

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087561.D
 Acq On : 30 May 2016 21:05
 Operator : UM/SJ
 Sample : H3317-16
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-01

Quant Time: May 31 01:55:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	105394	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	427092	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	194293	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	350167	20.00	ng	0.00
75) Chrysene-d12	18.47	240	228431	20.00	ng	0.02
86) Perylene-d12	20.15	264	218938	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	333517	55.60	ng	0.03
7) Phenol-d6	7.06	99	265401	32.75	ng	0.02
23) Nitrobenzene-d5	8.39	82	745975	88.03	ng	-0.02
41) 2,4,6-Tribromophenol	13.63	330	220736	118.22	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1258463	91.31	ng	-0.01
78) Terphenyl-d14	17.09	244	973654	90.62	ng	-0.01

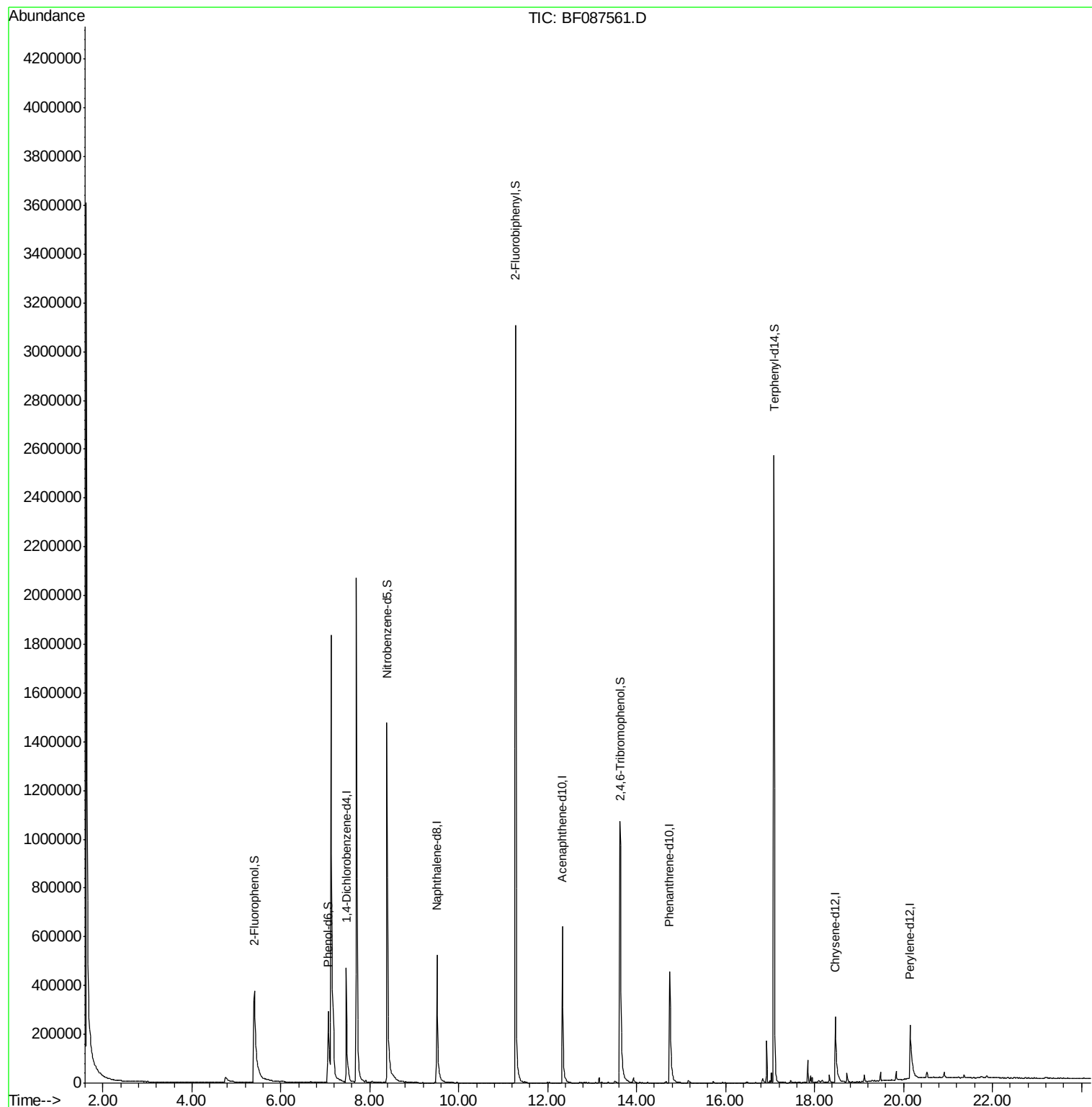
Target Compounds Qvalue

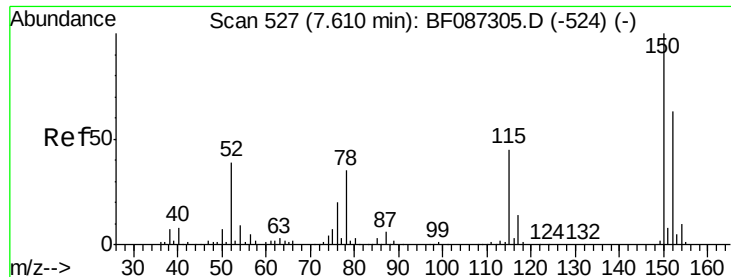
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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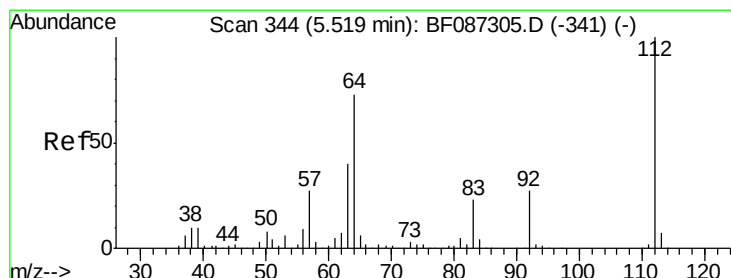
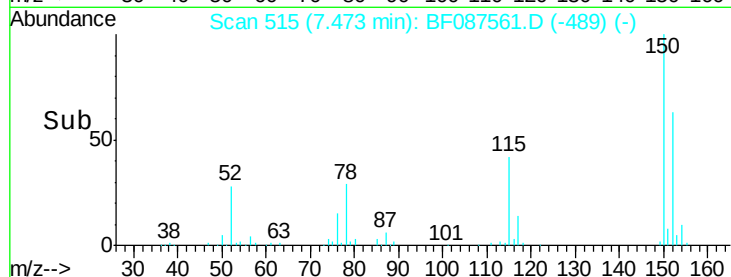
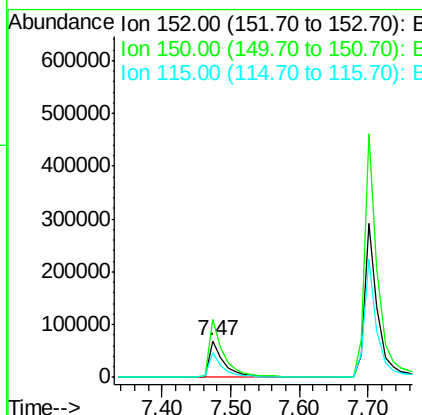
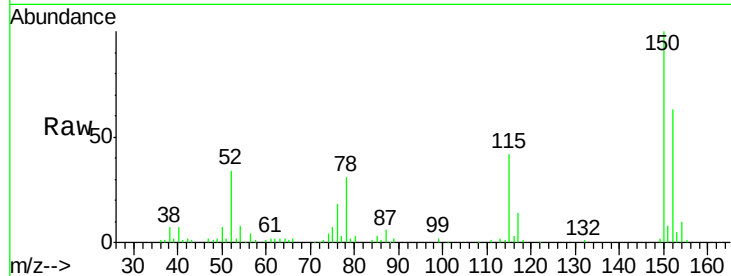


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF087561.D
Acq: 30 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
GMW-01

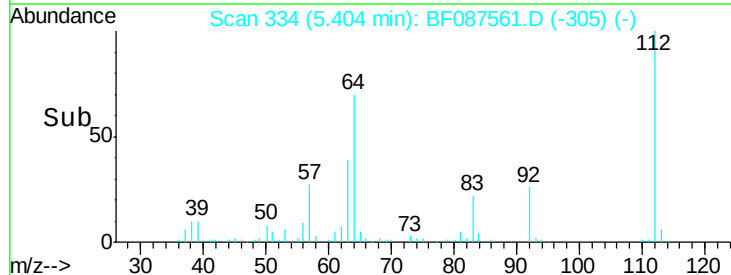
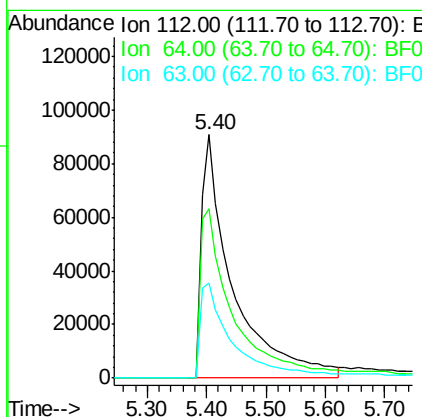
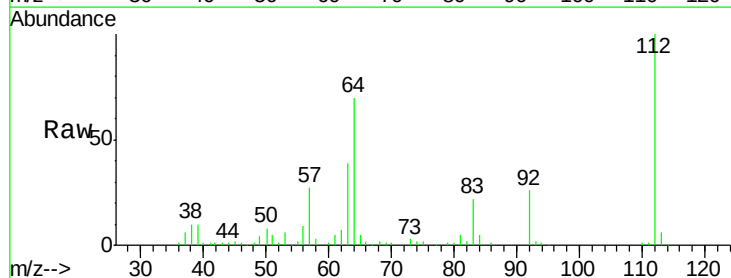
Tot Ion:152 Resp: 105394
Ion Ratio Lower Upper
152 100
150 158.3 125.8 188.6
115 66.9 51.5 77.3

