

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
 Data File : BF076805.D
 Acq On : 10 Jan 2015 2:14
 Operator : IZ / TP
 Sample : G1052-01
 Misc : S DOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0406

Quant Time: Jan 10 03:54:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 10 00:03:10 2015
 Response via : Initial Calibration

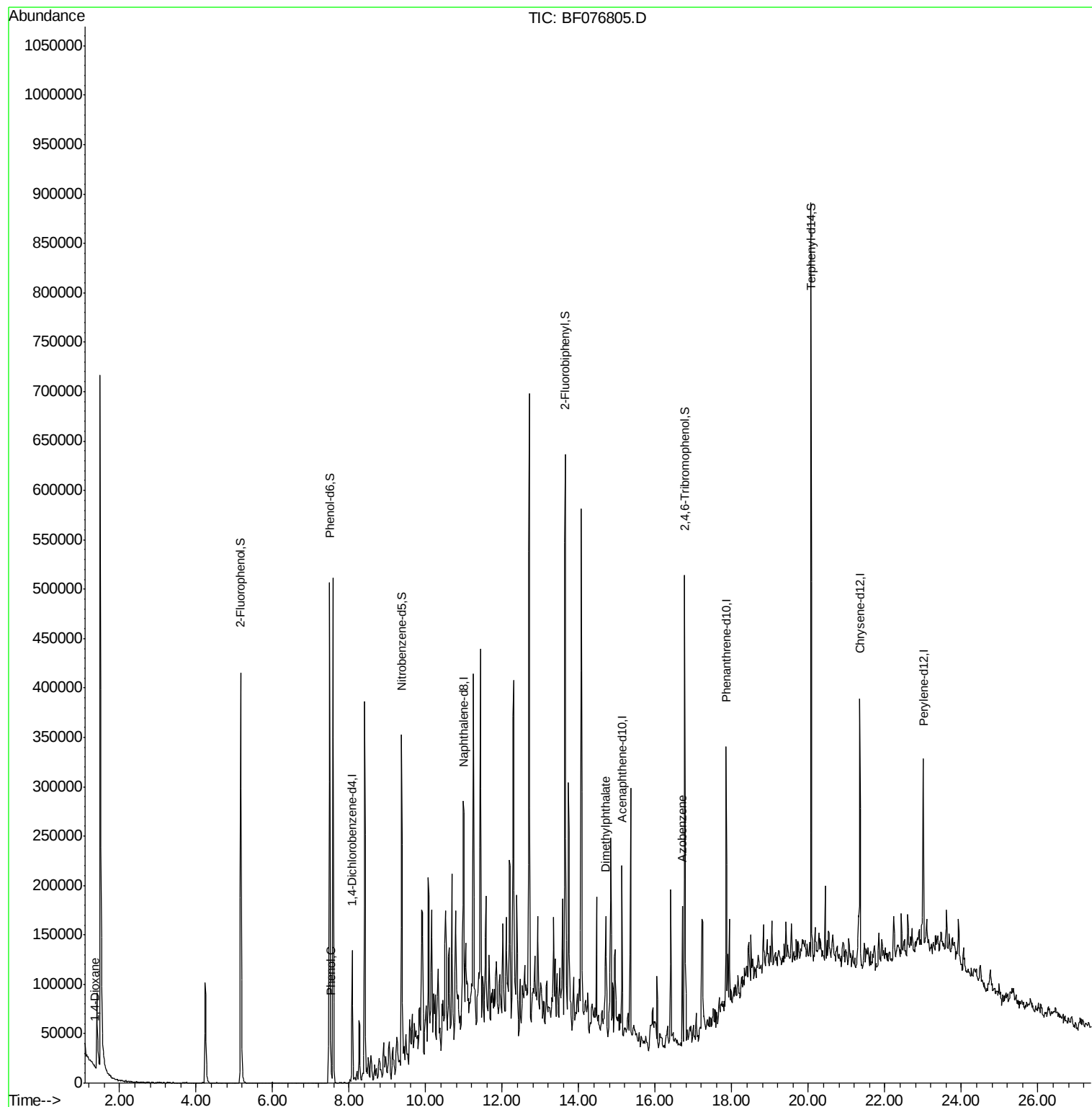
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33622	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	139510	20.00	ng	0.00
38) Acenaphthene-d10	15.13	164	75354	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	119831	20.00	ng	0.00
75) Chrysene-d12	21.34	240	111253	20.00	ng	-0.01
86) Perylene-d12	23.01	264	102024	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	204784	100.19	ng	-0.01
7) Phenol-d6	7.49	99	259641	100.82	ng	-0.01
23) Nitrobenzene-d5	9.37	82	163717	63.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	57519	89.09	ng	-0.01
44) 2-Fluorobiphenyl	13.65	172	307701	59.42	ng	0.00
78) Terphenyl-d14	20.07	244	274177	53.08	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.35	88	1774	2.06	ng	# 14
10) Phenol	7.51	94	6980	2.50	ng	# 68
49) Dimethylphthalate	14.70	163	55085	9.96	ng	# 99
62) Azobenzene	16.71	77	35124	5.91	ng	# 1

