

Data Path : Z:\HPCHEM1\BNA_F\Data\BF032317\
 Data File : BF093894.D
 Acq On : 23 Mar 2017 22:43
 Operator : SJ/MA
 Sample : I2367-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC10-BASE

Quant Time: Mar 24 13:22:03 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

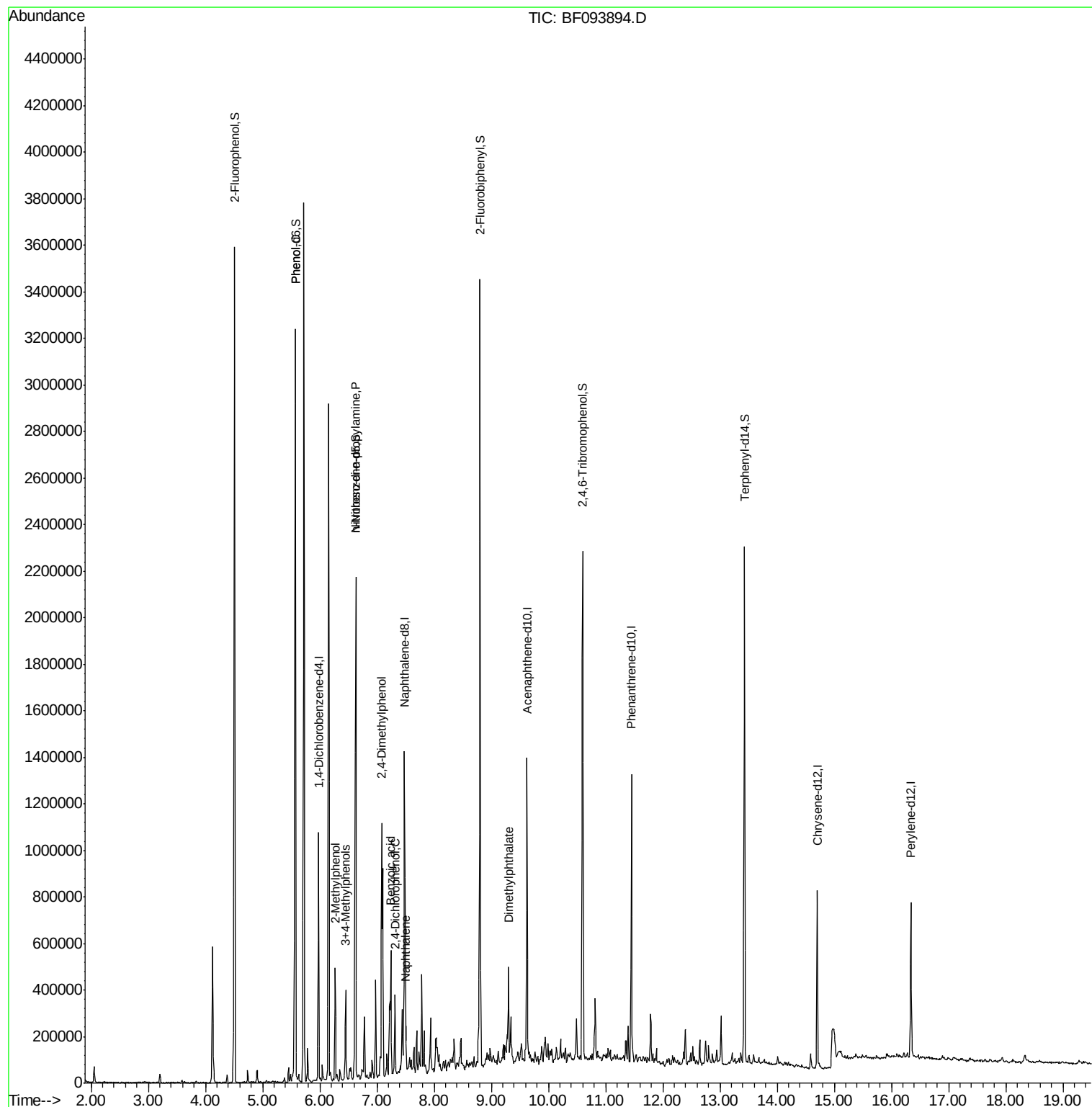
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	163851	20.00	ng	-0.01
21) Naphthalene-d8	7.48	136	653688	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	289565	20.00	ng	-0.02
63) Phenanthrene-d10	11.45	188	481865	20.00	ng	-0.01
75) Chrysene-d12	14.70	240	297625	20.00	ng	-0.01
86) Perylene-d12	16.34	264	281133	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.51	112	1126691	116.14	ng	0.00
7) Phenol-d6	5.57	99	1436988	119.74	ng	0.00
23) Nitrobenzene-d5	6.63	82	890781	77.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	288888	126.25	ng	-0.01
44) 2-Fluorobiphenyl	8.80	172	1249176	65.80	ng	-0.02
78) Terphenyl-d14	13.43	244	776289	58.46	ng	-0.01
Target Compounds						Qvalue
10) Phenol	5.58	94	40748	2.98	ng	89
17) 2-Methylphenol	6.27	107	82693	9.06	ng	96
19) n-Nitroso-di-n-propylamine	6.63	70	118052	15.31	ng	# 77
20) 3+4-Methylphenols	6.45	107	97619	8.83	ng	# 62
27) 2,4-Dimethylphenol	7.08	122	350617	37.77	ng	99
29) 2,4-Dichlorophenol	7.31	162	35199	4.06	ng	95
31) Naphthalene	7.50	128	89166	2.84	ng	100
32) Benzoic acid	7.25	122	170140	27.53	ng	# 12
49) Dimethylphthalate	9.30	163	164811	8.01	ng	99

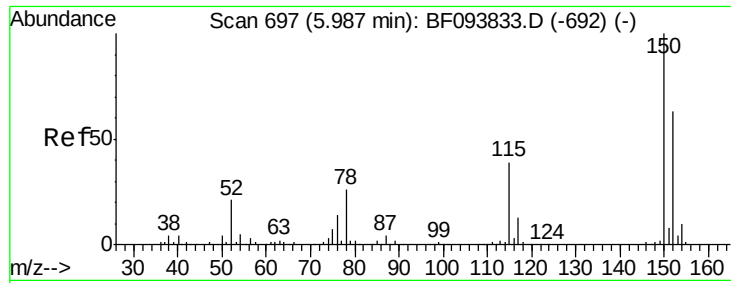
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.97 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF093894.D

Acq: 23 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-CC10-BASE

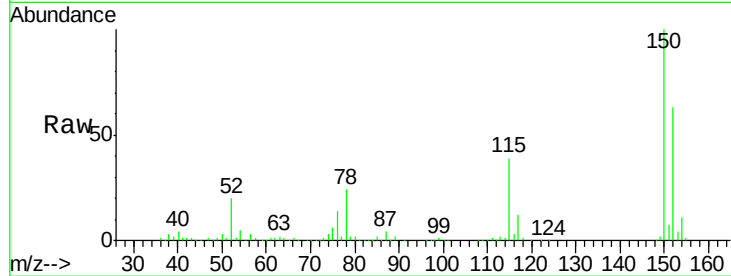
Tgt Ion:152 Resp: 163851

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

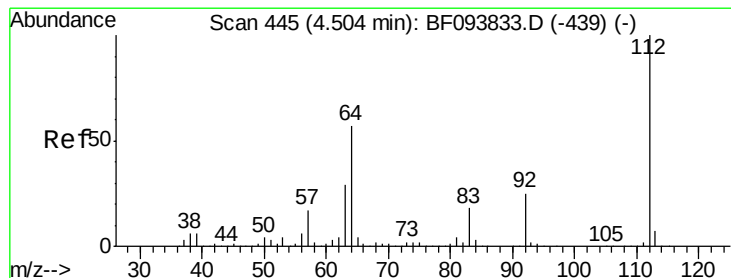
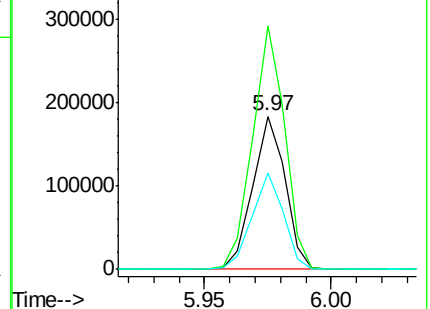
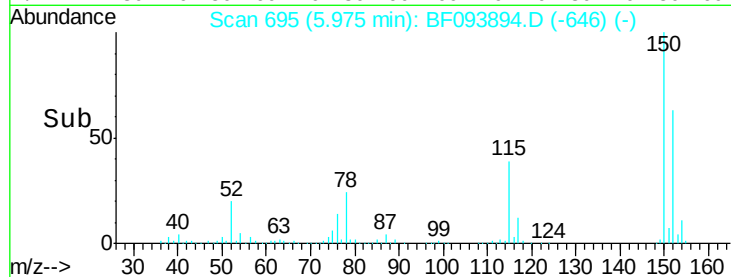
115 62.7 52.2 78.2



