

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085814.D
 Acq On : 28 Mar 2016 21:13
 Operator : UM/SJ
 Sample : H1937-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)

Quant Time: Mar 29 03:37:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

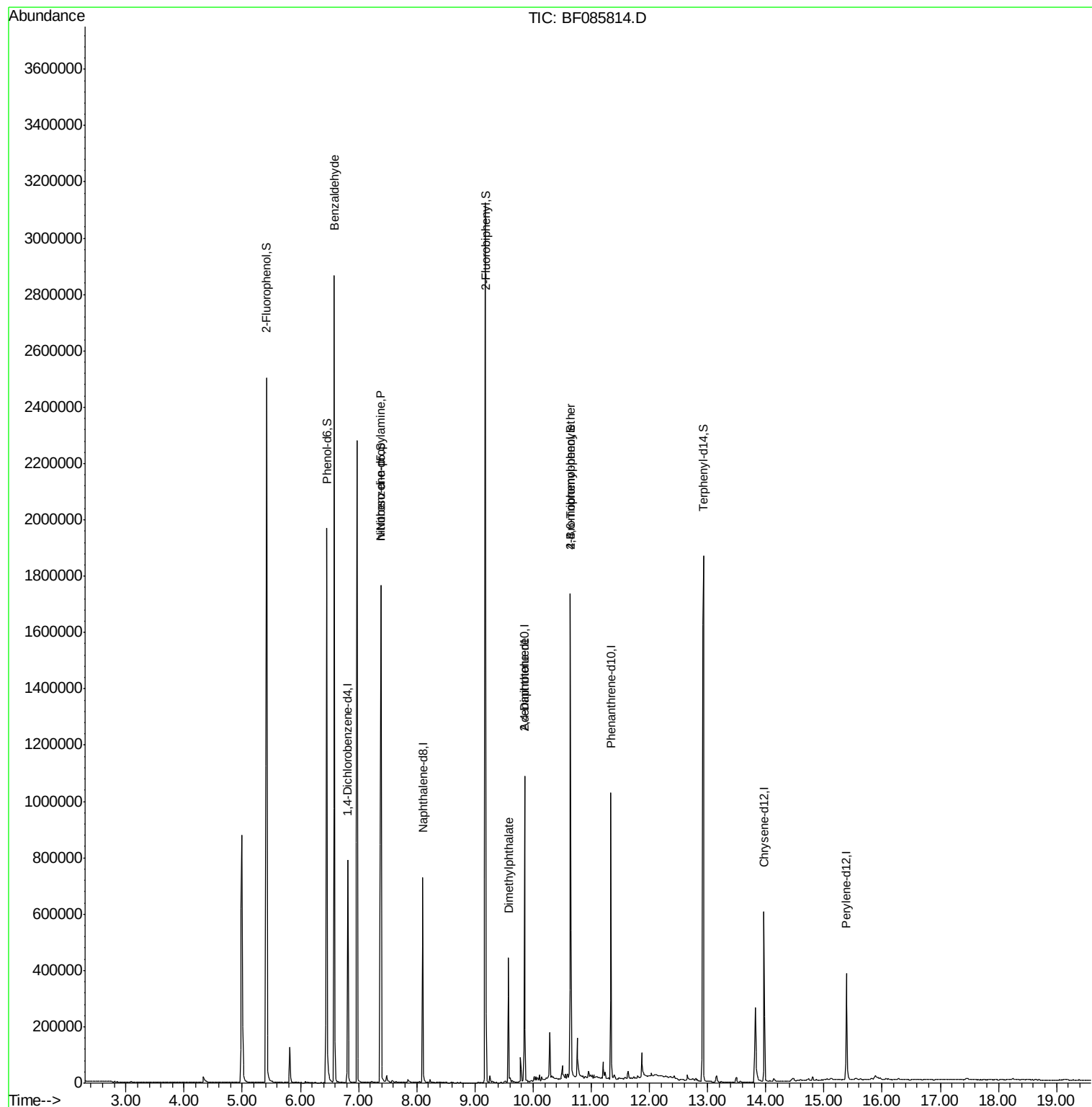
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	113223	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	443865	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	203527	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	373113	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	221621	20.00	ng	-0.01
86) Perylene-d12	15.39	264	189695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	819189	120.50	ng	0.01
7) Phenol-d6	6.46	99	1093398	126.50	ng	0.00
23) Nitrobenzene-d5	7.38	82	668852	84.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	231538	119.74	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	949724	77.96	ng	-0.01
78) Terphenyl-d14	12.93	244	829791	77.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	18434	3.54	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.38	70	89016	17.20	ng	# 76
49) Dimethylphthalate	9.58	163	239234	15.49	ng	98
56) 2,4-Dinitrotoluene	9.85	165	25829	6.11	ng	# 37
66) 4-Bromophenyl-phenylether	10.64	248	14967	3.92	ng	# 1

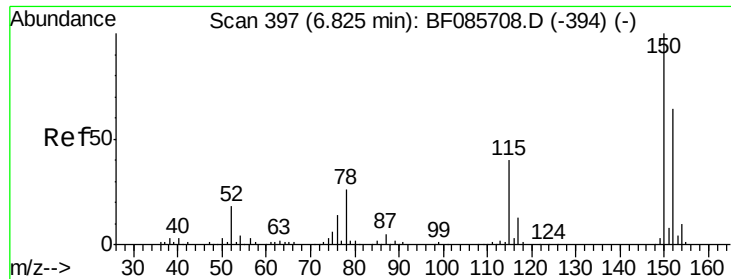
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)

