

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087560.D
 Acq On : 30 May 2016 20:30
 Operator : UM/SJ
 Sample : H3317-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-02

Quant Time: May 31 01:53:40 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	104420	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	417551	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	191606	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	356304	20.00	ng	0.00
75) Chrysene-d12	18.47	240	233155	20.00	ng	0.02
86) Perylene-d12	20.15	264	213652	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	340881	57.36	ng	0.02
7) Phenol-d6	7.06	99	274431	34.18	ng	0.02
23) Nitrobenzene-d5	8.39	82	737190	88.98	ng	-0.02
41) 2,4,6-Tribromophenol	13.63	330	235737	128.03	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1243764	91.51	ng	-0.01
78) Terphenyl-d14	17.09	244	1007805	91.90	ng	-0.01

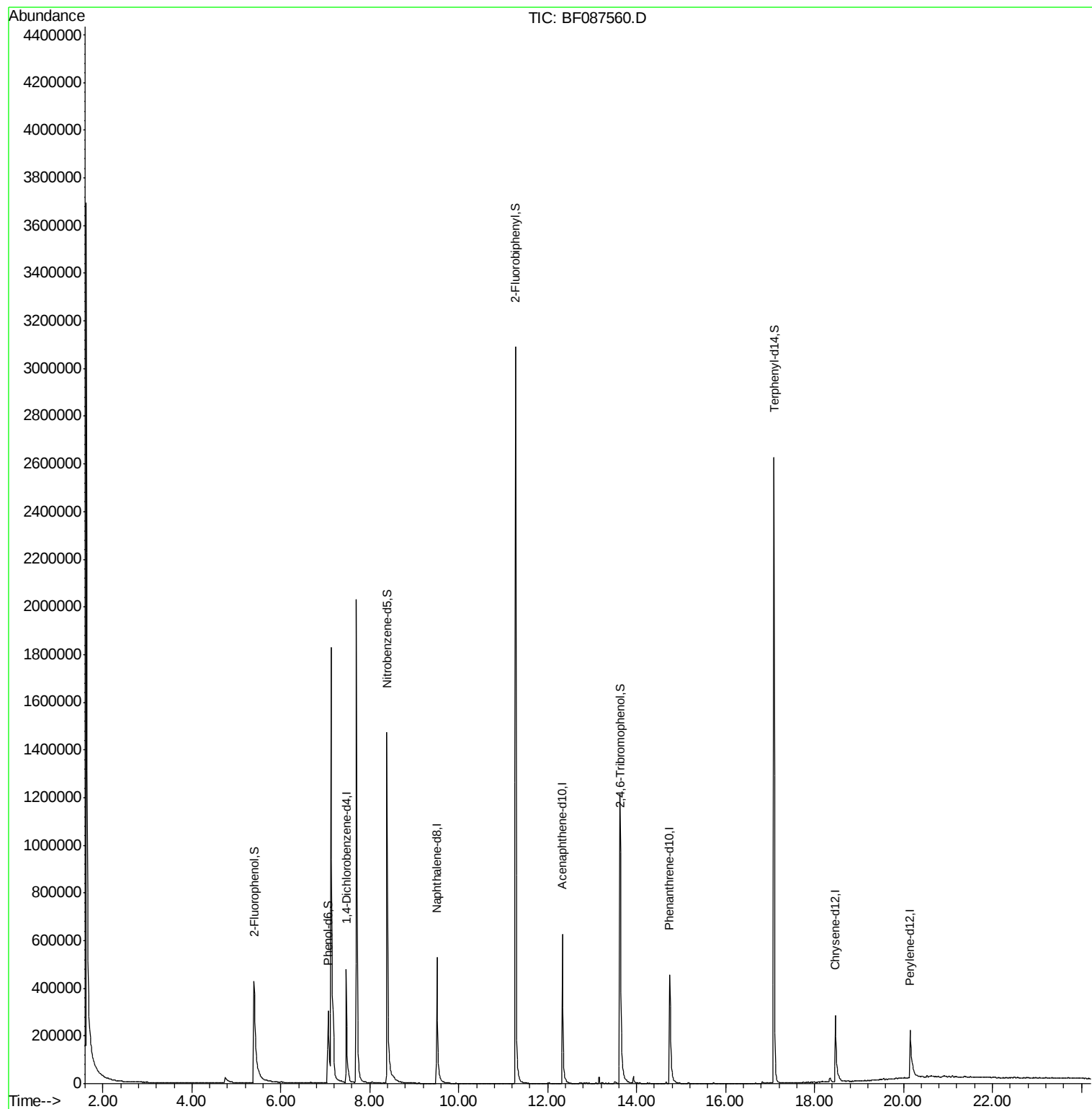
Target Compounds Qvalue

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

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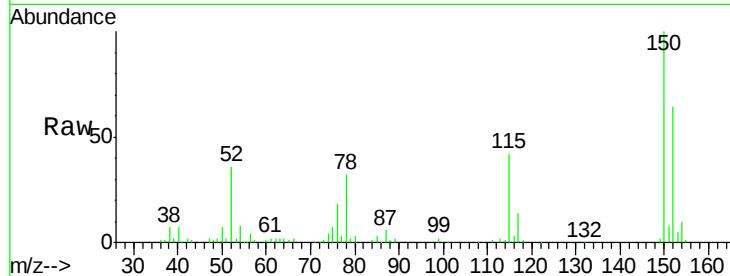


#1

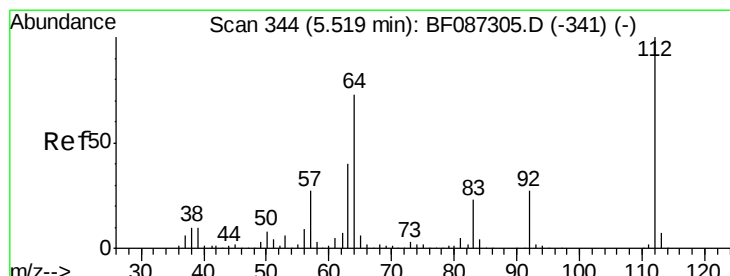
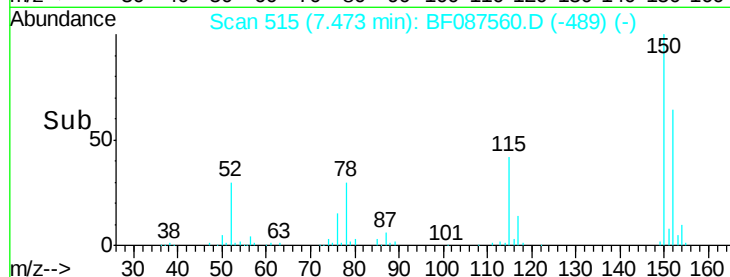
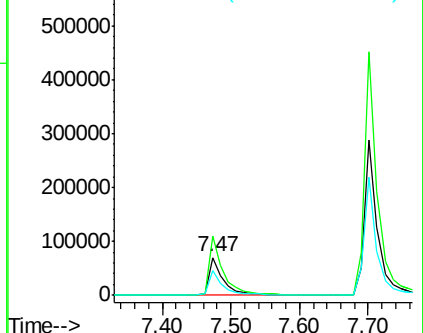
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF087560.D
Acq: 30 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
GMW-02

Tot Ion:152 Resp: 104420
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.6
115 65.6 51.5 77.3



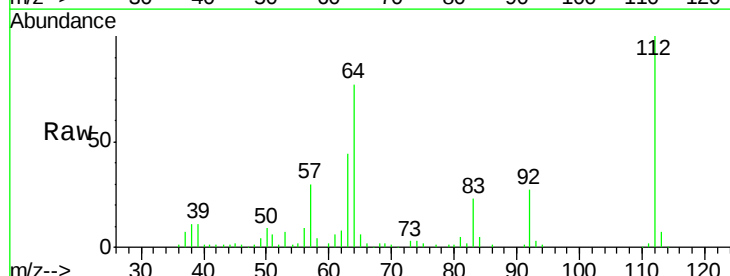
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