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



#5

2-Fluorophenol

Concen: 116.14 ng

RT: 4.51 min Scan# 446

Delta R.T. 0.01 min

Lab File: BF093894.D

Acq: 23 Mar 2017 22:43

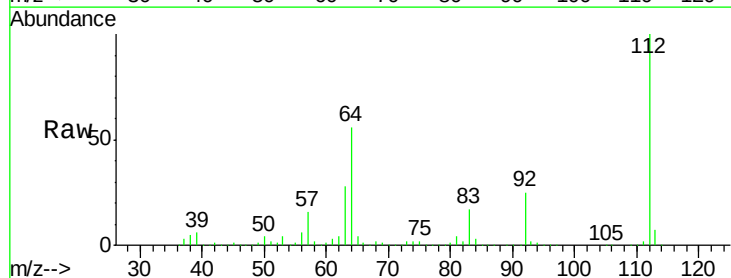
Tgt Ion:112 Resp: 1126691

Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

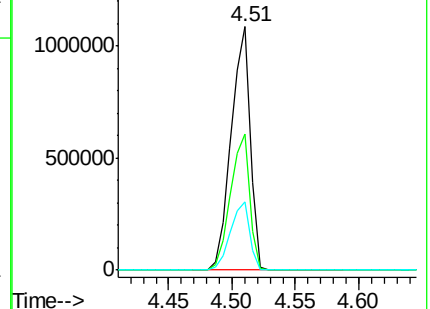
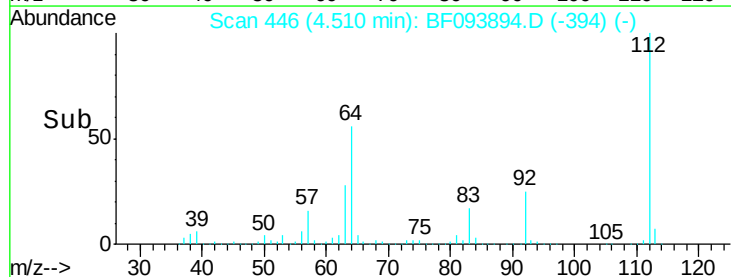
63 28.2 23.4 35.0

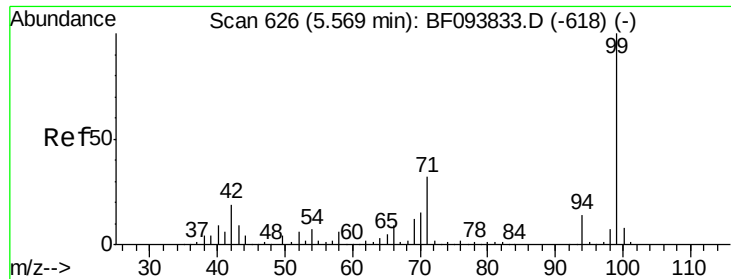


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.74 ng

RT: 5.57 min Scan# 627

Delta R.T. 0.01 min

Lab File: BF093894.D

Acq: 23 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-CC10-BASE

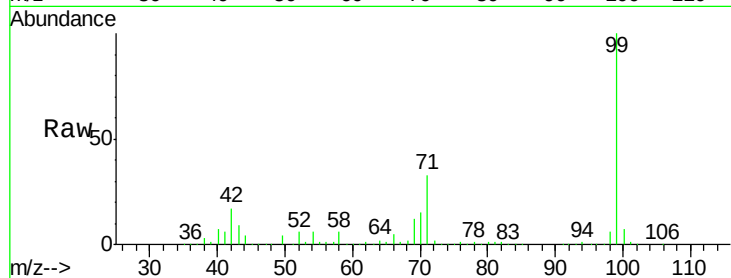
Tgt Ion: 99 Resp: 1436988

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

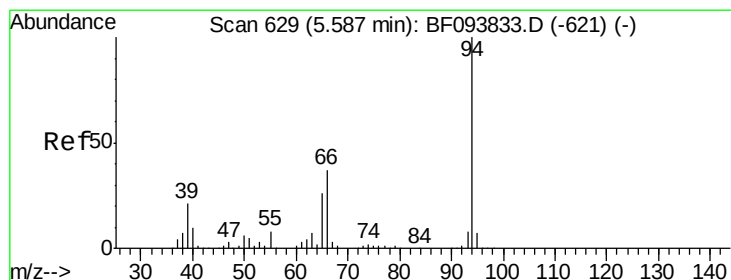
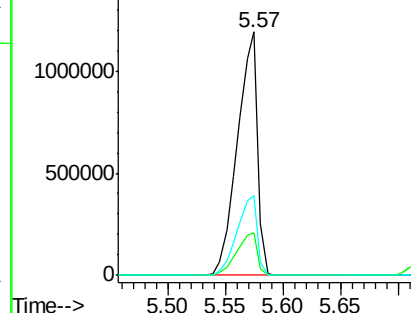
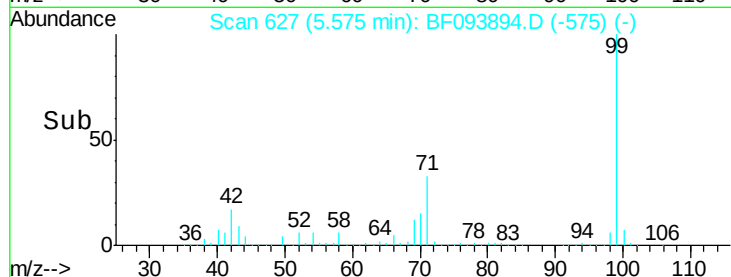
71 32.8 24.5 36.7



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



#10

Phenol

Concen: 2.98 ng

RT: 5.58 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF093894.D

Acq: 23 Mar 2017 22:43

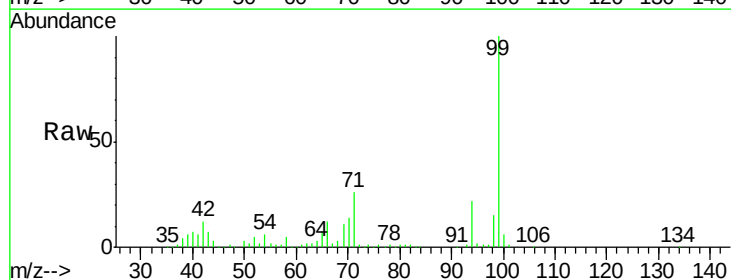
Tgt Ion: 94 Resp: 40748

Ion Ratio Lower Upper

94 100

65 29.7 9.9 49.9

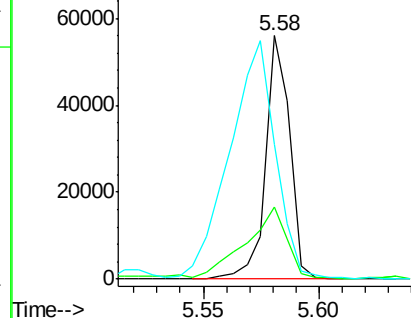
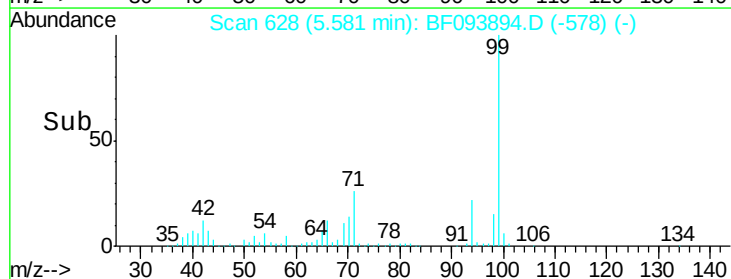
66 55.1 23.1 63.1