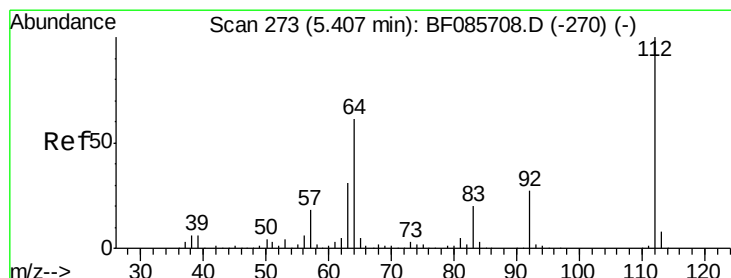
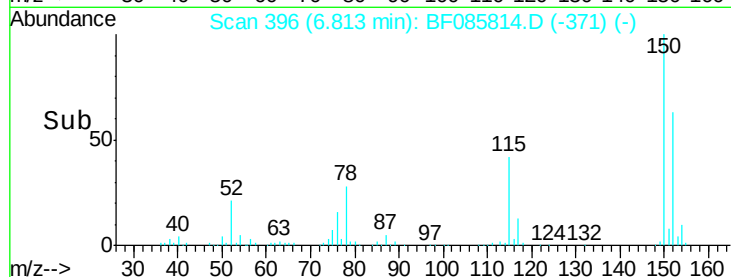
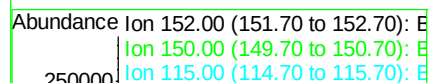
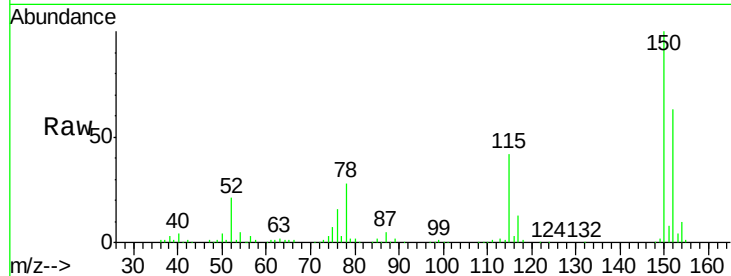
Tgt Ion:152 Resp: 113223

Ion Ratio Lower Upper

152 100

150 158.1 124.2 186.2

115 67.0 47.0 70.6



#5

2-Fluorophenol

Concen: 120.50 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

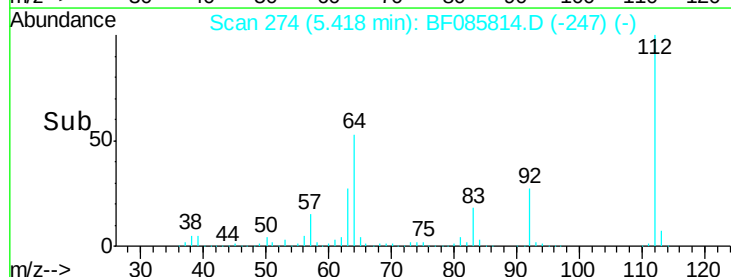
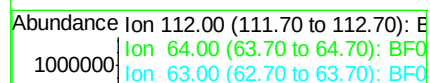
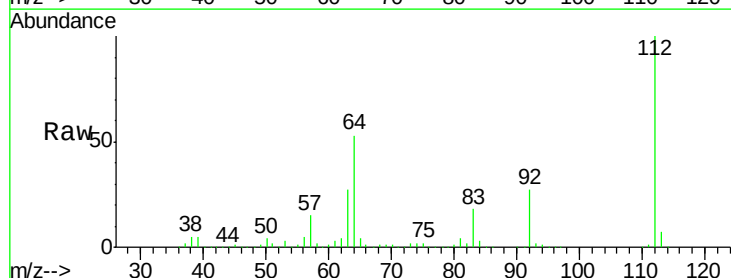
Tgt Ion:112 Resp: 819189

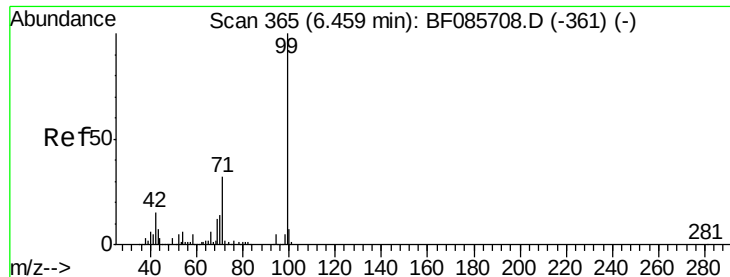
Ion Ratio Lower Upper

112 100

64 52.6 39.9 59.9

63 26.8 20.2 30.2





#7

Phenol-d6

Concen: 126.50 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

Instrument :

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ClientSampleId :

GW-04(16-18)

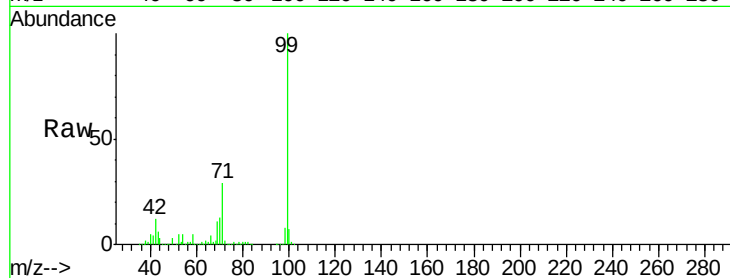
Tgt Ion: 99 Resp: 1093398

Ion Ratio Lower Upper

99 100

42 11.9 11.1 16.7

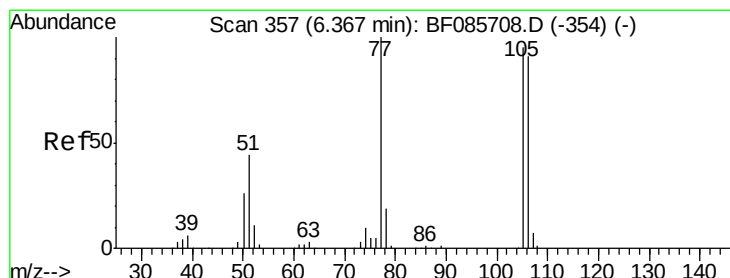
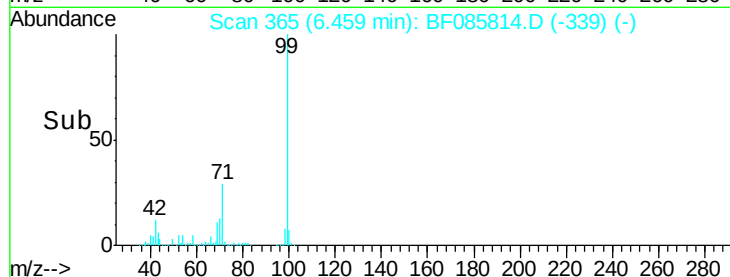
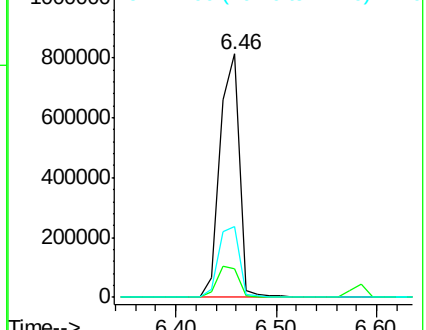
71 28.9 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.54 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