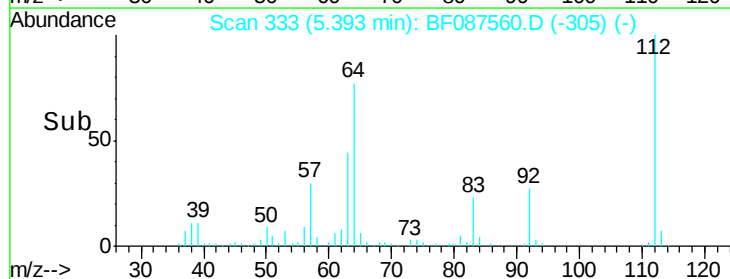
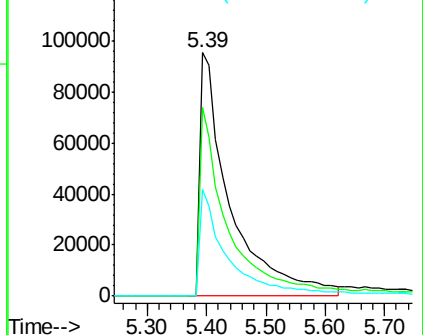
#5

2-Fluorophenol
Concen: 57.36 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.02 min
Lab File: BF087560.D
Acq: 30 May 2016 20:30

Tgt Ion:112 Resp: 340881
Ion Ratio Lower Upper
112 100
64 77.4 52.1 78.1
63 44.0 25.7 38.5#



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: 34.18 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.02 min

Lab File: BF087560.D

Acq: 30 May 2016 20:30

Instrument :

BNA_F

ClientSampleId :

GMW-02

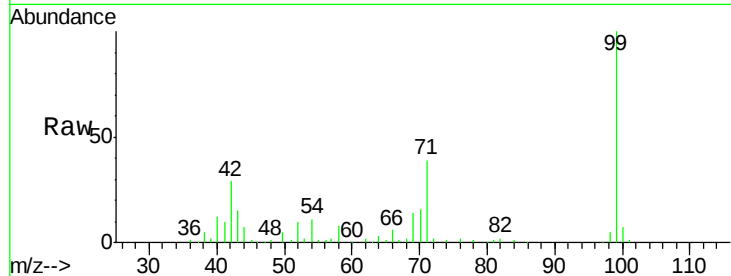
Tot Ion: 99 Resp: 274431

Ion Ratio Lower Upper

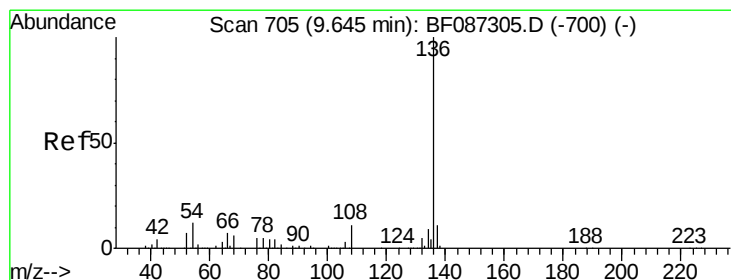
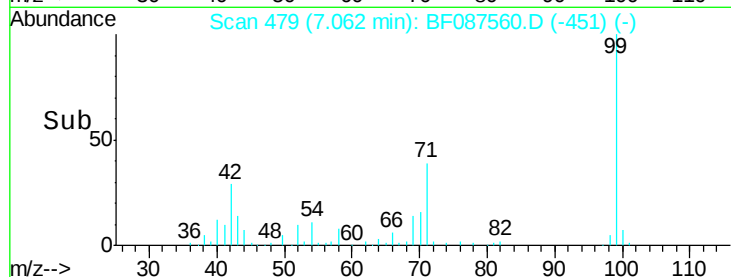
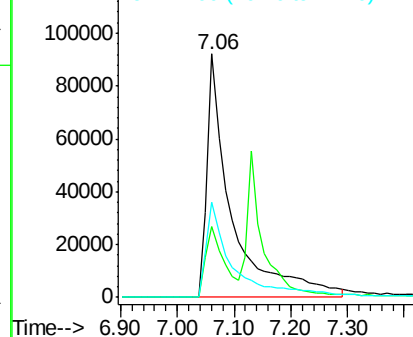
99 100

