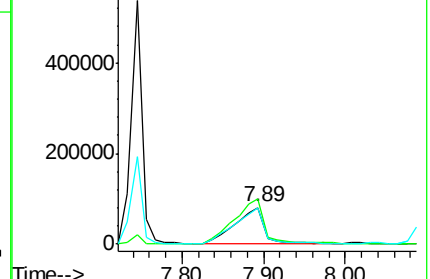
77 98.3 74.5 114.5



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

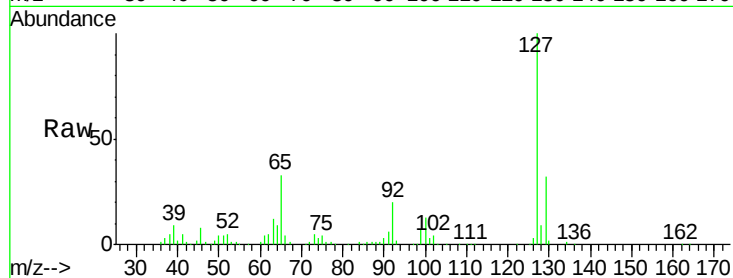




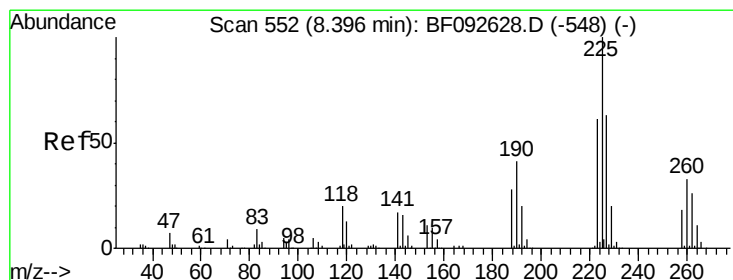
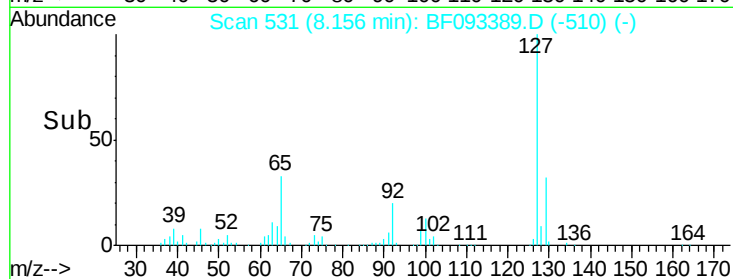
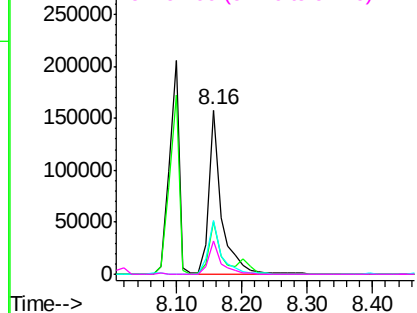
#33
4-Chloroaniline
Concen: 15.22 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tgt Ion:	127	Resp:	213859
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	33.0	25.8	38.8
92	20.3	16.1	24.1

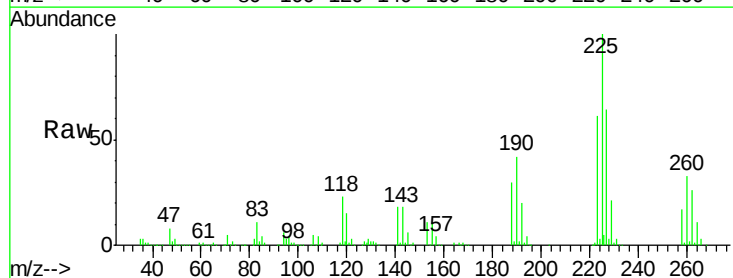


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

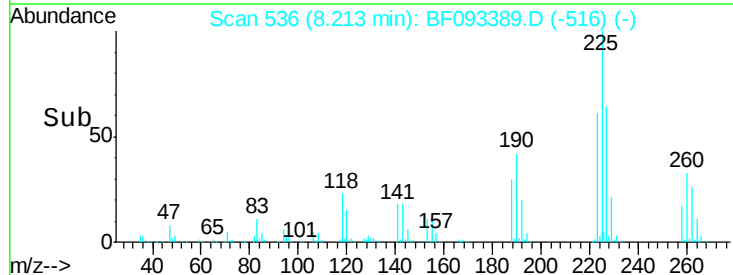
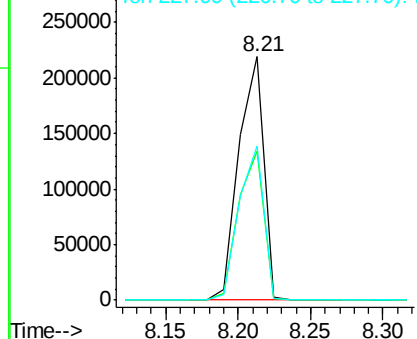


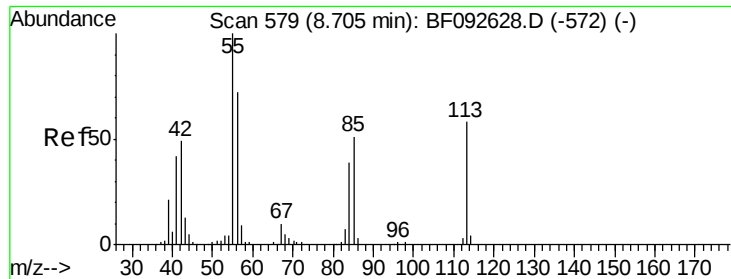
#34
Hexachlorobutadiene
Concen: 43.42 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.07 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion:	225	Resp:	261141
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.0	76.6
227	63.5	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

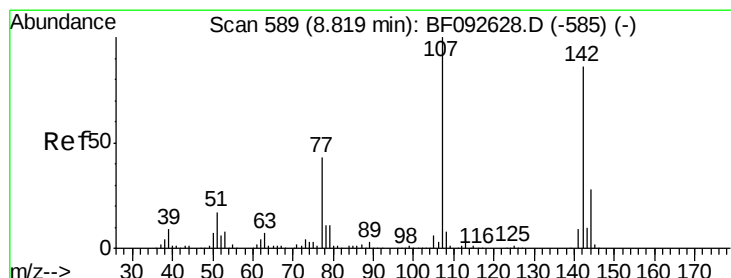
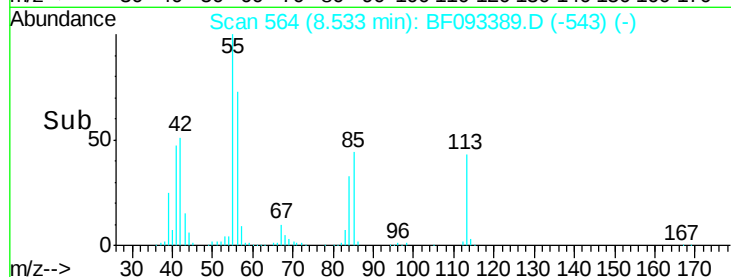
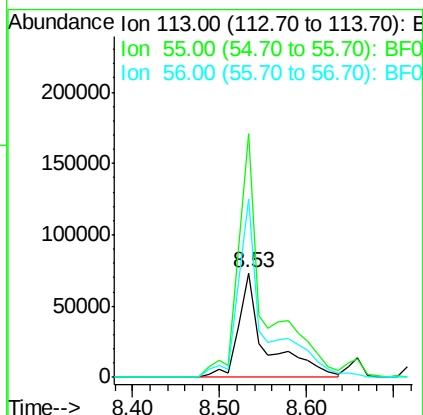
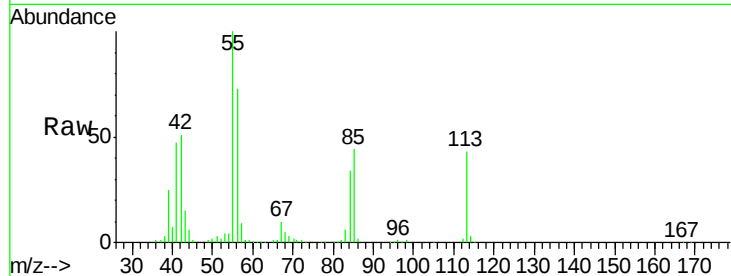




#35
 Caprolactam
 Concen: 49.98 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.06 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

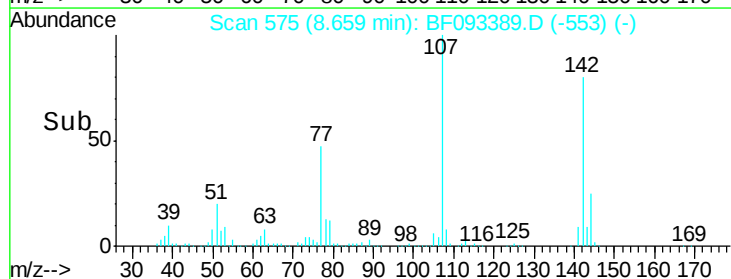
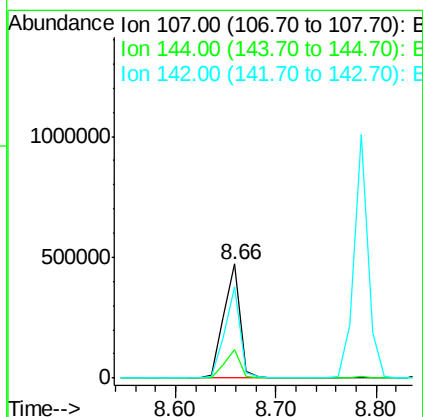
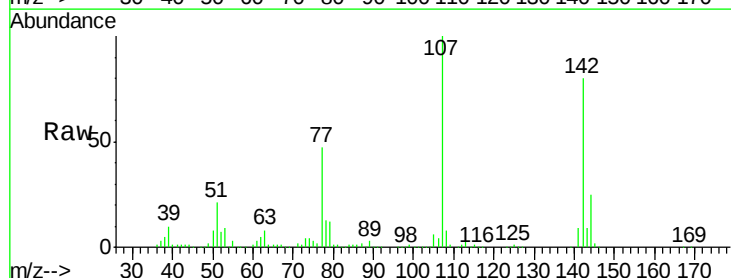
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

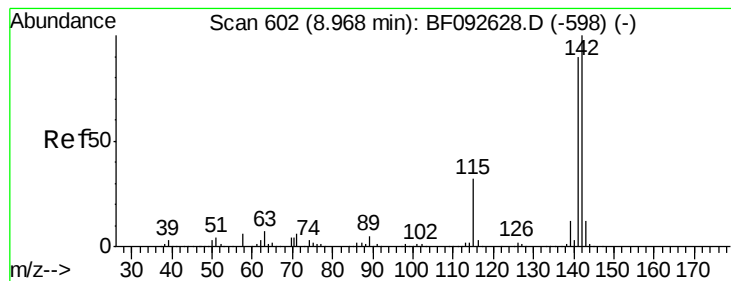
Tgt Ion:113 Resp: 159462
 Ion Ratio Lower Upper
 113 100
 55 233.0 119.2 159.2#
 56 170.6 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 50.78 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.05 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion:107 Resp: 537018
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.3 28.9
 142 80.2 59.0 88.6





#37

2-Methylnaphthalene

Concen: 42.59 ng

RT: 8.78 min Scan# 586

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

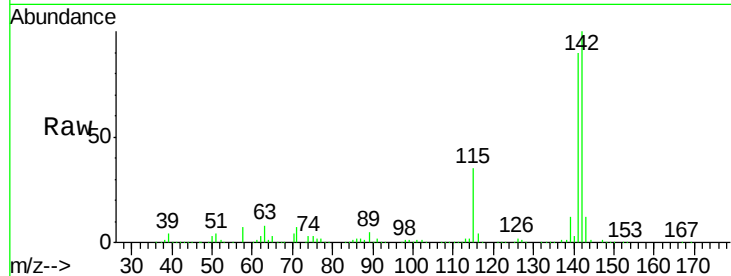
Tgt Ion:142 Resp: 979580

Ion Ratio Lower Upper

142 100

141 90.3 71.0 106.6

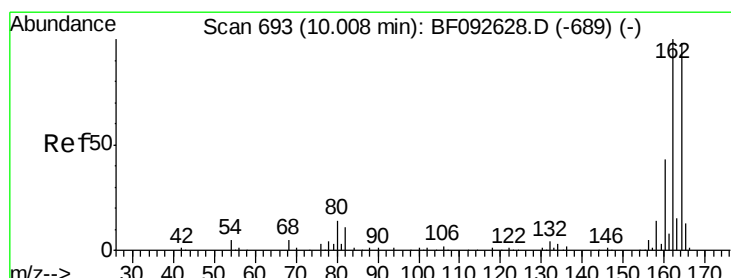
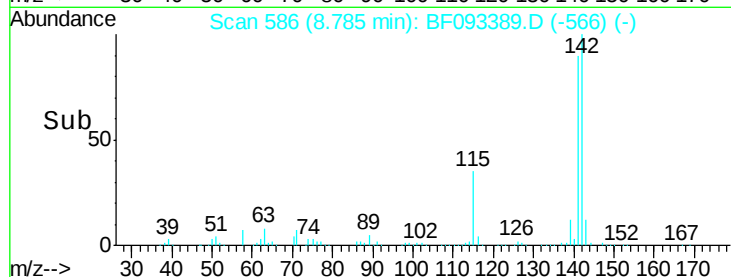
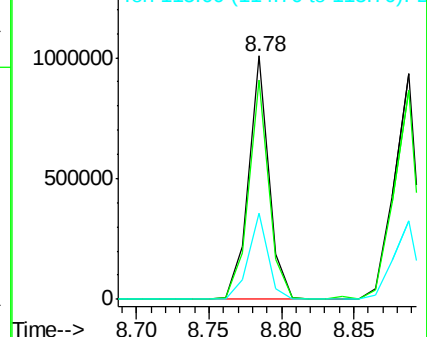
115 35.4 28.3 42.5



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: 9.82 min Scan# 677

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

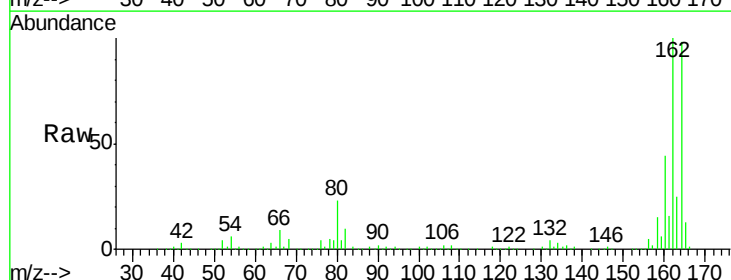
Tgt Ion:164 Resp: 318713

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

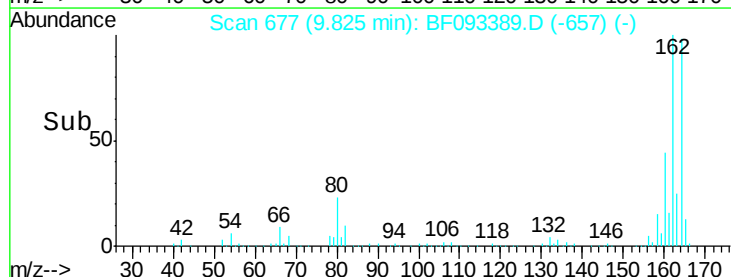
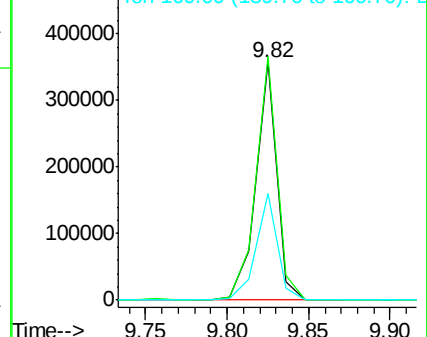
160 44.7 36.9 55.3

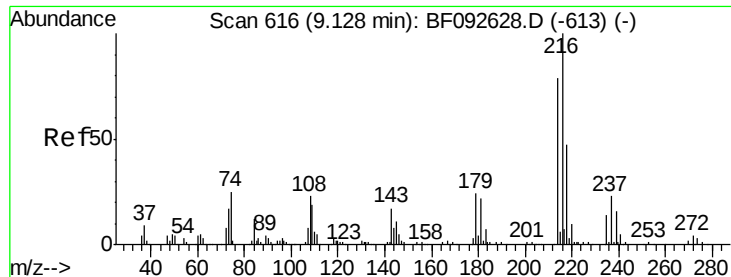


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

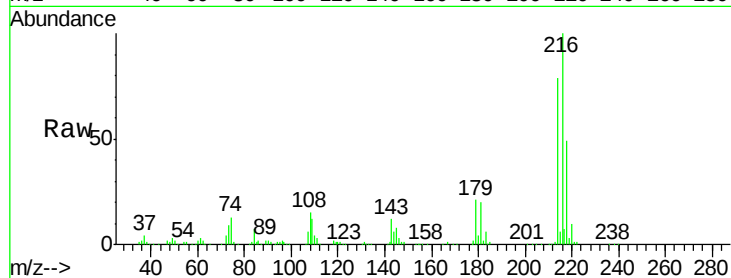




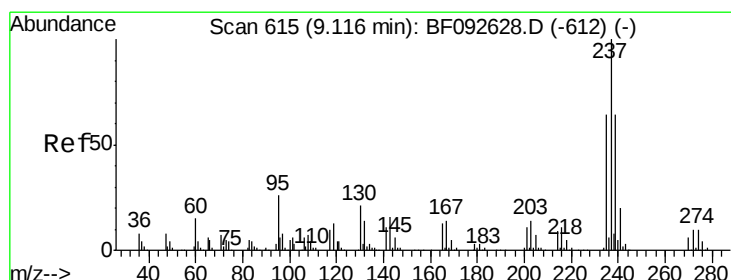
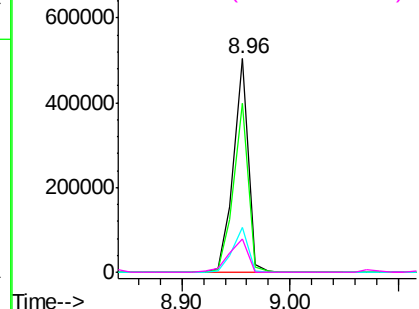
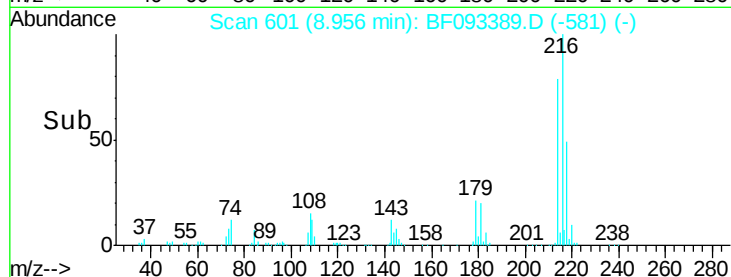
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.77 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.07 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tgt Ion:	216	Resp:	472088
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.0
179	21.8	17.4	26.2
108	19.8	15.6	23.4