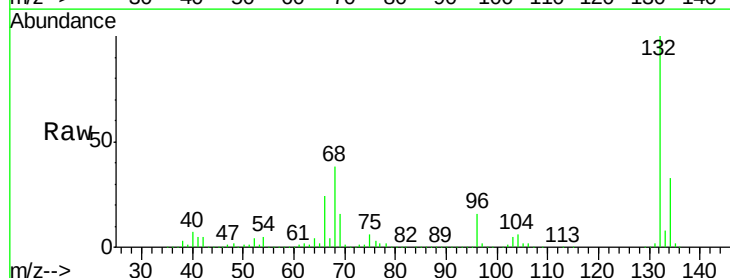
Tgt Ion: 77 Resp: 18434

Ion Ratio Lower Upper

77 100

105 87.2 80.1 120.1

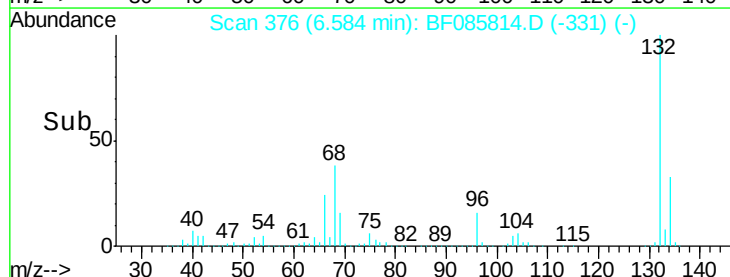
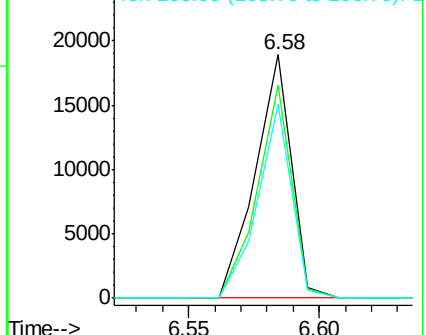
106 79.4 75.0 115.0

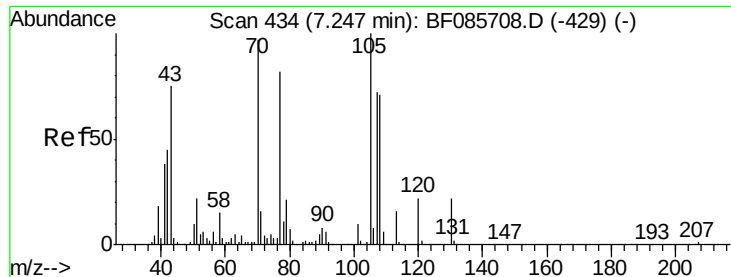


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

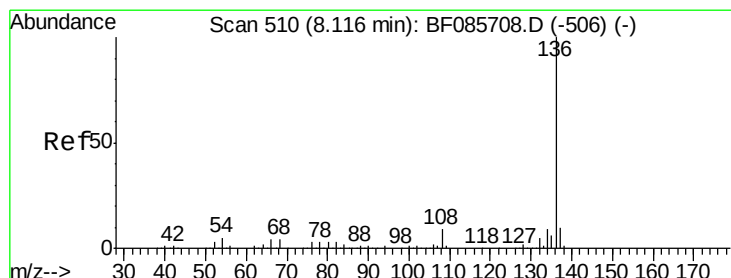
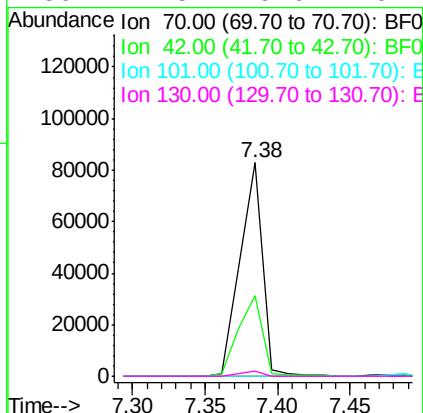
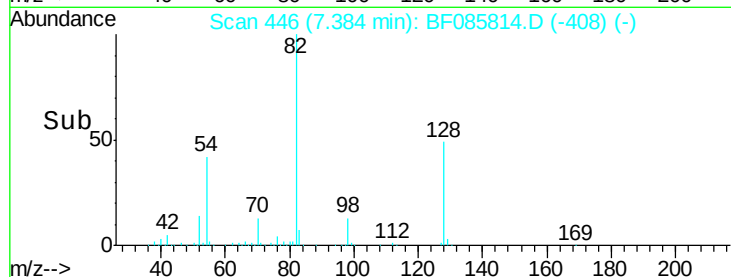
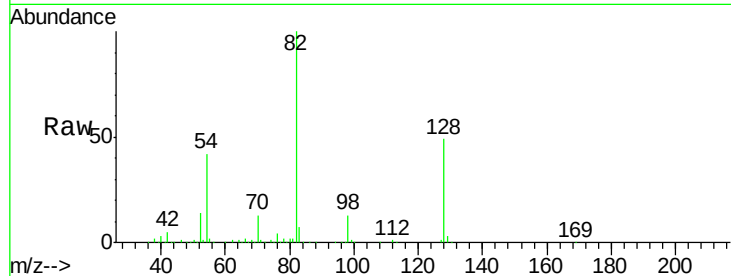




#19
n-Nitroso-di-n-propylamine
Concen: 17.20 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF085814.D
Acq: 28 Mar 2016 21:13

