

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093884.D
 Acq On : 23 Mar 2017 17:42
 Operator : SJ/MA
 Sample : I2362-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0663

Quant Time: Mar 24 04:02:48 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

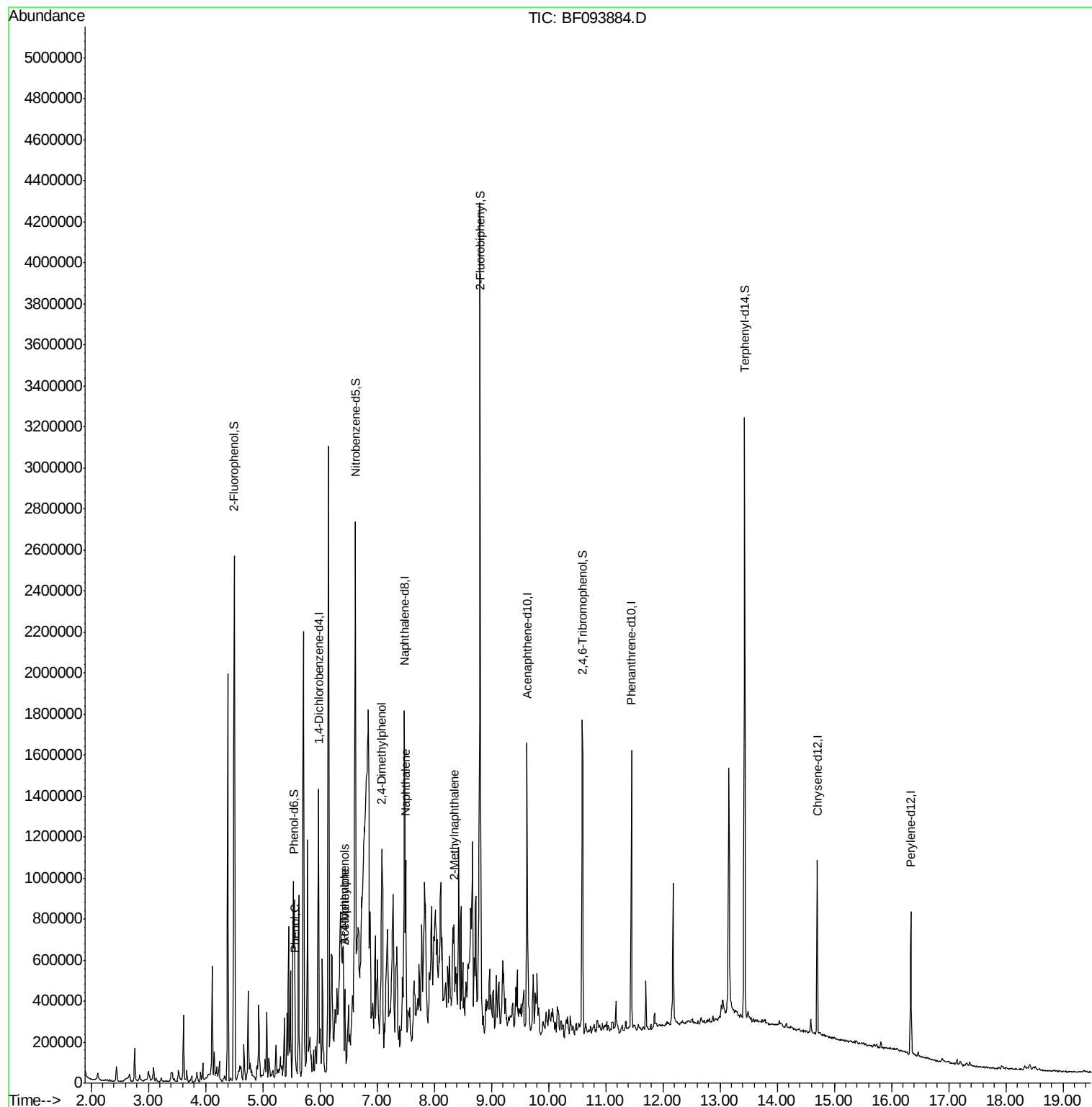
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	176578	20.00	ng	-0.01
21) Naphthalene-d8	7.48	136	708688	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	323155	20.00	ng	-0.02
63) Phenanthrene-d10	11.45	188	554958	20.00	ng	-0.01
75) Chrysene-d12	14.70	240	346317	20.00	ng	-0.01
86) Perylene-d12	16.34	264	289485	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	319473	30.56	ng	0.00
7) Phenol-d6	5.55	99	290950	22.50	ng	-0.02
23) Nitrobenzene-d5	6.62	82	1001503	80.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	198955	77.91	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	1773485	83.71	ng	-0.01
78) Terphenyl-d14	13.43	244	1114511	72.14	ng	0.00
Target Compounds						
10) Phenol	5.57	94	38279	2.60	ng	Qvalue 87
20) 3+4-Methylphenols	6.45	107	37082	3.11	ng	# 82
22) Acetophenone	6.44	105	100866	6.39	ng	# 76
27) 2,4-Dimethylphenol	7.08	122	53431	5.31	ng	96
31) Naphthalene	7.50	128	395314	11.60	ng	100
37) 2-Methylnaphthalene	8.35	142	120340	5.30	ng	99