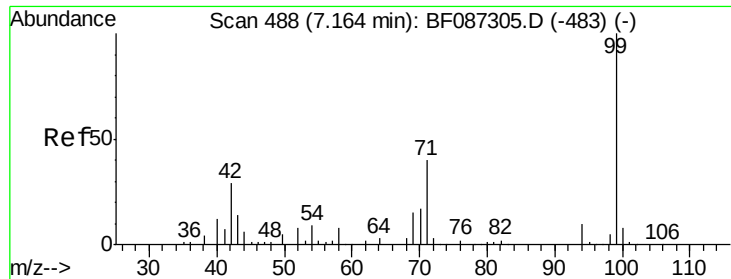


#5

2-Fluorophenol
Concen: 55.60 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.03 min
Lab File: BF087561.D
Acq: 30 May 2016 21:05

Tgt Ion:112 Resp: 333517
Ion Ratio Lower Upper
112 100
64 69.8 52.1 78.1
63 39.2 25.7 38.5#





#7

Phenol-d6

Concen: 32.75 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.02 min

Lab File: BF087561.D

Acq: 30 May 2016 21:05

Instrument :

BNA_F

ClientSampleId :

GMW-01

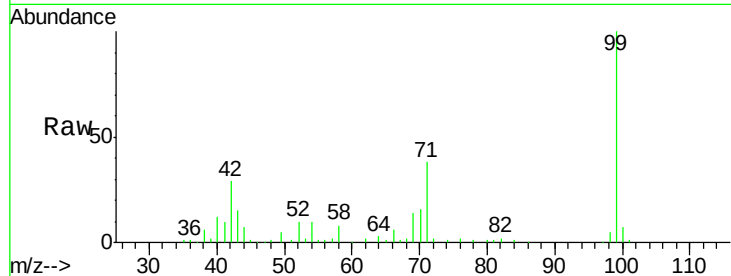
Tot Ion: 99 Resp: 265401

Ion Ratio Lower Upper

99 100

42 28.9 13.6 20.4#

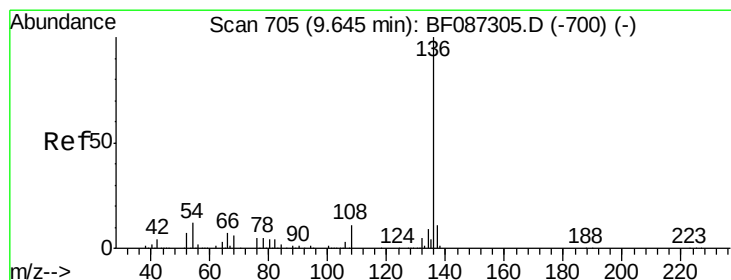
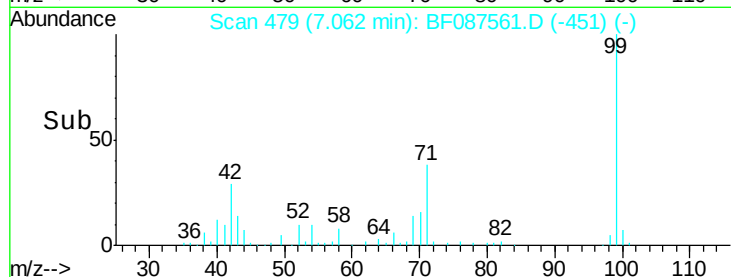
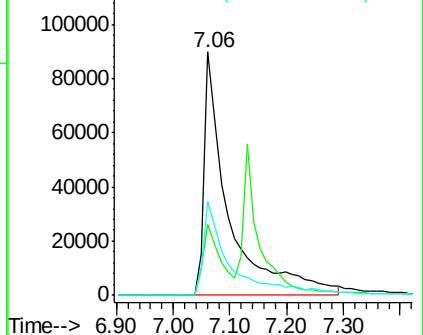
71 38.4 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF087561.D