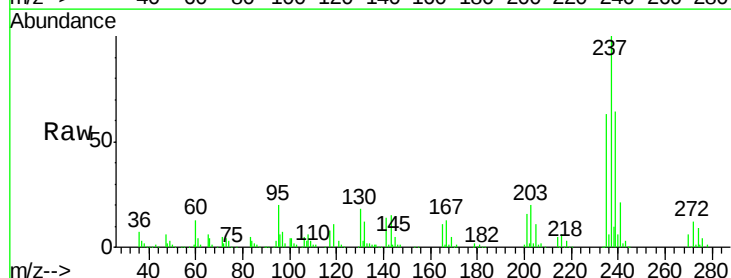


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

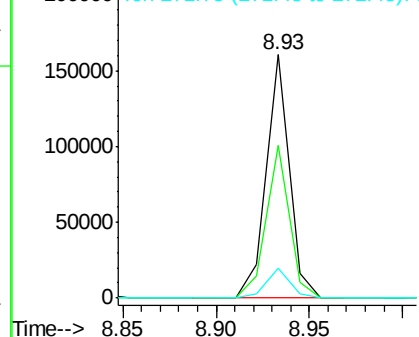
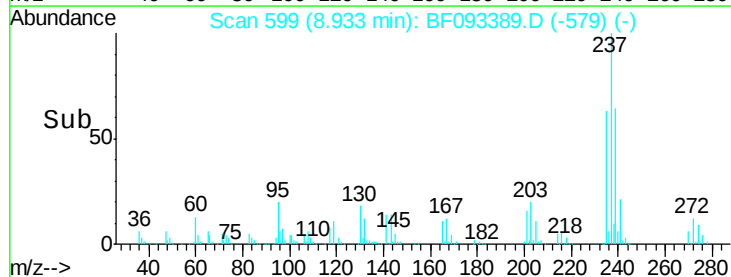


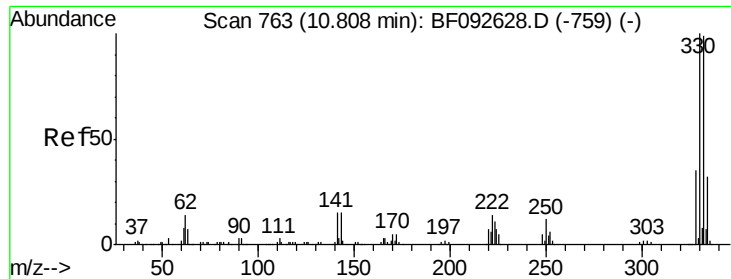
#40
 Hexachlorocyclopentadiene
 Concen: 34.08 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.07 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion:	237	Resp:	137580
Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.2	81.2
272	12.1	0.0	35.4



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

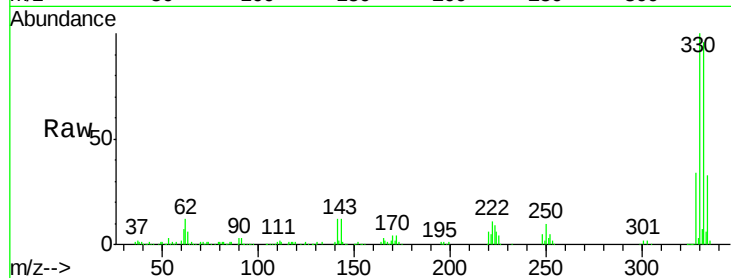




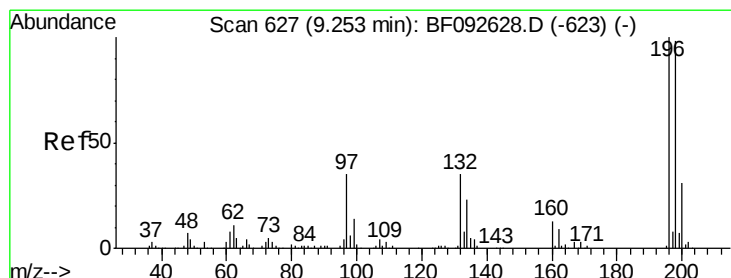
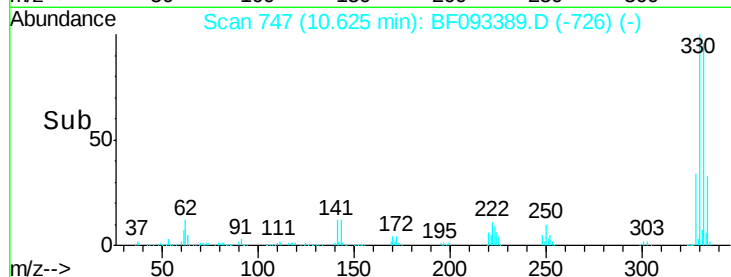
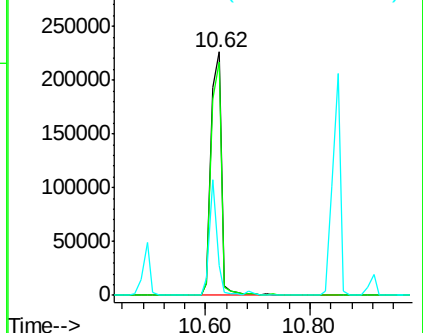
#41
 2,4,6-Tribromophenol
 Concen: 136.79 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.06 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tgt Ion:330 Resp: 315322
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.4 116.2
 141 34.3 34.1 51.1

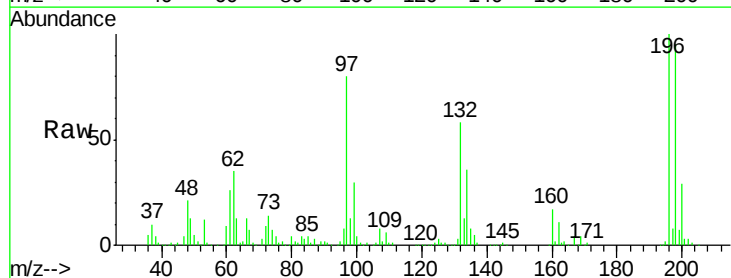


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

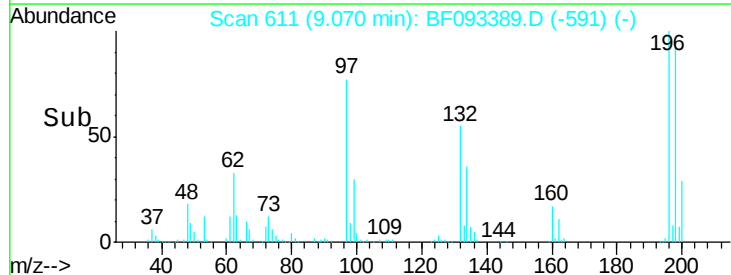
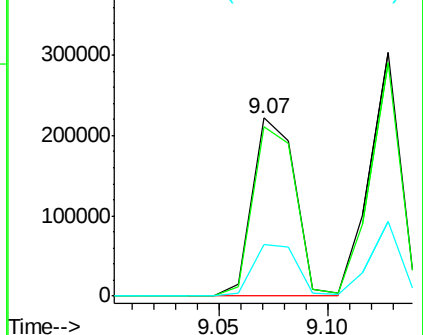


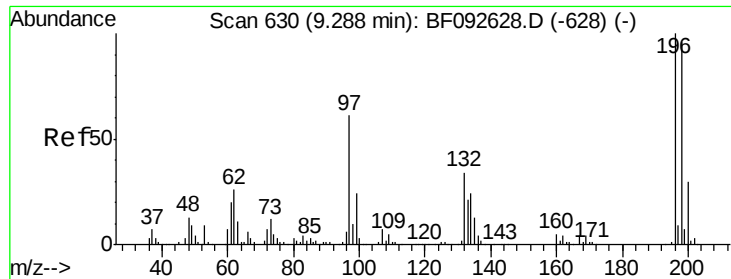
#42
 2,4,6-Trichlorophenol
 Concen: 51.48 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.07 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion:196 Resp: 302643
 Ion Ratio Lower Upper
 196 100
 198 95.3 82.1 123.1
 200 28.9 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

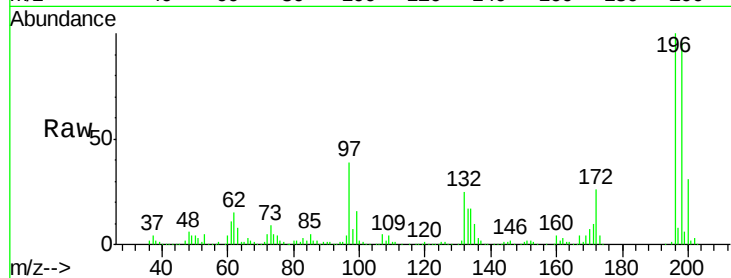




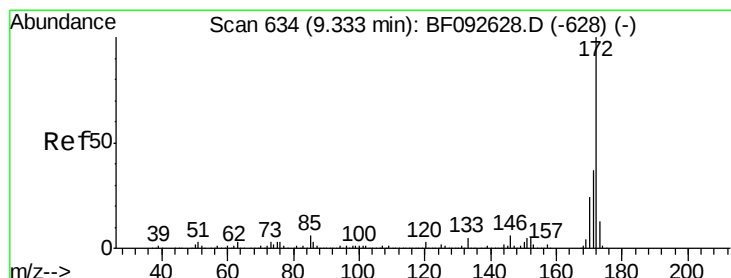
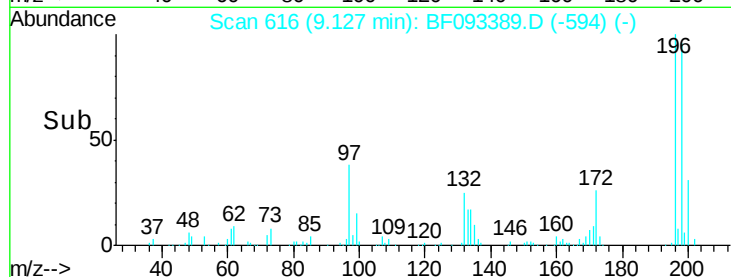
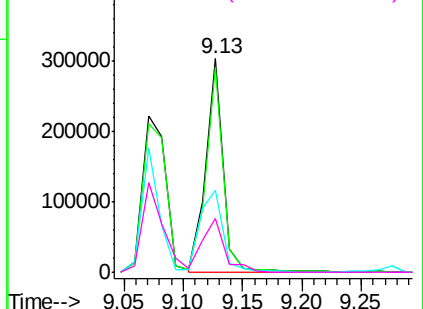
#43
 2,4,5-Trichlorophenol
 Concen: 47.92 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tgt Ion:196 Resp: 308658
 Ion Ratio Lower Upper
 196 100
 198 95.7 79.4 119.2
 97 38.6 51.5 77.3#
 132 25.2 27.4 41.2#

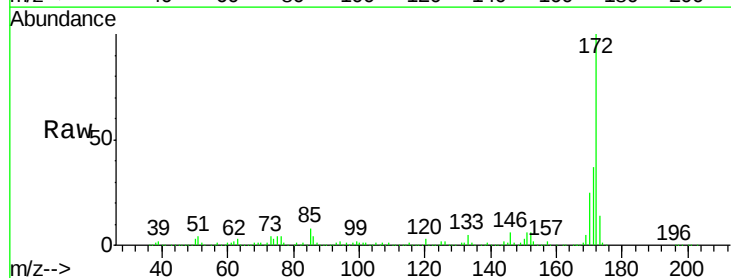


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

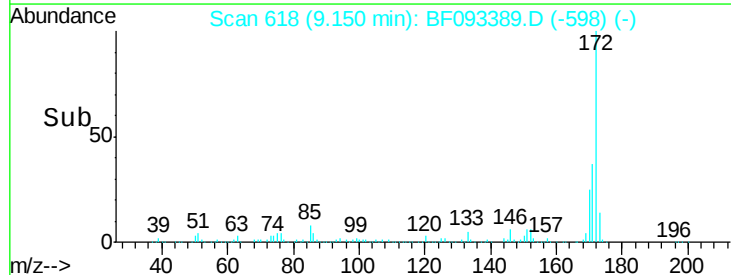
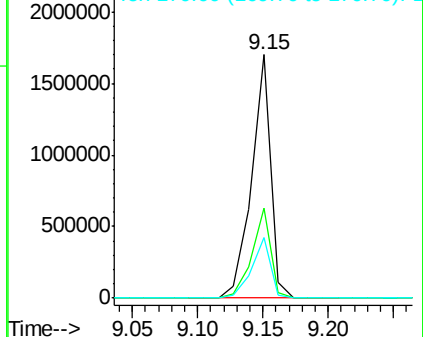


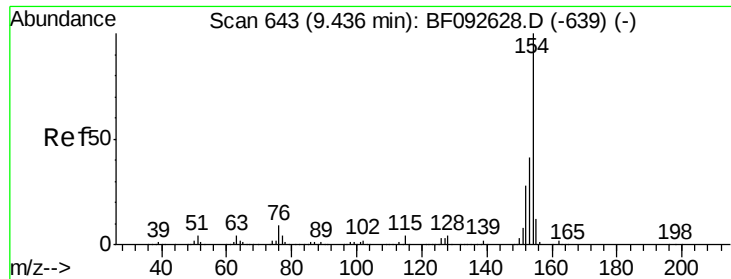
#44
 2-Fluorobiphenyl
 Concen: 98.04 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion:172 Resp: 1724743
 Ion Ratio Lower Upper
 172 100
 171 37.2 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

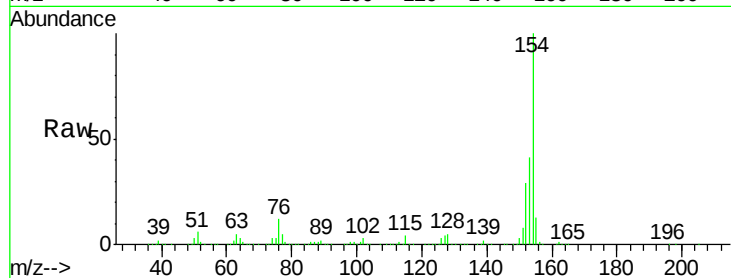




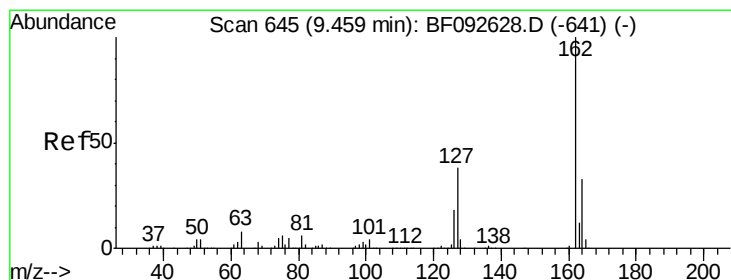
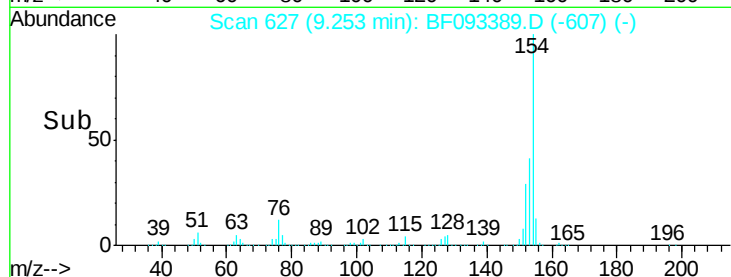
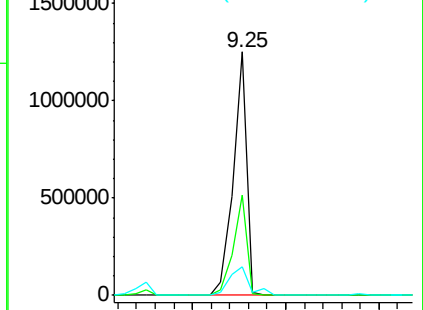
#45
 1,1'-Biphenyl
 Concen: 55.13 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.07 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tgt Ion:154 Resp: 1272312
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.9 60.9
 76 11.8 0.0 30.5

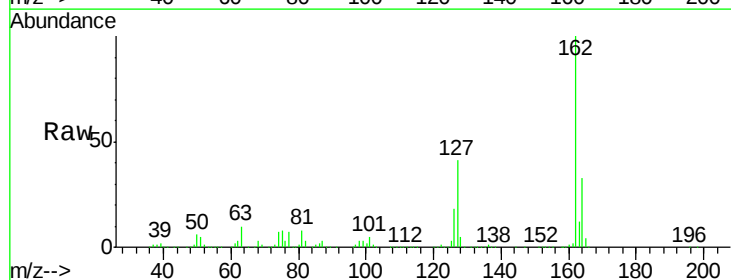


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

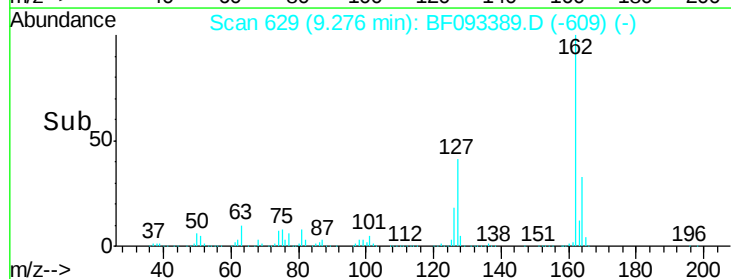
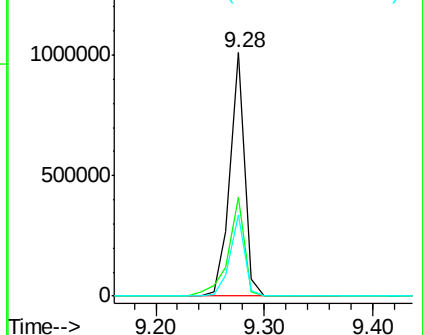


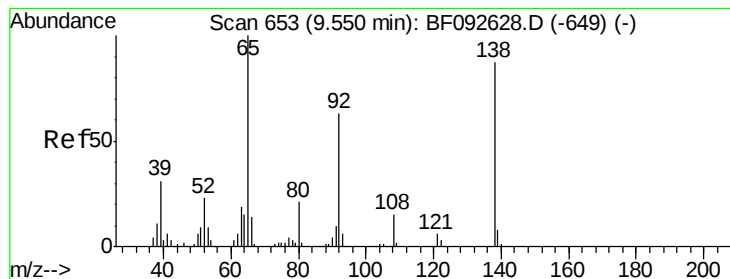
#46
 2-Chloronaphthalene
 Concen: 52.13 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.07 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion:162 Resp: 941219
 Ion Ratio Lower Upper
 162 100
 127 40.7 30.7 46.1
 164 33.4 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: 53.59 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