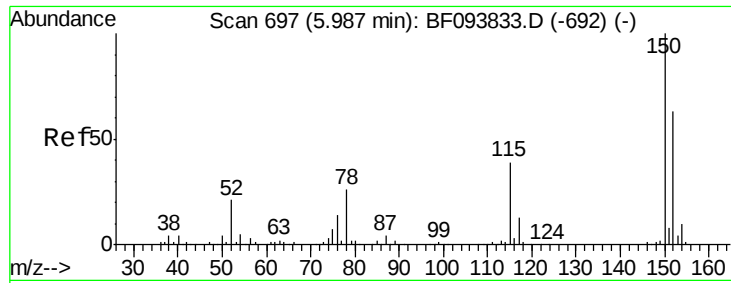
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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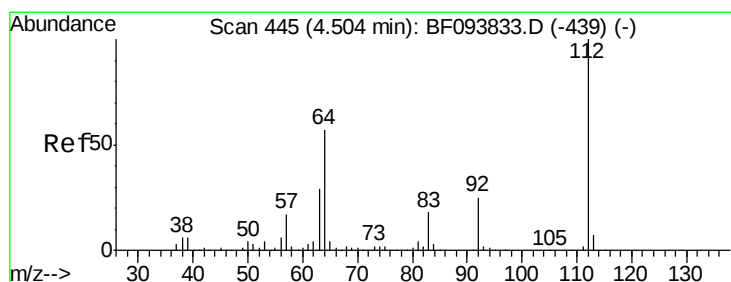
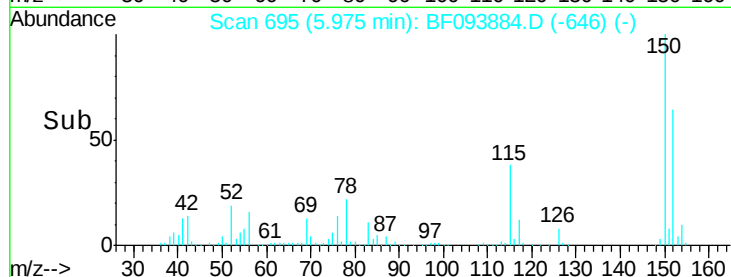
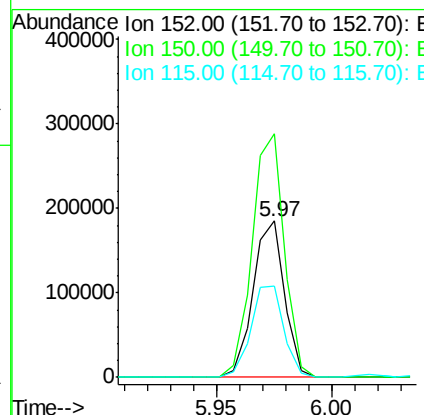
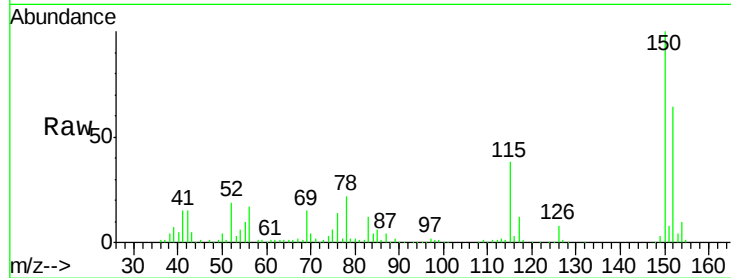




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.97 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF093884.D
 Acq: 23 Mar 2017 17:42

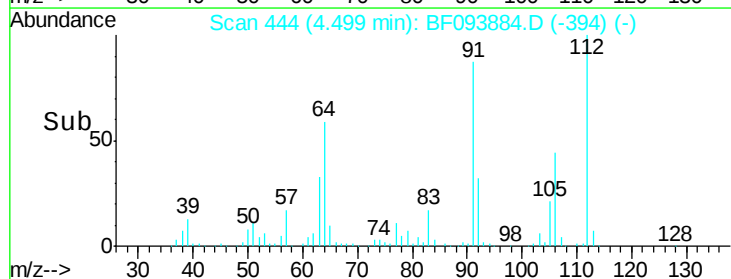
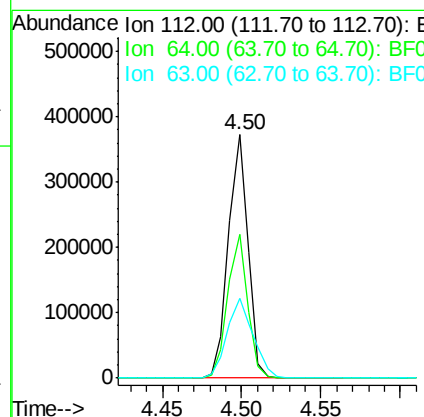
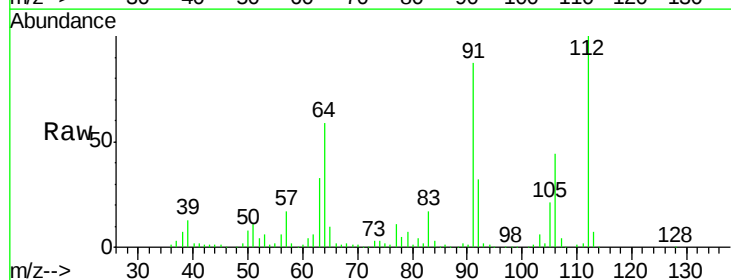
Instrument :
 BNA_F
 ClientSampleId :
 S8-0663

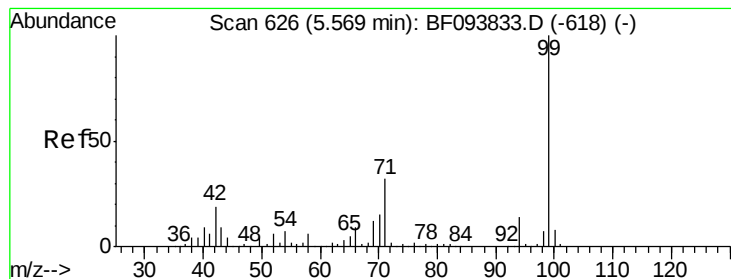
Tgt Ion:152 Resp: 176578
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.2 189.2
 115 58.5 52.2 78.2



#5
 2-Fluorophenol
 Concen: 30.56 ng
 RT: 4.50 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF093884.D
 Acq: 23 Mar 2017 17:42

Tgt Ion:112 Resp: 319473
 Ion Ratio Lower Upper
 112 100
 64 59.2 46.0 69.0
 63 32.8 23.4 35.0





#7

Phenol-d6

Concen: 22.50 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF093884.D

Acq: 23 Mar 2017 17:42

Instrument :

BNA_F

ClientSampleId :