Acq: 30 May 2016 21:05

Tgt Ion: 136 Resp: 427092

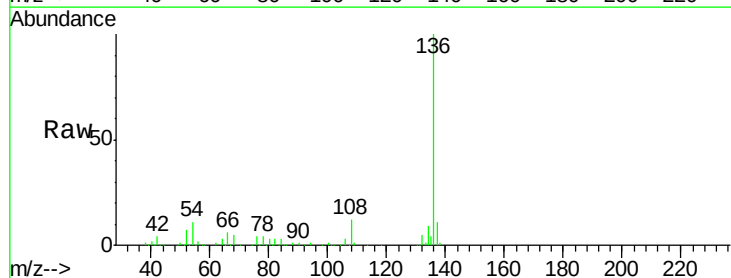
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.8 5.0 7.4#

68 5.4 4.4 6.6

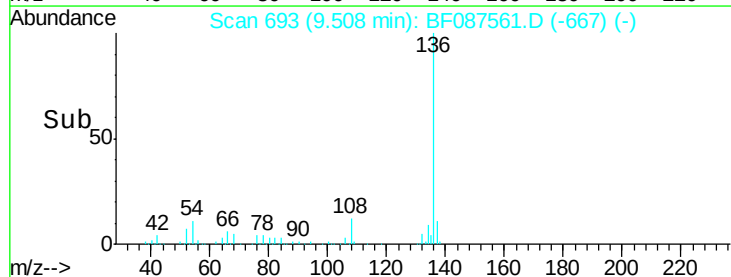
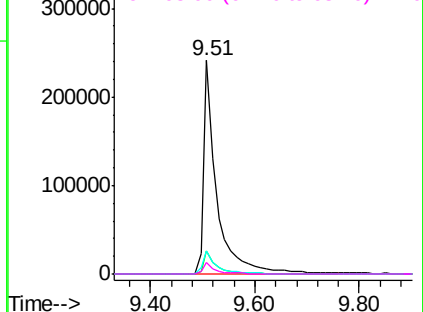


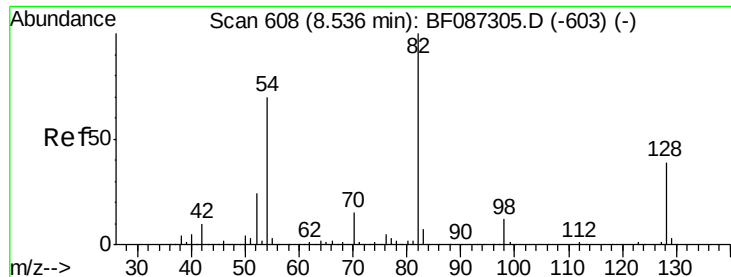
Abundance Ion 136.00 (135.70 to 136.70): E

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

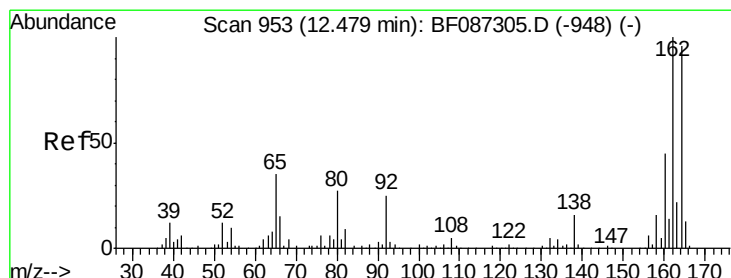
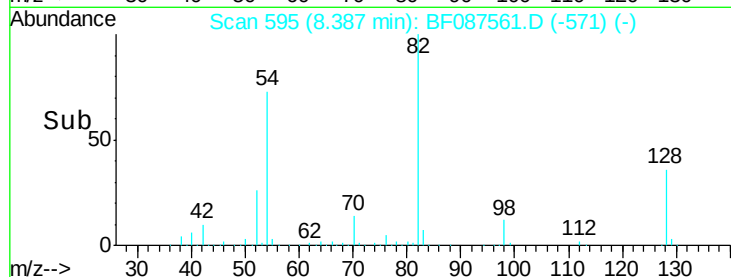
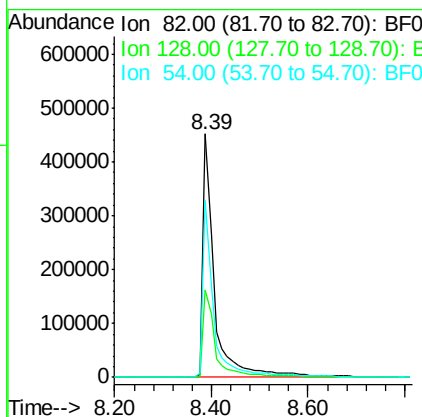
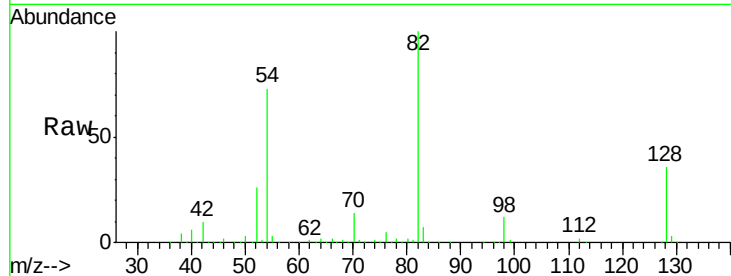