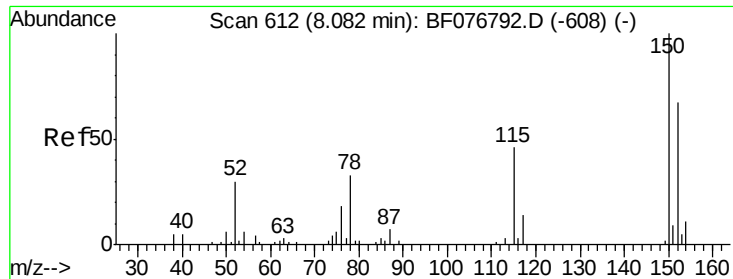
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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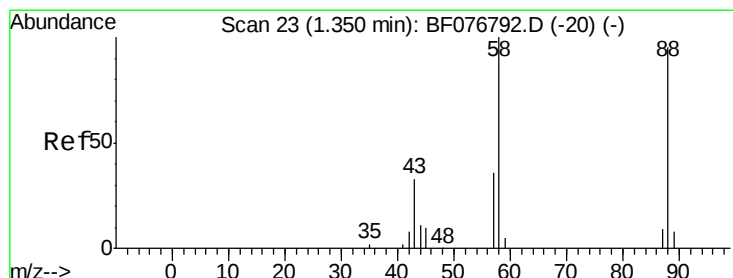
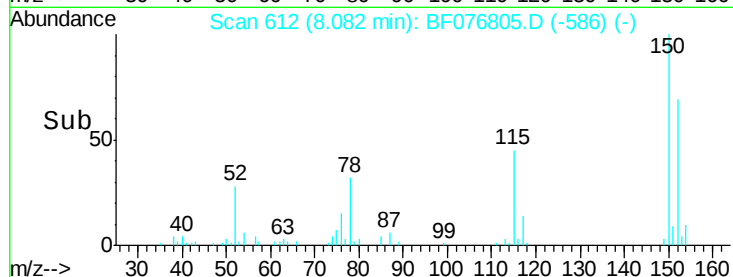
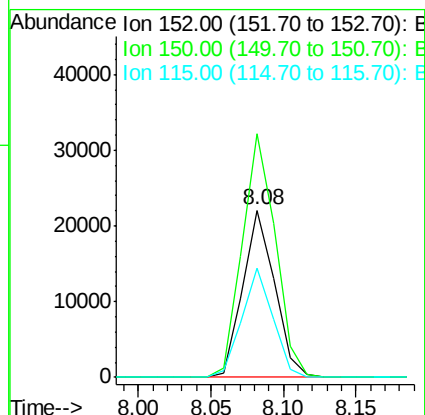
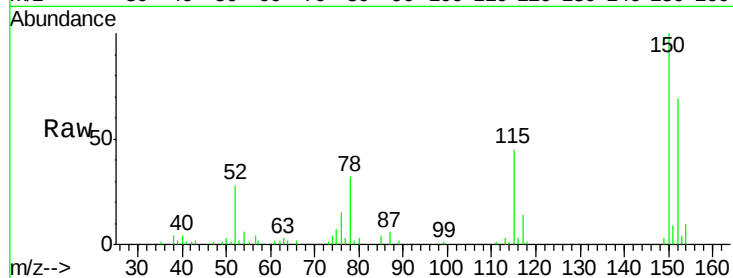




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF076805.D
 Acq: 10 Jan 2015 2:14

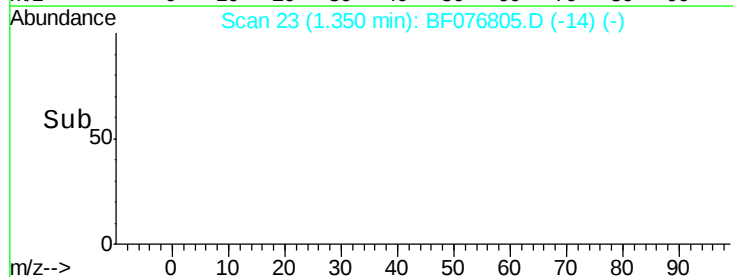
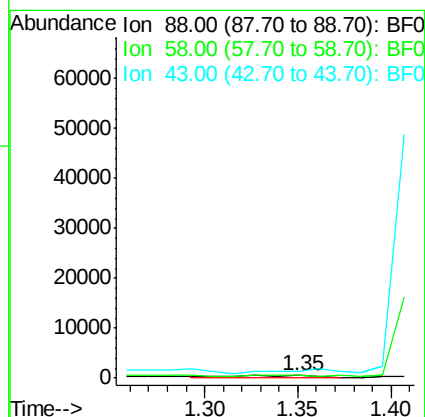
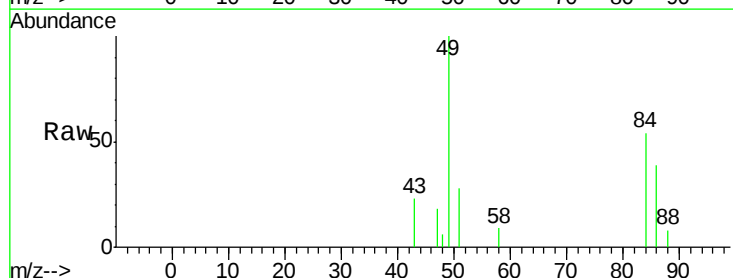
Instrument :
 BNA_F
 ClientSampleId :
 S8-0406

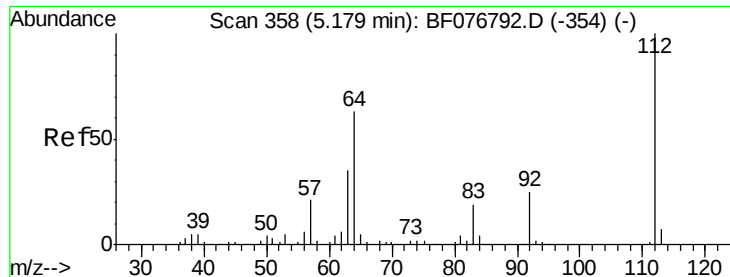
Tgt Ion: 152 Resp: 33622
 Ion Ratio Lower Upper
 152 100
 150 145.7 119.5 179.3
 115 65.7 54.6 81.8



#2
 1,4-Dioxane
 Concen: 2.06 ng
 RT: 1.35 min Scan# 23
 Delta R.T. 0.00 min
 Lab File: BF076805.D
 Acq: 10 Jan 2015 2:14

Tgt Ion: 88 Resp: 1774
 Ion Ratio Lower Upper
 88 100
 58 0.0 72.4 108.6#
 43 0.0 24.0 36.0#





#5

2-Fluorophenol

Concen: 100.19 ng

RT: 5.17 min Scan# 357

Delta R.T. -0.01 min

Lab File: BF076805.D

Acq: 10 Jan 2015 2:14

Instrument :

BNA_F

ClientSampled :