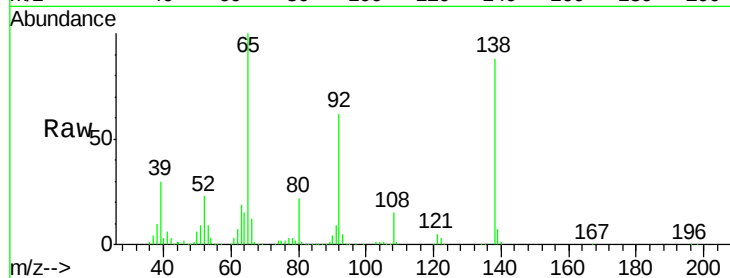
Tgt Ion: 65 Resp: 325274

Ion Ratio Lower Upper

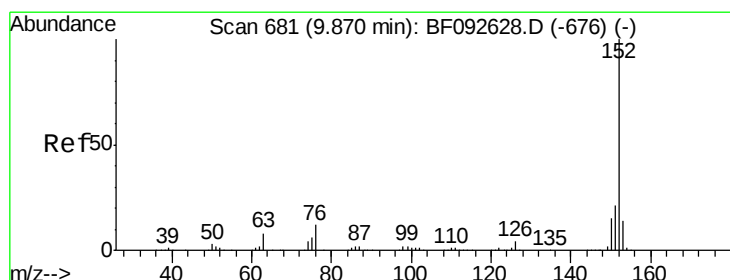
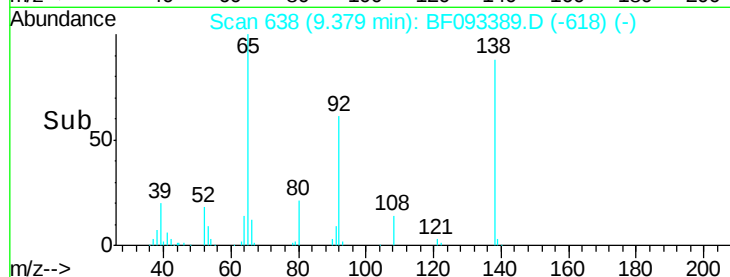
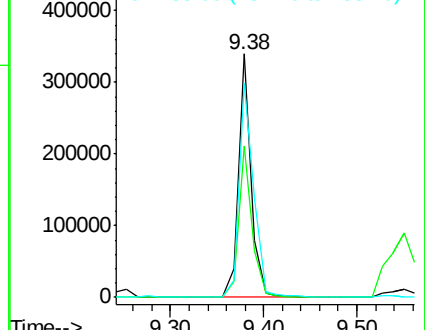
65 100

92 62.2 53.9 80.9

138 87.7 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: 43.95 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

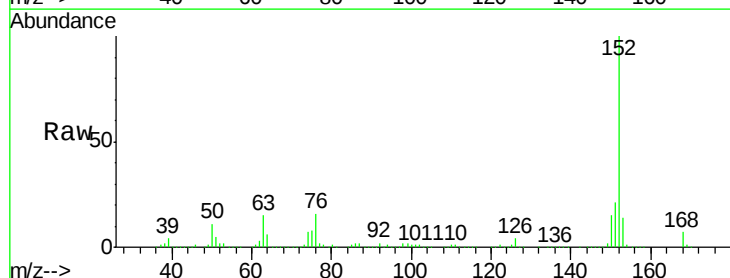
Tgt Ion: 152 Resp: 1370840

Ion Ratio Lower Upper

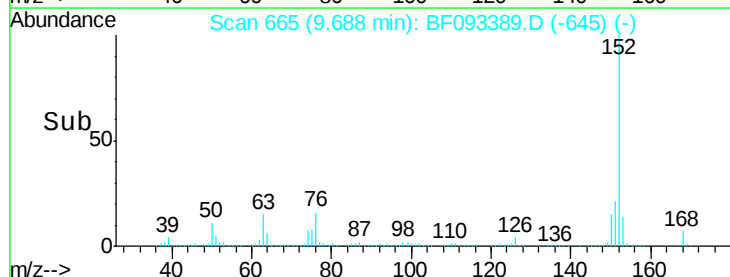
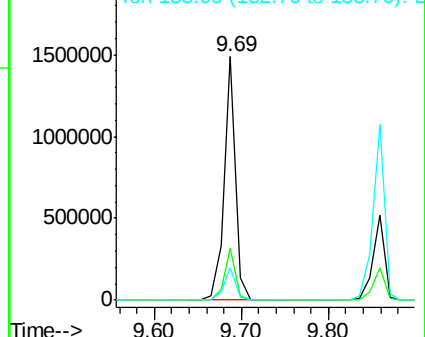
152 100

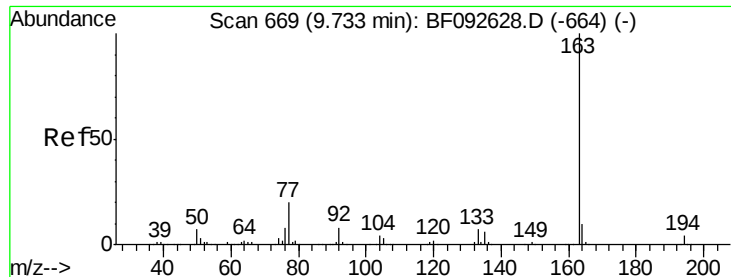
151 21.0 16.9 25.3

153 13.6 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

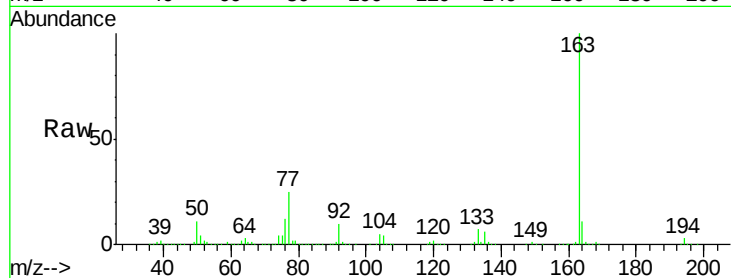




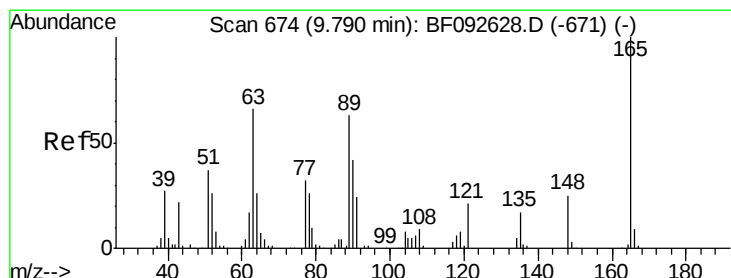
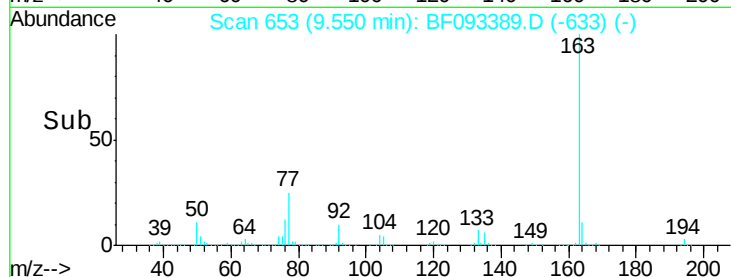
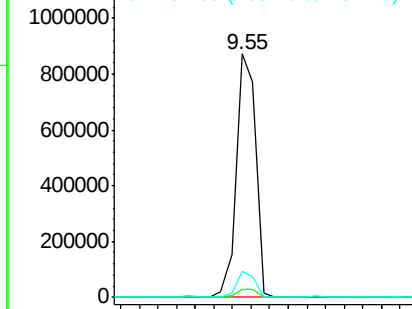
#49
Dimethylphthalate
Concen: 58.70 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.07 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tgt Ion:163 Resp: 1260085
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.9 8.0 12.0

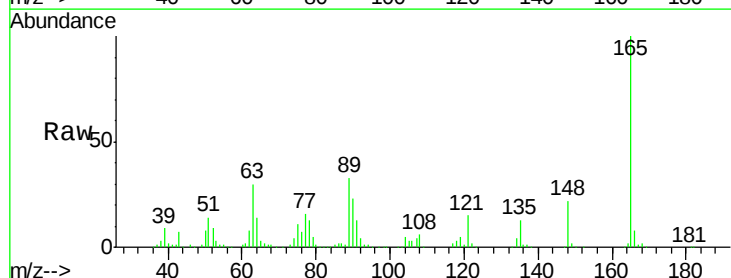


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

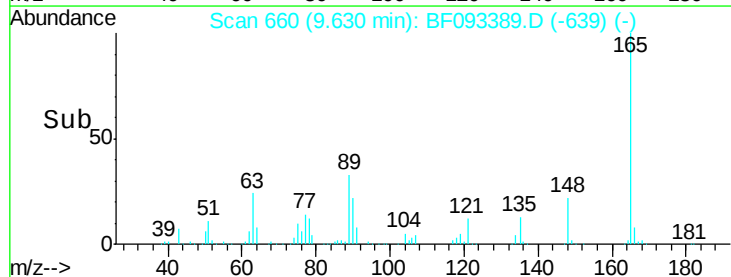
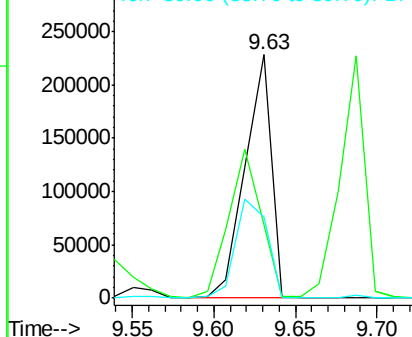


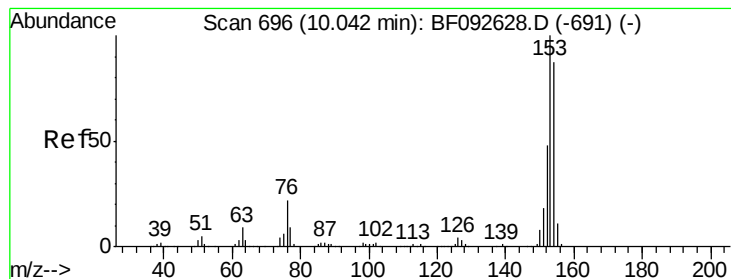
#50
2,6-Dinitrotoluene
Concen: 54.86 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.06 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion:165 Resp: 254355
Ion Ratio Lower Upper
165 100
63 29.9 36.2 54.4#
89 33.1 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: 46.62 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

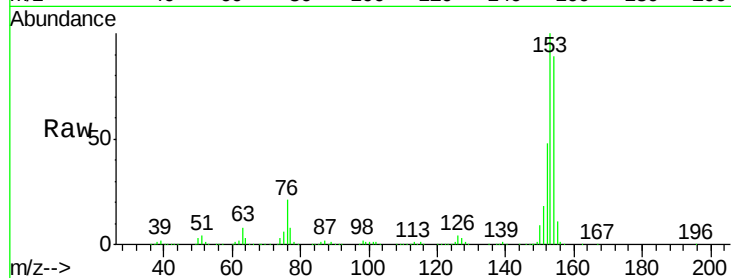
Tgt Ion:154 Resp: 869249

Ion Ratio Lower Upper

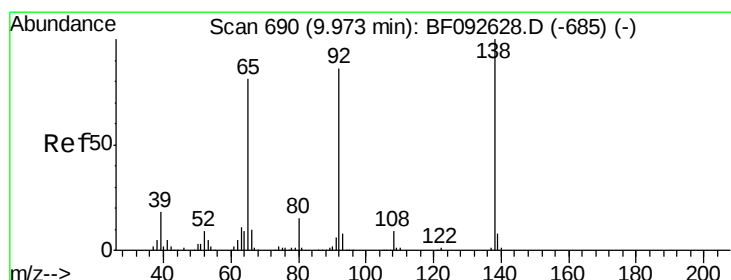
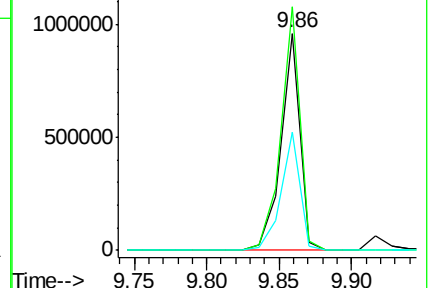
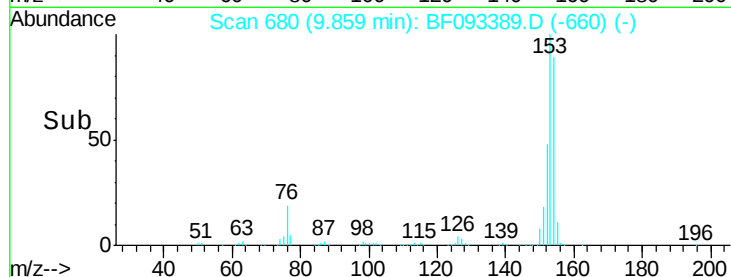
154 100

153 112.3 88.6 133.0

152 54.5 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: 29.18 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

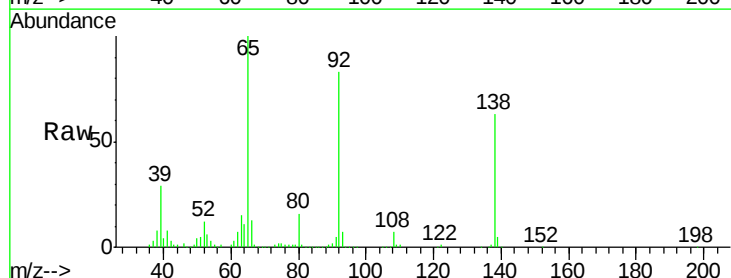
Tgt Ion:138 Resp: 154800

Ion Ratio Lower Upper

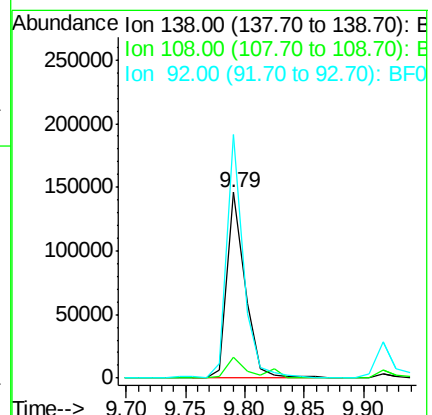
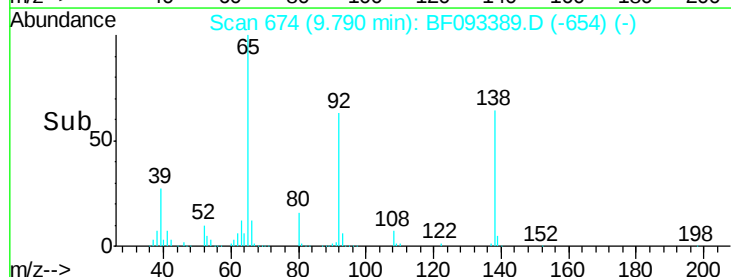
138 100

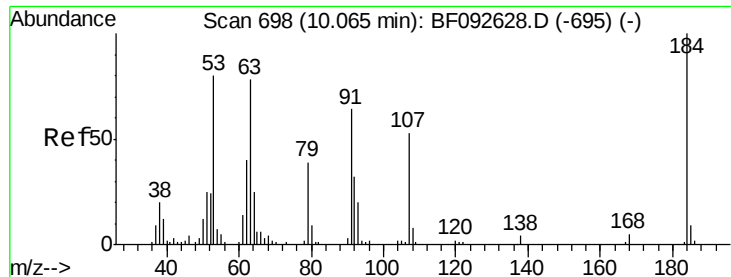
108 11.2 8.5 12.7

92 131.0 97.8 146.8



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

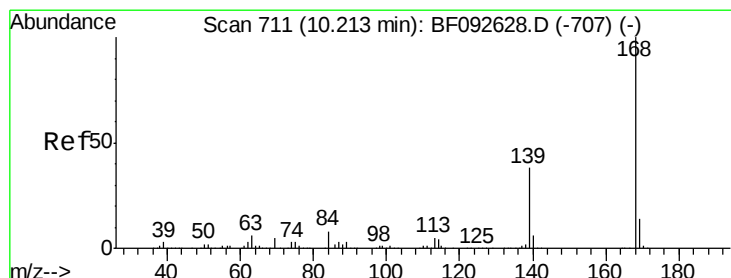
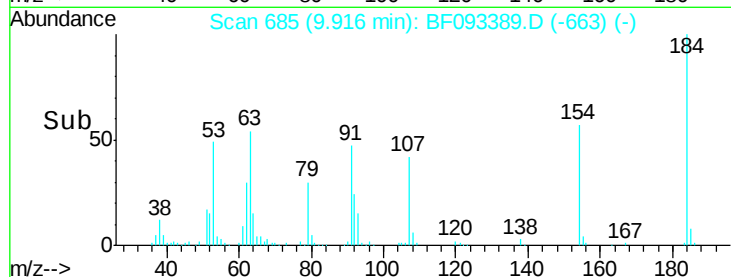
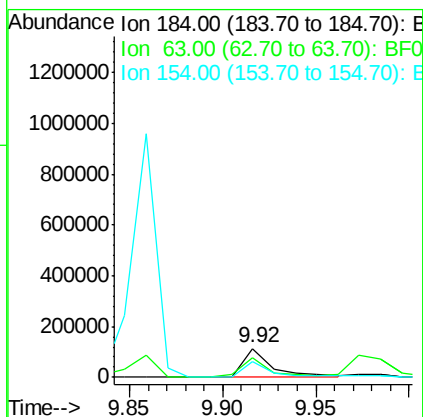
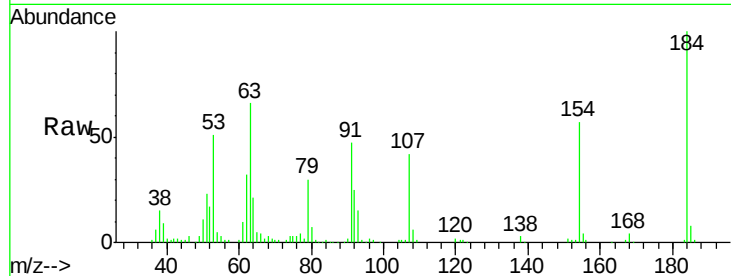




#53
 2,4-Dinitrophenol
 Concen: 54.60 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.05 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

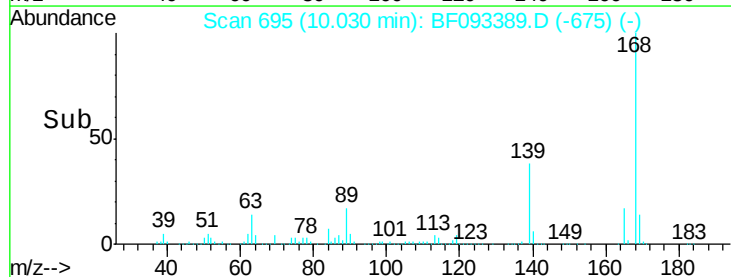
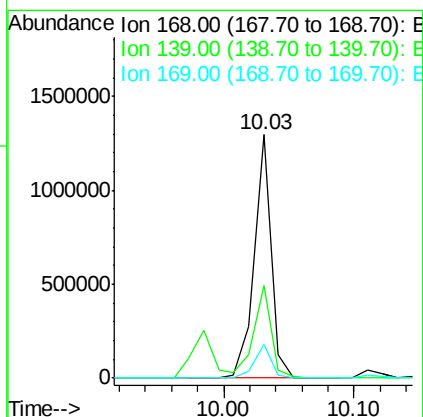
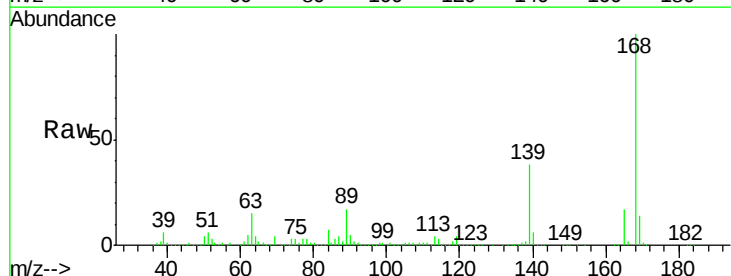
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