#23
 Nitrobenzene-d5
 Concen: 88.03 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087561.D
 Acq: 30 May 2016 21:05

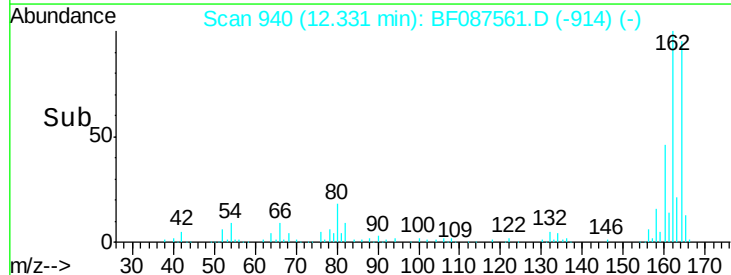
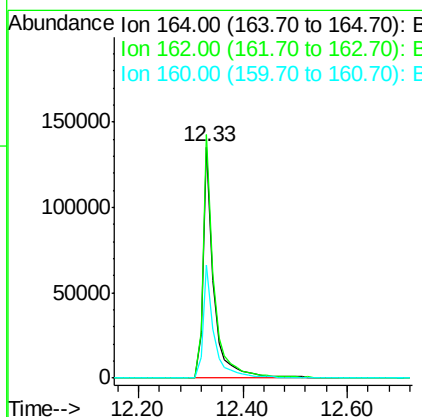
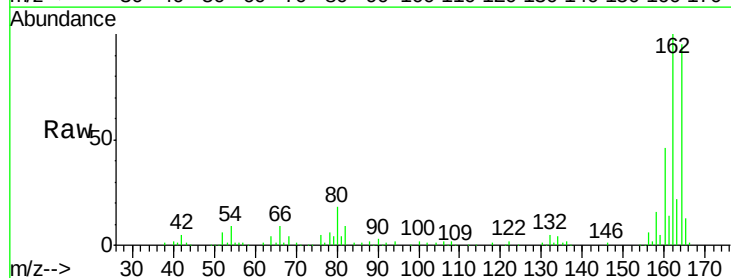
Instrument :
 BNA_F
 ClientSampleId :
 GMW-01

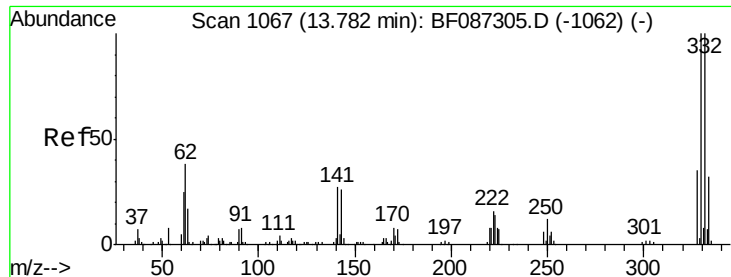
Tot Ion	82	Resp	745975
Ion Ratio	100		
Lower	40.6		
Upper	61.0		
128	35.8		
54	72.7		



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF087561.D
 Acq: 30 May 2016 21:05

Tgt Ion	164	Resp	194293
Ion Ratio	100		
Lower	82.8		
Upper	124.2		
162	105.3		
160	48.7		