S8-0406

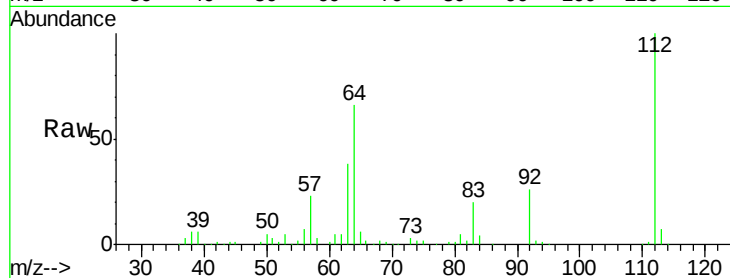
Tgt Ion: 112 Resp: 204784

Ion Ratio Lower Upper

112 100

64 65.9 50.2 75.4

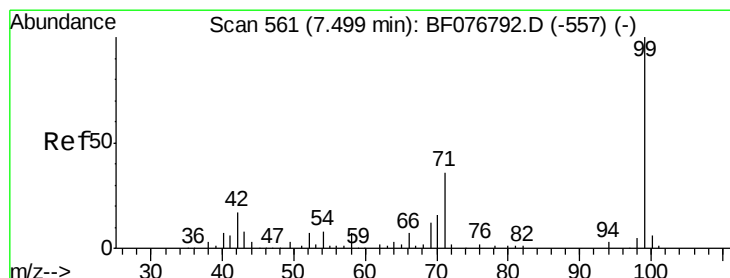
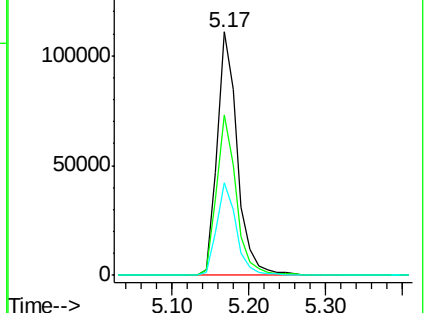
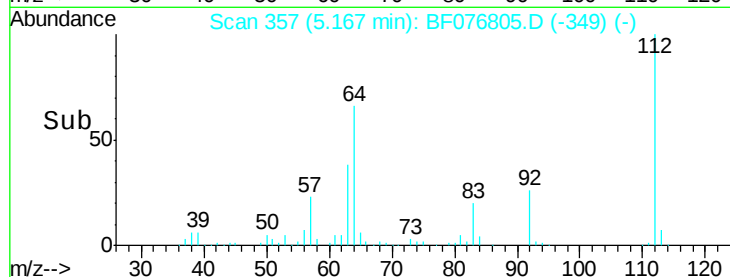
63 38.0 27.8 41.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 100.82 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076805.D

Acq: 10 Jan 2015 2:14

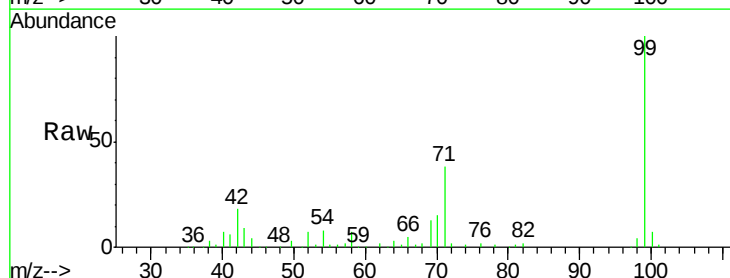
Tgt Ion: 99 Resp: 259641

Ion Ratio Lower Upper

99 100

42 18.0 13.3 19.9

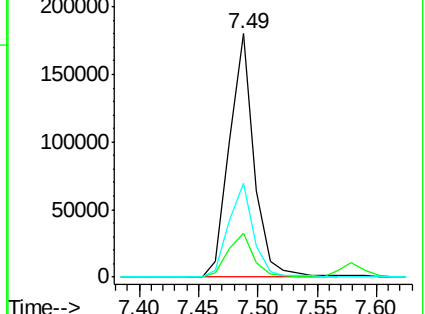
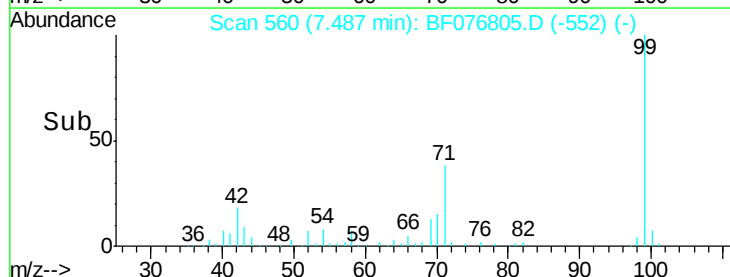
71 38.3 29.2 43.8

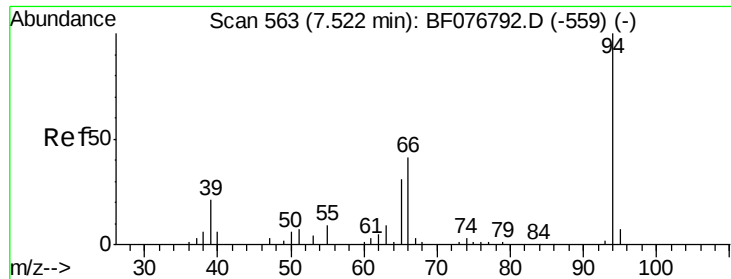


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.50 ng

RT: 7.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF076805.D

Acq: 10 Jan 2015 2:14

Instrument :

BNA_F

ClientSampleId :