42 29.0 13.6 20.4#

71 39.3 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: BF087560.D

Acq: 30 May 2016 20:30

Tgt Ion: 136 Resp: 417551

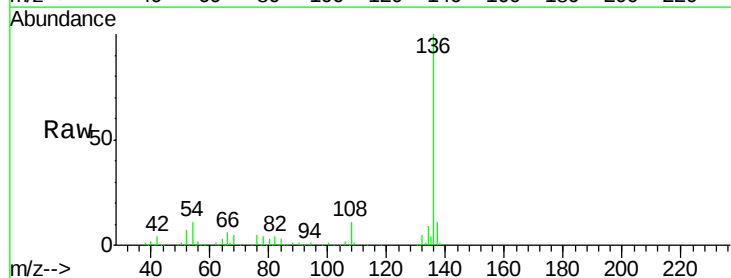
Ion Ratio Lower Upper

136 100

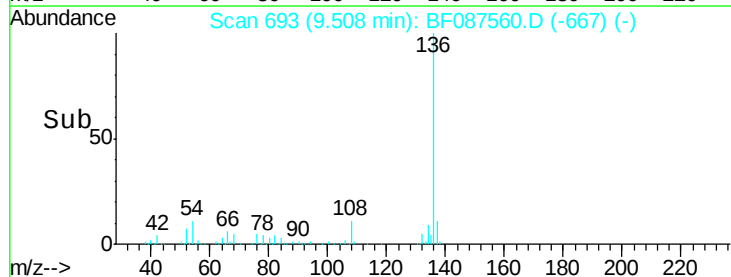
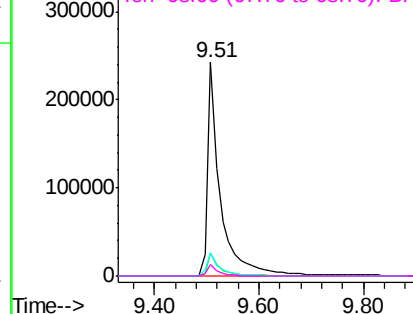
137 10.8 8.8 13.2

54 10.9 5.0 7.4#

68 5.3 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

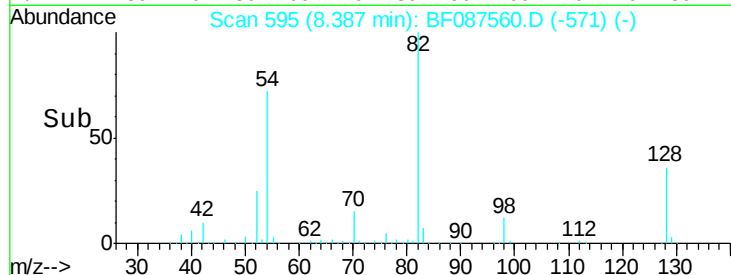
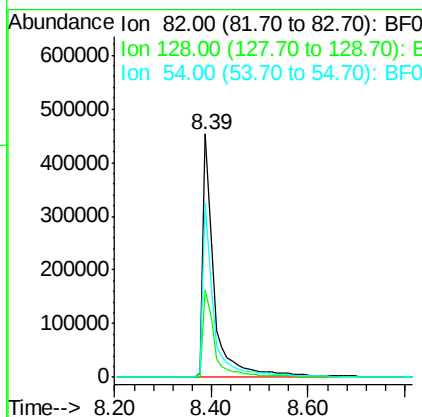
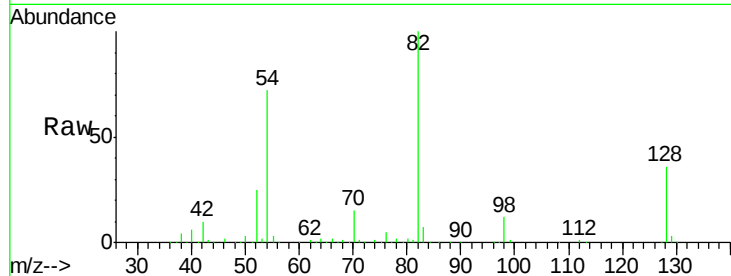




#23
 Nitrobenzene-d5
 Concen: 88.98 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087560.D
 Acq: 30 May 2016 20:30