S8-0663

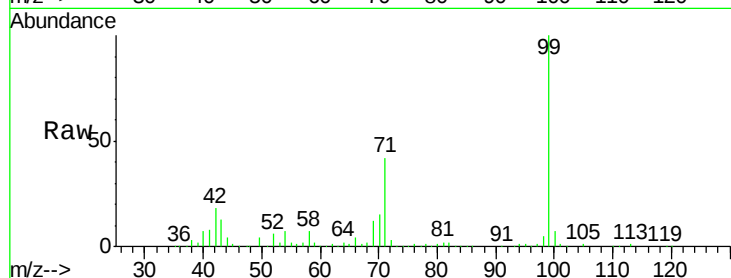
Tgt Ion: 99 Resp: 290950

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

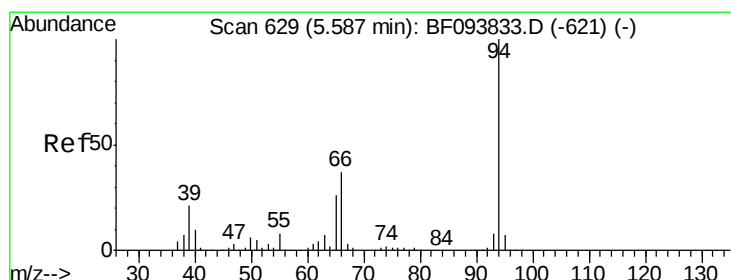
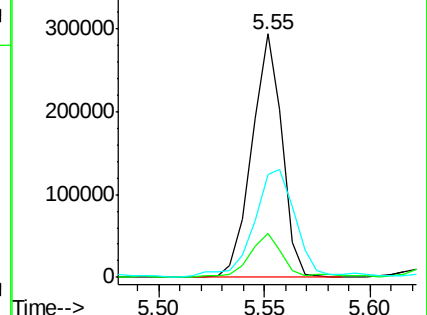
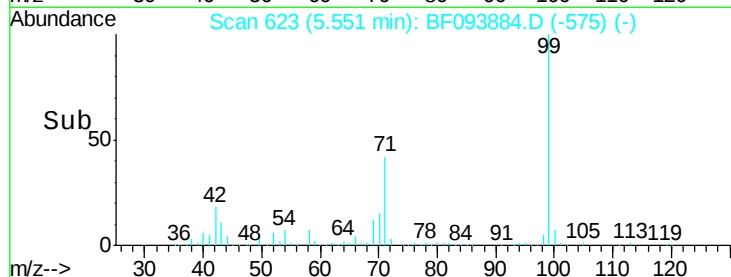
71 42.5 24.5 36.7#



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: 2.60 ng

RT: 5.57 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF093884.D

Acq: 23 Mar 2017 17:42

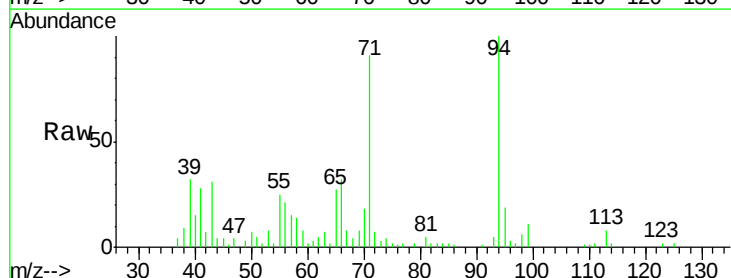
Tgt Ion: 94 Resp: 38279

Ion Ratio Lower Upper

94 100

65 26.6 9.9 49.9

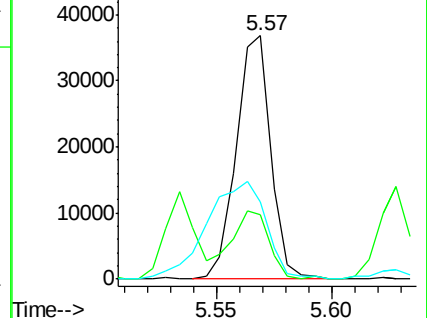
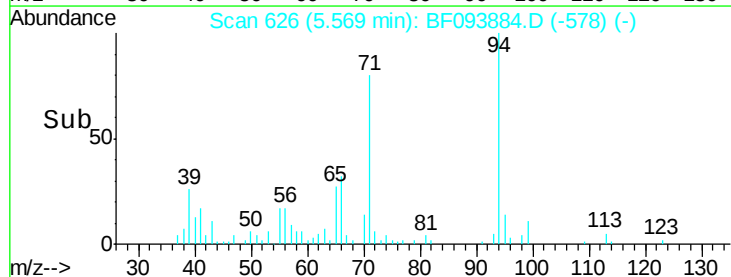
66 31.6 23.1 63.1

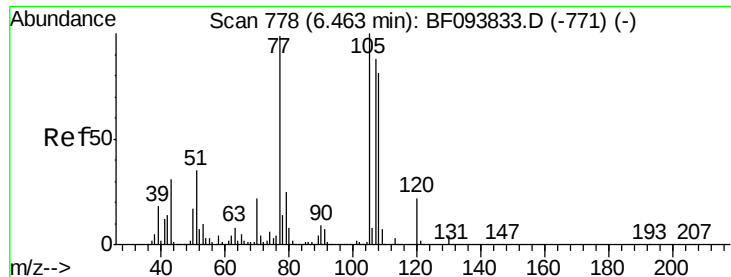


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

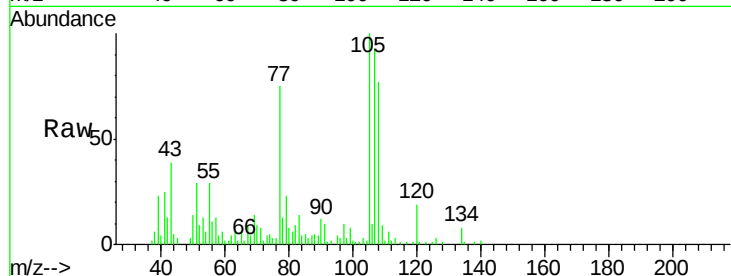




#20
3+4-Methylphenols
Concen: 3.11 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Instrument :
BNA_F
ClientSampleId :
S8-0663

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.4	71.0	111.0
77	80.4	90.5	130.5#
79	24.2	8.4	48.4



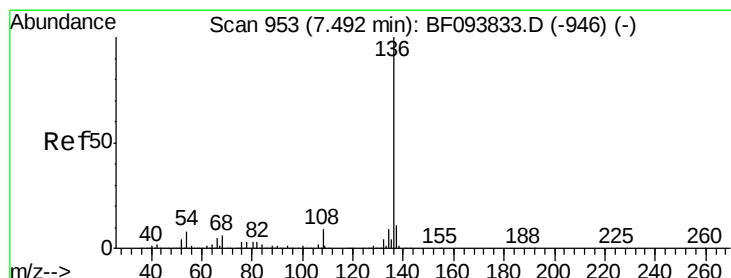
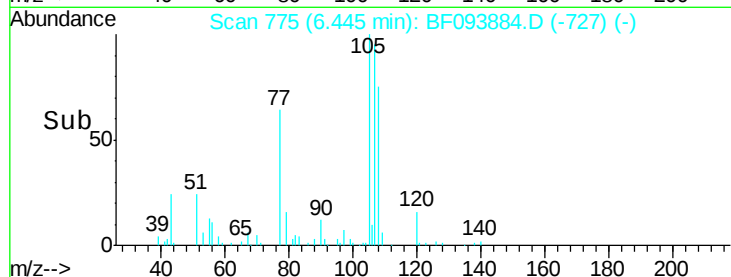
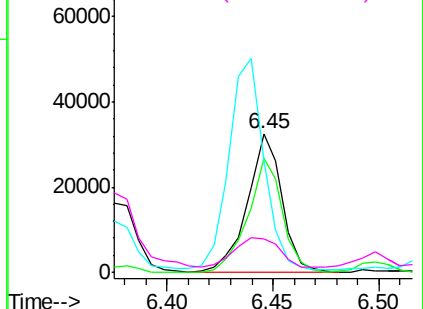
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