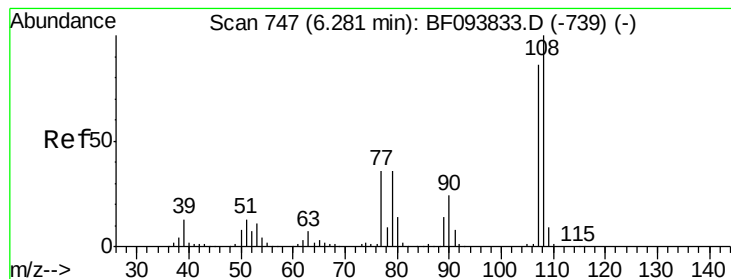


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#17

2-Methylphenol

Concen: 9.06 ng

RT: 6.27 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF093894.D

Acq: 23 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-CC10-BASE

Tgt Ion: 107 Resp: 82693

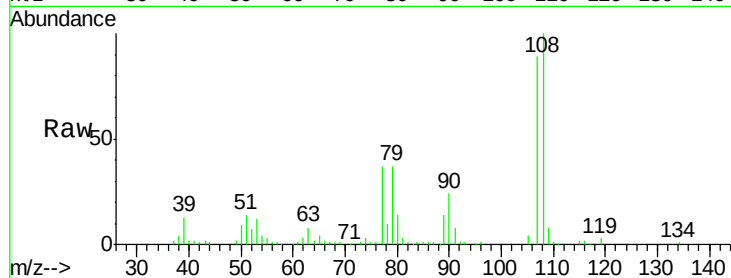
Ion Ratio Lower Upper

107 100

108 112.8 93.4 140.0

77 41.6 35.8 53.6

79 41.9 34.8 52.2

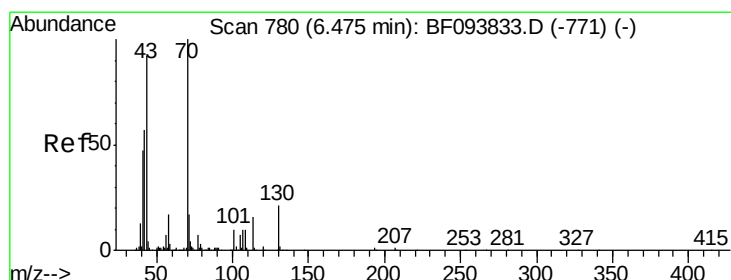
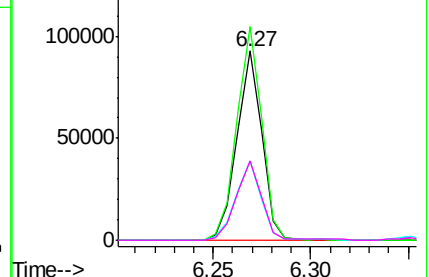
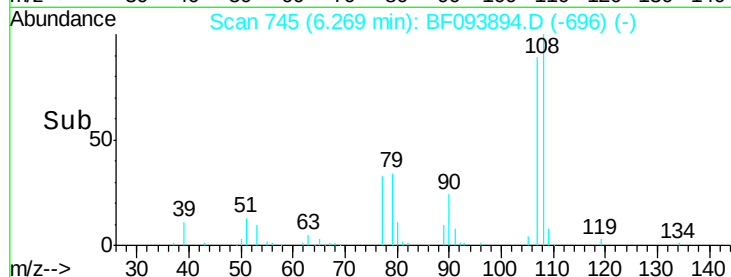


Abundance Ion 107.00 (106.70 to 107.70): E

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.31 ng

RT: 6.63 min Scan# 806

Delta R.T. 0.15 min

Lab File: BF093894.D

Acq: 23 Mar 2017 22:43

Tgt Ion: 70 Resp: 118052

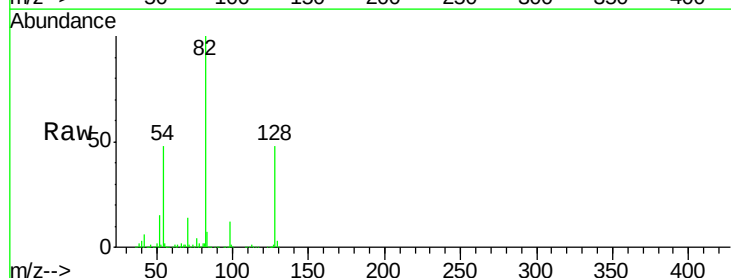
Ion Ratio Lower Upper

70 100

42 45.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

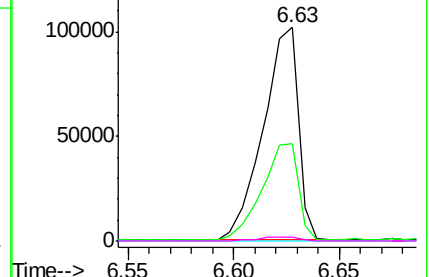
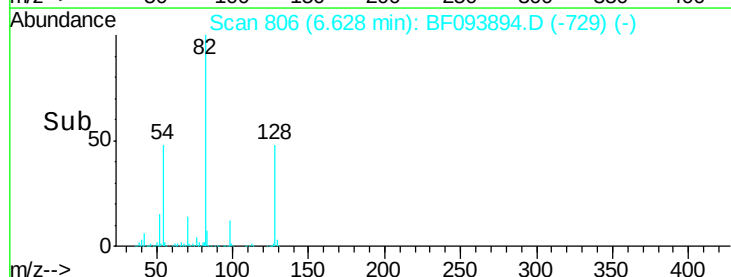


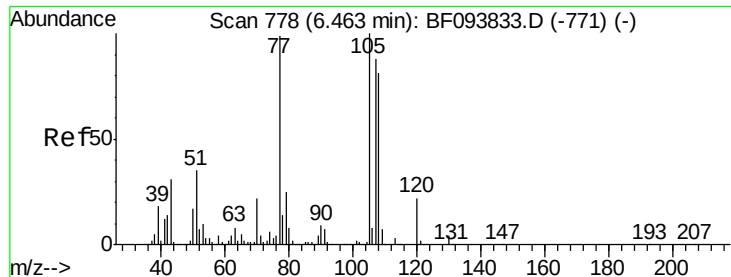
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 8.83 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF093894.D