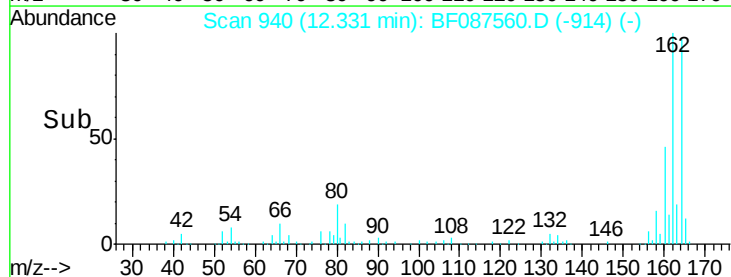
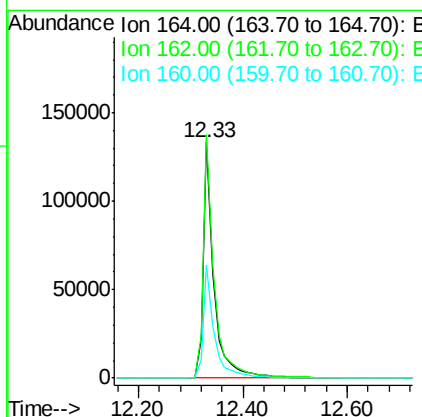
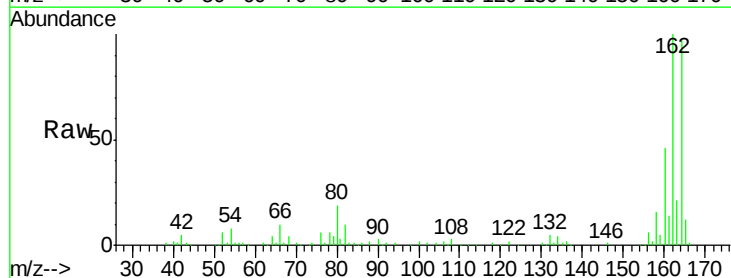
Instrument :
 BNA_F
 ClientSampleId :
 GMW-02

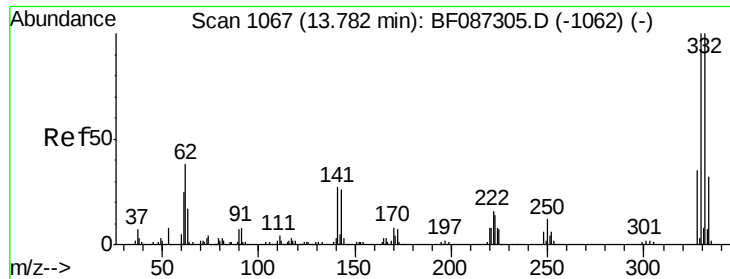
Tot Ion: 82 Resp: 737190
 Ion Ratio Lower Upper
 82 100
 128 35.7 40.6 61.0#
 54 71.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF087560.D
 Acq: 30 May 2016 20:30

Tgt Ion:164 Resp: 191606
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.8 124.2
 160 48.0 36.9 55.3