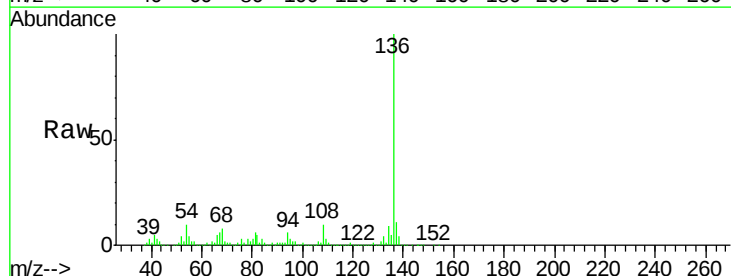
Ion 77.00 (76.70 to 77.70): BF0

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: BF093884.D
Acq: 23 Mar 2017 17:42

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	10.2	4.9	7.3#
68	8.1	4.1	6.1#



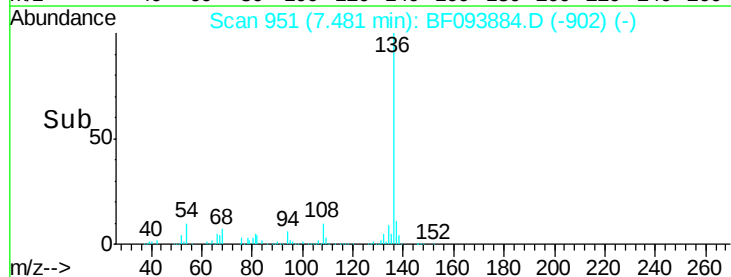
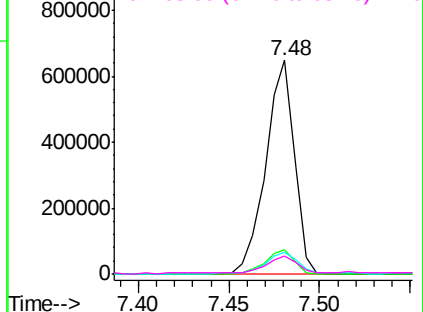
Abundance

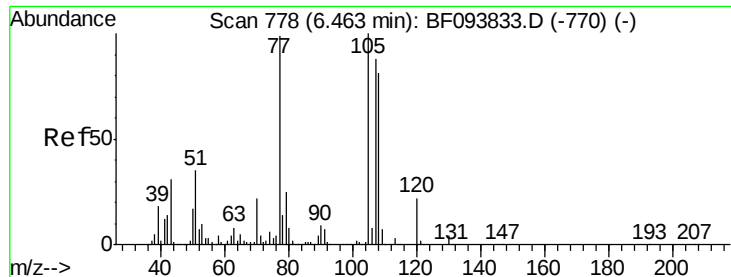
Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 6.39 ng

RT: 6.44 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF093884.D

Acq: 23 Mar 2017 17:42

Instrument :

BNA_F

ClientSampleId :

S8-0663

Tgt Ion:105 Resp: 100866

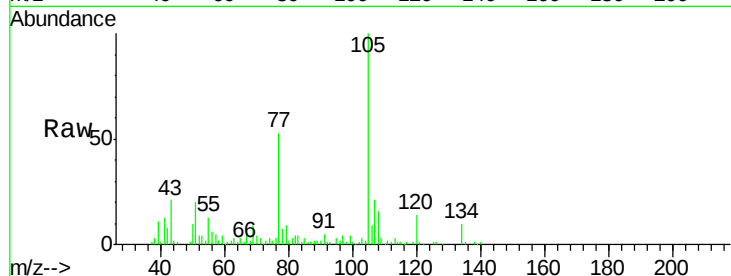
Ion Ratio Lower Upper

105 100

71 3.2 2.8 4.2

51 19.6 30.7 46.1#

120 14.0 17.4 26.0#

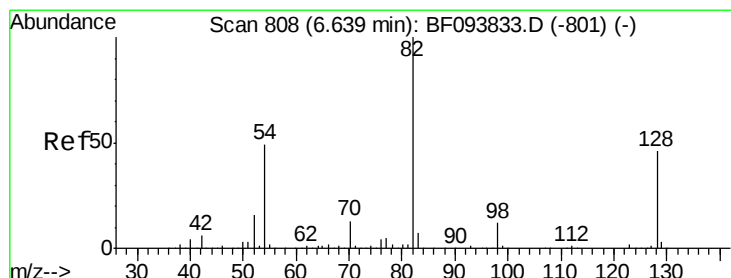
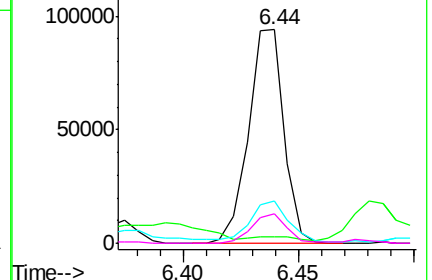
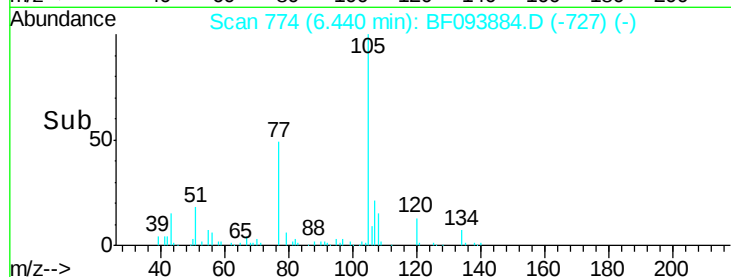


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 80.65 ng

RT: 6.62 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF093884.D

Acq: 23 Mar 2017 17:42

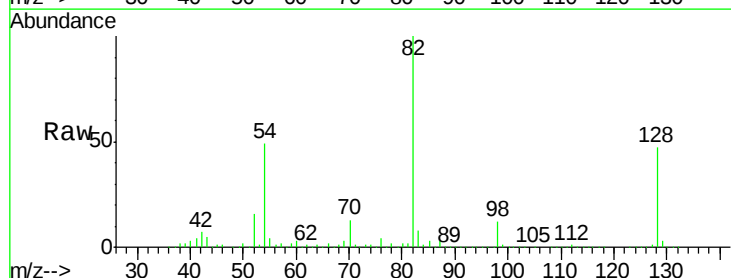
Tgt Ion: 82 Resp: 1001503

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

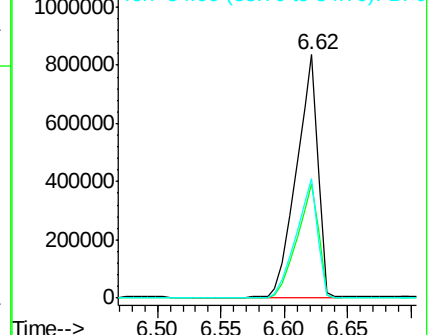
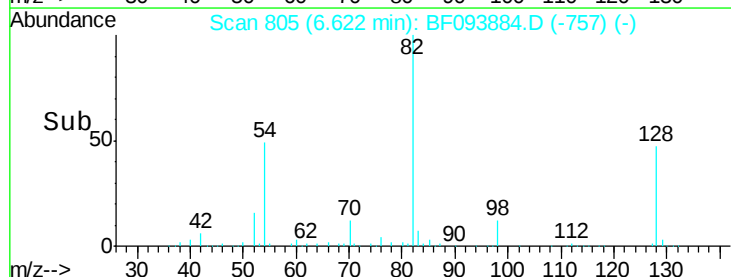
54 49.1 42.2 63.2