S8-0406

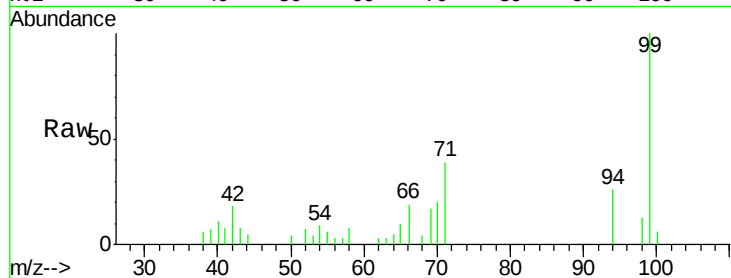
Tgt Ion: 94 Resp: 6980

Ion Ratio Lower Upper

94 100

65 38.6 11.6 51.6

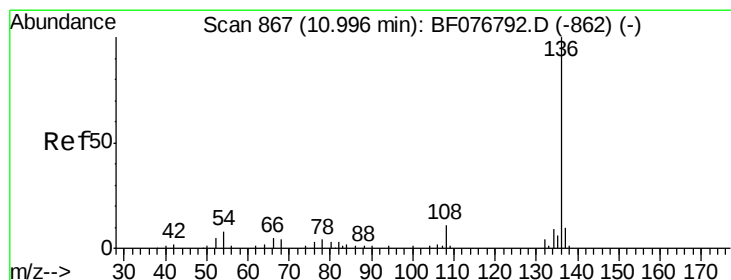
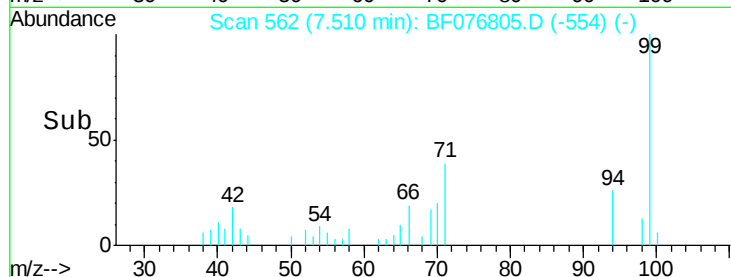
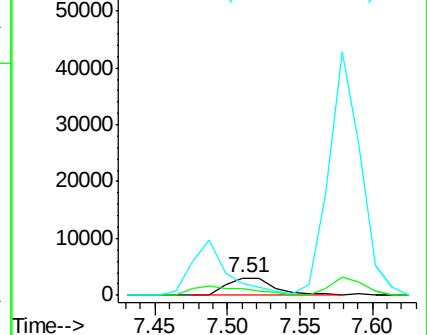
66 71.3 22.3 62.3#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF076805.D

Acq: 10 Jan 2015 2:14

Tgt Ion: 136 Resp: 139510

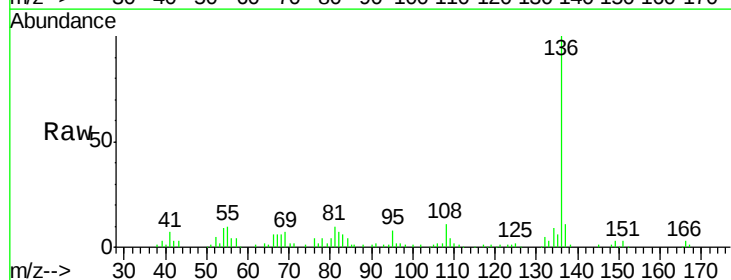
Ion Ratio Lower Upper

136 100

137 11.1 8.1 12.1

54 9.0 6.3 9.5

68 5.7 3.4 5.0#

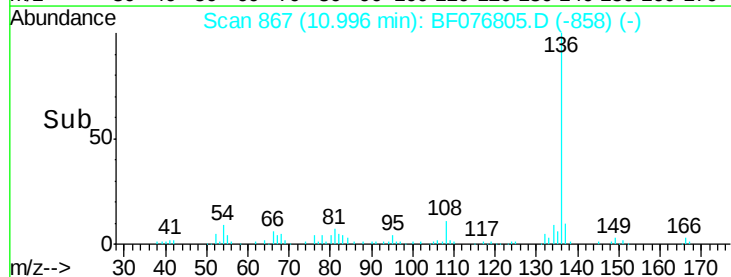
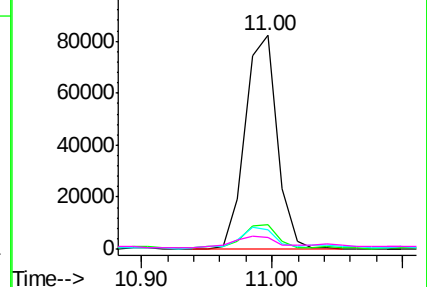


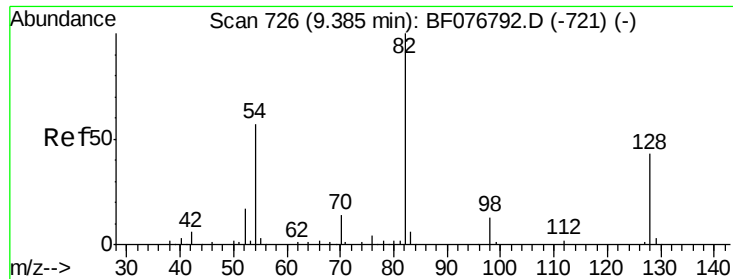
Abundance Ion 136.00 (135.70 to 136.70): E

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

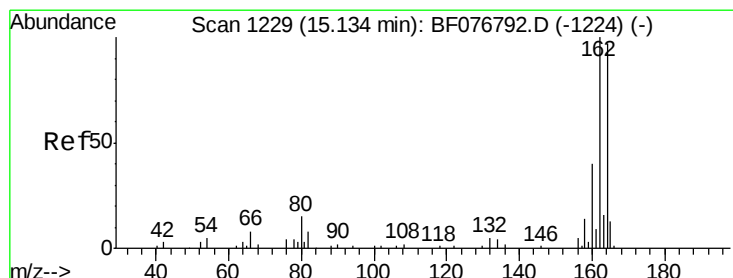
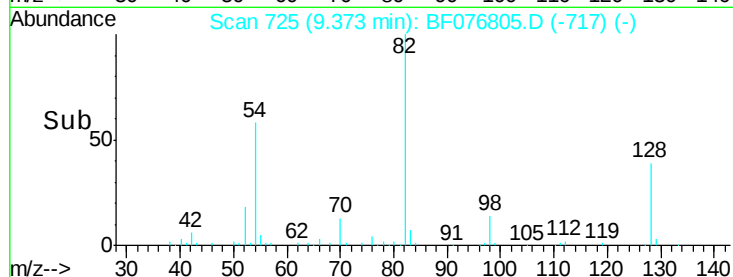
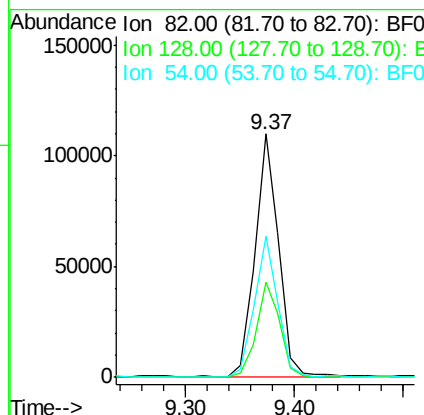
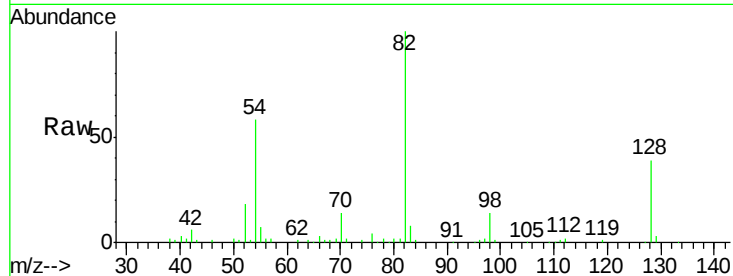