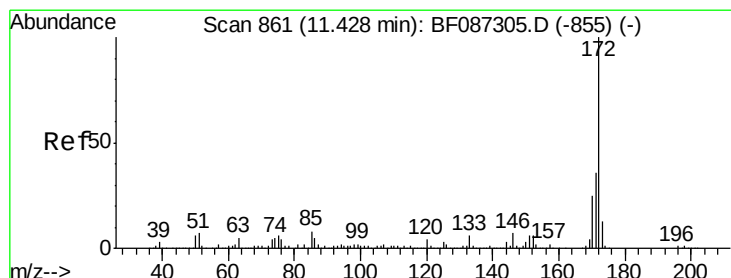
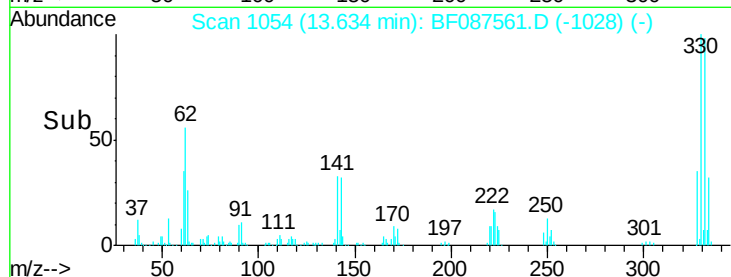
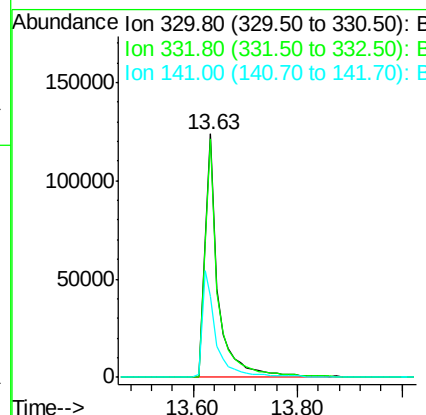
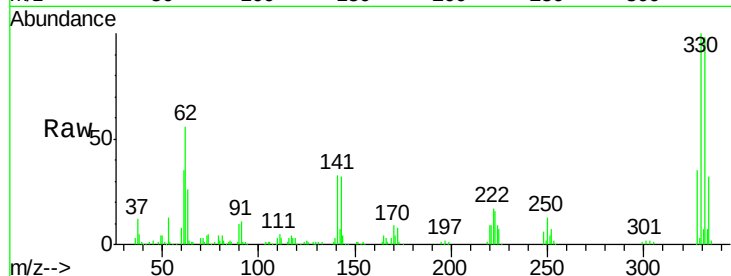




#41
 2,4,6-Tribromophenol
 Concen: 118.22 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF087561.D
 Acq: 30 May 2016 21:05

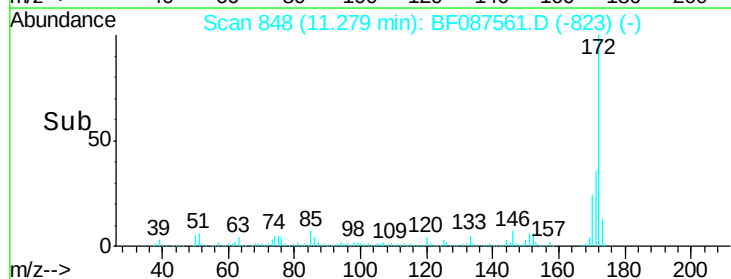
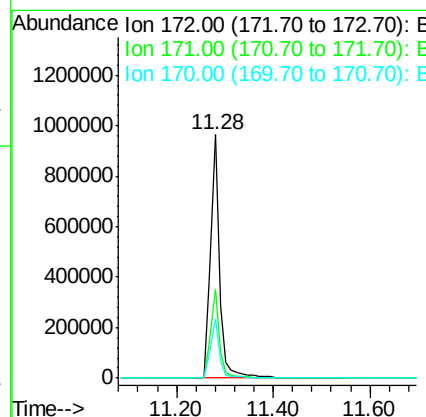
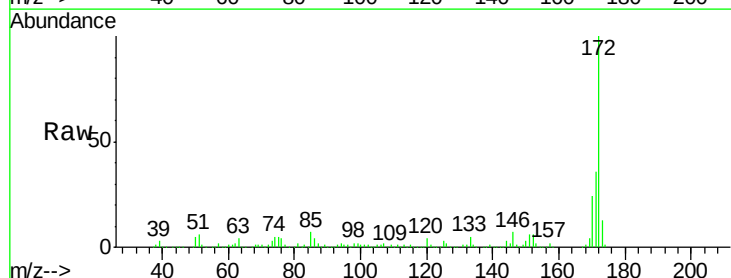
Instrument :
 BNA_F
 ClientSampleId :
 GMW-01

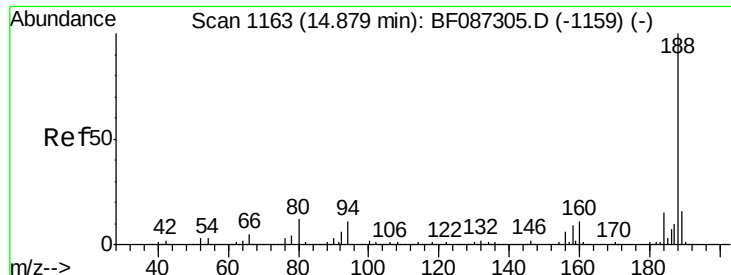
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	46.1	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 91.31 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087561.D
 Acq: 30 May 2016 21:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.4	19.8	29.8