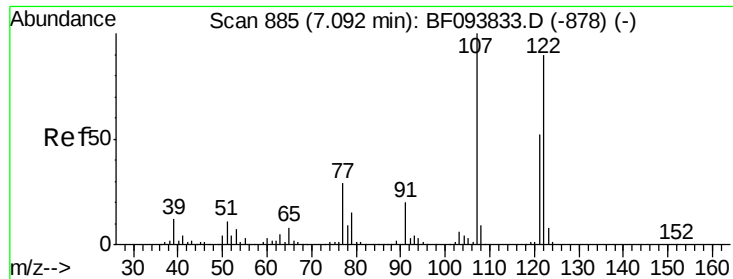


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

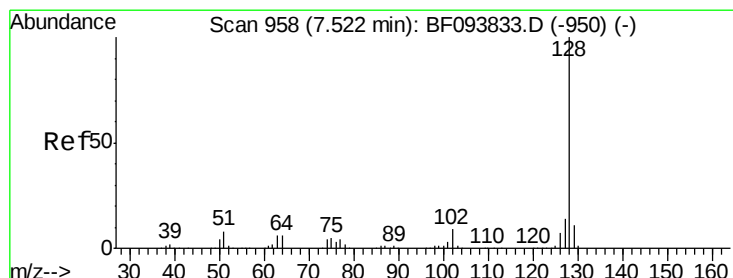
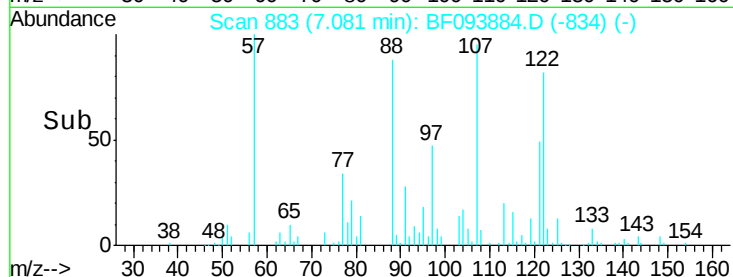
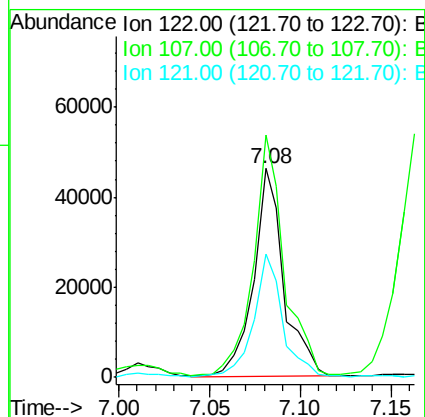
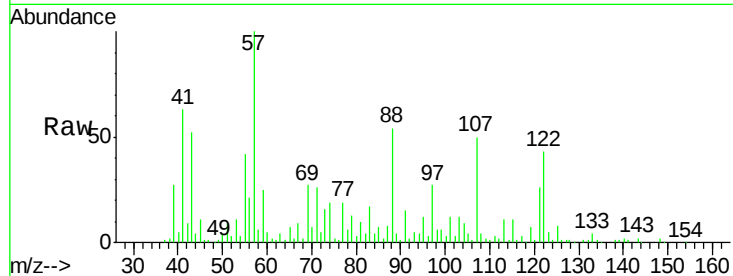




#27
2,4-Dimethylphenol
Concen: 5.31 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

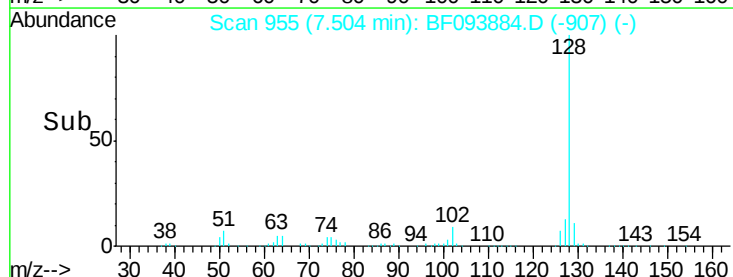
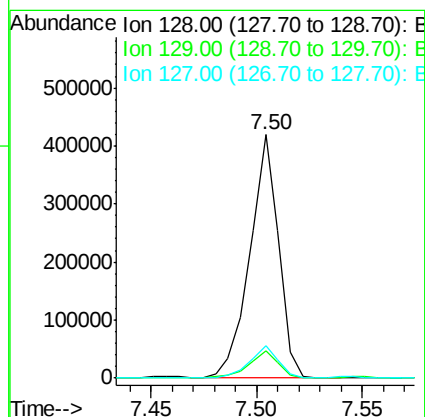
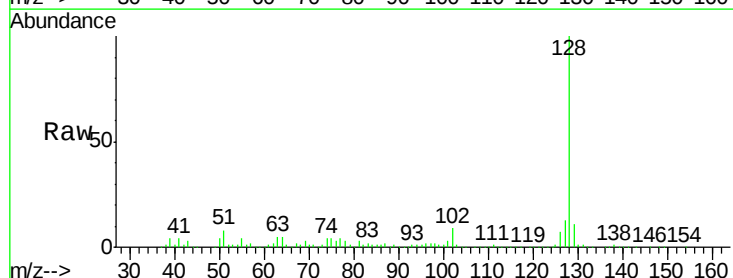
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BNA_F
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S8-0663