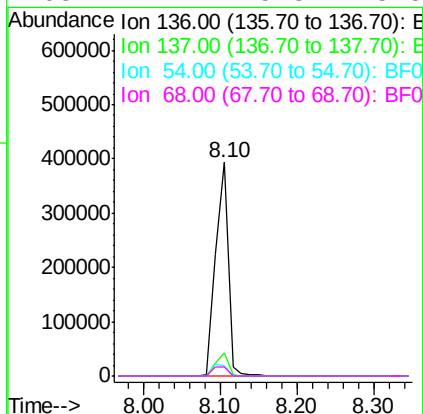
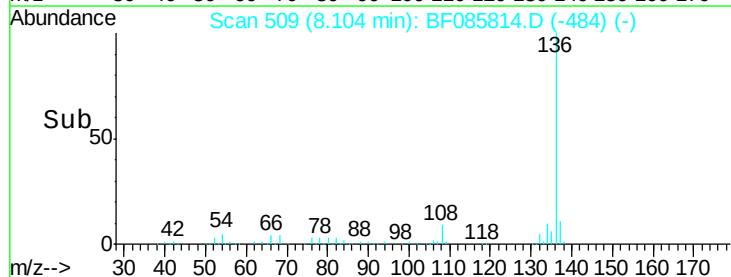
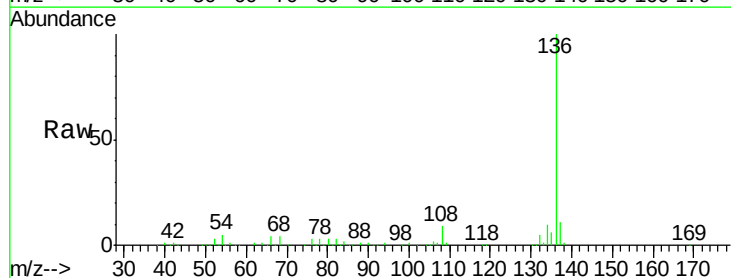
Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)

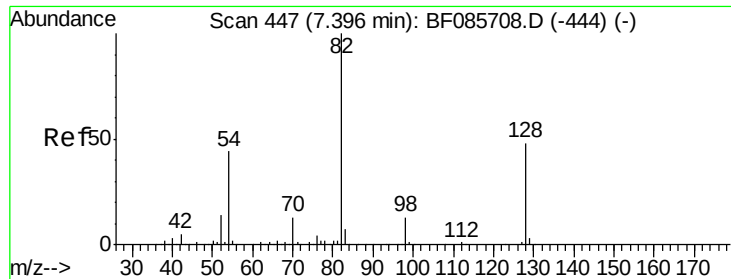
Tgt Ion: 70 Resp: 89016
Ion Ratio Lower Upper
70 100
42 37.9 37.1 55.7
101 0.0 8.6 12.8#
130 2.5 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085814.D
Acq: 28 Mar 2016 21:13

Tgt Ion: 136 Resp: 443865
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 4.9 7.4 11.0#
68 4.1 5.8 8.8#

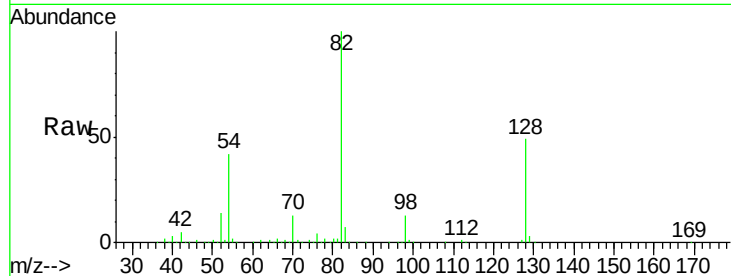




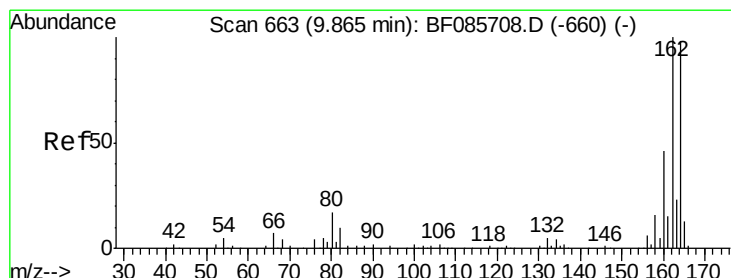
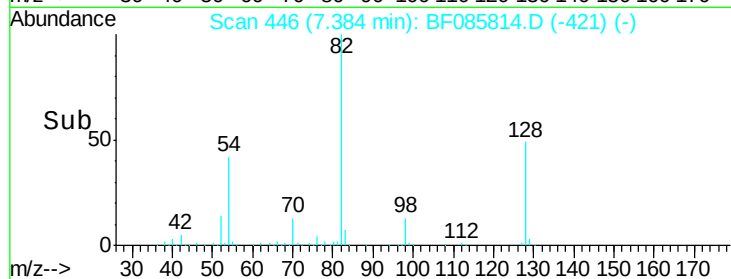
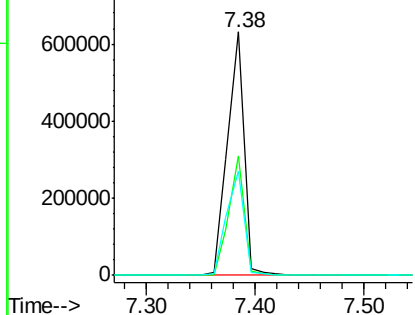
#23
 Nitrobenzene-d5
 Concen: 84.86 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085814.D
 Acq: 28 Mar 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	41.8	62.8
54	42.5	33.4	50.0