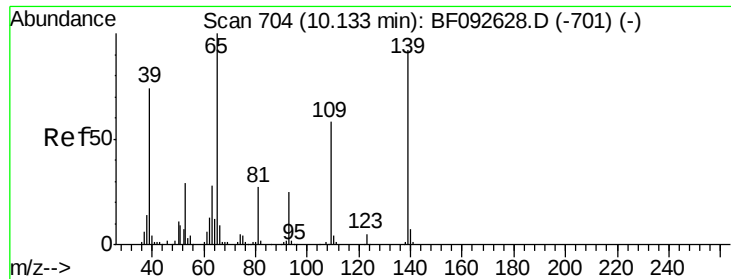
Tgt Ion:184 Resp: 124992
 Ion Ratio Lower Upper
 184 100
 63 66.0 28.4 42.6#
 154 56.9 44.3 66.5



#54
 Dibenzofuran
 Concen: 47.23 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.07 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion:168 Resp: 1178020
 Ion Ratio Lower Upper
 168 100
 139 38.2 32.6 49.0
 169 13.7 11.3 16.9

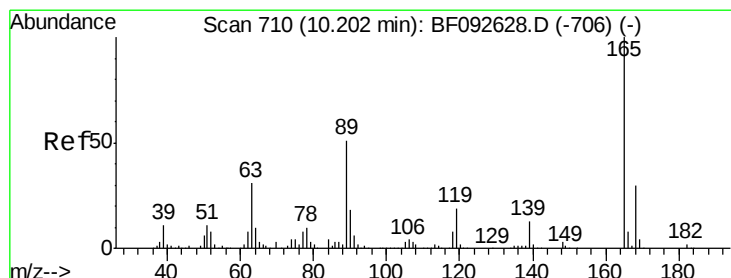
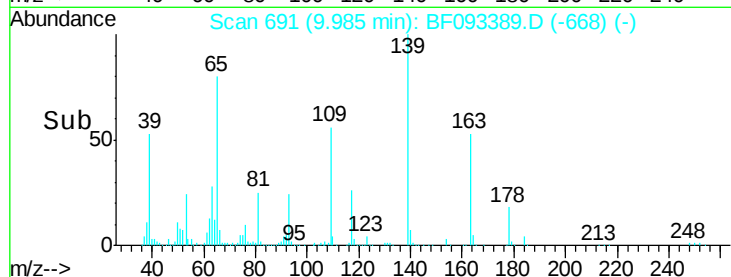
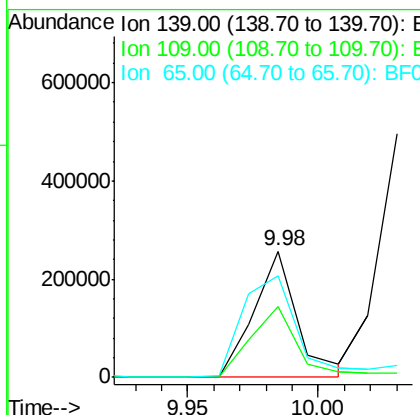
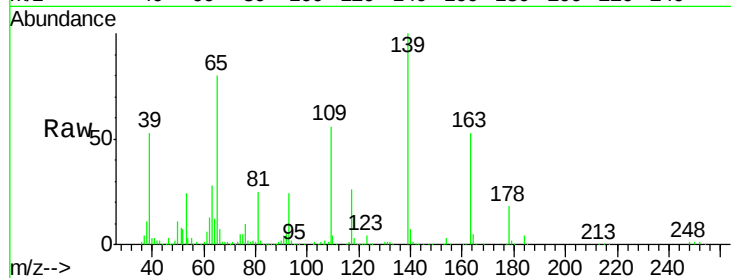




#55
4-Nitrophenol
Concen: 78.32 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.03 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

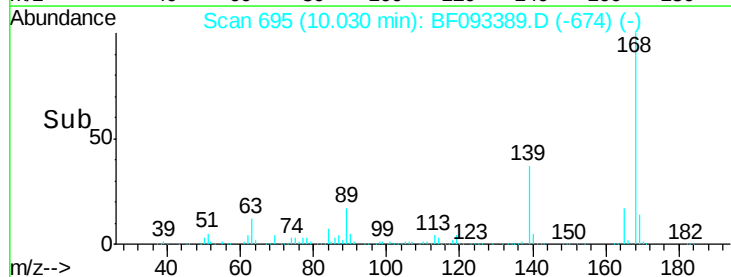
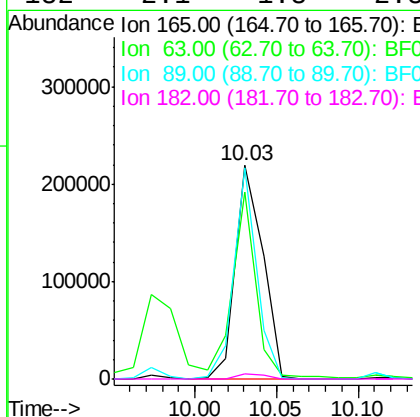
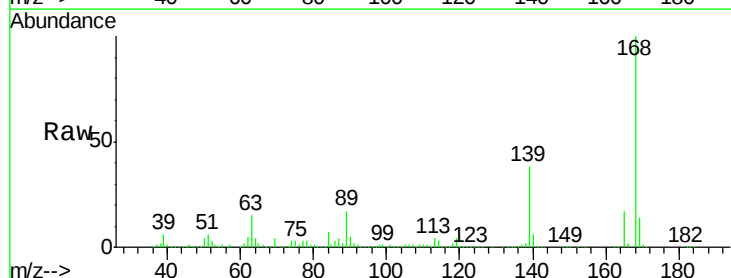
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

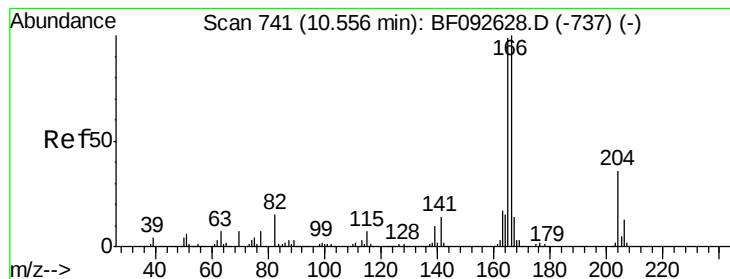
Tgt Ion:139 Resp: 299289
Ion Ratio Lower Upper
139 100
109 55.8 52.2 92.2
65 80.0 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 41.36 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.06 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion:165 Resp: 255255
Ion Ratio Lower Upper
165 100
63 87.4 40.2 60.4#
89 98.9 62.5 93.7#
182 2.1 1.8 2.8





#57

Fluorene

Concen: 48.57 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

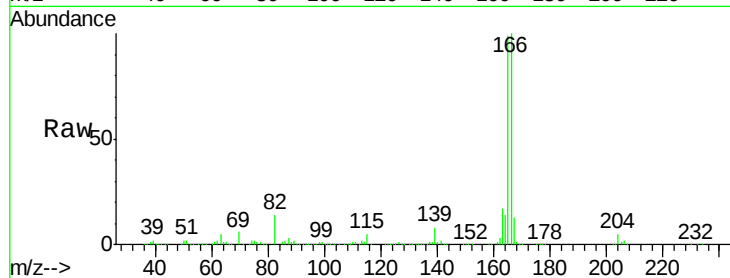
Tgt Ion:166 Resp: 931892

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

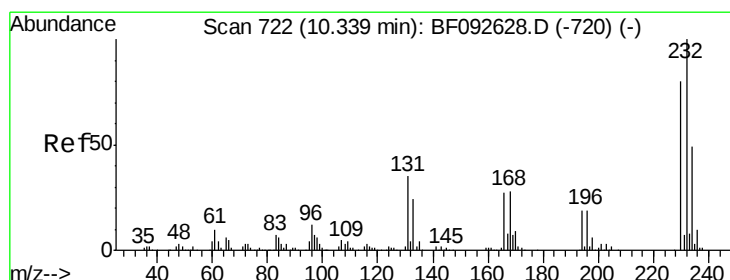
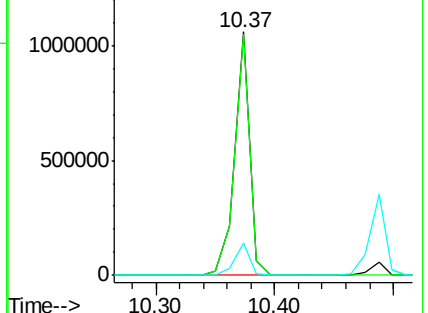
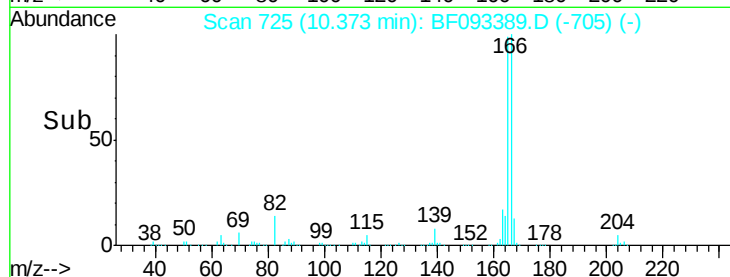
167 13.3 10.8 16.2



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: 55.38 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Tgt Ion:232 Resp: 237961

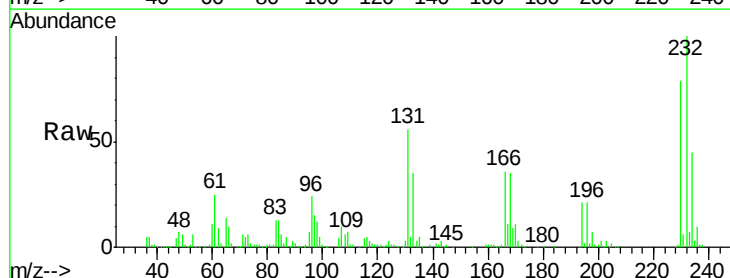
Ion Ratio Lower Upper

232 100

131 46.9 40.1 60.1

130 2.1 1.8 2.8

166 31.4 26.6 39.8

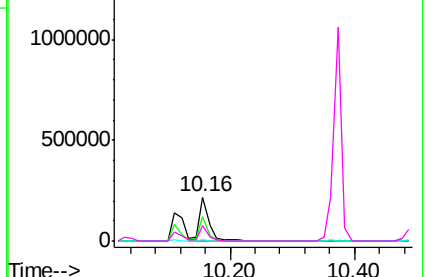
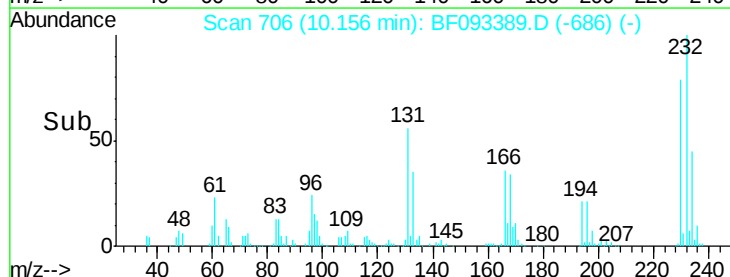


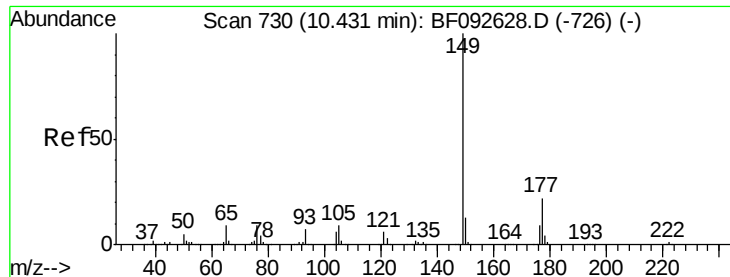
Abundance Ion 232.00 (231.70 to 232.70): E

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

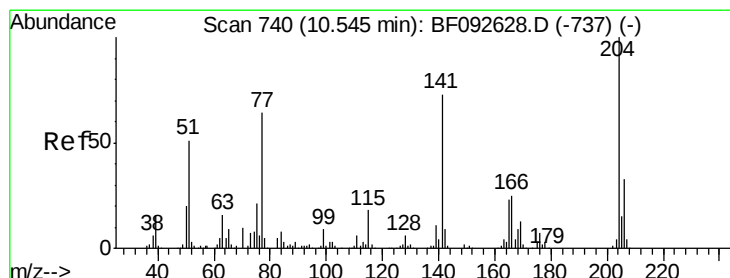
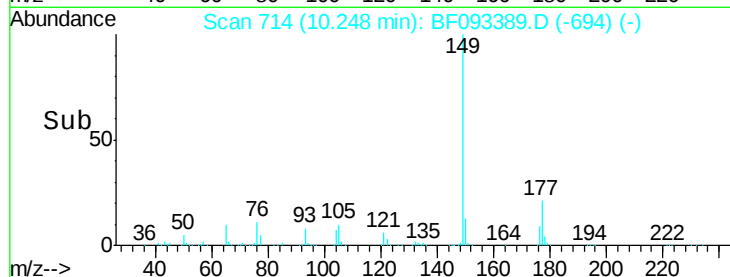
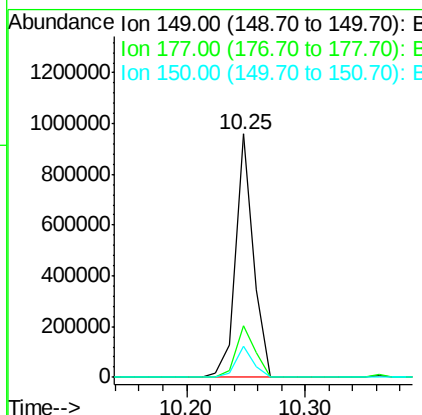
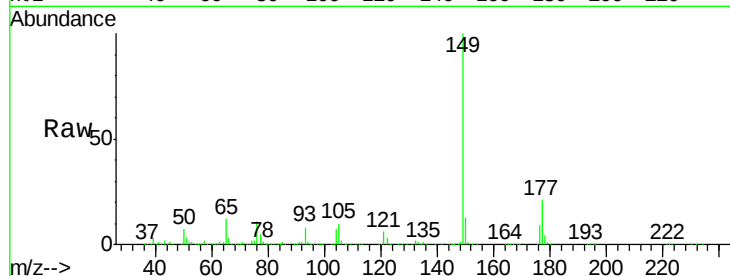




#59
Diethylphthalate
Concen: 49.21 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.07 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

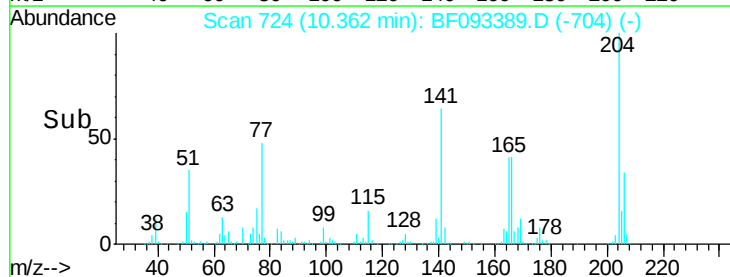
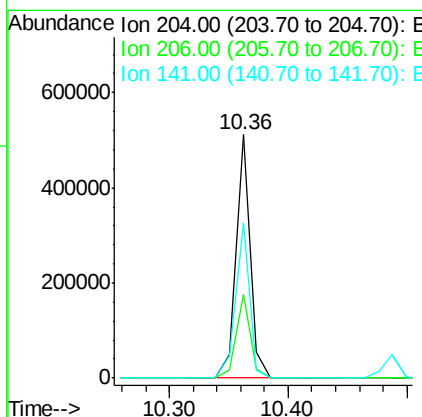
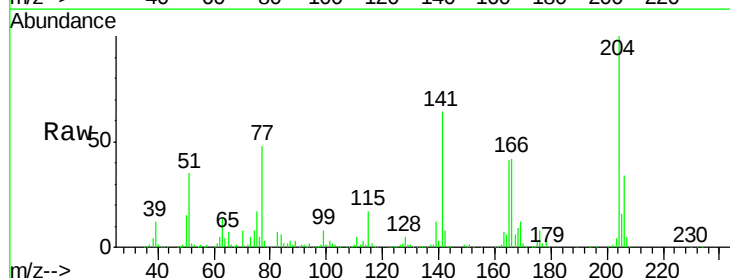
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

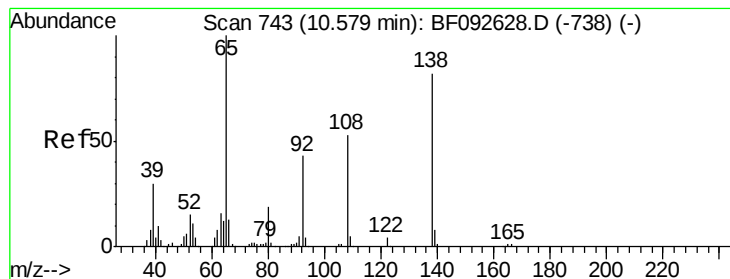
Tgt Ion:149 Resp: 995527
Ion Ratio Lower Upper
149 100
177 21.2 16.6 25.0
150 12.9 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 45.93 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.07 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion:204 Resp: 423388
Ion Ratio Lower Upper
204 100
206 34.3 25.8 38.6
141 63.9 59.4 89.0





#61

4-Nitroaniline

Concen: 40.18 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.06 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

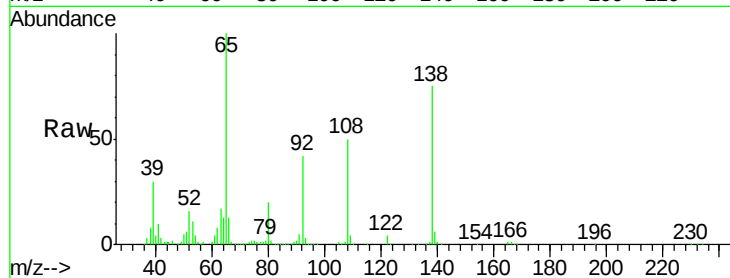
Tgt Ion:138 Resp: 218348

Ion Ratio Lower Upper

138 100

92 55.7 31.7 71.7

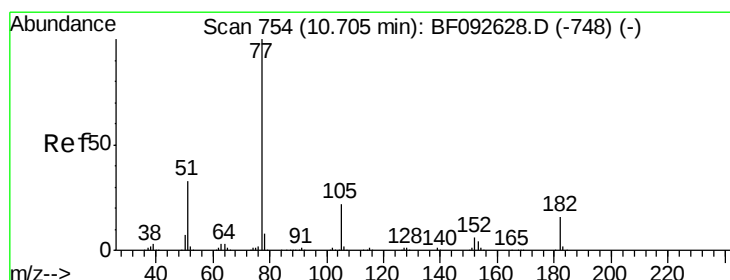
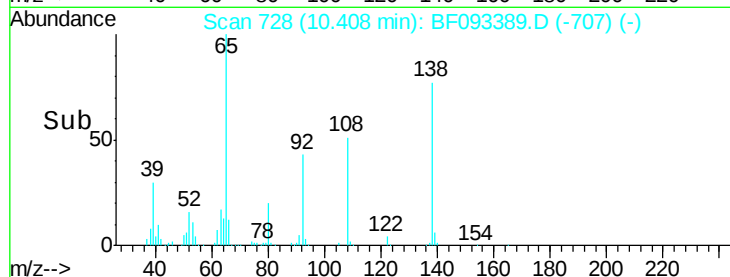
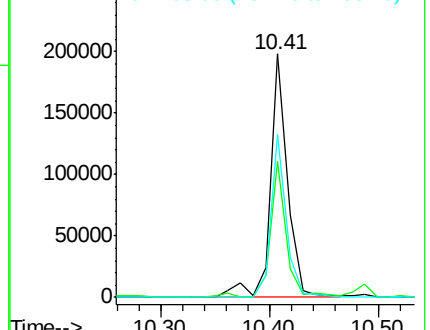
108 66.8 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 58.25 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Tgt Ion: 77 Resp: 1217565