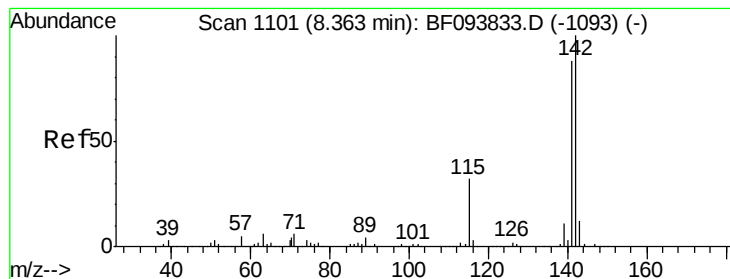
Tgt Ion:122 Resp: 53431
Ion Ratio Lower Upper
122 100
107 115.9 89.2 133.8
121 59.3 45.2 67.8



#31
Naphthalene
Concen: 11.60 ng
RT: 7.50 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Tgt Ion:128 Resp: 395314
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.8 16.2





#37

2-Methylnaphthalene

Concen: 5.30 ng

RT: 8.35 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BF093884.D

Acq: 23 Mar 2017 17:42

Instrument :

BNA_F

ClientSampleId :

S8-0663

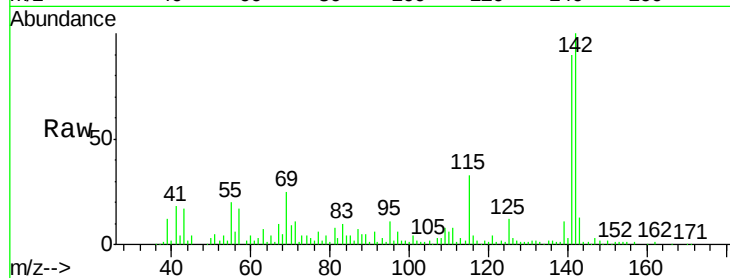
Tgt Ion:142 Resp: 120340

Ion Ratio Lower Upper

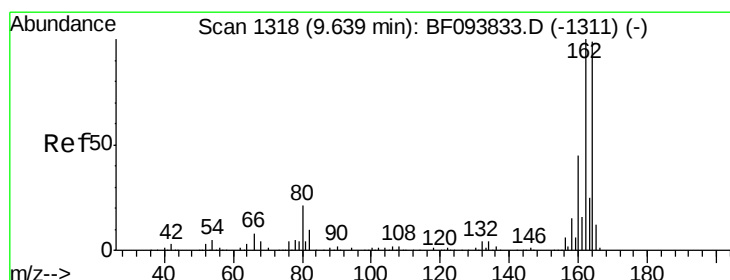
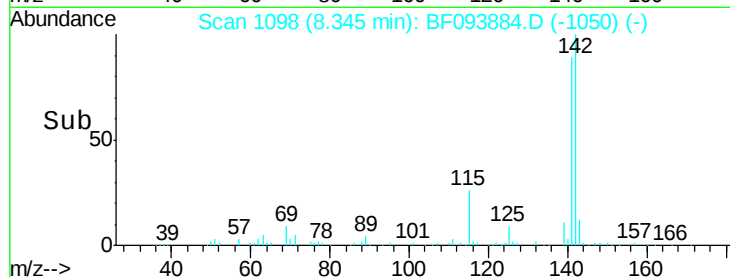
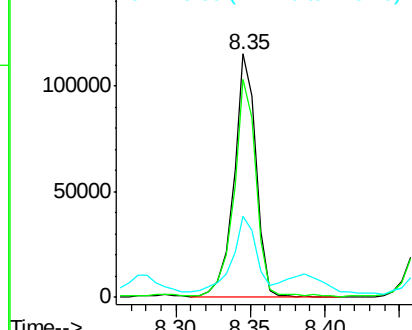
142 100

141 89.6 71.3 106.9

115 33.4 27.1 40.7



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: 9.62 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF093884.D

Acq: 23 Mar 2017 17:42

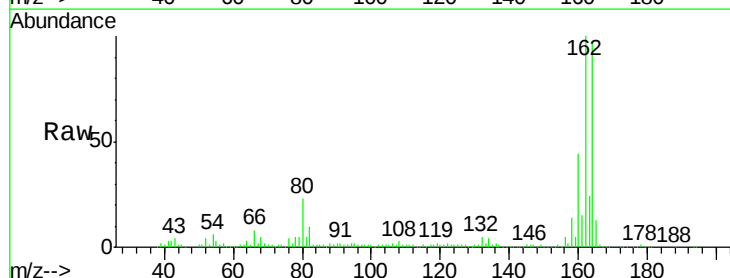
Tgt Ion:164 Resp: 323155

Ion Ratio Lower Upper

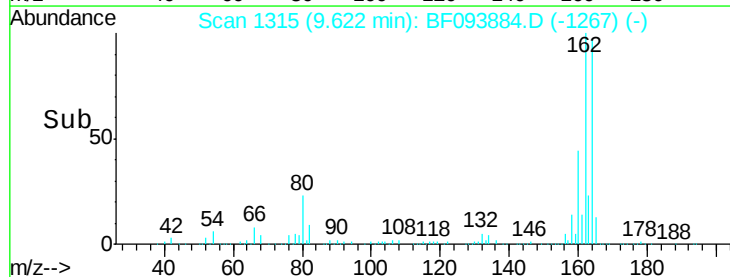
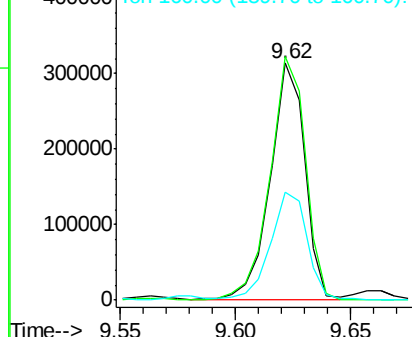
164 100