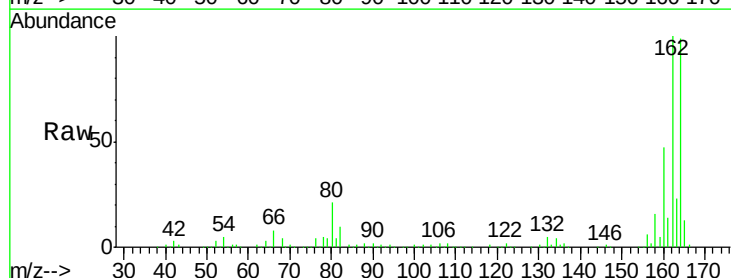


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

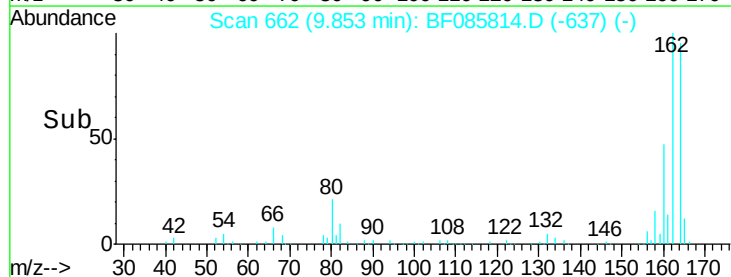
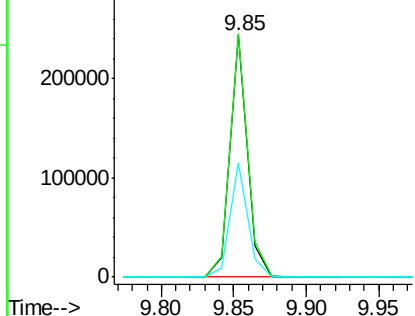


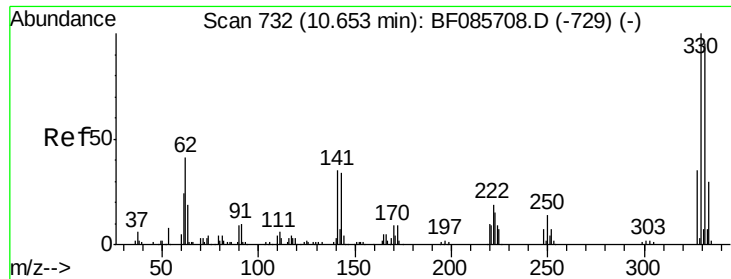
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085814.D
 Acq: 28 Mar 2016 21:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.1	123.1
160	47.0	37.4	56.2



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

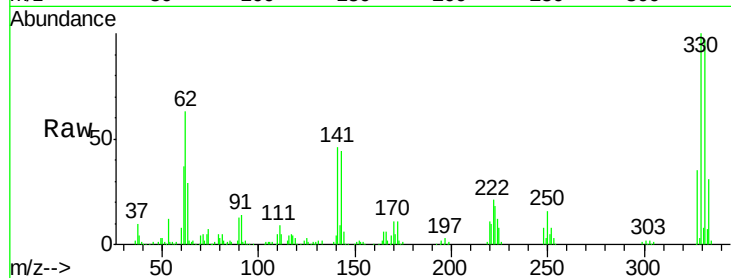




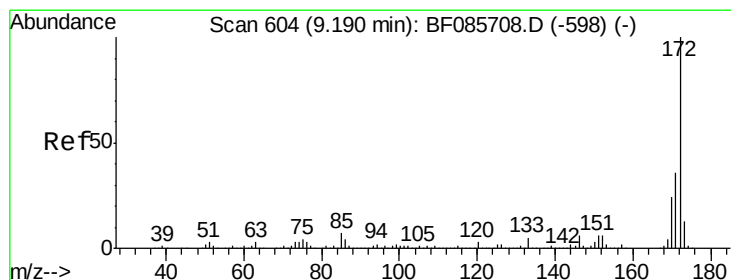
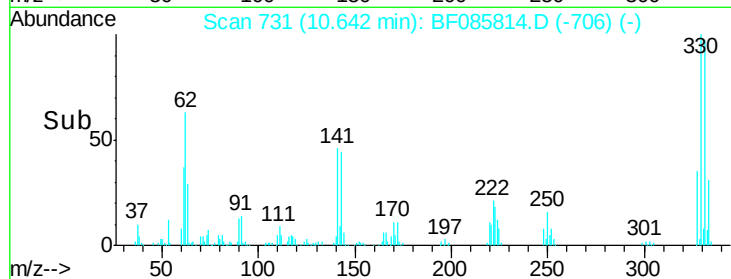
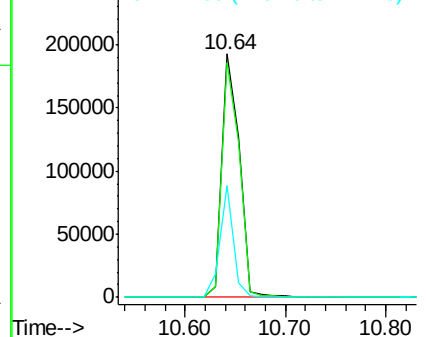
#41
 2,4,6-Tribromophenol
 Concen: 119.74 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085814.D
 Acq: 28 Mar 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.2
141	36.2	31.5	47.3

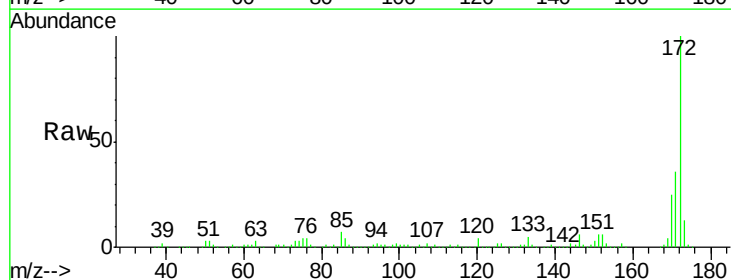


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

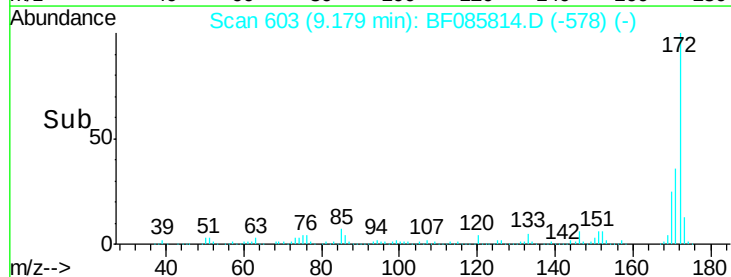
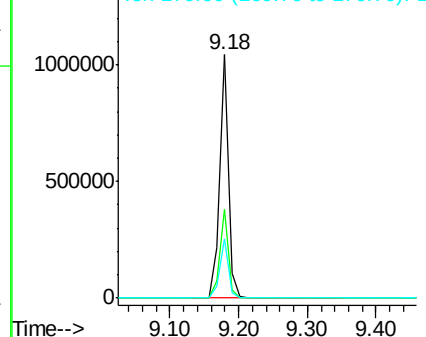