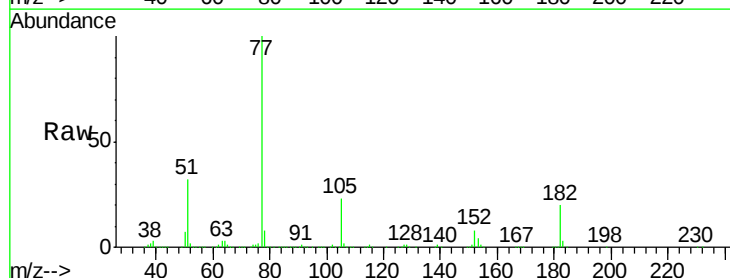
Ion Ratio Lower Upper

77 100

182 20.0 0.0 39.3

105 22.8 2.3 42.3

51 32.0 8.9 48.9

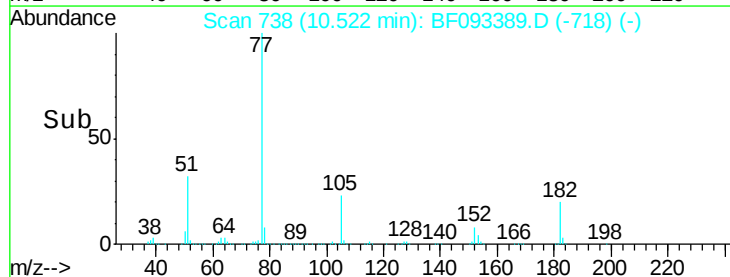
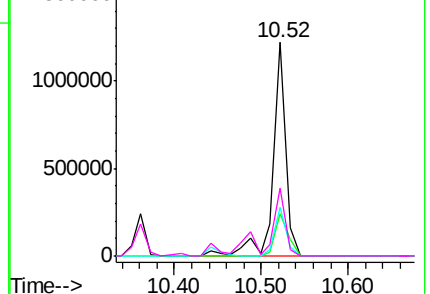


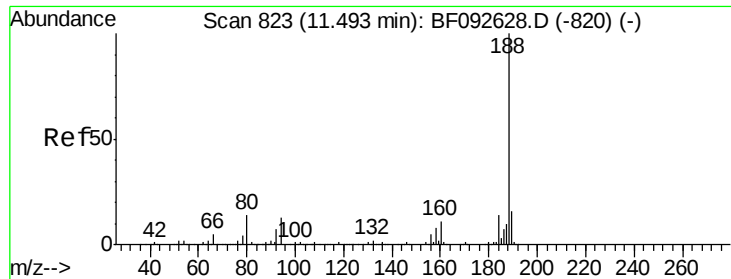
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

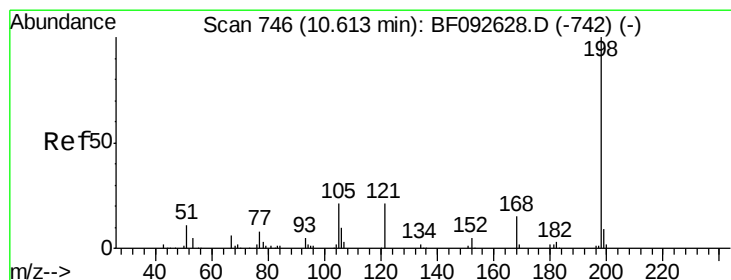
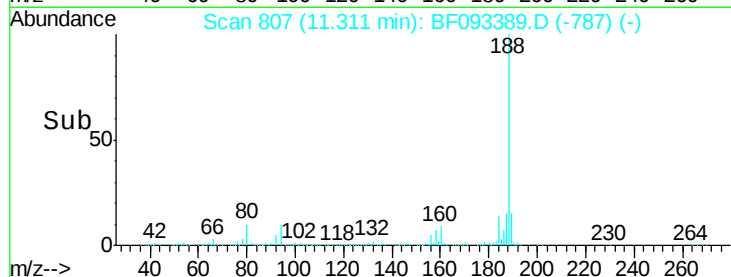
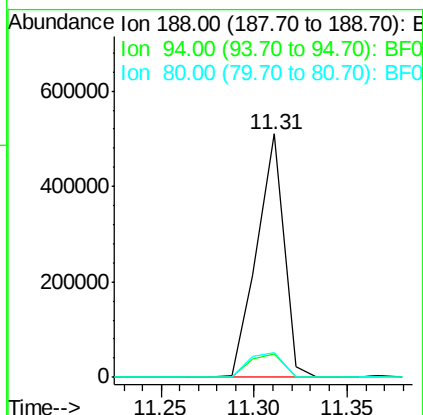
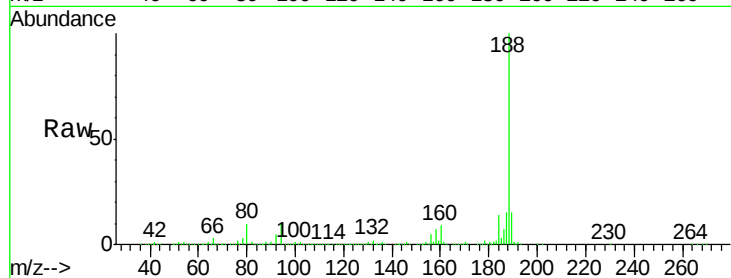




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.07 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

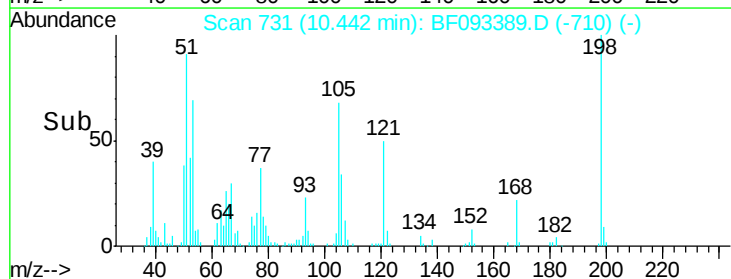
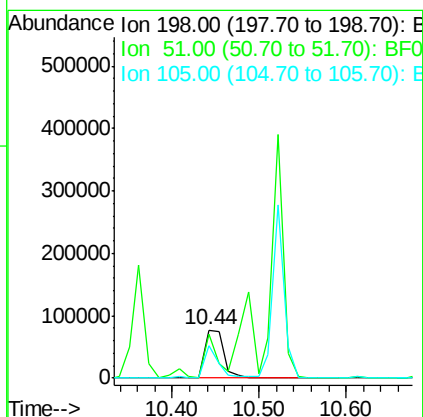
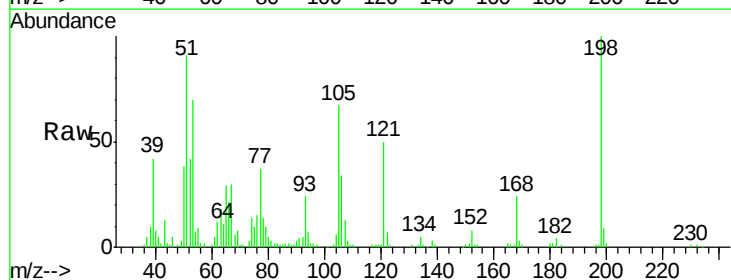
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

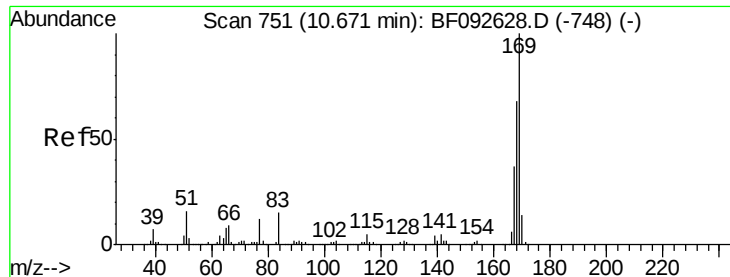
Tgt Ion:188 Resp: 515476
Ion Ratio Lower Upper
188 100
94 9.7 10.0 15.0#
80 10.1 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 38.83 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion:198 Resp: 120134
Ion Ratio Lower Upper
198 100
51 91.0 6.7 46.7#
105 67.5 16.6 56.6#

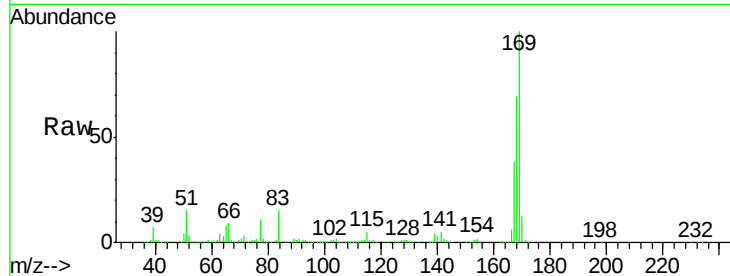




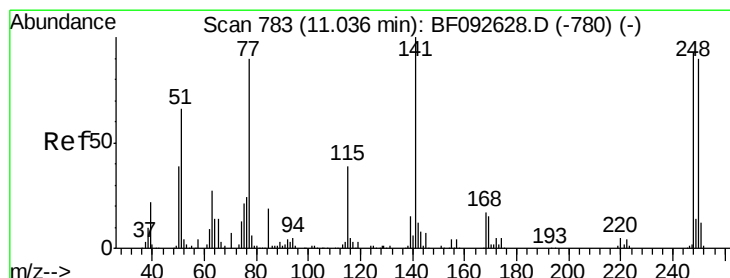
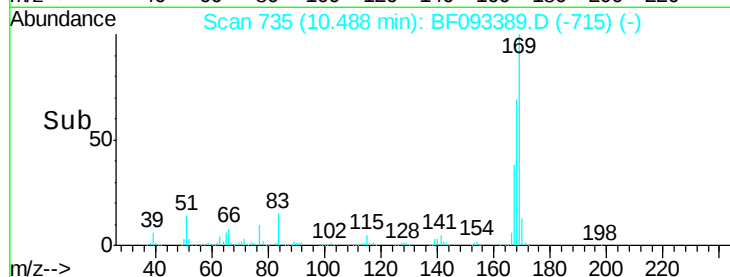
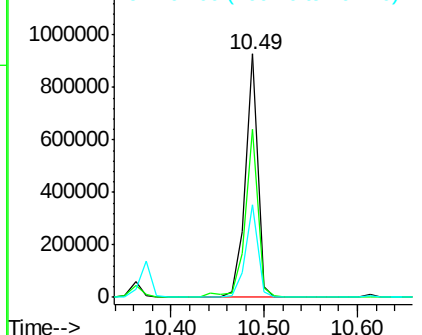
#65
n-Nitrosodiphenylamine
Concen: 52.04 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.07 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tgt Ion:169 Resp: 856889
Ion Ratio Lower Upper
169 100
168 68.8 54.2 81.2
167 38.0 30.2 45.4

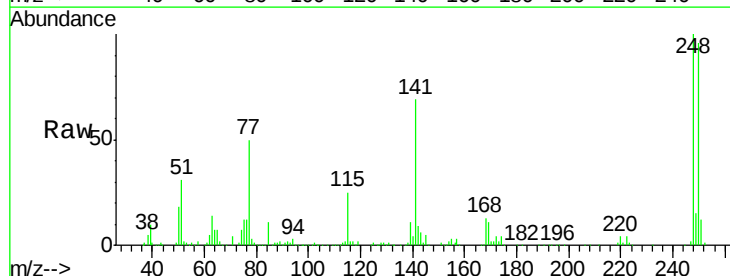


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

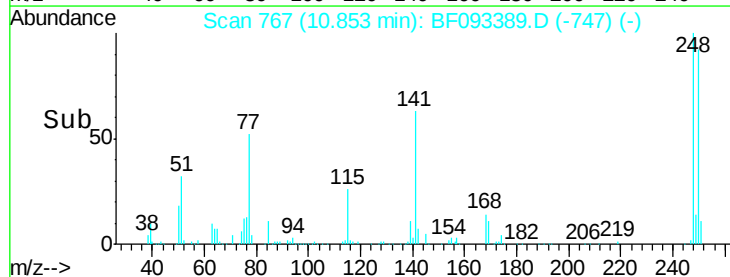
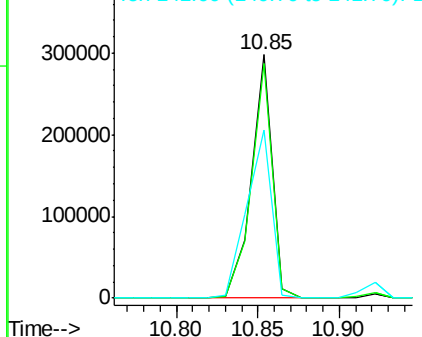


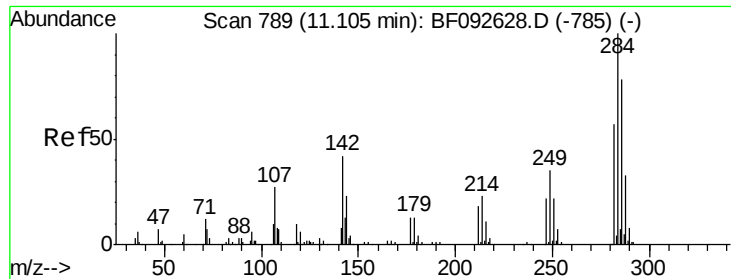
#66
4-Bromophenyl-phenylether
Concen: 48.99 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.07 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion:248 Resp: 263849
Ion Ratio Lower Upper
248 100
250 96.2 76.9 115.3
141 69.3 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

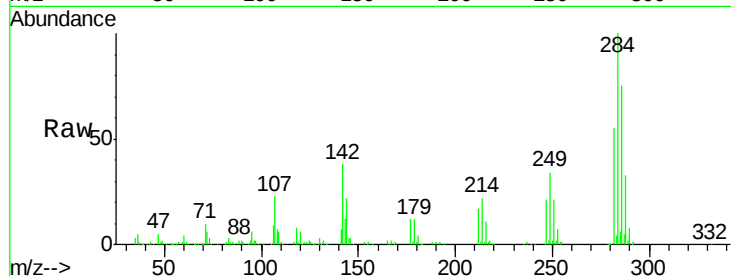




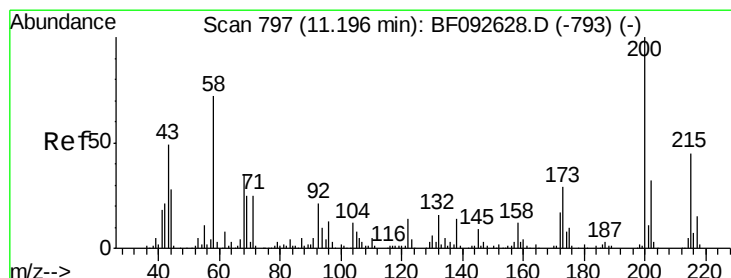
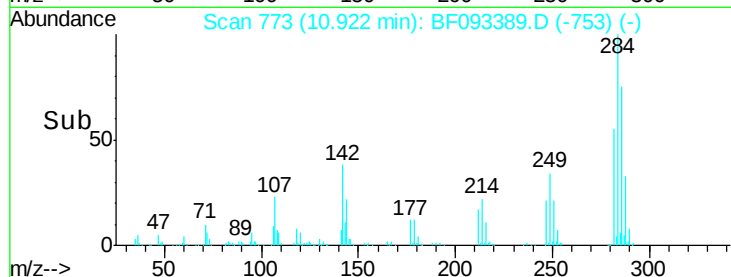
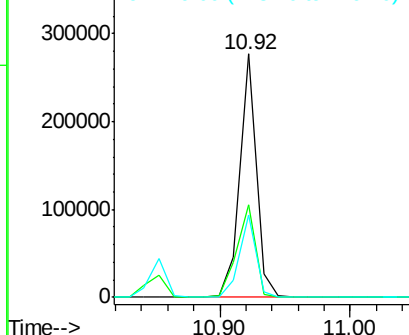
#67
Hexachlorobenzene
Concen: 45.44 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.07 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tgt Ion:284 Resp: 241838
Ion Ratio Lower Upper
284 100
142 38.2 22.6 33.8#
249 33.7 25.4 38.0

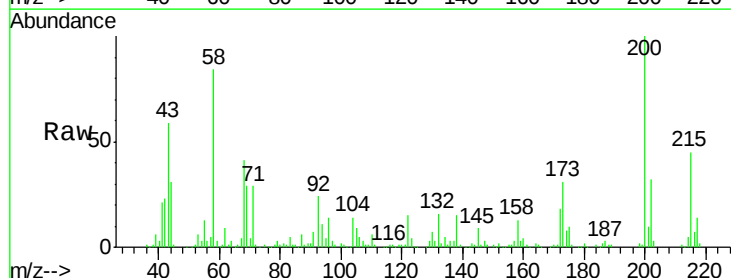


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

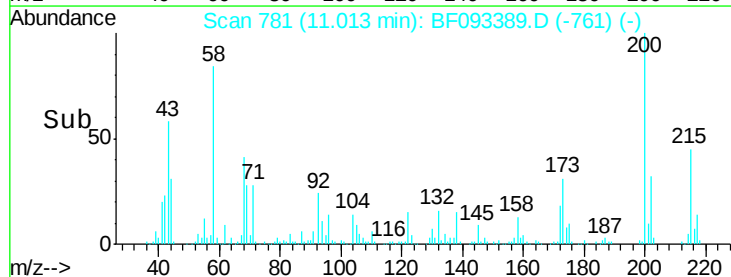
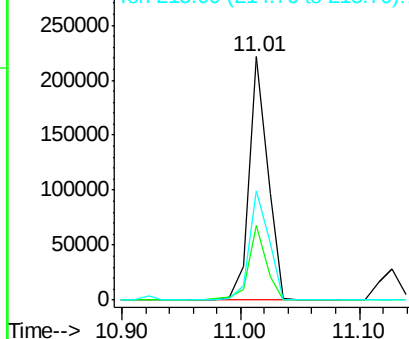


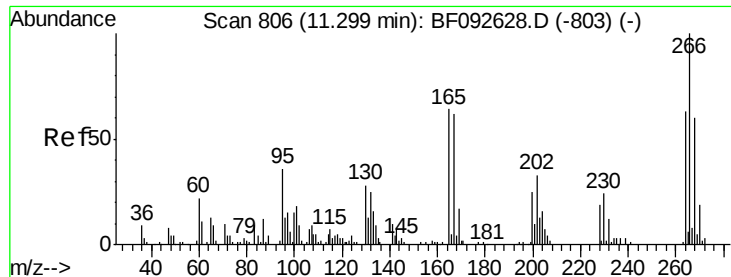
#68
Atrazine
Concen: 46.04 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.07 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion:200 Resp: 243284
Ion Ratio Lower Upper
200 100
173 30.7 9.6 49.6
215 44.9 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