Acq: 23 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-CC10-BASE

Tgt Ion:107 Resp: 97619

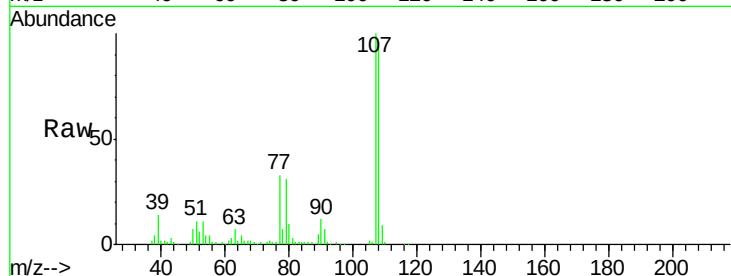
Ion Ratio Lower Upper

107 100

108 96.1 71.0 111.0

77 33.1 90.5 130.5#

79 30.5 8.4 48.4

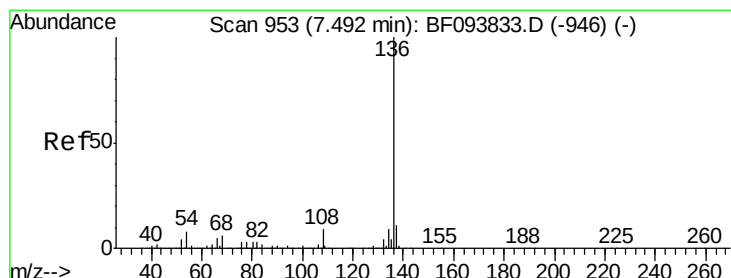
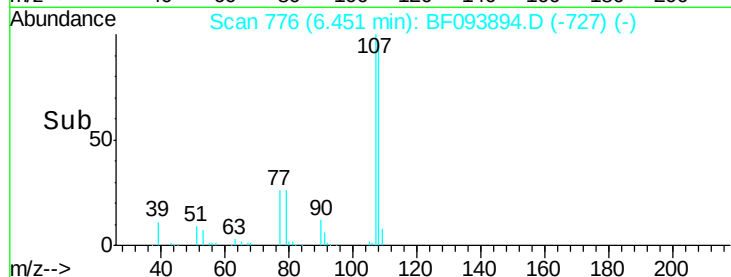
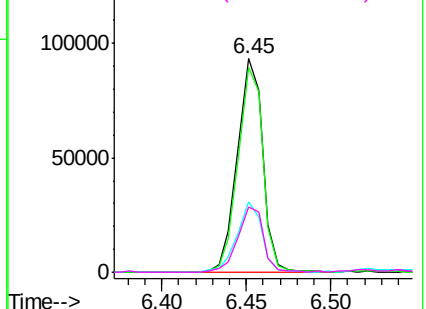


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.48 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093894.D

Acq: 23 Mar 2017 22:43

Tgt Ion:136 Resp: 653688

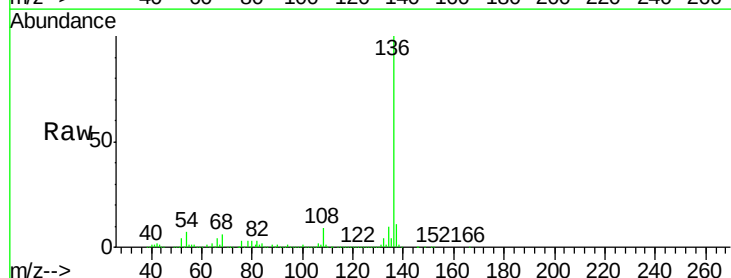
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.3 4.9 7.3#

68 5.9 4.1 6.1

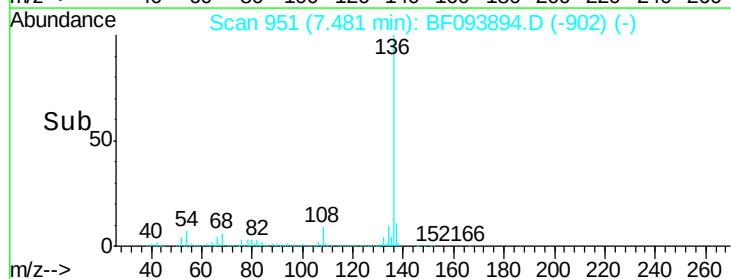
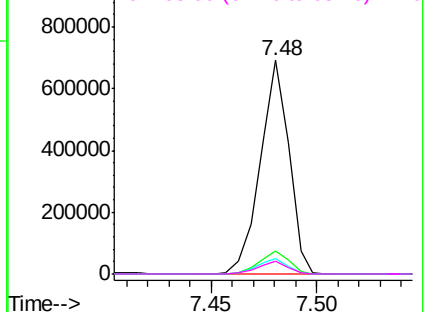


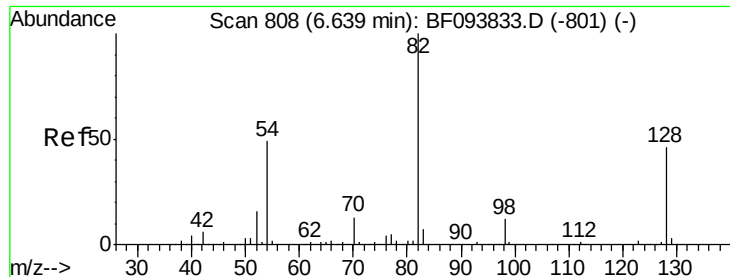
Abundance Ion 136.00 (135.70 to 136.70): E

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

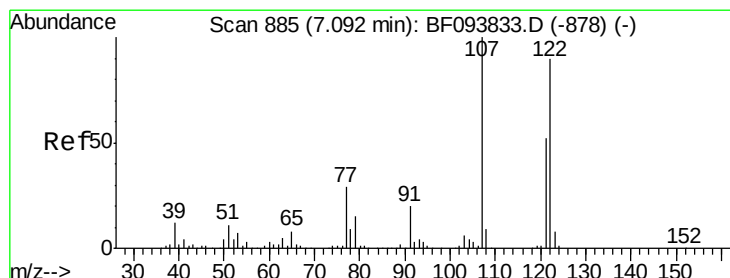
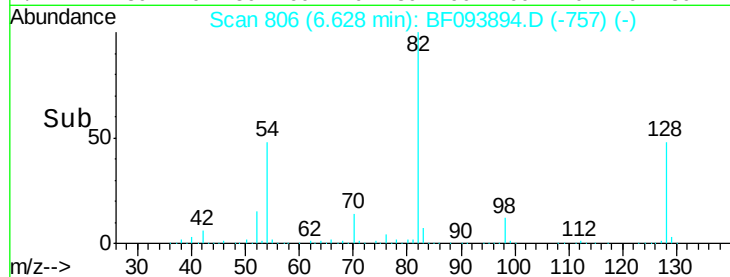
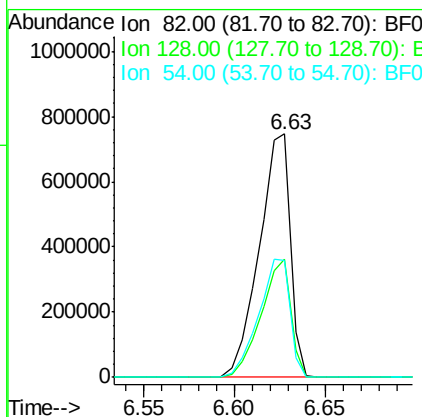
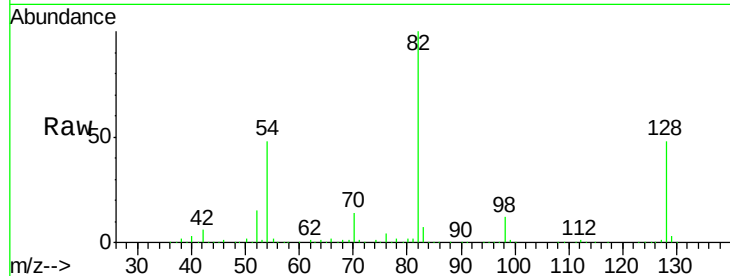




#23
 Nitrobenzene-d5
 Concen: 77.77 ng
 RT: 6.63 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF093894.D
 Acq: 23 Mar 2017 22:43