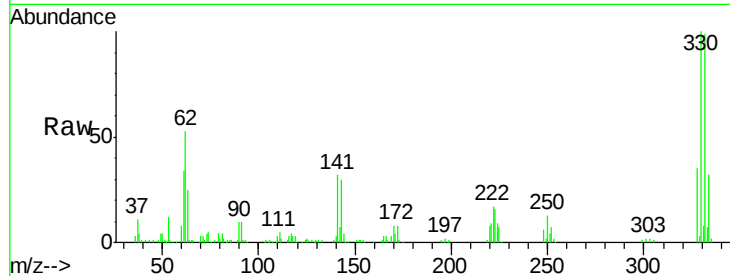




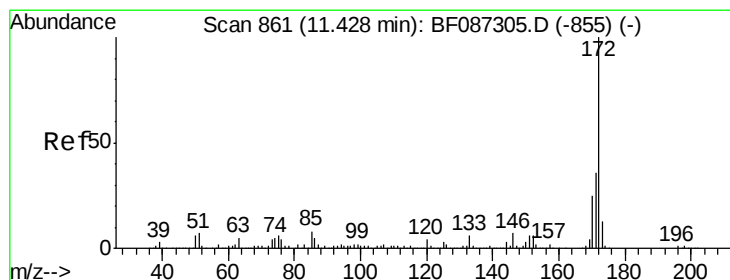
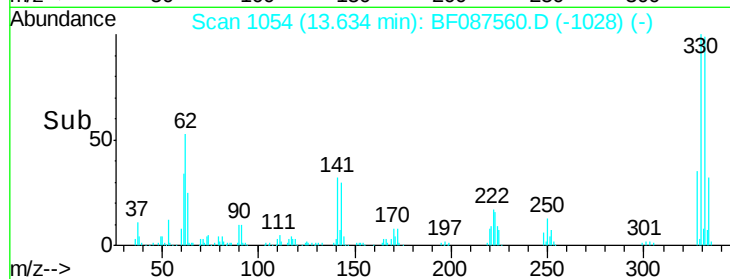
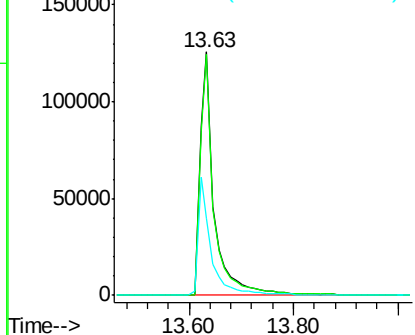
#41
 2,4,6-Tribromophenol
 Concen: 128.03 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF087560.D
 Acq: 30 May 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 GMW-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	44.9	31.2	46.8

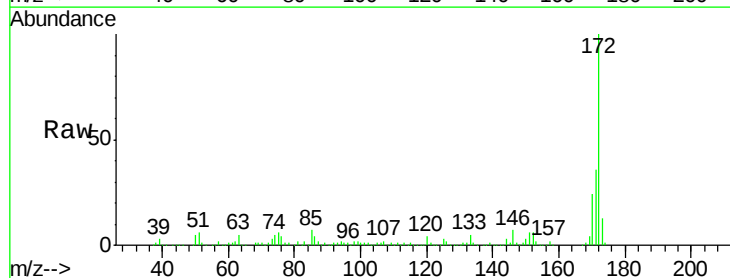


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

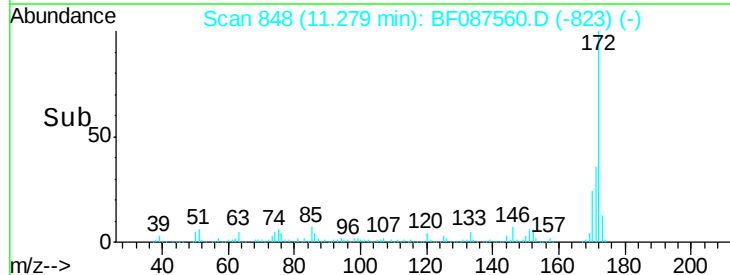
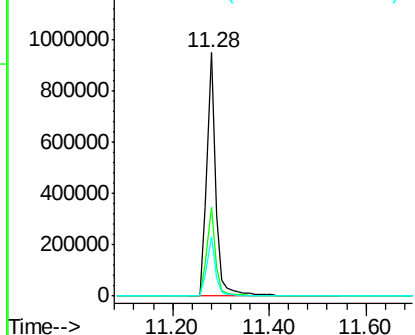


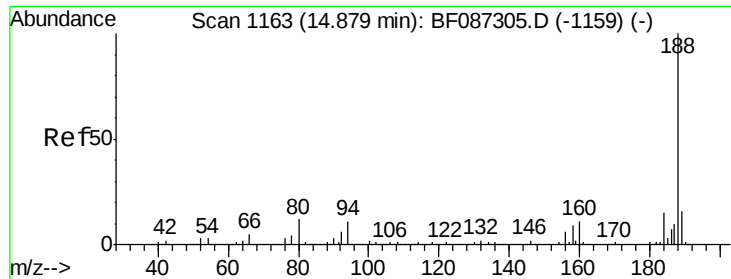
#44
 2-Fluorobiphenyl
 Concen: 91.51 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087560.D
 Acq: 30 May 2016 20:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.2	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