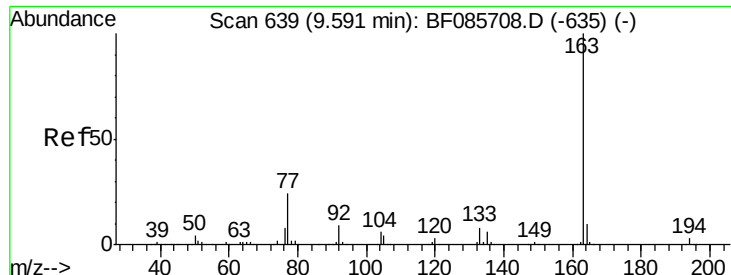
#44
 2-Fluorobiphenyl
 Concen: 77.96 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085814.D
 Acq: 28 Mar 2016 21:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.6	19.8	29.6



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: 15.49 ng

RT: 9.58 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

Instrument :

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ClientSampleId :

GW-04(16-18)

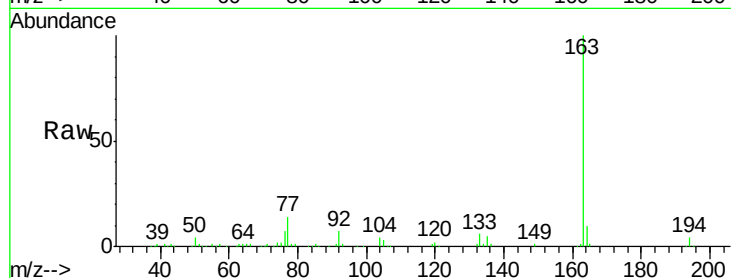
Tgt Ion:163 Resp: 239234

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

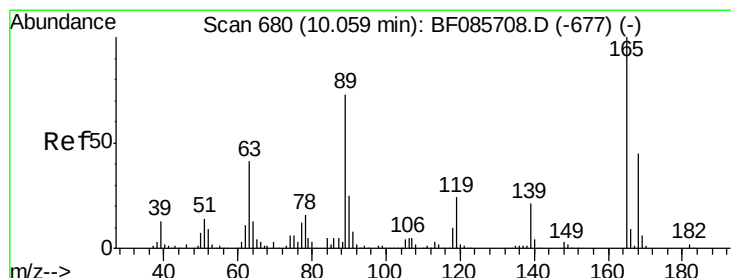
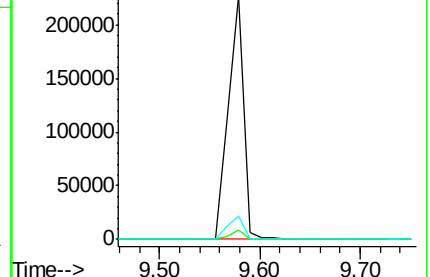
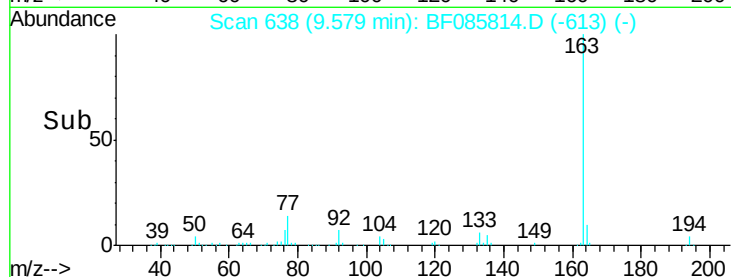
164 9.6 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.11 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.21 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

Tgt Ion:165 Resp: 25829

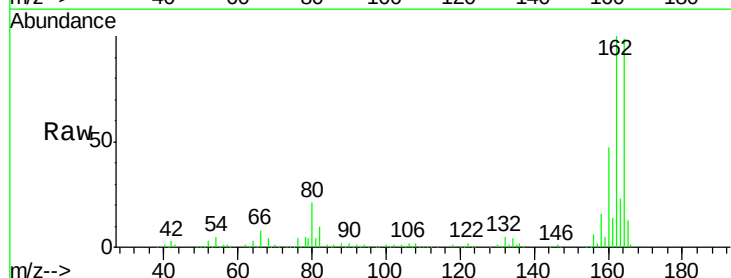
Ion Ratio Lower Upper

165 100

63 1.0 24.9 37.3#

89 1.3 41.0 61.6#

182 0.0 2.1 3.1#

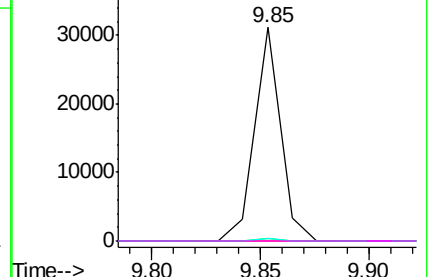
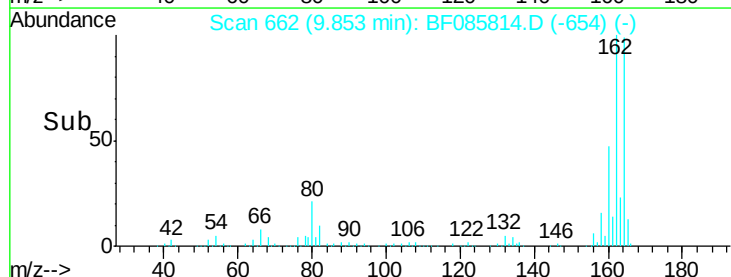


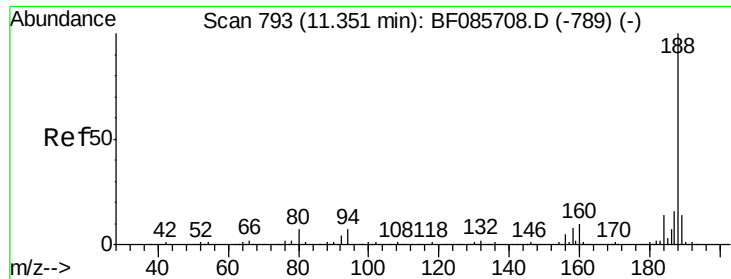
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