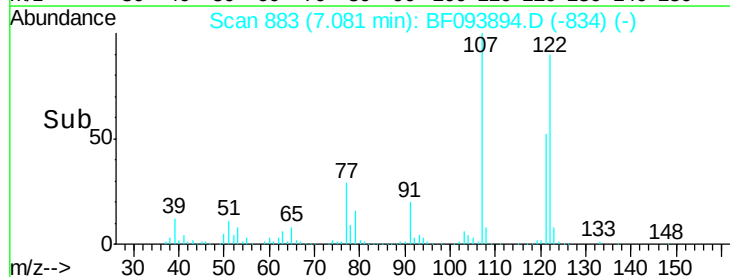
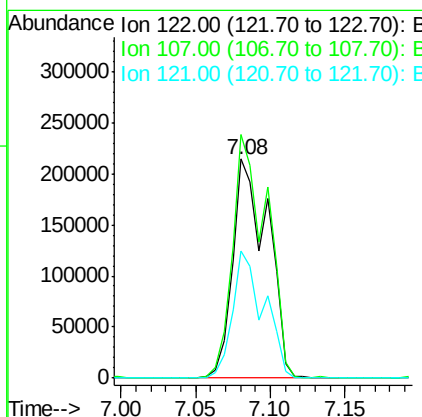
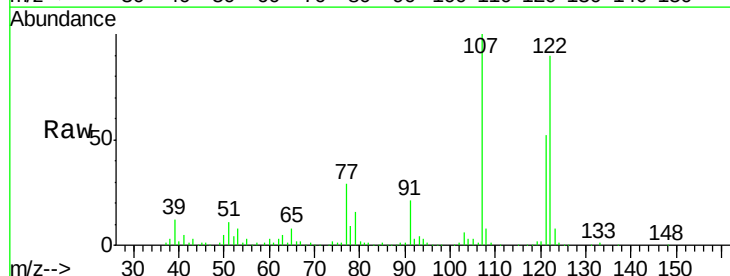
Instrument :
 BNA_F
 ClientSampled :
 E2-CC10-BASE

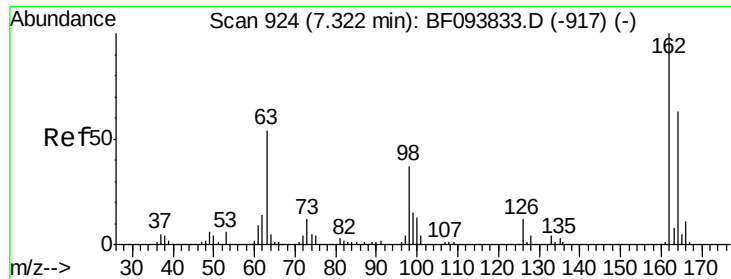
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	47.8	42.2	63.2



#27
 2,4-Dimethylphenol
 Concen: 37.77 ng
 RT: 7.08 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF093894.D
 Acq: 23 Mar 2017 22:43

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.3	89.2	133.8
121	58.2	45.2	67.8

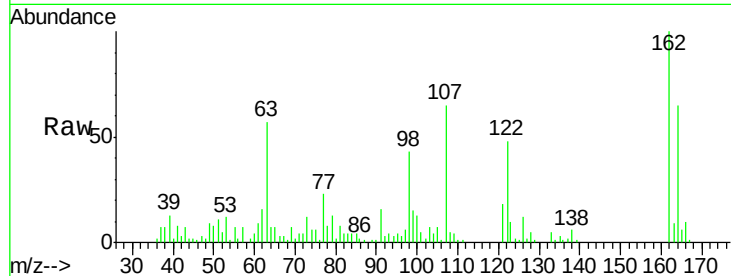




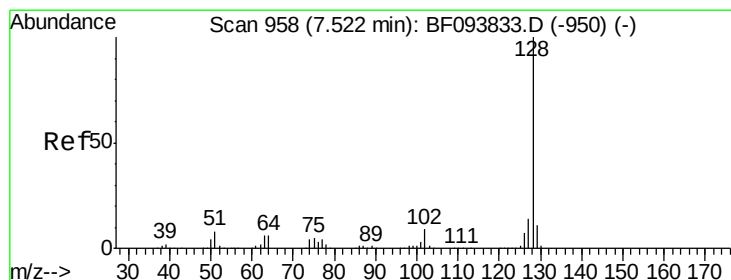
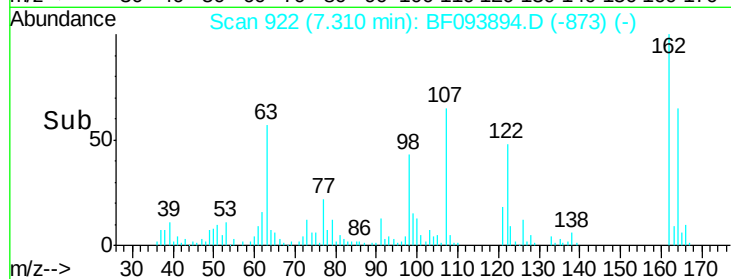
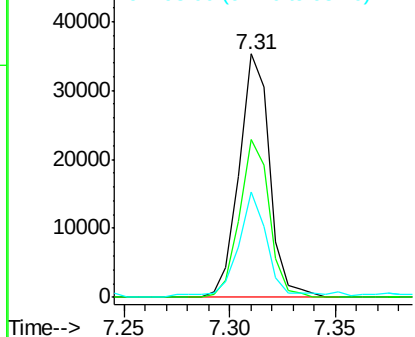
#29
2,4-Dichlorophenol
Concen: 4.06 ng
RT: 7.31 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
E2-CC10-BASE

Tgt Ion:162 Resp: 35199
Ion Ratio Lower Upper
162 100
164 64.7 44.6 84.6
98 43.2 14.8 54.8

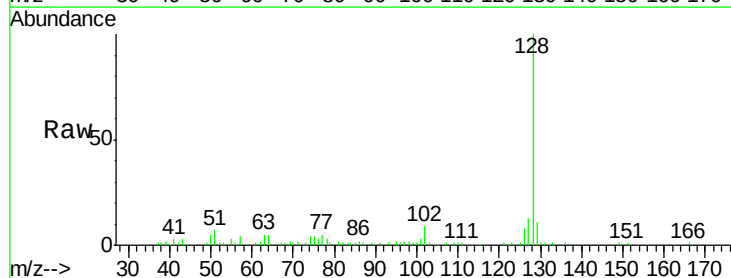


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

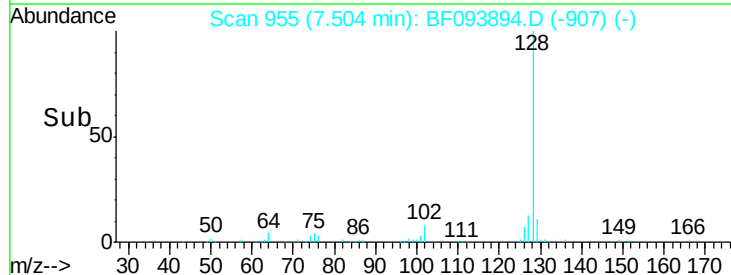
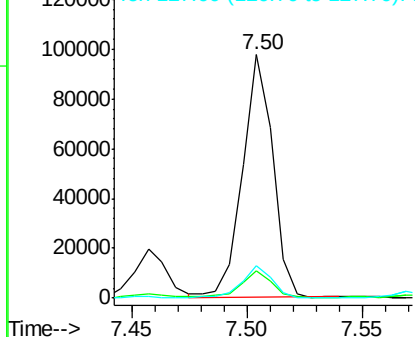


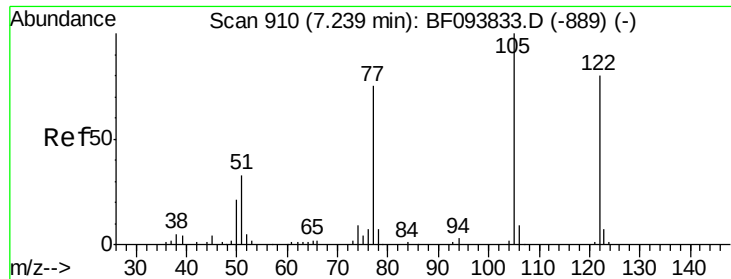
#31
Naphthalene
Concen: 2.84 ng
RT: 7.50 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Tgt Ion:128 Resp: 89166
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.2 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