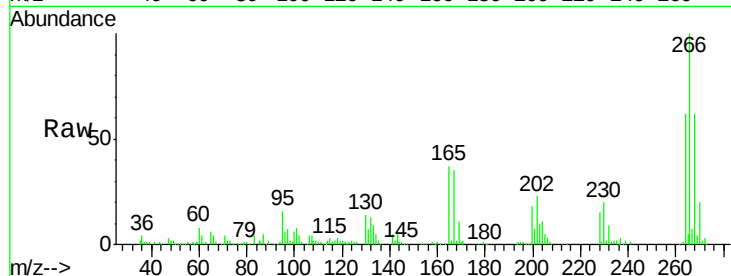




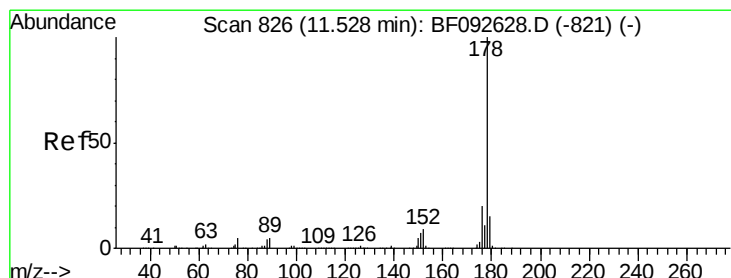
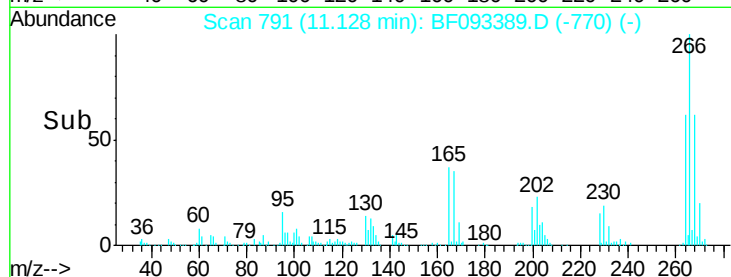
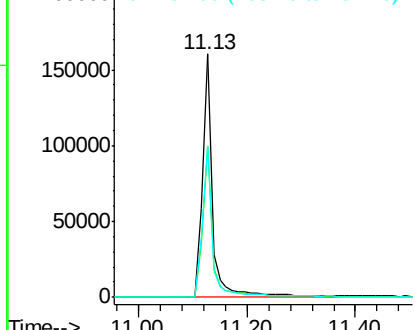
#69
 Pentachlorophenol
 Concen: 75.90 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.06 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tgt Ion: 266 Resp: 207410
 Ion Ratio Lower Upper
 266 100
 268 62.3 53.3 79.9
 264 62.1 50.3 75.5

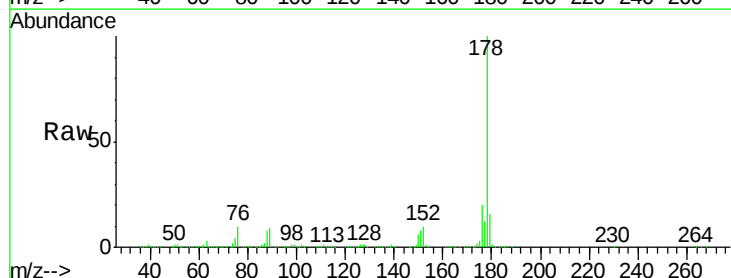


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

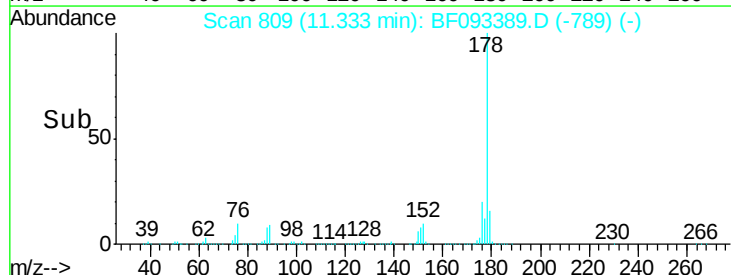
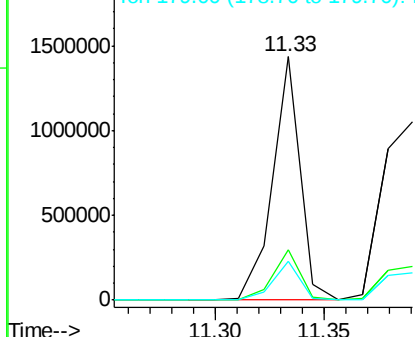


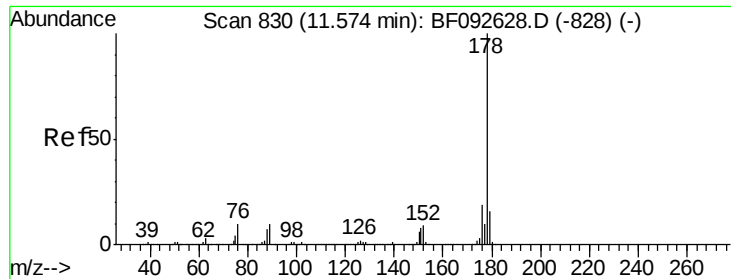
#70
 Phenanthrene
 Concen: 43.13 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion: 178 Resp: 1273790
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 25.0
 179 15.7 12.8 19.2



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

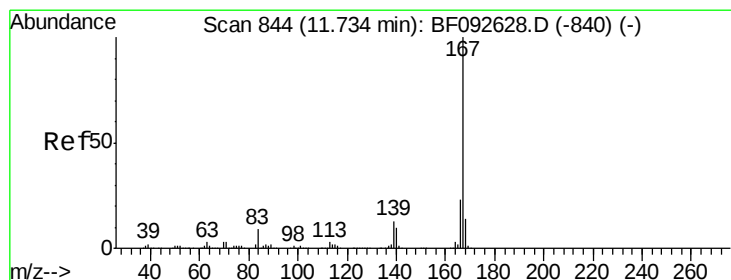
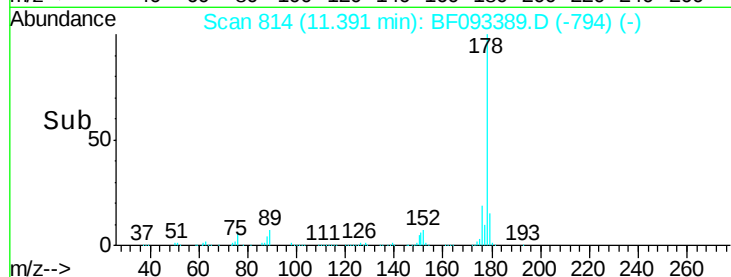
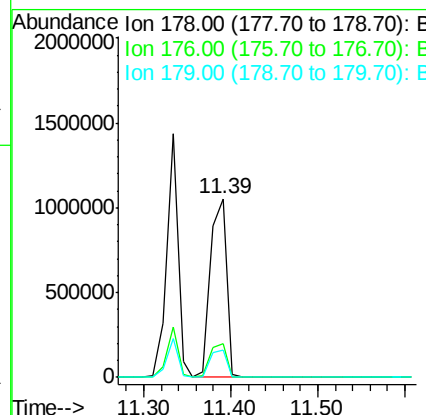
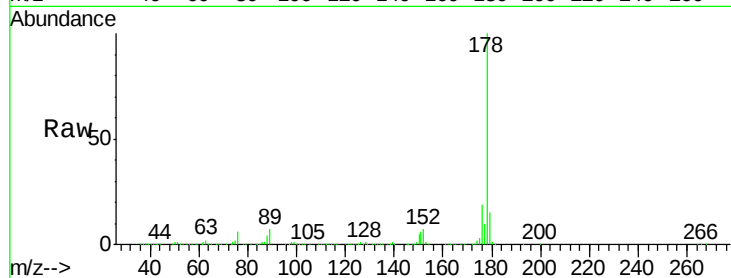




#71
 Anthracene
 Concen: 46.58 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.07 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

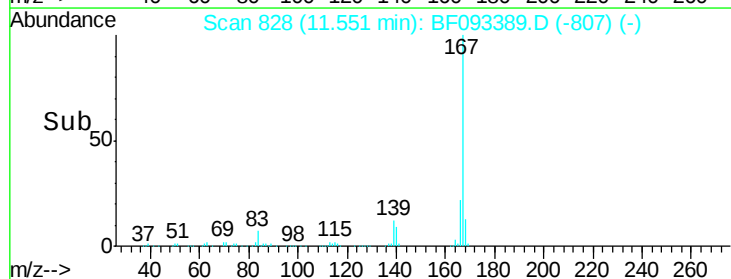
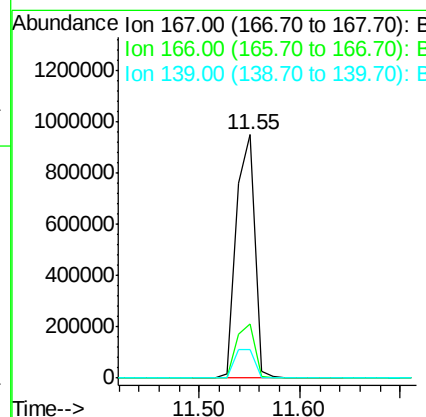
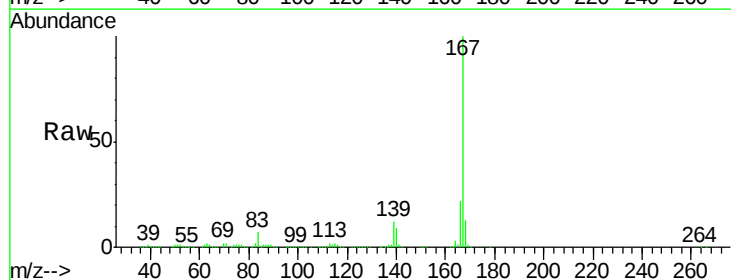
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tgt Ion:178 Resp: 1381583
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 15.2 13.2 19.8



#72
 Carbazole
 Concen: 42.79 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.06 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion:167 Resp: 1213151
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 11.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 52.89 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

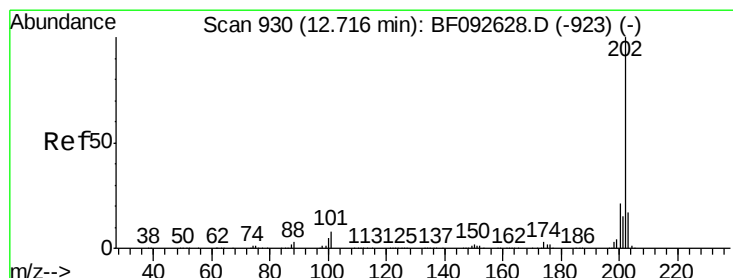
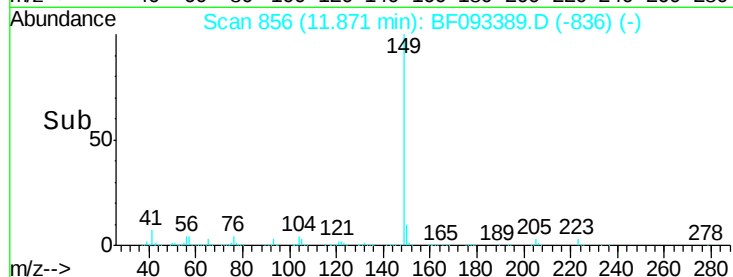
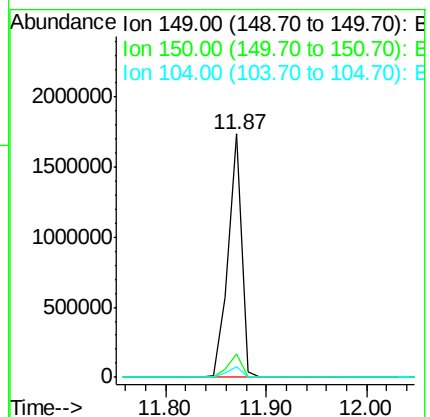
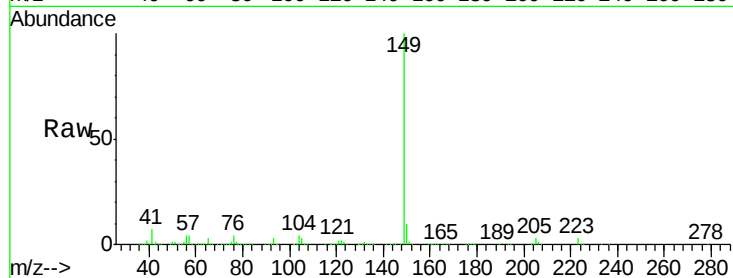
Tgt Ion:149 Resp: 1621572

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

104 4.3 4.6 7.0#



#74

Fluoranthene

Concen: 39.52 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

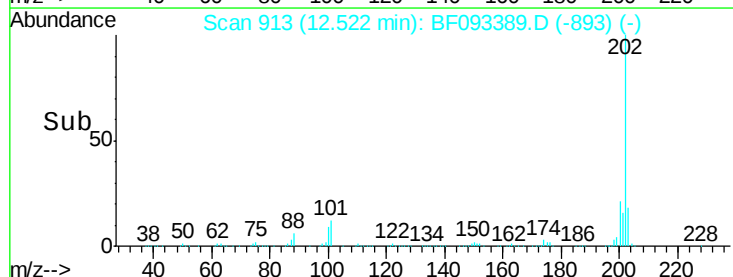
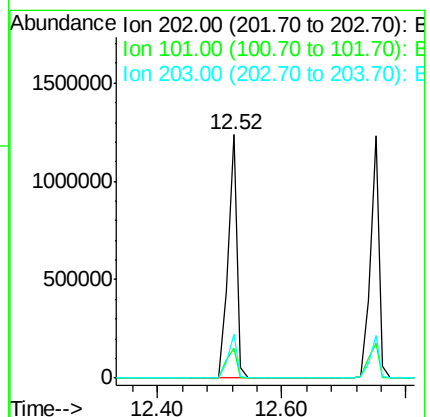
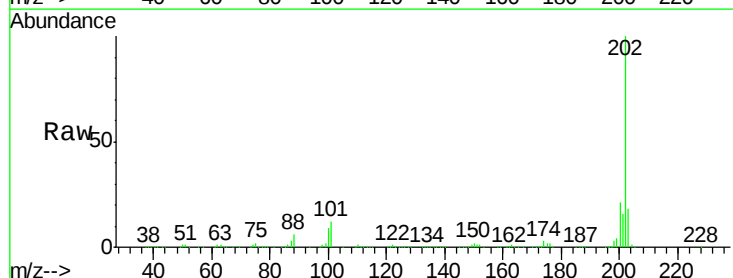
Tgt Ion:202 Resp: 1203991

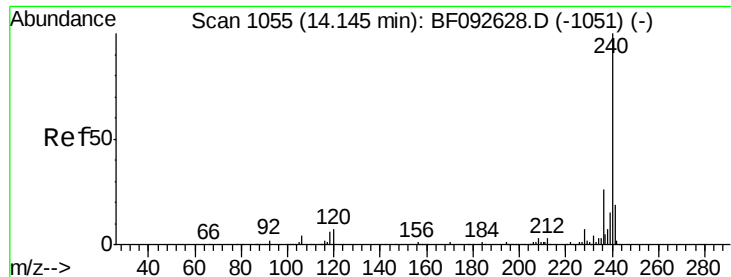
Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.6

203 17.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

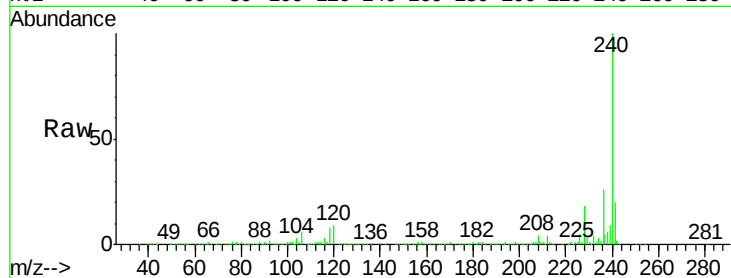
Tgt Ion:240 Resp: 335114

Ion Ratio Lower Upper

240 100

120 9.4 12.9 19.3#

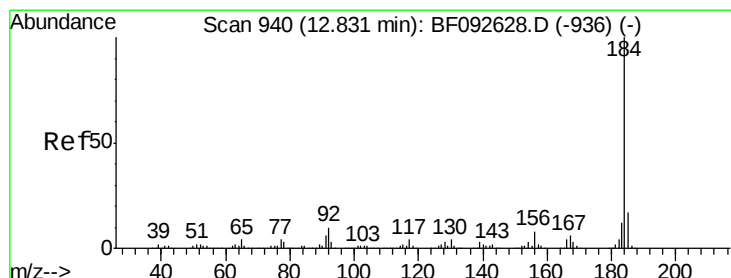
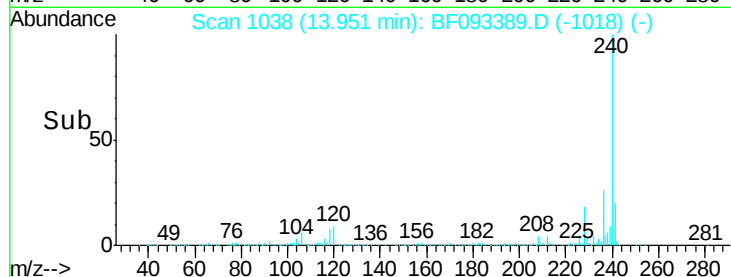
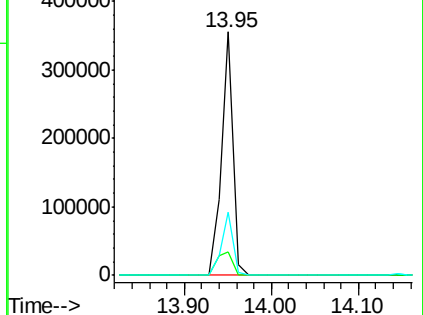
236 26.0 20.9 31.3



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: 29.68 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

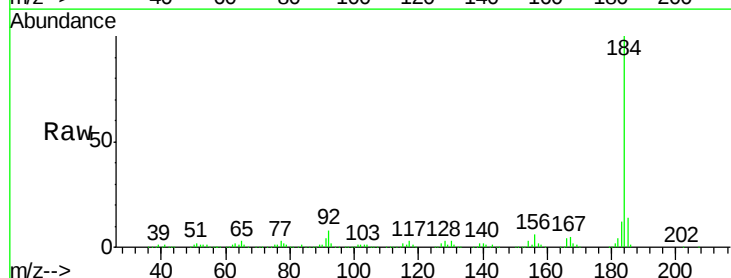
Tgt Ion:184 Resp: 423768

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

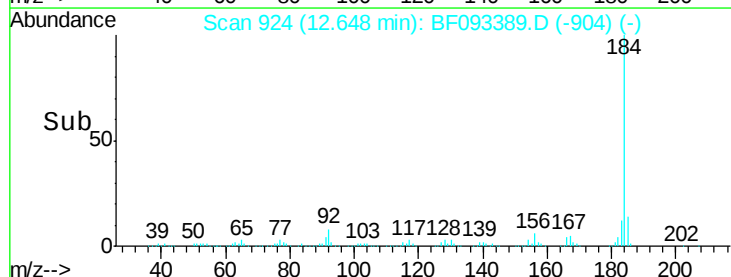
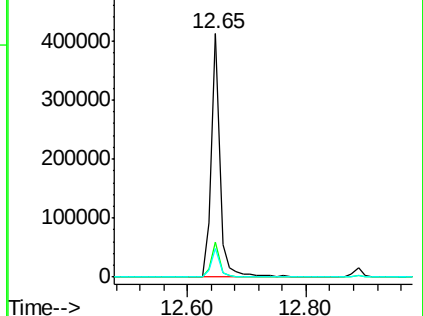
183 11.6 9.2 13.8