#23
Nitrobenzene-d5
Concen: 63.85 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

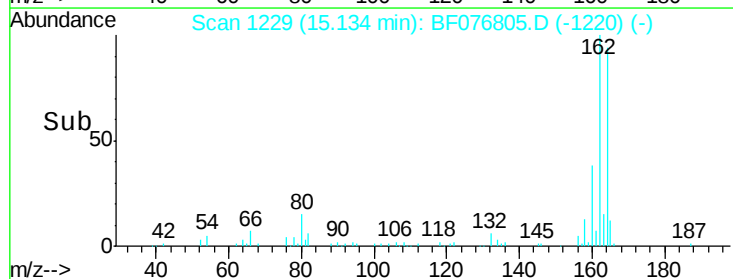
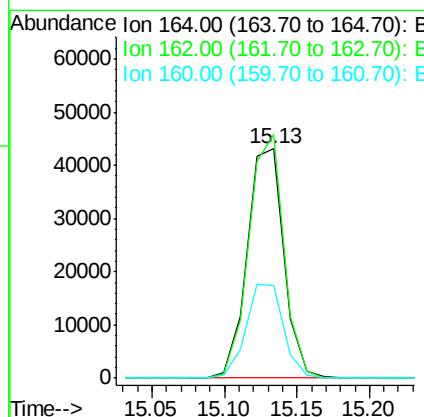
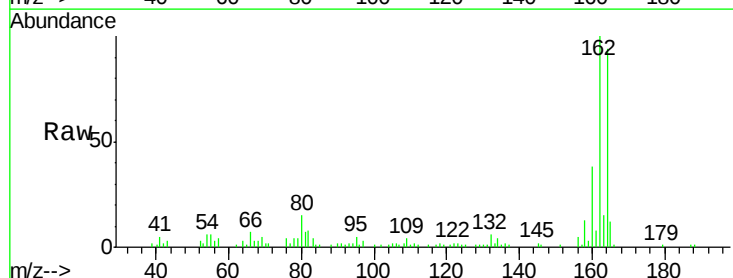
Instrument :
BNA_F
ClientSampleId :
S8-0406

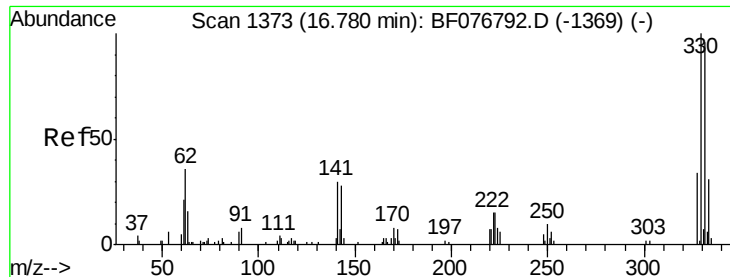
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.0	51.0
54	57.9	45.6	68.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.13 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.5	123.7
160	40.5	33.1	49.7





#41

2,4,6-Tribromophenol

Concen: 89.09 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076805.D

Acq: 10 Jan 2015 2:14

Instrument :

BNA_F

ClientSampled :

S8-0406

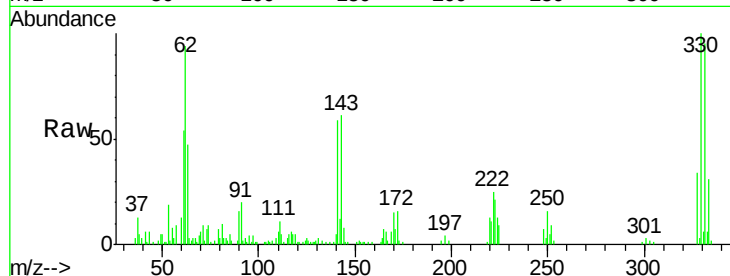
Tgt Ion:330 Resp: 57519

Ion Ratio Lower Upper

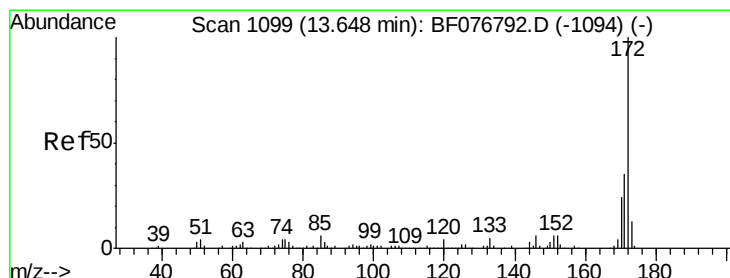
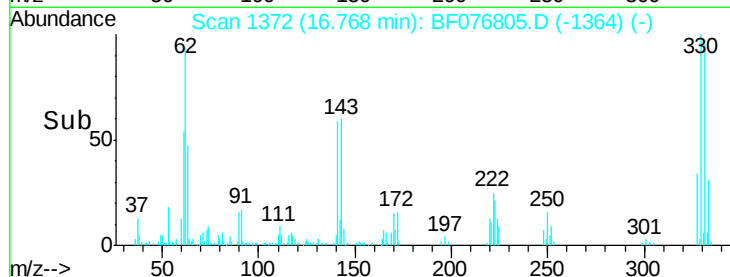
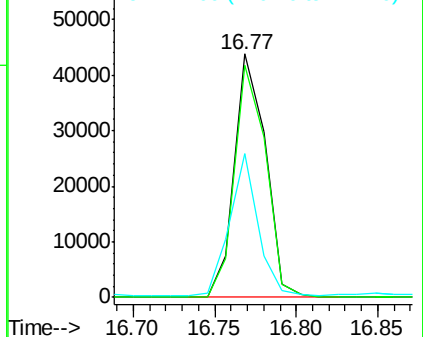
330 100