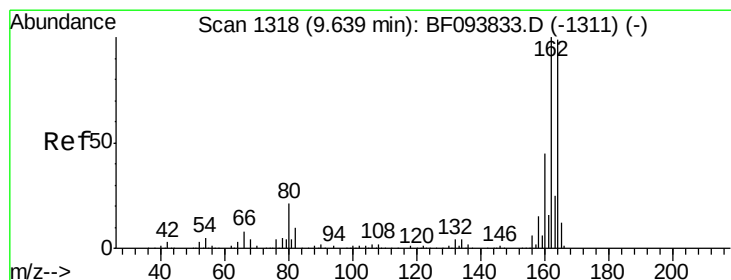
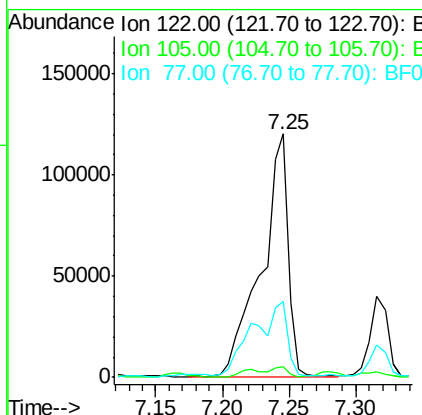
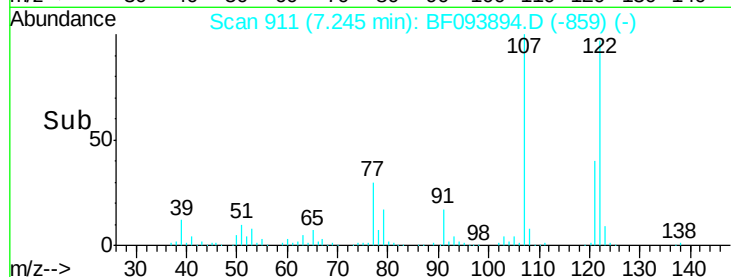
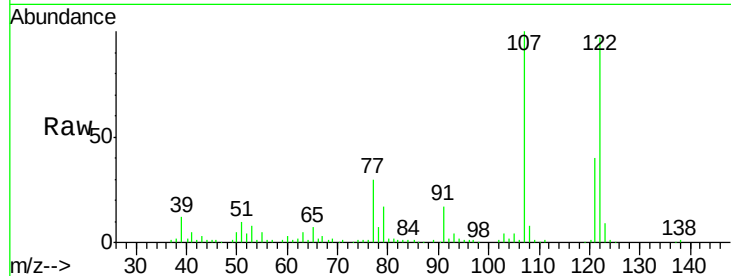




#32
Benzoic acid
Concen: 27.53 ng
RT: 7.25 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

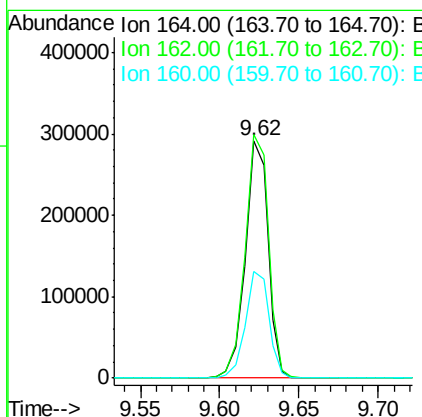
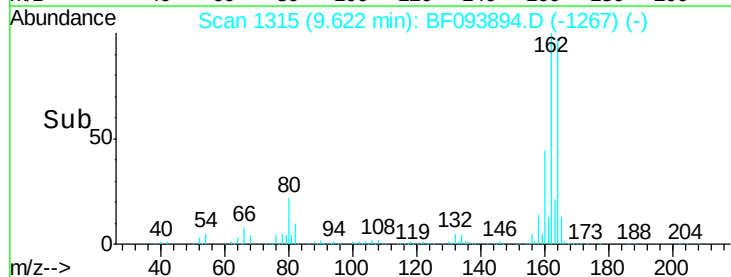
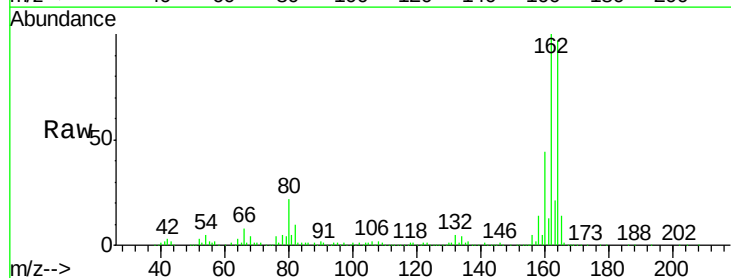
Instrument :
BNA_F
ClientSampleId :
E2-CC10-BASE

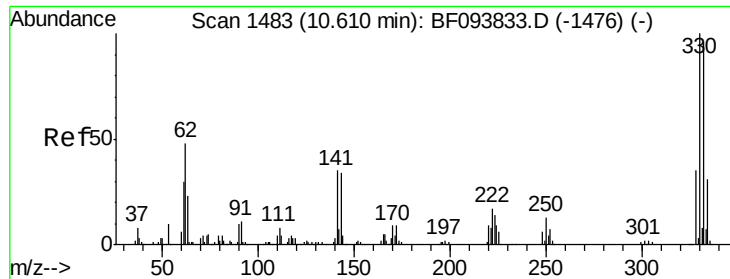
Tgt Ion:122 Resp: 170140
Ion Ratio Lower Upper
122 100
105 4.1 103.3 143.3#
77 31.2 73.7 113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Tgt Ion:164 Resp: 289565
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 45.0 36.2 54.2

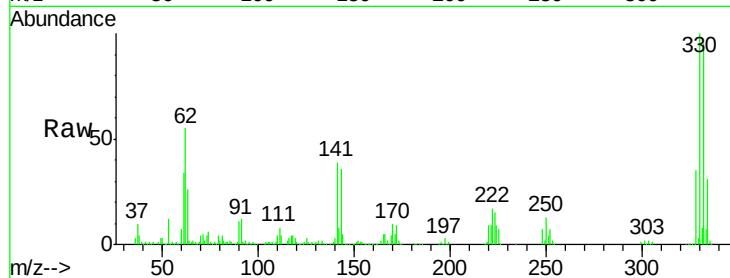




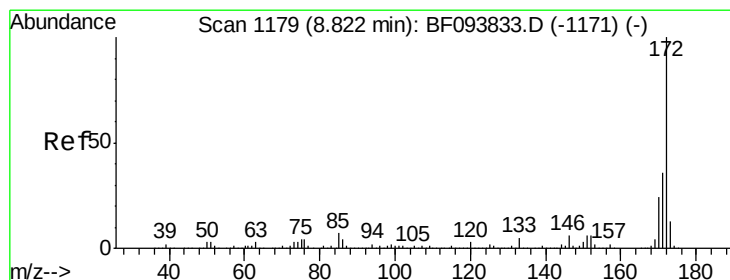
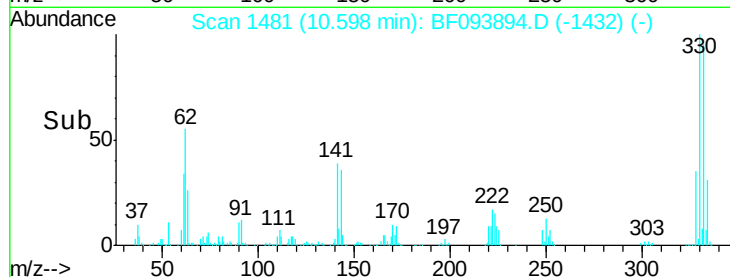
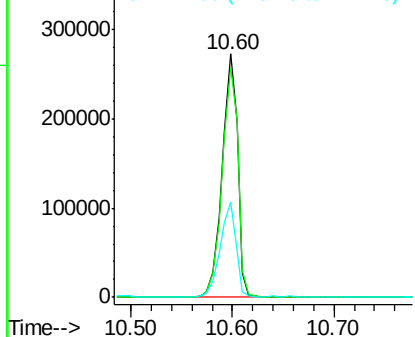
#41
 2,4,6-Tribromophenol
 Concen: 126.25 ng
 RT: 10.60 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF093894.D
 Acq: 23 Mar 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC10-BASE