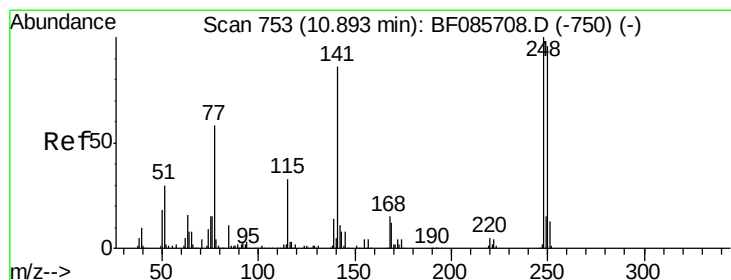
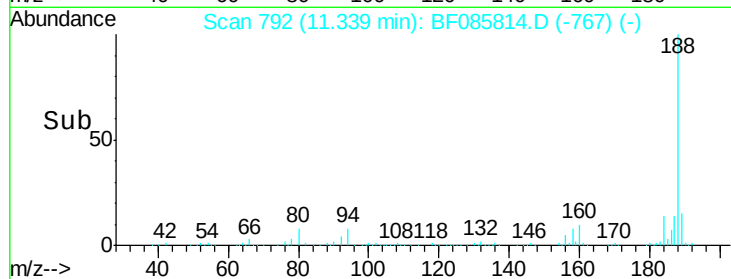
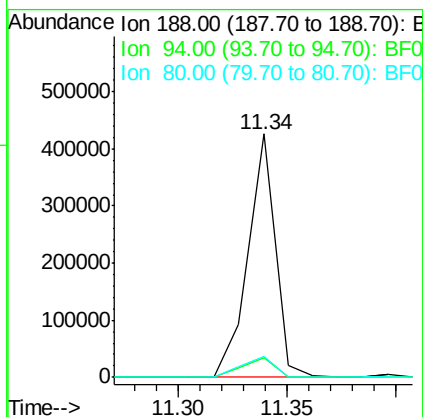
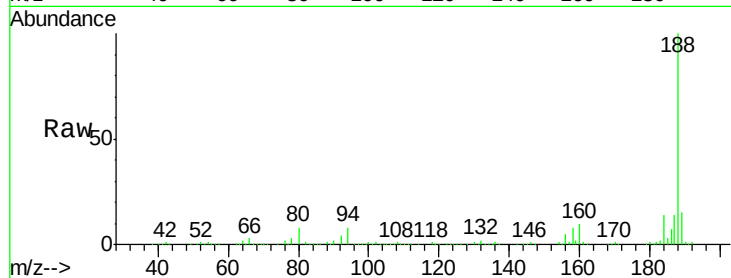




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085814.D
 Acq: 28 Mar 2016 21:13

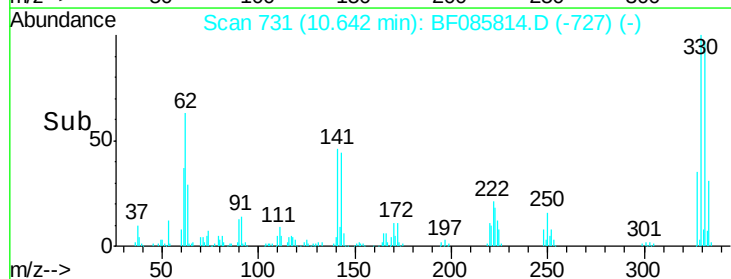
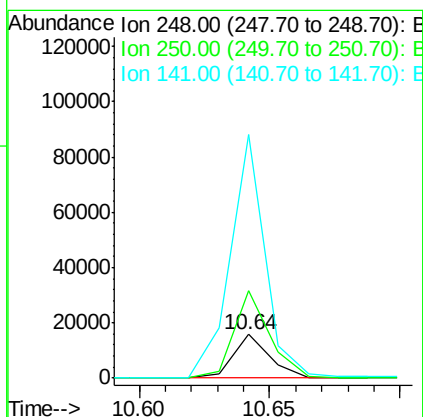
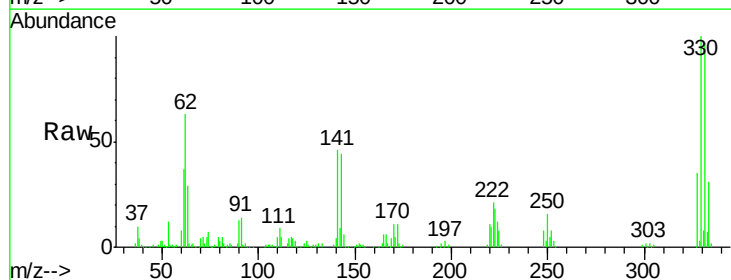
Instrument :
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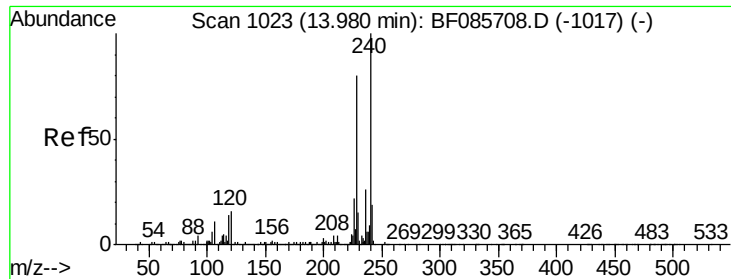
Tgt Ion:188 Resp: 373113
 Ion Ratio Lower Upper
 188 100
 94 8.0 5.4 8.0
 80 8.3 5.5 8.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.92 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.25 min
 Lab File: BF085814.D
 Acq: 28 Mar 2016 21:13

Tgt Ion:248 Resp: 14967
 Ion Ratio Lower Upper
 248 100
 250 199.6 77.4 116.0#
 141 558.0 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)