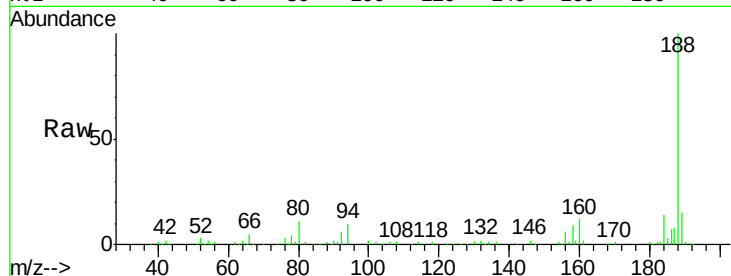




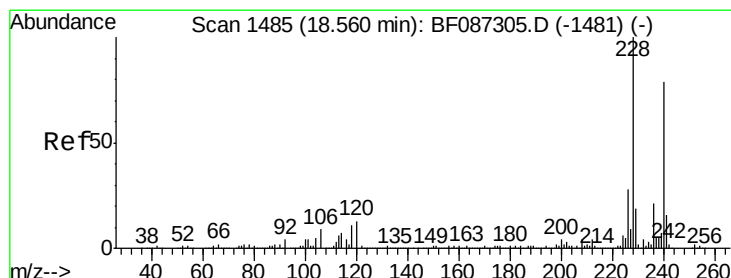
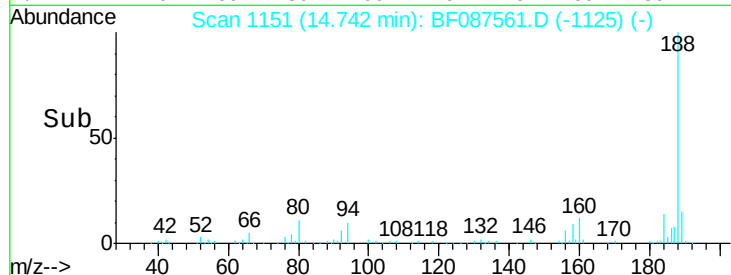
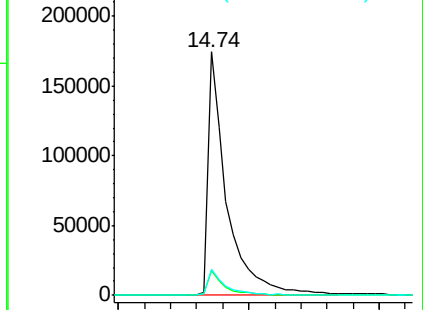
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF087561.D
Acq: 30 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
GMW-01

Tot Ion:188 Resp: 350167
Ion Ratio Lower Upper
188 100
94 10.4 6.8 10.2#
80 10.8 7.1 10.7#

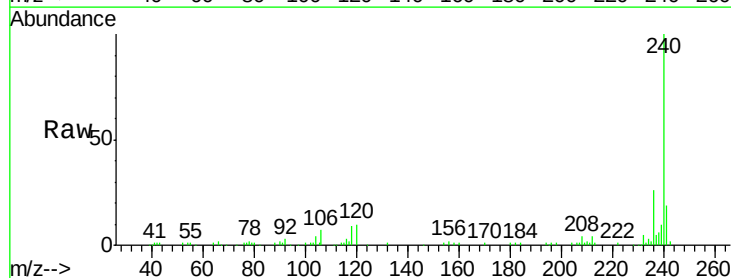


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

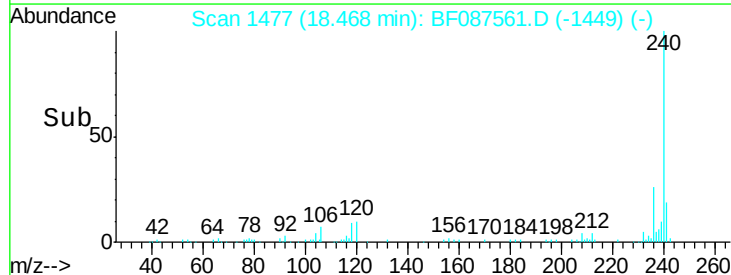
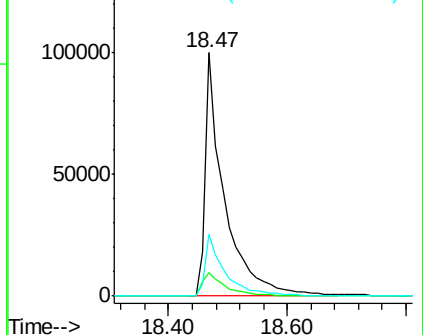