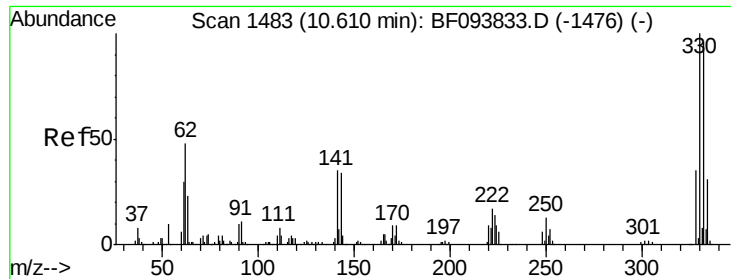
162 102.7 82.6 123.8

160 45.4 36.2 54.2



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

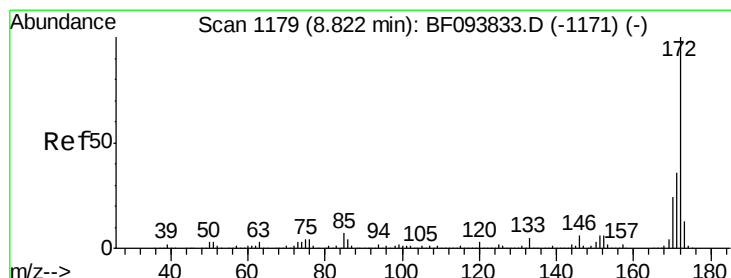
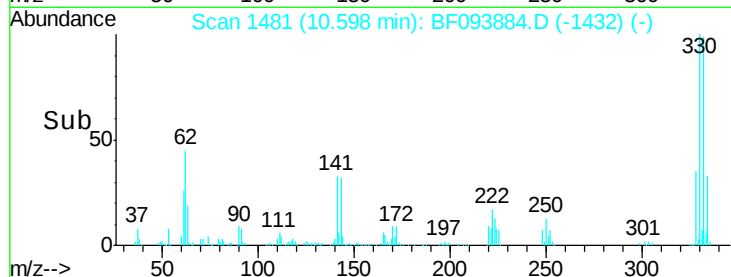
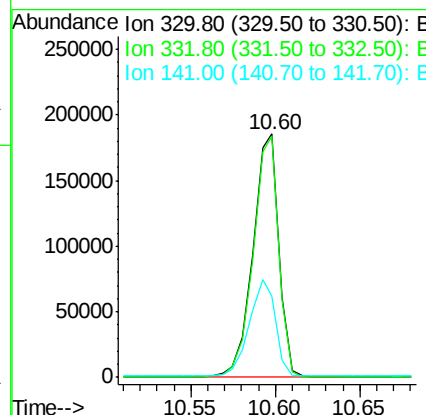
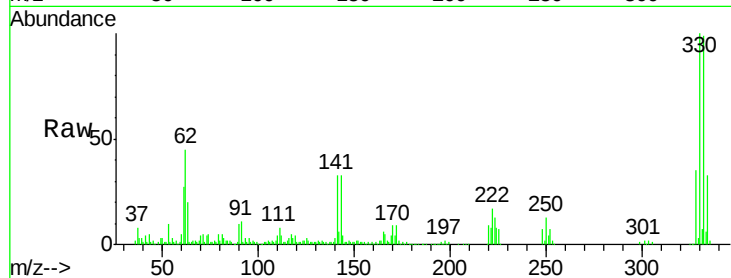




#41
 2,4,6-Tribromophenol
 Concen: 77.91 ng
 RT: 10.60 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF093884.D
 Acq: 23 Mar 2017 17:42

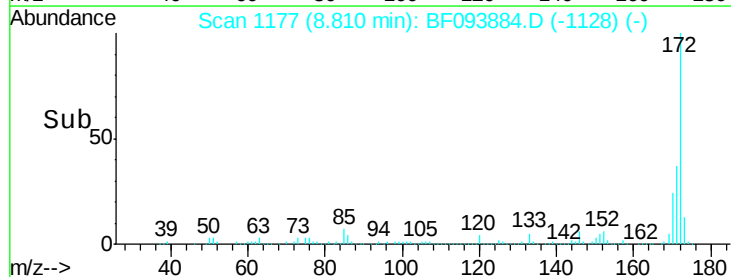
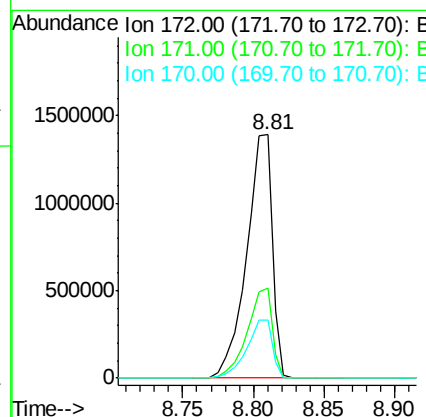
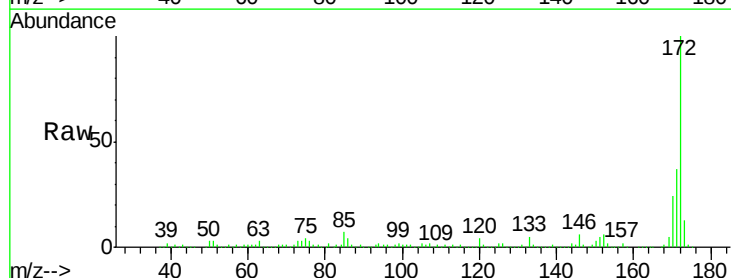
Instrument :
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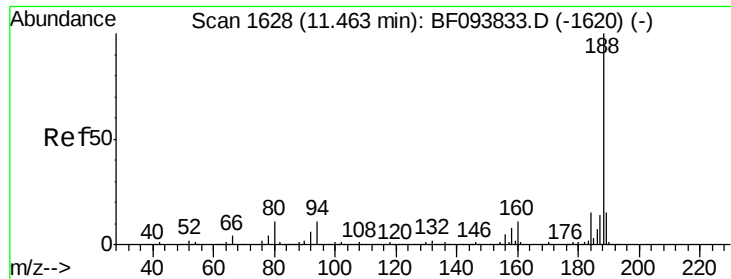
Tgt Ion: 330 Resp: 198955
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 115.0
 141 40.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 83.71 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF093884.D
 Acq: 23 Mar 2017 17:42

Tgt Ion: 172 Resp: 1773485
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.7 19.8 29.8