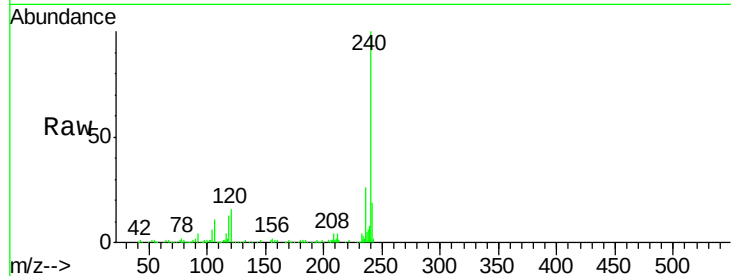
Tgt Ion:240 Resp: 221621

Ion Ratio Lower Upper

240 100

120 15.8 13.8 20.8

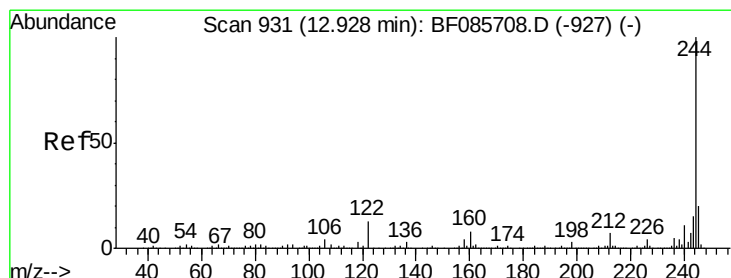
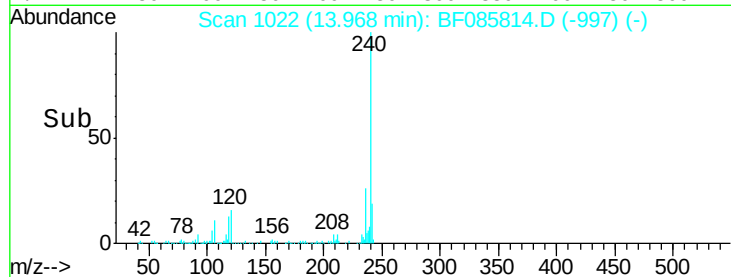
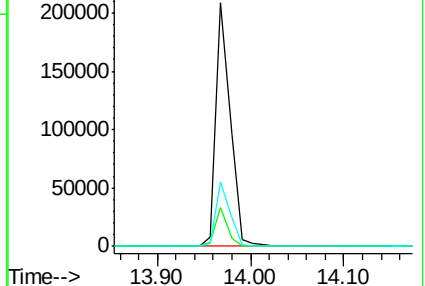
236 26.2 20.6 30.8



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: 77.00 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

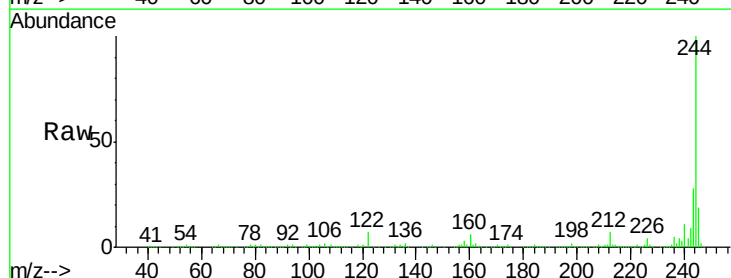
Tgt Ion:244 Resp: 829791

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

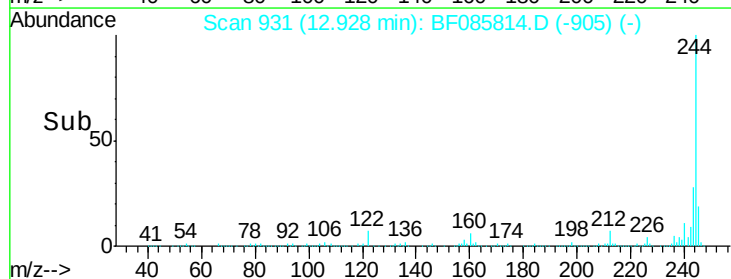
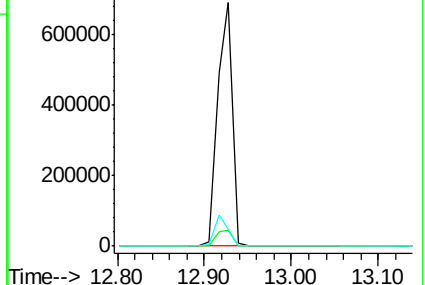
122 7.0 10.2 15.4#

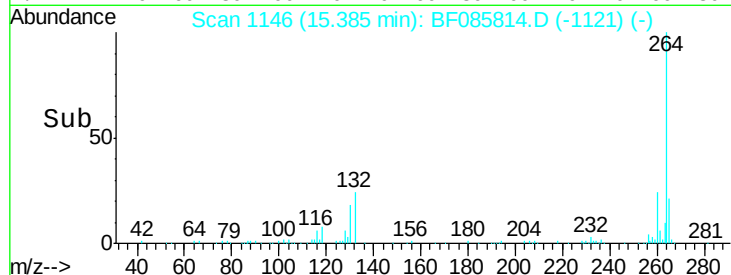
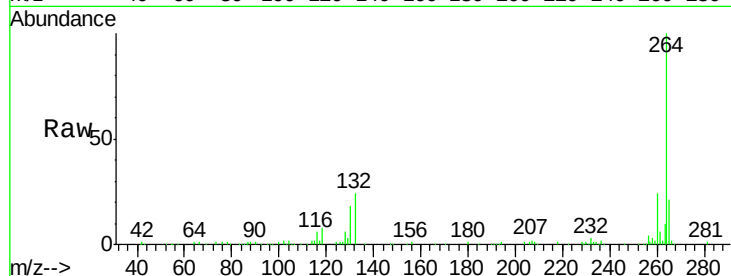
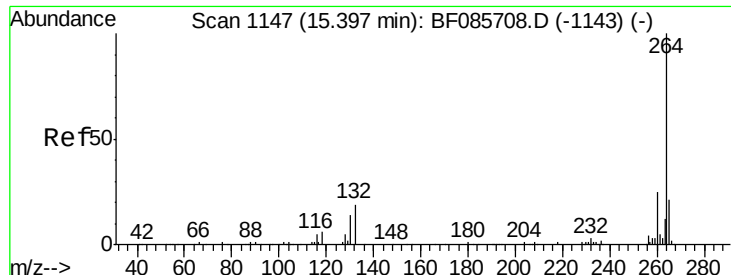


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085814.D
Acq: 28 Mar 2016 21:13

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)

Tgt Ion:	264	Resp:	189695
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	20.7	17.2	25.8