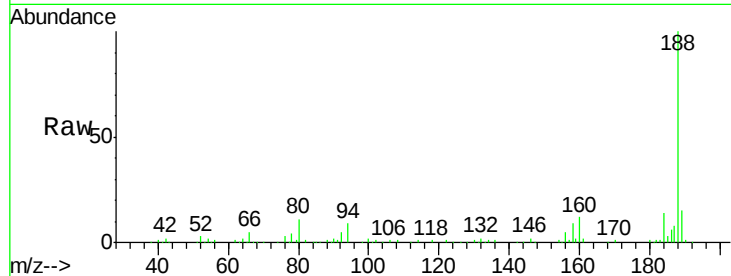




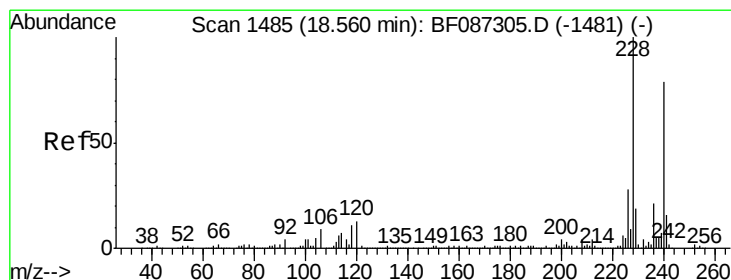
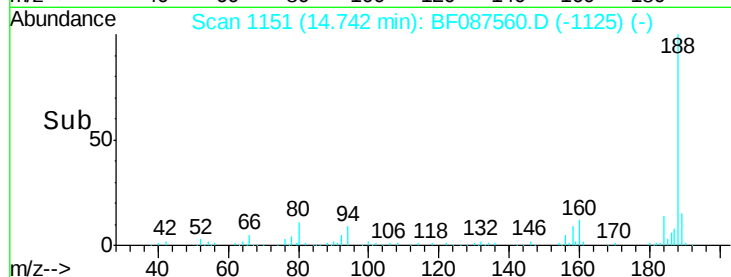
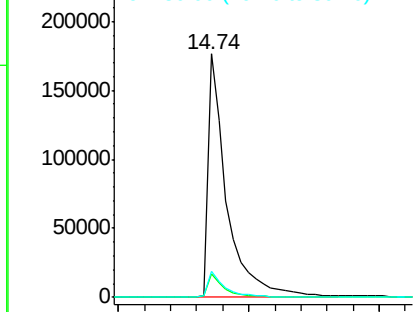
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF087560.D
Acq: 30 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
GMW-02

Tot Ion:188 Resp: 356304
Ion Ratio Lower Upper
188 100
94 9.5 6.8 10.2
80 10.7 7.1 10.7#

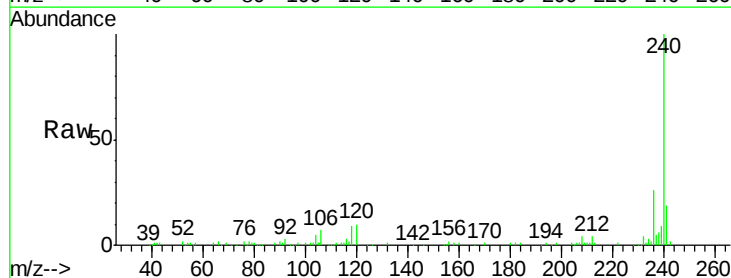


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

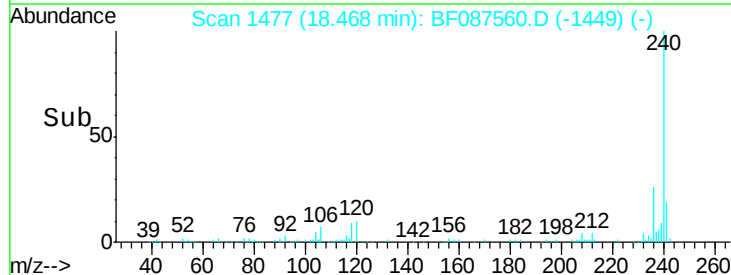
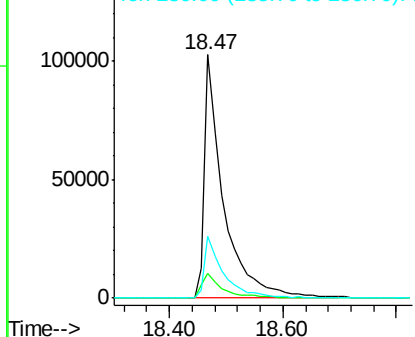