332 96.1 74.8 112.2

141 53.5 42.4 63.6



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: 59.42 ng

RT: 13.65 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF076805.D

Acq: 10 Jan 2015 2:14

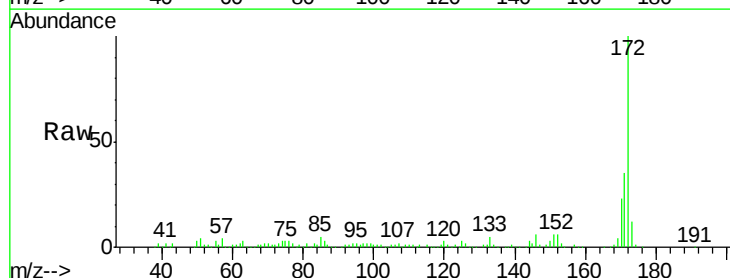
Tgt Ion:172 Resp: 307701

Ion Ratio Lower Upper

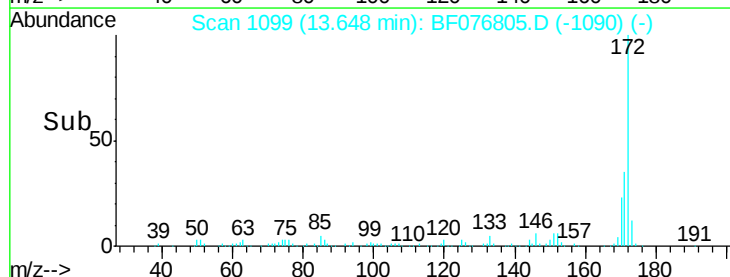
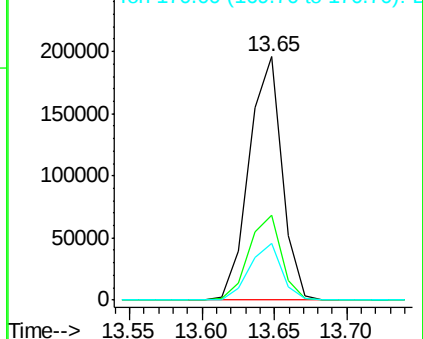
172 100

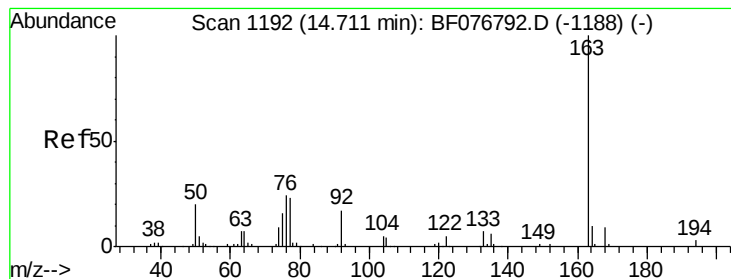
171 35.1 27.8 41.8

170 23.5 18.8 28.2



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: 9.96 ng

RT: 14.70 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF076805.D

Acq: 10 Jan 2015 2:14

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ClientSampleId :

S8-0406

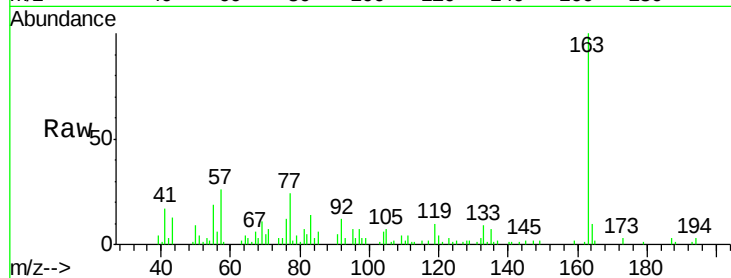
Tgt Ion: 163 Resp: 55085

Ion Ratio Lower Upper

163 100

194 3.5 2.3 3.5#

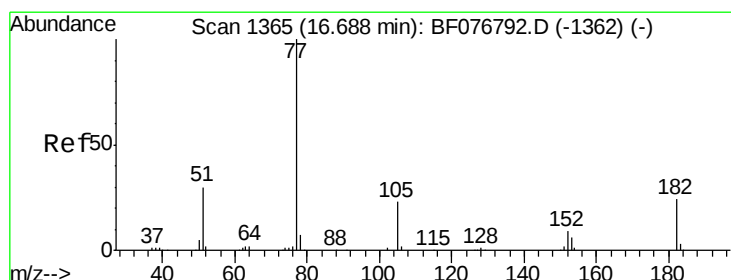
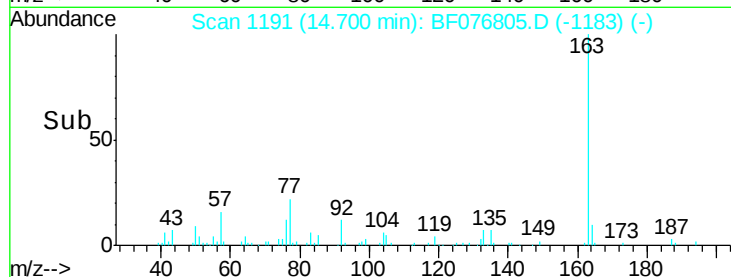
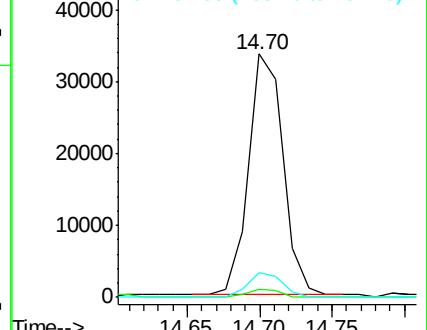
164 9.9 8.3 12.5