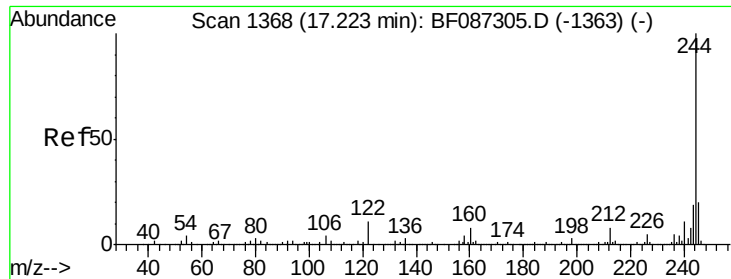
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. 0.02 min
Lab File: BF087561.D
Acq: 30 May 2016 21:05

Tgt Ion:240 Resp: 228431
Ion Ratio Lower Upper
240 100
120 9.8 11.2 16.8#
236 25.6 21.2 31.8



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: 90.62 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087561.D

Acq: 30 May 2016 21:05

Instrument :

BNA_F

ClientSampleId :

GMW-01

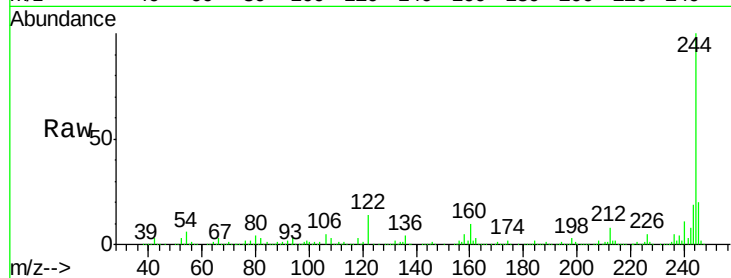
Tot Ion:244 Resp: 973654

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

122 13.6 12.0 18.0

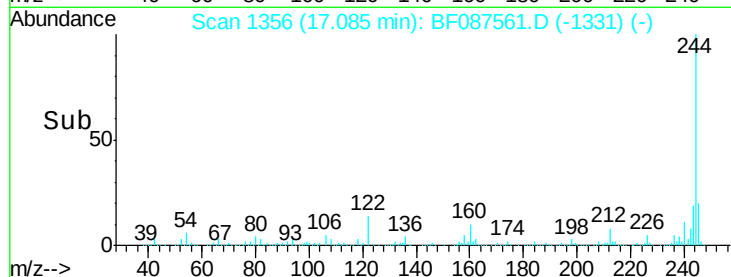


Abundance Ion 244.00 (243.70 to 244.70): E

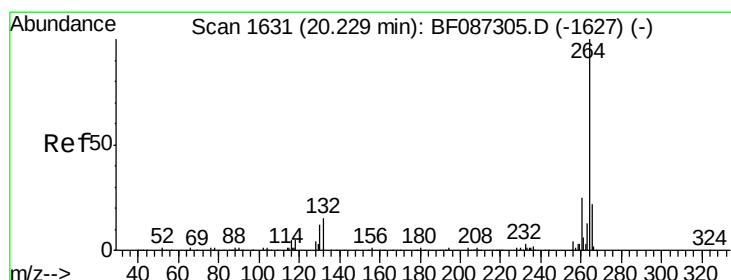
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.15 min Scan# 1624

Delta R.T. 0.02 min

Lab File: BF087561.D

Acq: 30 May 2016 21:05

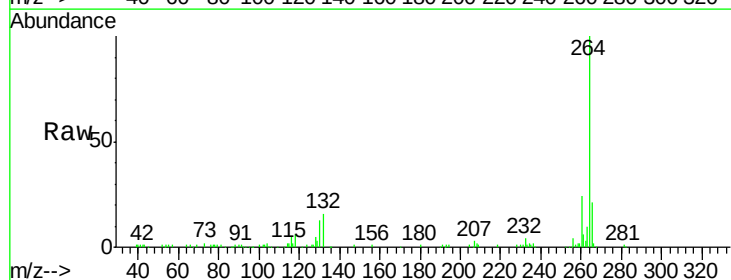
Tgt Ion:264 Resp: 218938

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.0 17.3 25.9

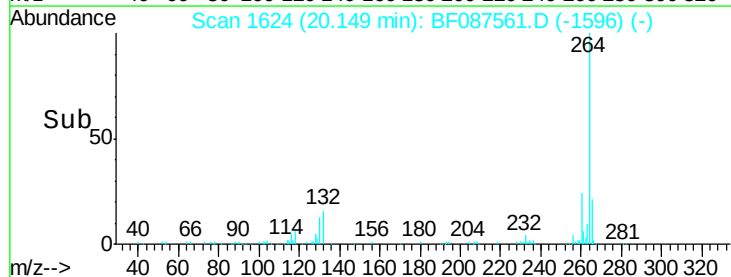


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->