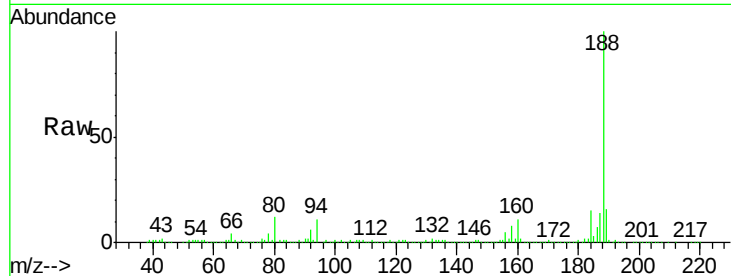




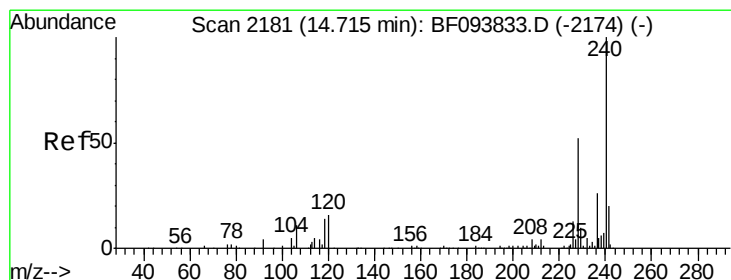
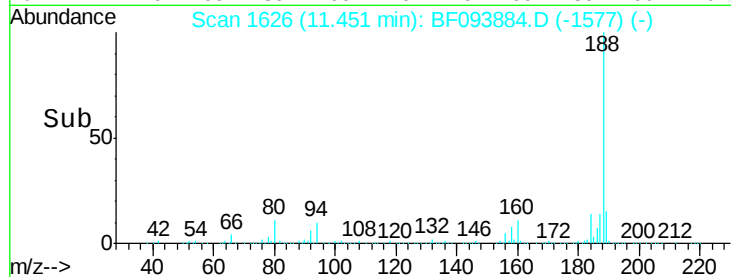
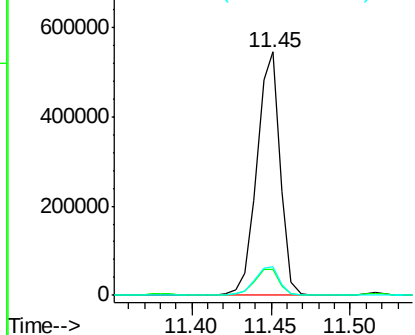
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Instrument :
BNA_F
ClientSampleId :
S8-0663

Tgt Ion:188 Resp: 554958
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.5 10.2 15.2

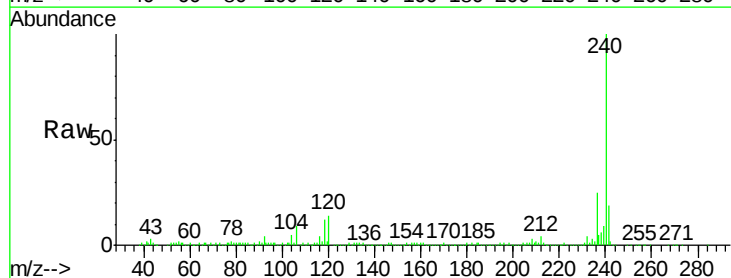


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

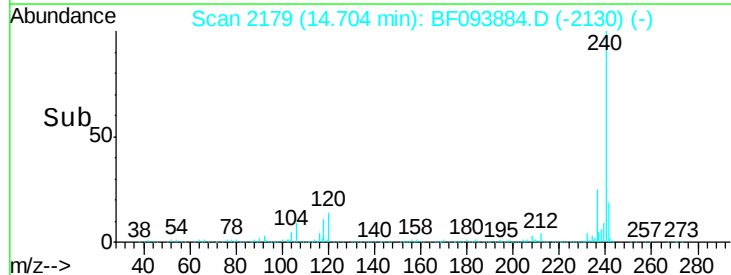
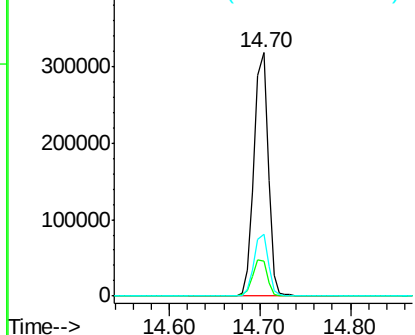


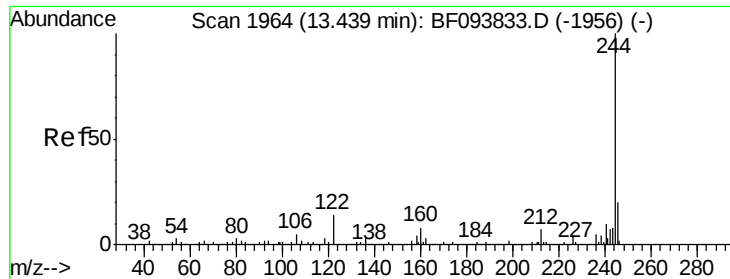
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Tgt Ion:240 Resp: 346317
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 25.3 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

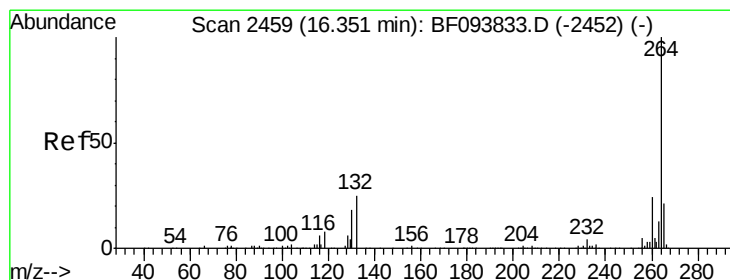
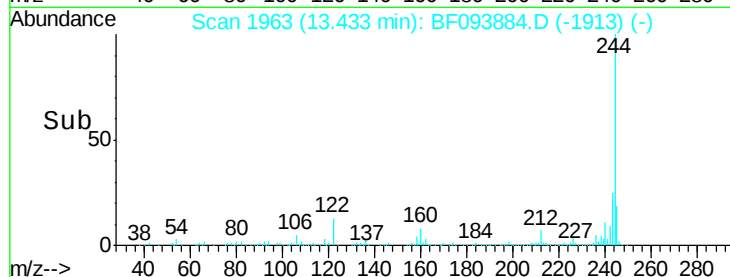
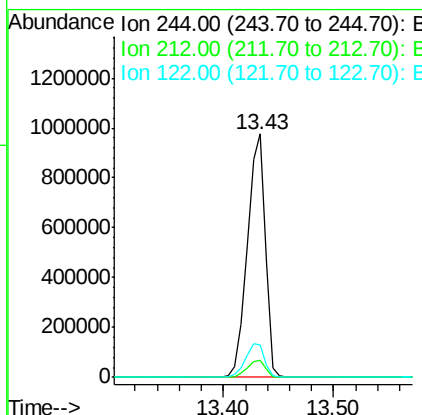
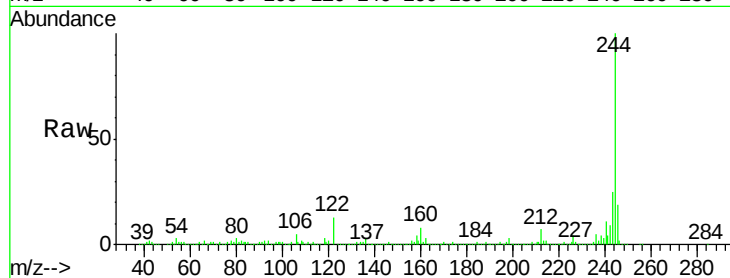




#78
 Terphenyl-d14
 Concen: 72.14 ng
 RT: 13.43 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BF093884.D
 Acq: 23 Mar 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 S8-0663

Tgt Ion:244 Resp: 1114511
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.34 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BF093884.D
 Acq: 23 Mar 2017 17:42

Tgt Ion:264 Resp: 289485
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.9 17.2 25.8