Tgt Ion:330 Resp: 288888
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 39.0 31.4 47.2

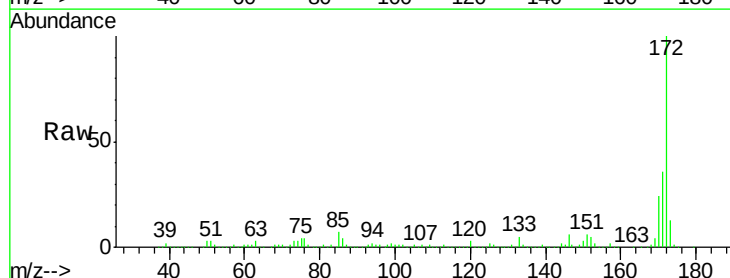


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

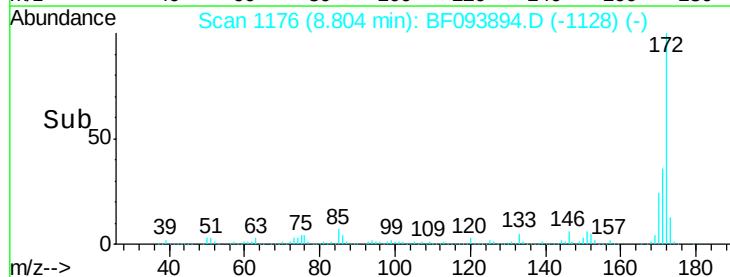
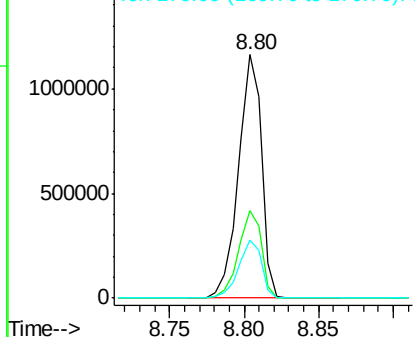


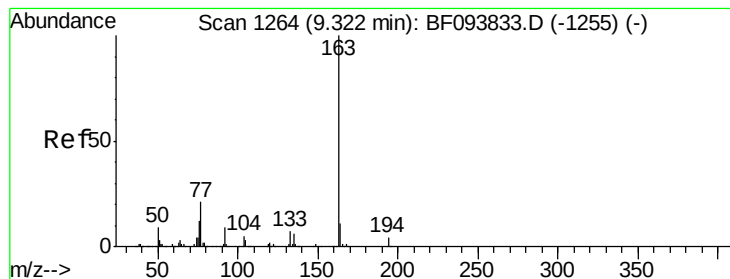
#44
 2-Fluorobiphenyl
 Concen: 65.80 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF093894.D
 Acq: 23 Mar 2017 22:43

Tgt Ion:172 Resp: 1249176
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.8 19.8 29.8



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





#49

Dimethylphthalate

Concen: 8.01 ng

RT: 9.30 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF093894.D

Acq: 23 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-CC10-BASE

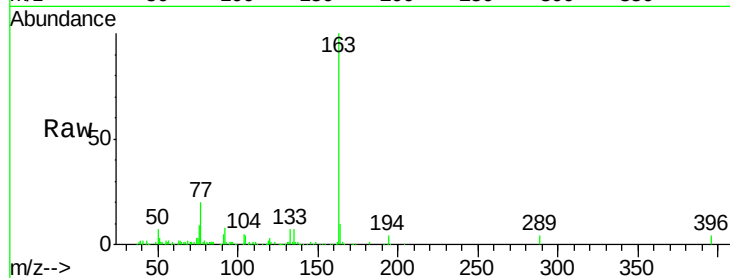
Tgt Ion:163 Resp: 164811

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

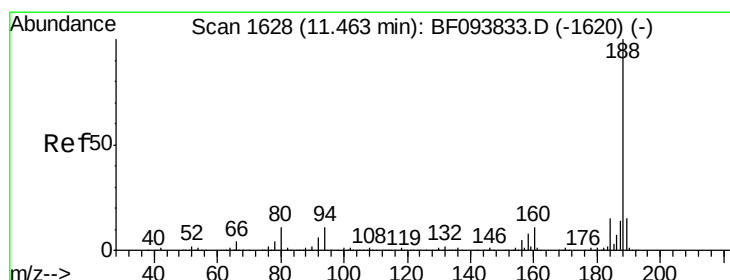
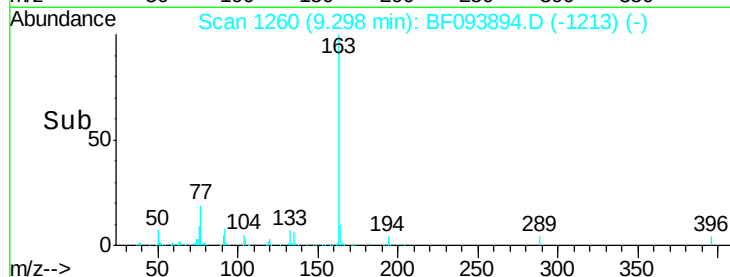
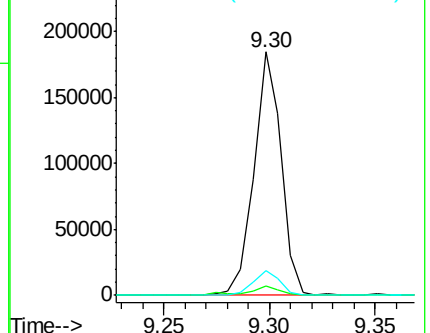
164 10.0 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BF093894.D

Acq: 23 Mar 2017 22:43

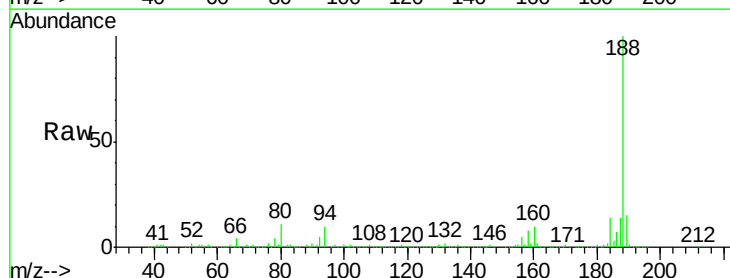
Tgt Ion:188 Resp: 481865

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

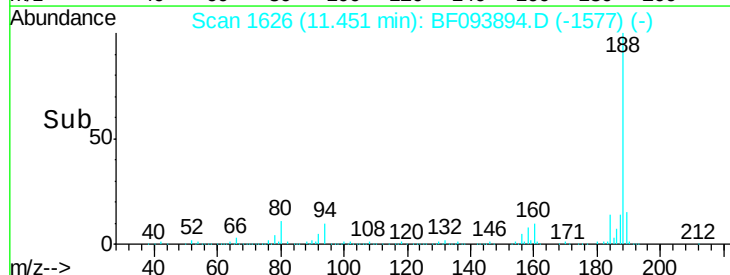
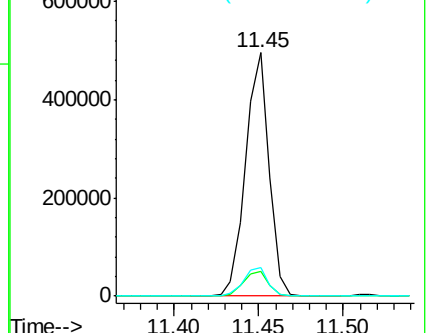
80 11.5 10.2 15.2