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



#62

Azobenzene

Concen: 5.91 ng

RT: 16.71 min Scan# 1367

Delta R.T. 0.02 min

Lab File: BF076805.D

Acq: 10 Jan 2015 2:14

Tgt Ion: 77 Resp: 35124

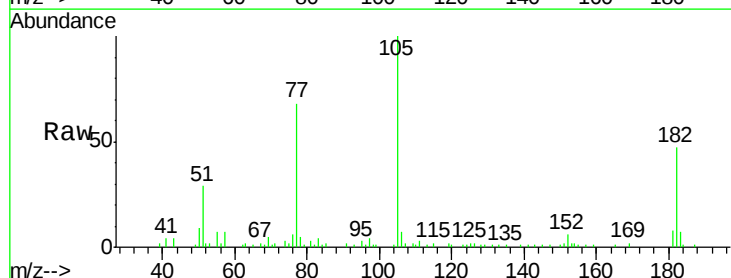
Ion Ratio Lower Upper

77 100

182 69.6 3.7 43.7#

105 147.5 2.7 42.7#

51 42.6 11.8 51.8

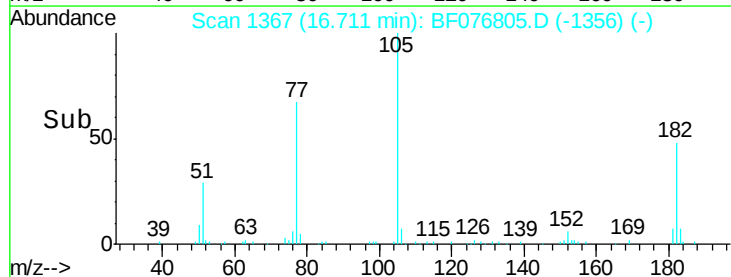
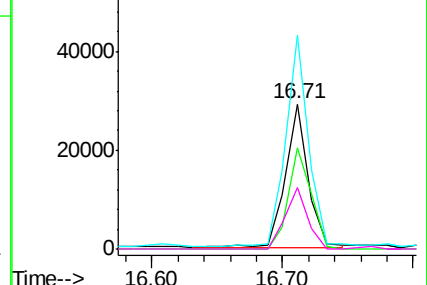


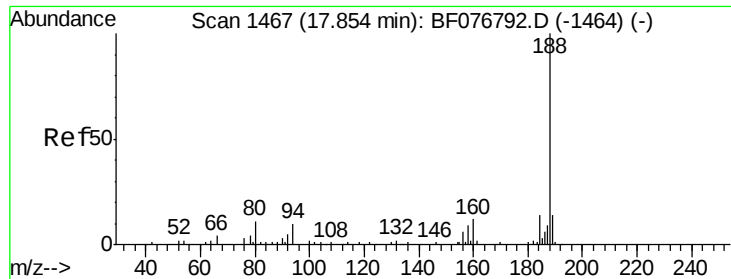
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

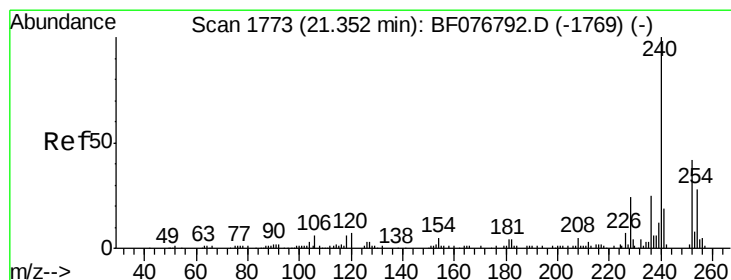
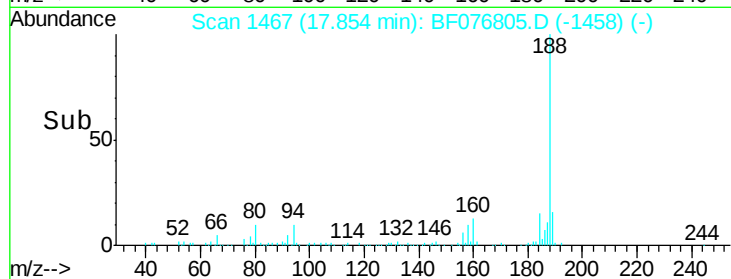
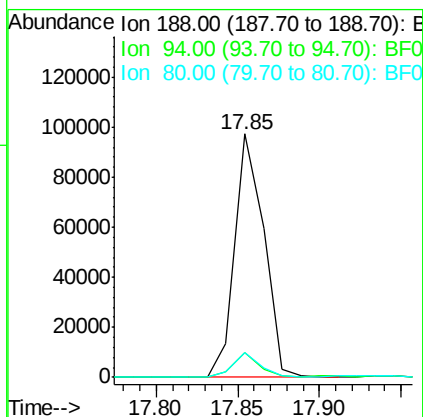
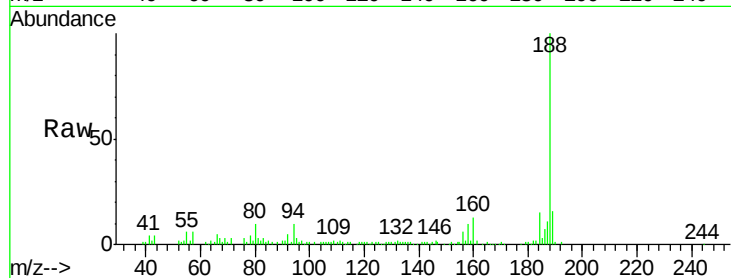