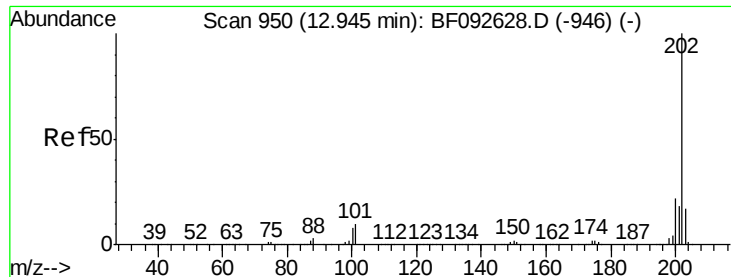


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



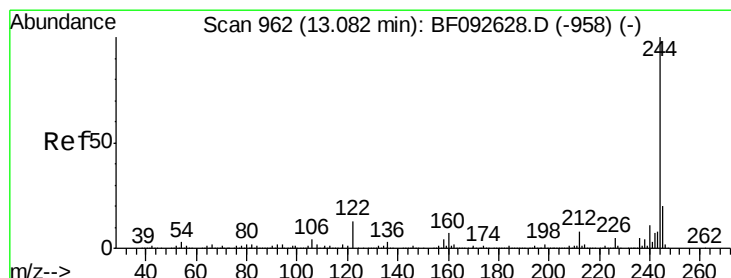
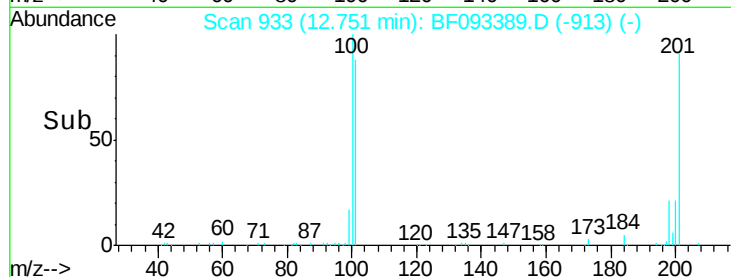
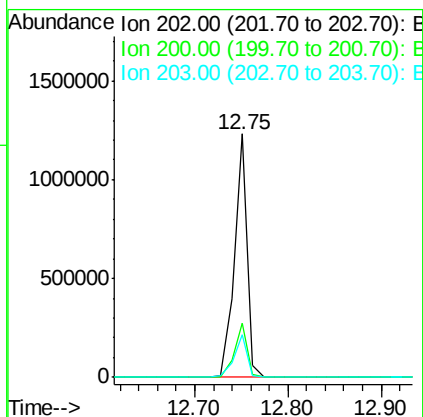
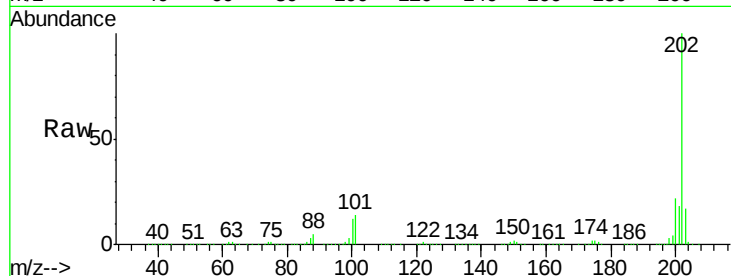


#77
 Pyrene
 Concen: 46.75 ng
 RT: 12.75 min Scan# 933
 Delta R.T. -0.07 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tgt Ion: 202 Resp: 1172541

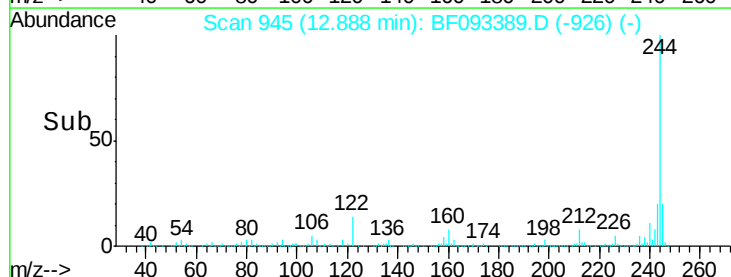
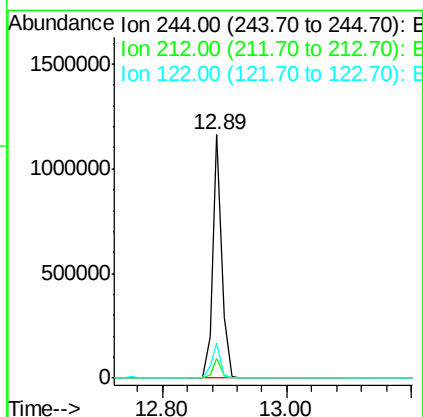
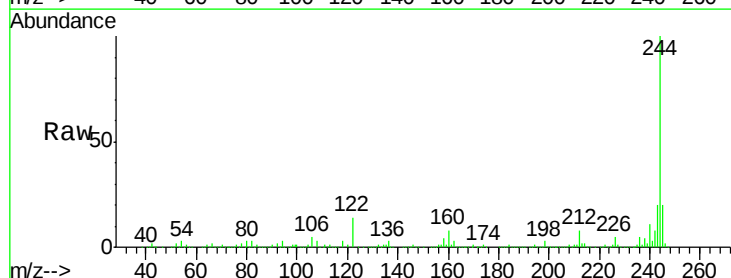
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.4	14.7	22.1



#78
 Terphenyl-d14
 Concen: 80.29 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.08 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion: 244 Resp: 1145089

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.2	11.4	17.2





#79

Butylbenzylphthalate

Concen: 56.29 ng

RT: 13.37 min Scan# 987

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

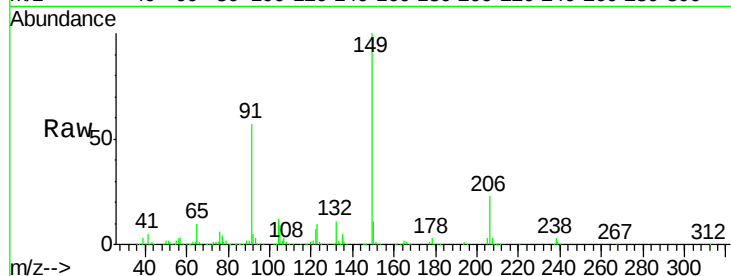
Tgt Ion:149 Resp: 573266

Ion Ratio Lower Upper

149 100

91 56.7 63.9 95.9#

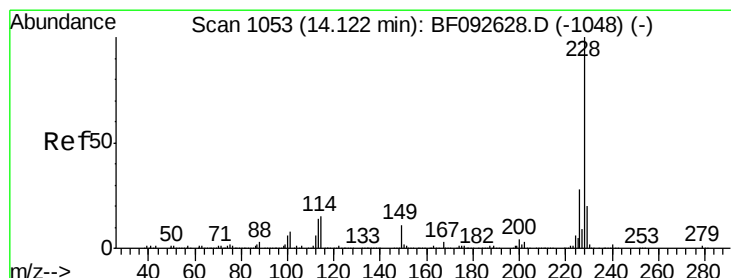
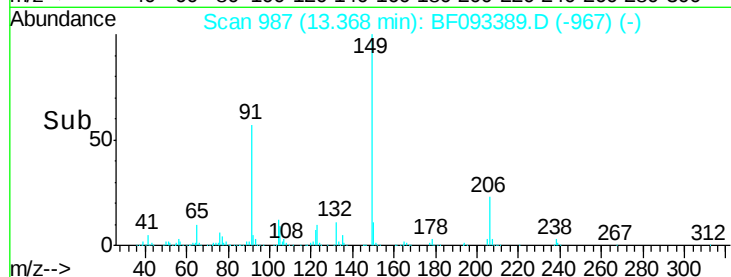
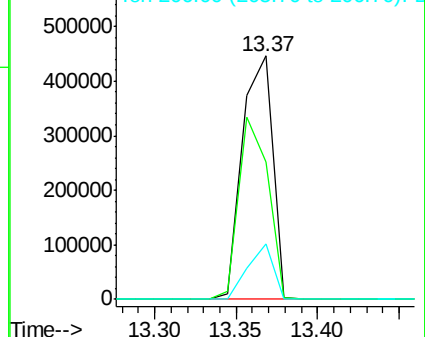
206 22.5 14.6 21.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.92 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

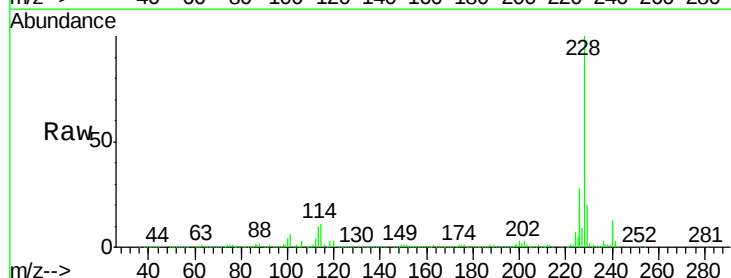
Tgt Ion:228 Resp: 900135

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

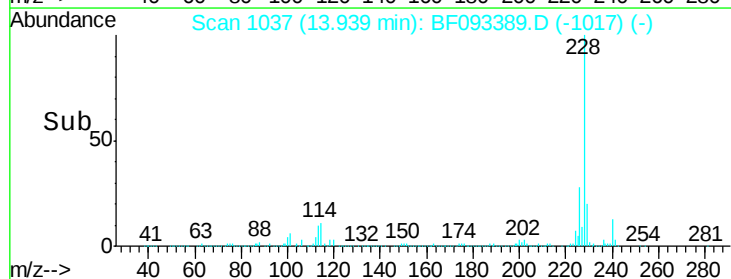
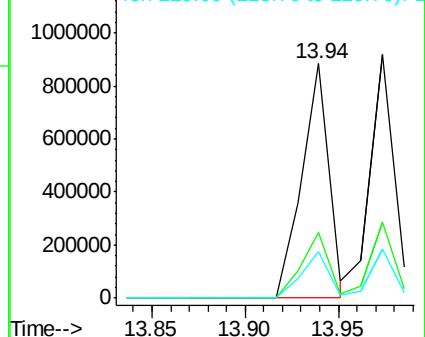
229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

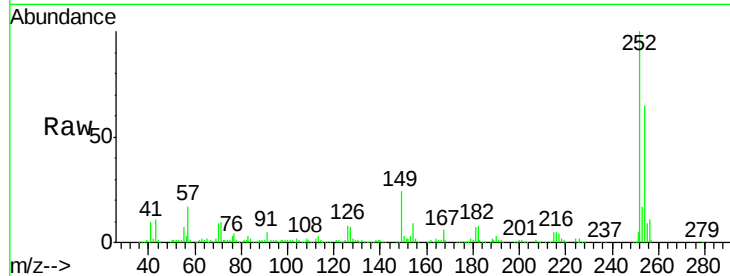




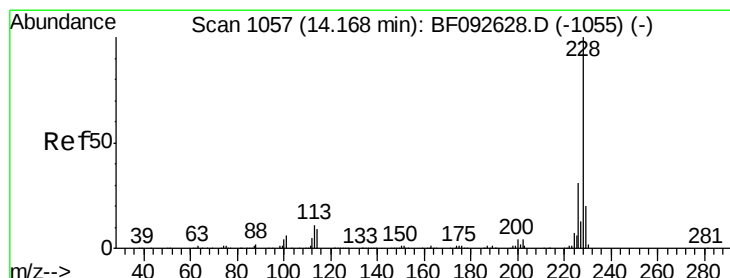
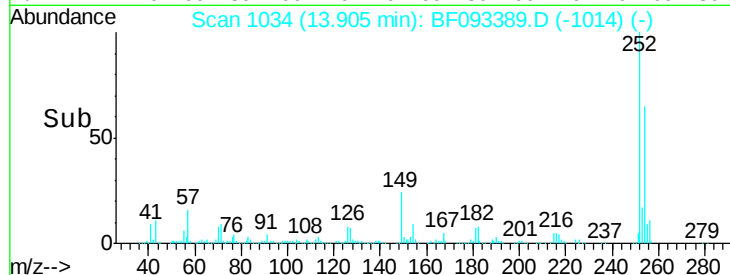
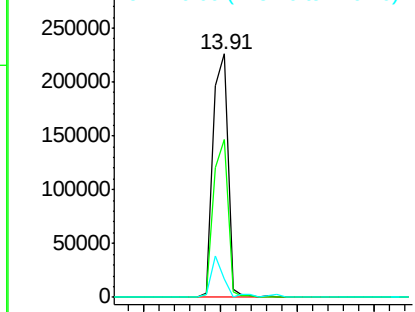
#81
 3,3'-Dichlorobenzidine
 Concen: 41.50 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.07 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tgt Ion:252 Resp: 303220
 Ion Ratio Lower Upper
 252 100
 254 65.1 52.3 78.5
 126 7.6 13.6 20.4#

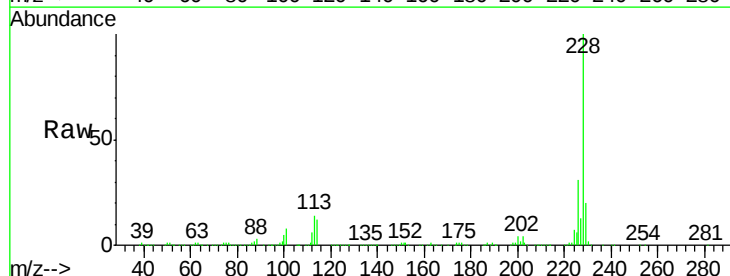


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

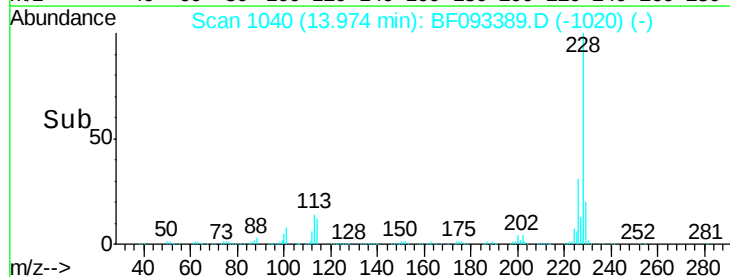
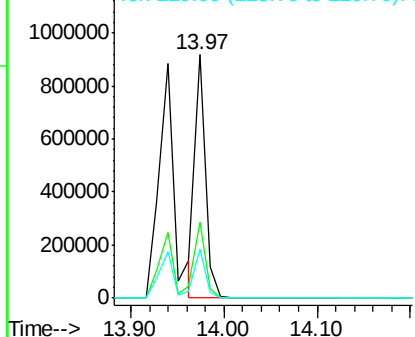


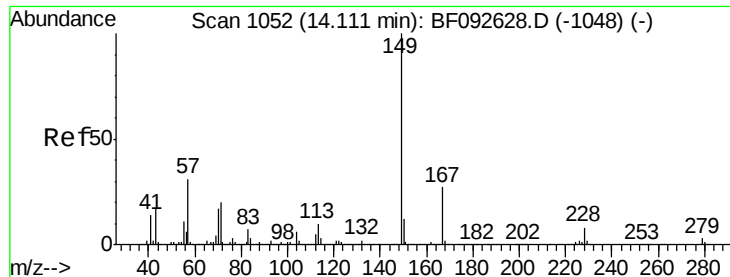
#82
 Chrysene
 Concen: 37.78 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.07 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion:228 Resp: 724962
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 19.9 16.2 24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.35 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.08 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

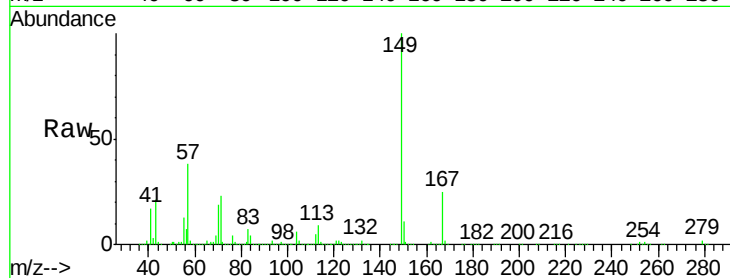
Tgt Ion:149 Resp: 729114

Ion Ratio Lower Upper

149 100

167 25.0 20.2 30.4

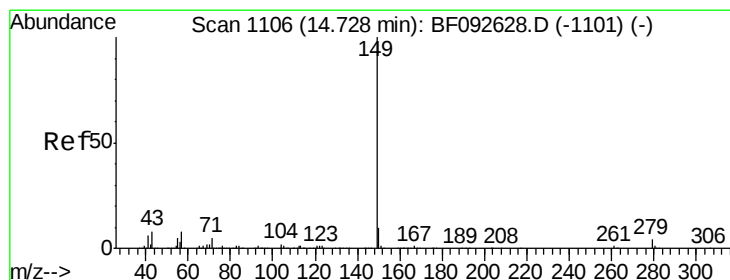
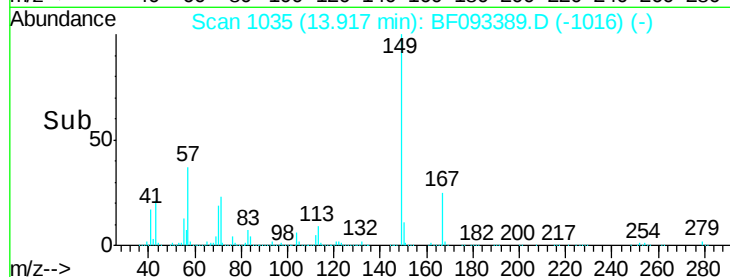
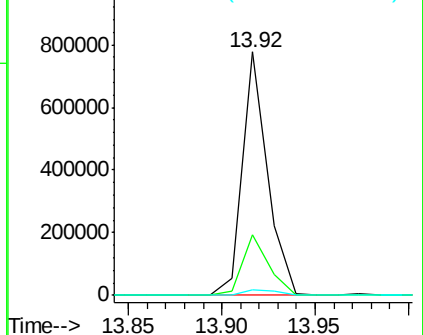
279 2.0 1.8 2.8



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: 53.22 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.07 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