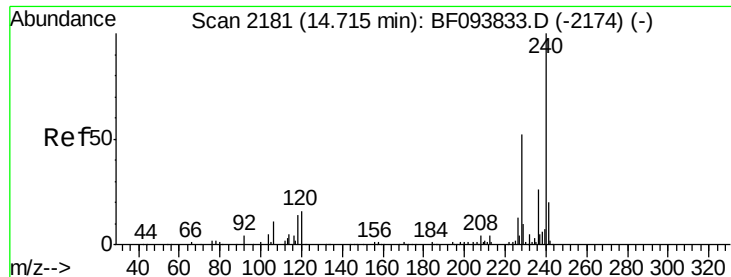


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093894.D

Acq: 23 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-CC10-BASE

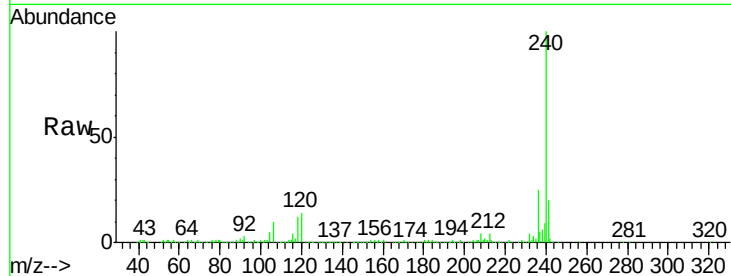
Tgt Ion:240 Resp: 297625

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

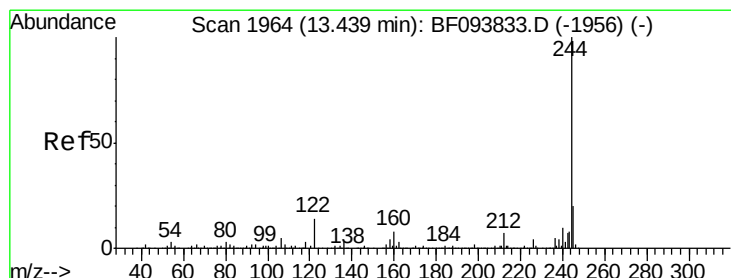
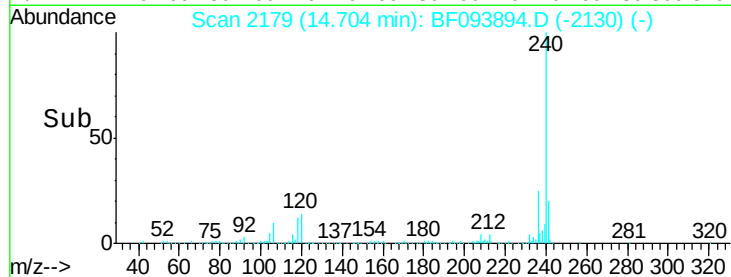
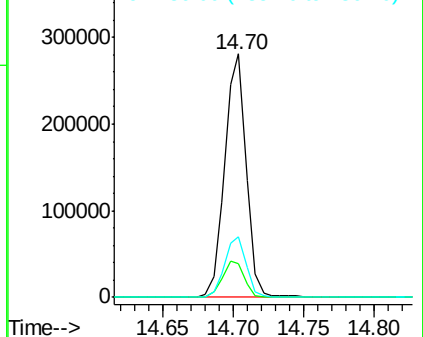
236 24.6 20.5 30.7



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



#78

Terphenyl-d14

Concen: 58.46 ng

RT: 13.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BF093894.D

Acq: 23 Mar 2017 22:43

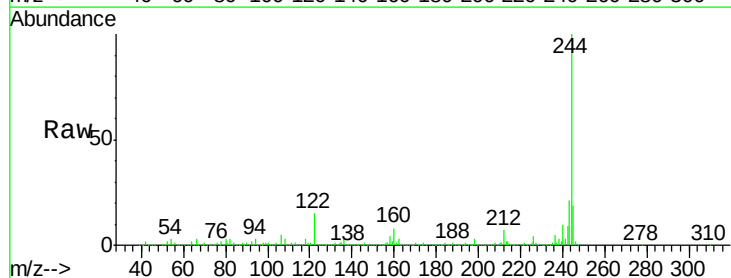
Tgt Ion:244 Resp: 776289

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

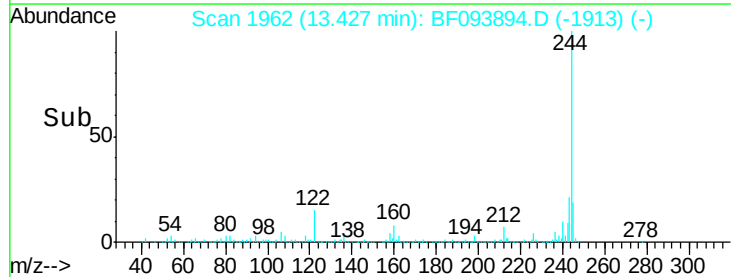
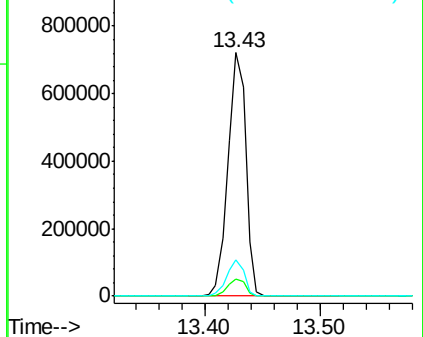
122 15.1 10.3 15.5

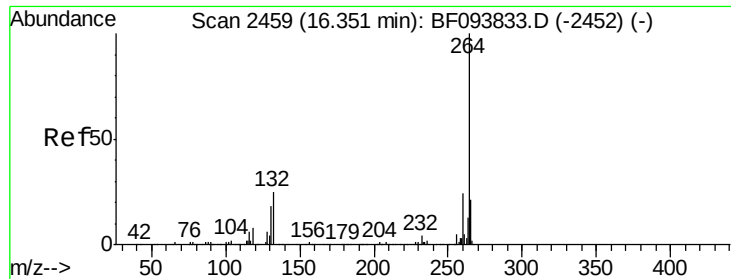


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 16.34 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF093894.D

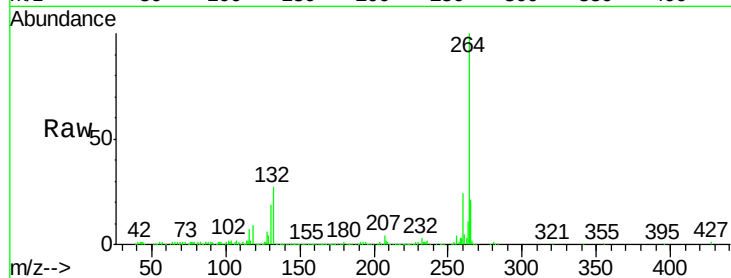
Acq: 23 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

E2-CC10-BASE



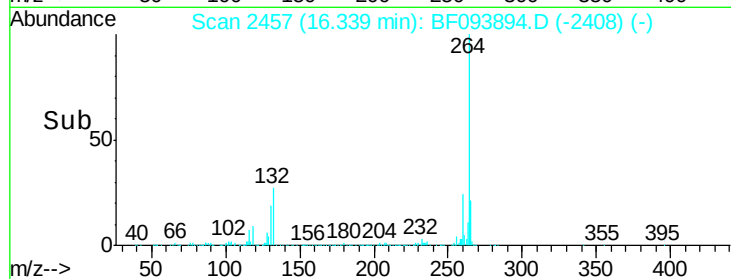
Tgt Ion:264 Resp: 281133

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