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

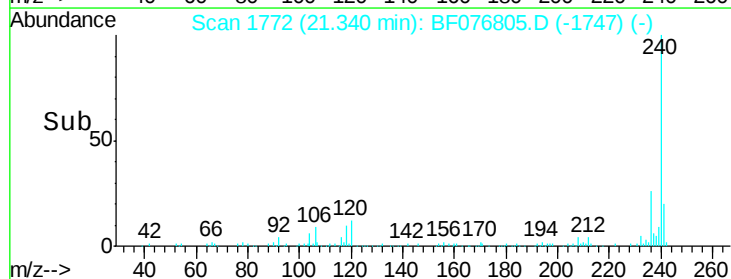
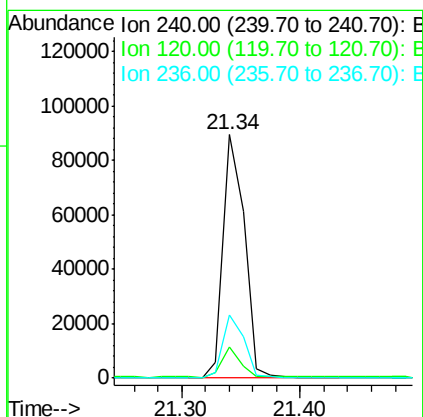
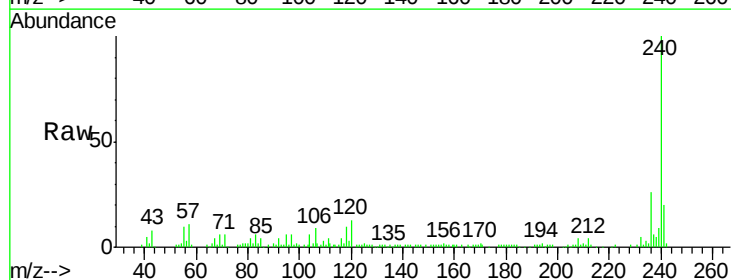
Instrument :
BNA_F
ClientSampleId :
S8-0406

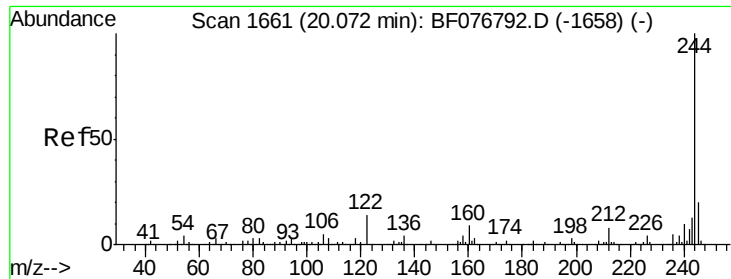
Tgt Ion:188 Resp: 119831
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.2 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Tgt Ion:240 Resp: 111253
Ion Ratio Lower Upper
240 100
120 12.7 5.7 8.5#
236 25.9 19.7 29.5

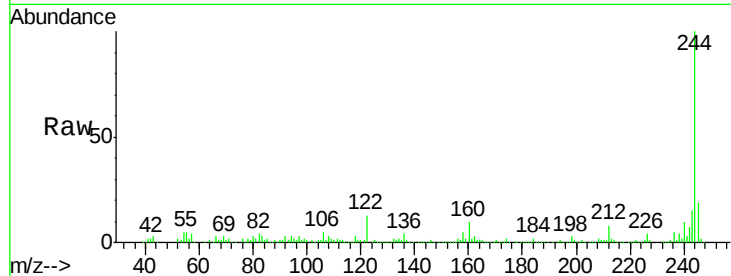




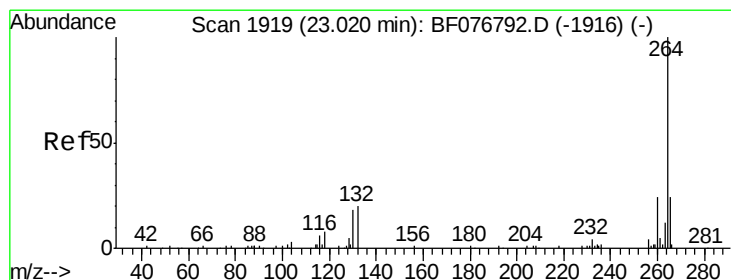
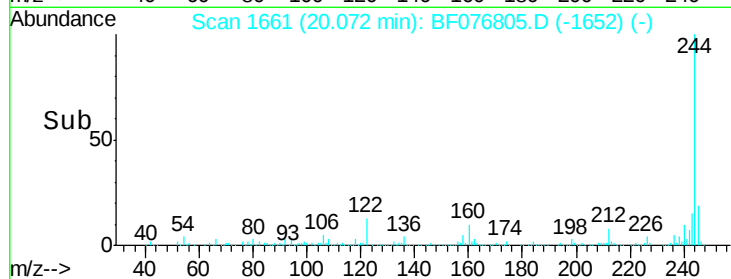
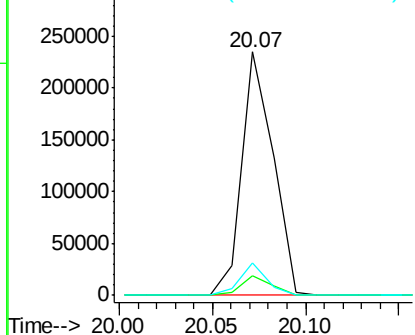
#78
 Terphenyl-d14
 Concen: 53.08 ng
 RT: 20.07 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BF076805.D
 Acq: 10 Jan 2015 2:14

Instrument :
 BNA_F
 ClientSampleId :
 S8-0406

Tgt Ion: 244 Resp: 274177
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.4 11.3 16.9

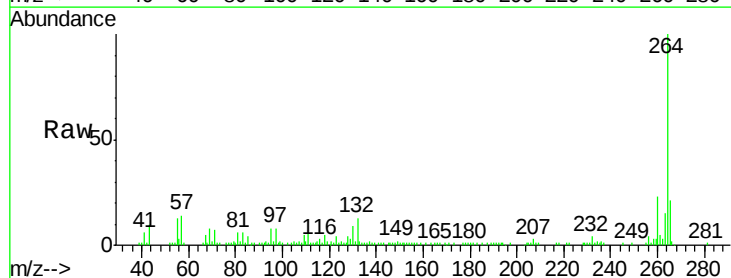


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.01 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BF076805.D
 Acq: 10 Jan 2015 2:14

Tgt Ion: 264 Resp: 102024
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.0
 265 21.1 18.9 28.3



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