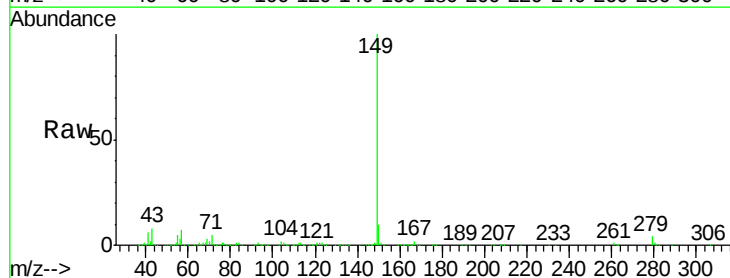
Tgt Ion:149 Resp: 1206969

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

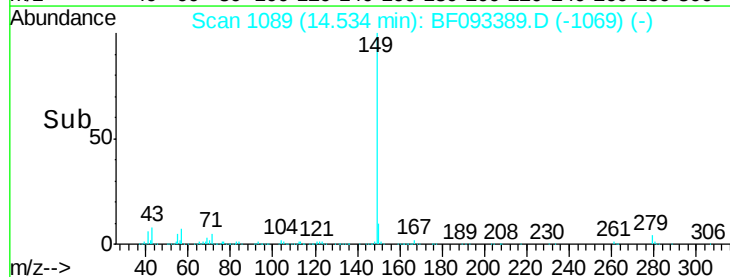
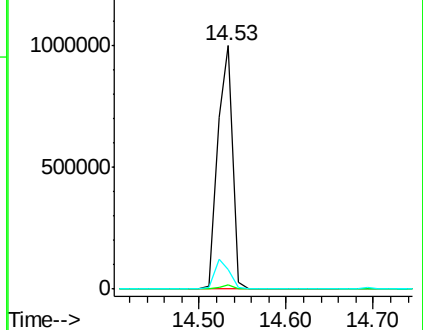
43 12.1 8.9 13.3

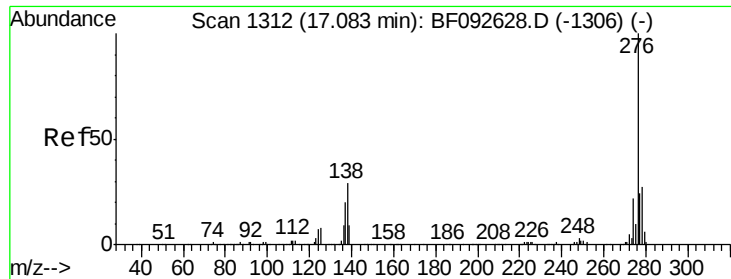


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

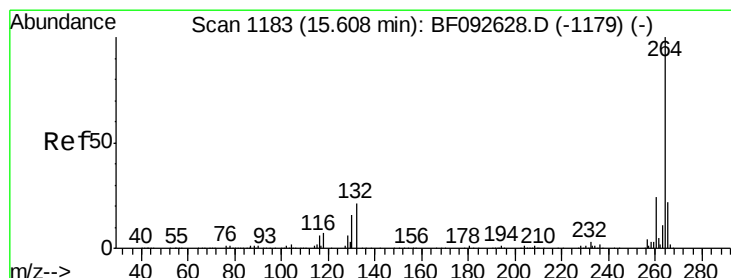
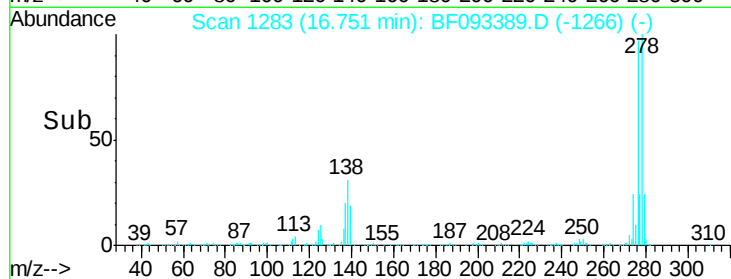
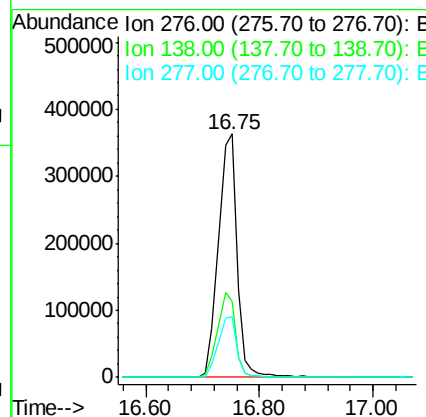
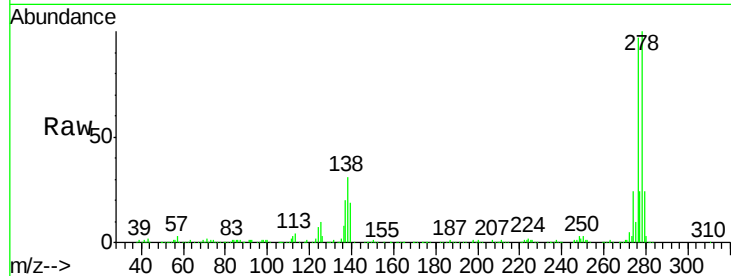




#85
Indeno(1,2,3-cd)pyrene
Concen: 55.80 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.10 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

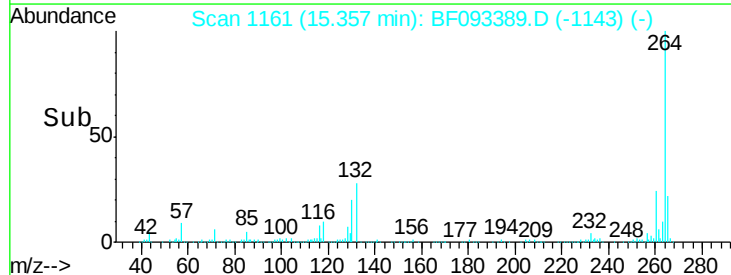
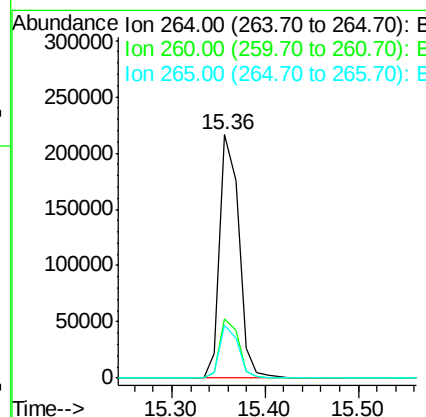
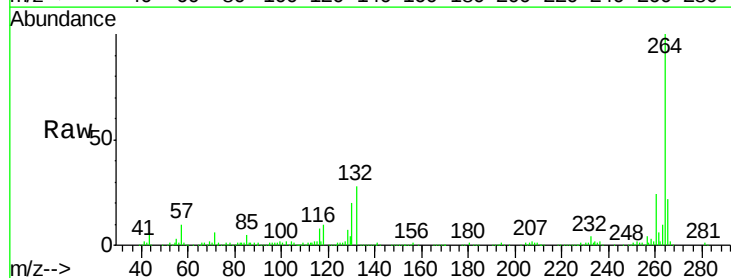
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

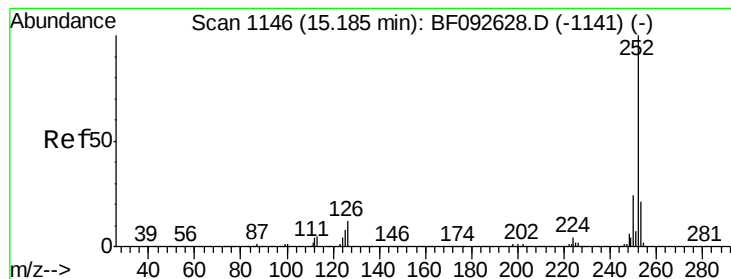
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.9	21.8	32.6#
277	24.9	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.09 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 83.37 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.05 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

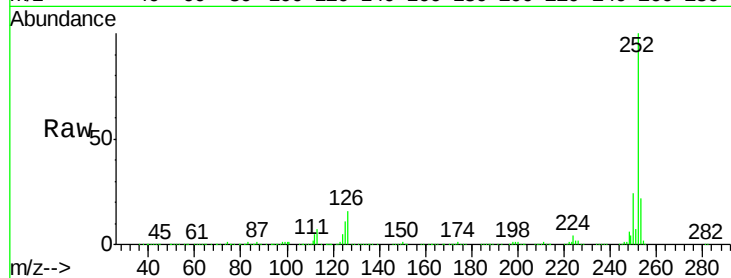
Tgt Ion:252 Resp: 1700400

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

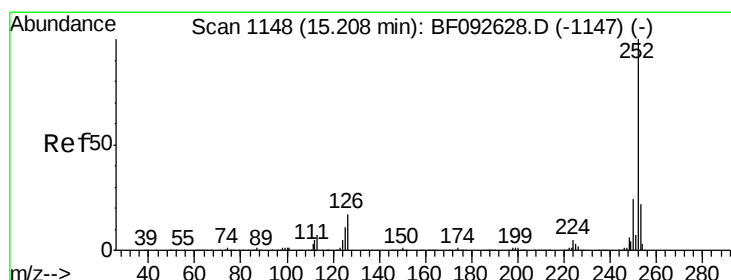
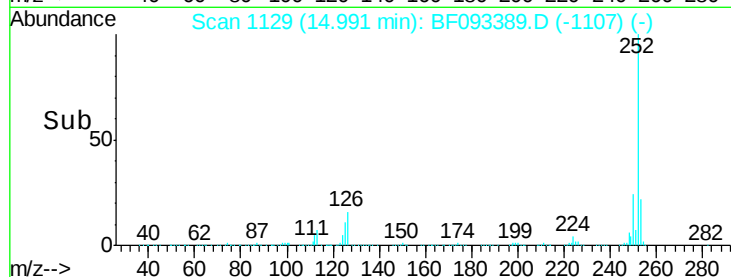
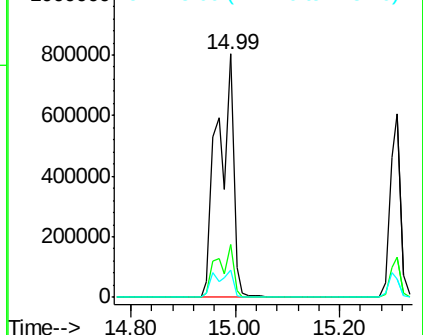
125 11.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 96.60 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.08 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

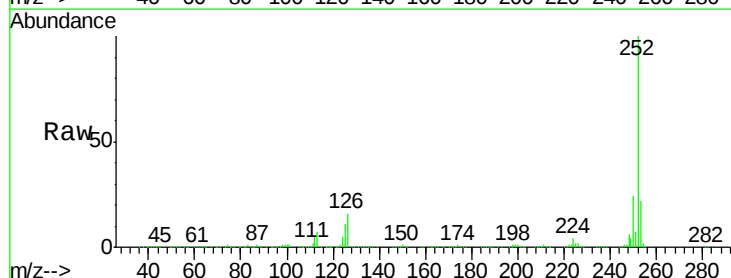
Tgt Ion:252 Resp: 1701193

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

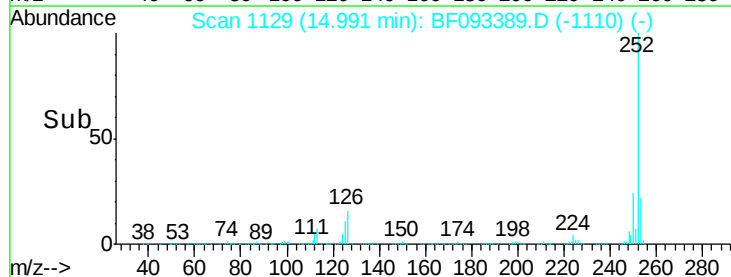
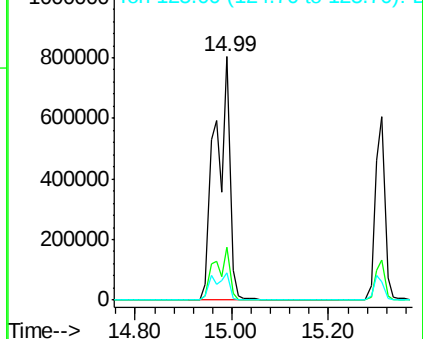
125 11.0 8.9 13.3

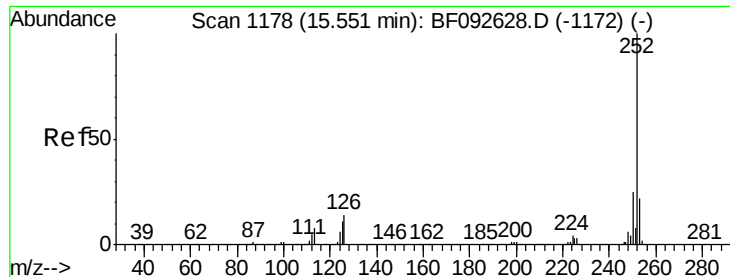


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.32 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.08 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

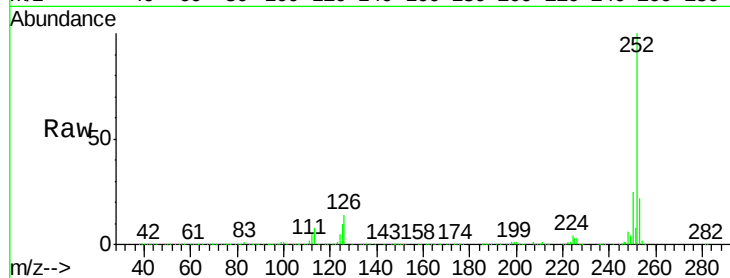
Tgt Ion:252 Resp: 834917

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

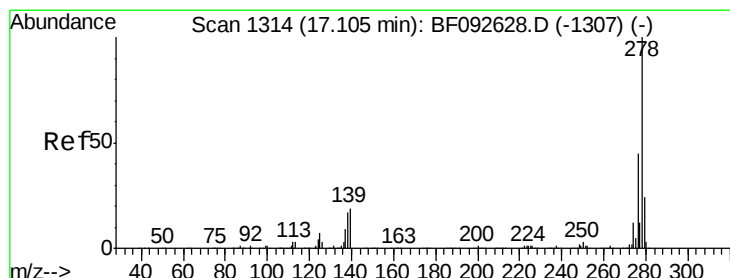
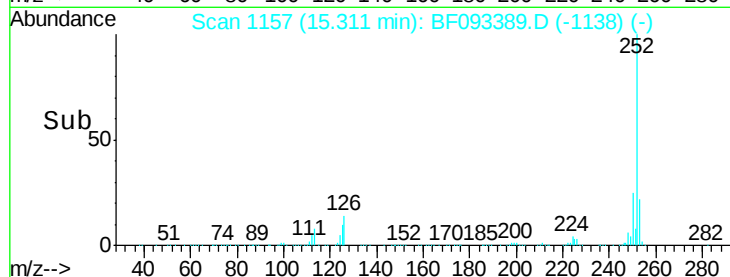
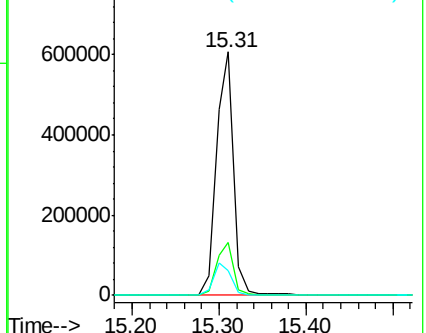
125 10.3 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.70 ng

RT: 16.75 min Scan# 1283

Delta R.T. -0.11 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

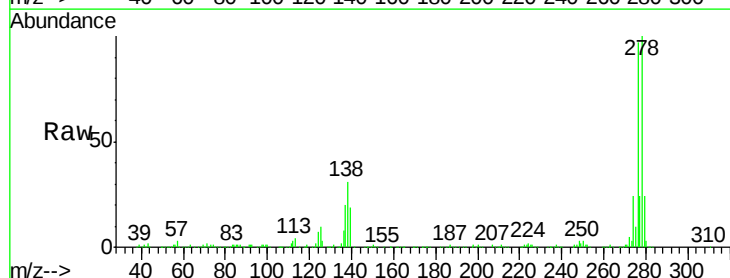
Tgt Ion:278 Resp: 694428

Ion Ratio Lower Upper

278 100

139 18.7 14.8 22.2

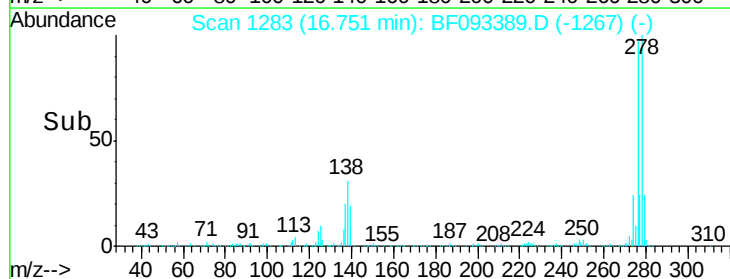
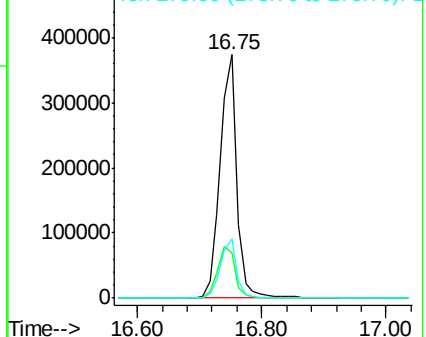
279 24.4 19.8 29.6

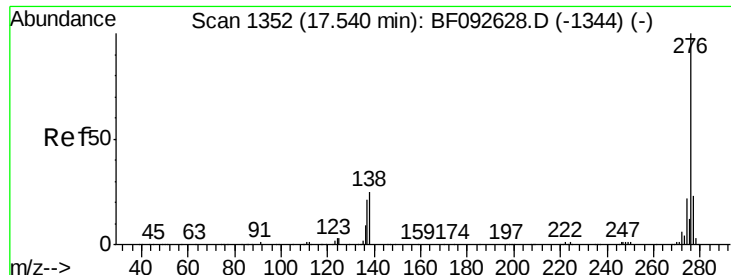


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 49.09 ng

RT: 17.15 min Scan# 1318

Delta R.T. -0.14 min

Lab File: BF093389.D

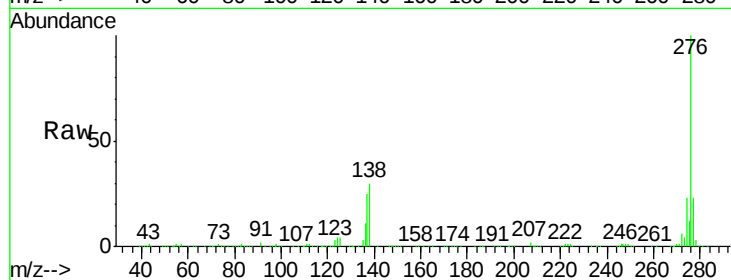
Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS



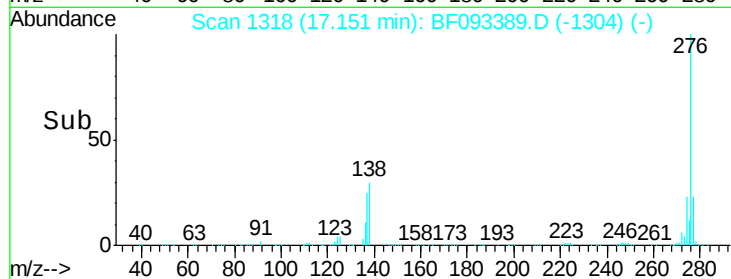
Tgt Ion:276 Resp: 707116

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 29.7 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