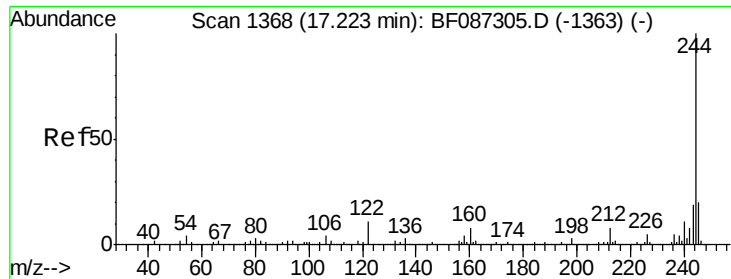
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. 0.02 min
Lab File: BF087560.D
Acq: 30 May 2016 20:30

Tgt Ion:240 Resp: 233155
Ion Ratio Lower Upper
240 100
120 10.3 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: 91.90 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087560.D

Acq: 30 May 2016 20:30

Instrument :

BNA_F

ClientSampleId :

GMW-02

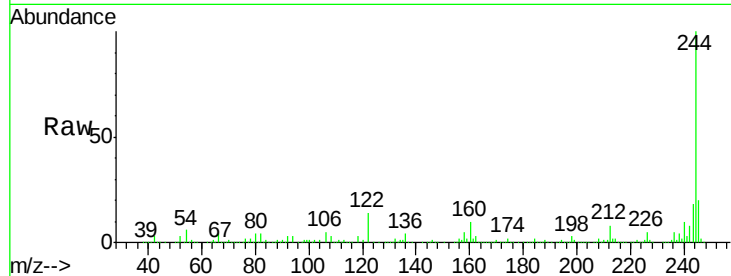
Tot Ion:244 Resp: 1007805

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

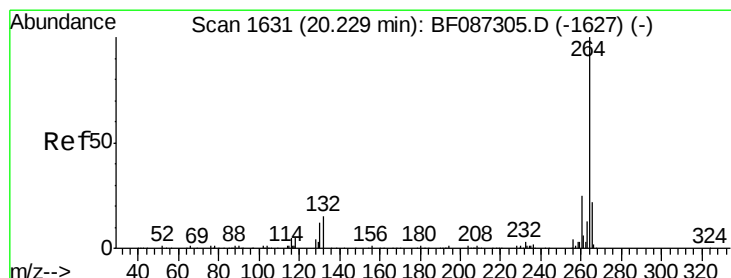
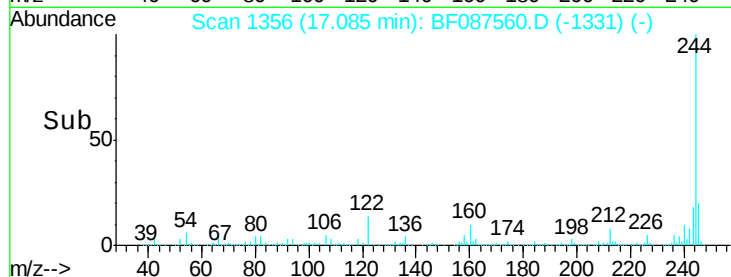
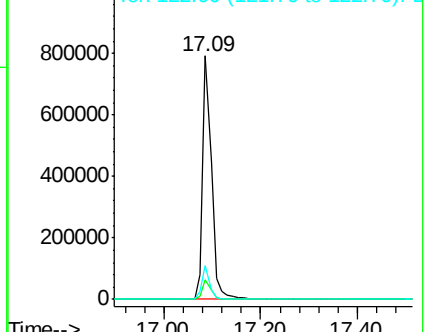
122 13.9 12.0 18.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.15 min Scan# 1624

Delta R.T. 0.02 min

Lab File: BF087560.D

Acq: 30 May 2016 20:30

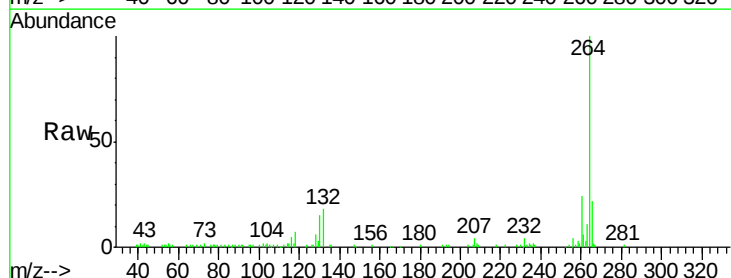
Tgt Ion:264 Resp: 213652

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 22.2 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

