

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087535.D
 Acq On : 30 May 2016 4:32
 Operator : UM/SJ
 Sample : H3268-05
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1280(0-4)

Quant Time: May 30 07:24:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 07:00:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	107052	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	419082	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	194835	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	352291	20.00	ng	0.00
75) Chrysene-d12	18.46	240	237240	20.00	ng	0.01
86) Perylene-d12	20.15	264	168842	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	798179	131.01	ng	0.02
7) Phenol-d6	7.03	99	999979	121.47	ng	-0.01
23) Nitrobenzene-d5	8.39	82	778670	93.64	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	257778	137.68	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1334292	96.55	ng	-0.01
78) Terphenyl-d14	17.09	244	1107139	99.22	ng	-0.01

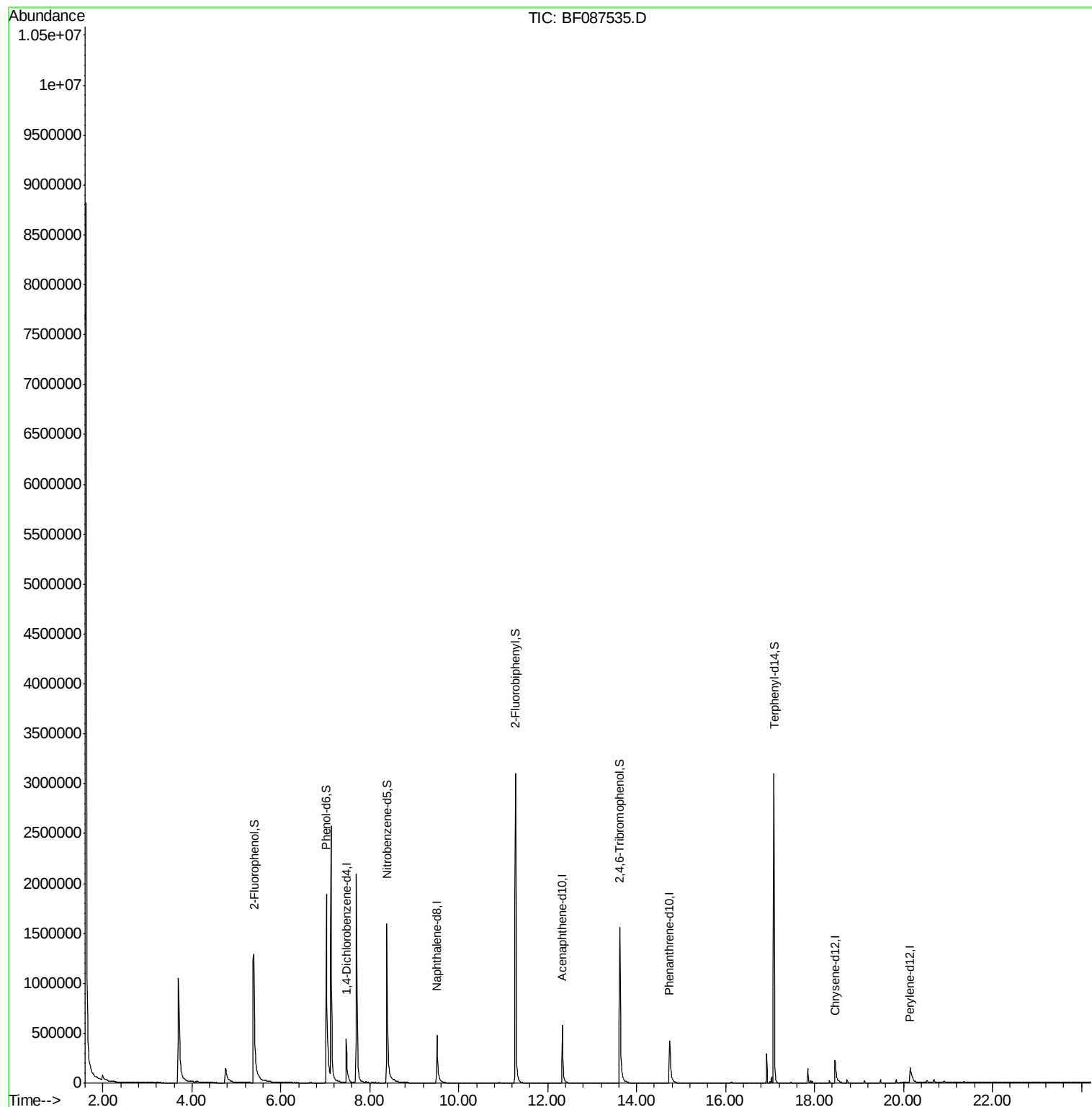
Target Compounds Qvalue

(#) = 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: BF087535.D

Acq: 30 May 2016 4:32

Instrument :

BNA_F

ClientSampleId :

STA-TA-1280(0-4)

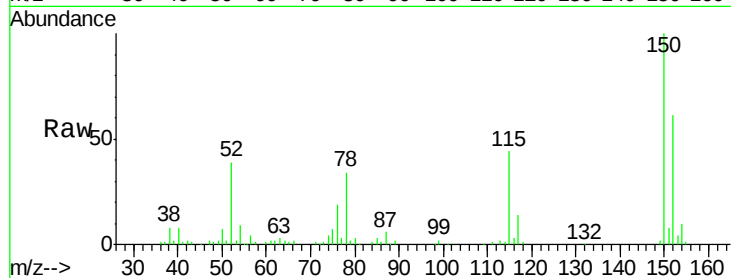
Tot Ion:152 Resp: 107052

Ion Ratio Lower Upper

152 100

150 162.6 125.8 188.6

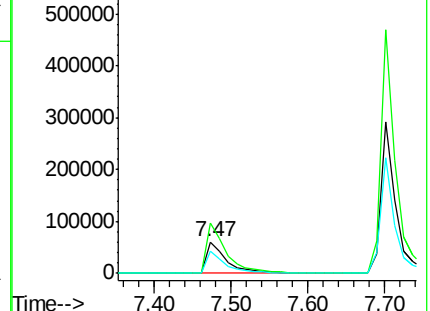
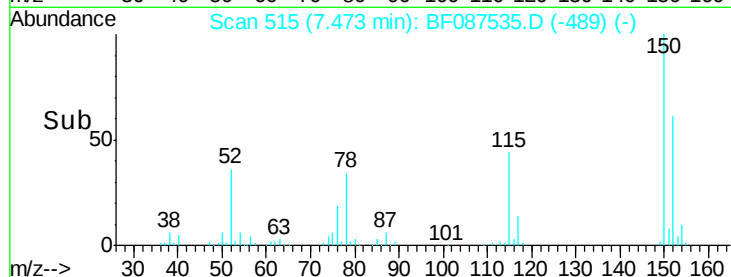
115 71.5 51.5 77.3



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: 131.01 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF087535.D

Acq: 30 May 2016 4:32

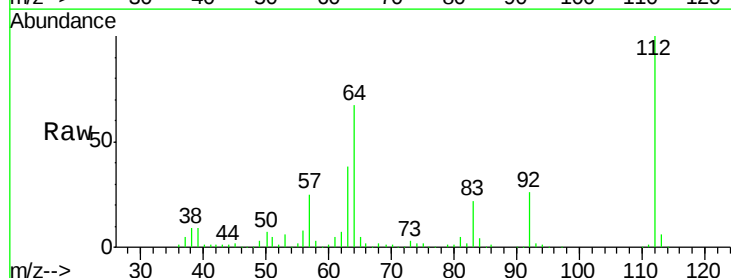
Tgt Ion:112 Resp: 798179

Ion Ratio Lower Upper

112 100

64 67.4 52.1 78.1

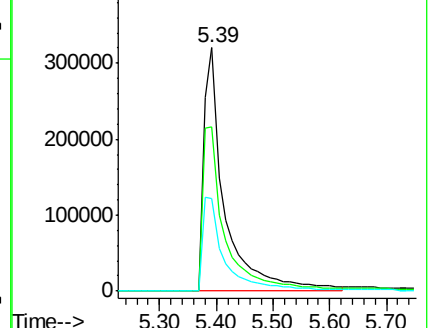
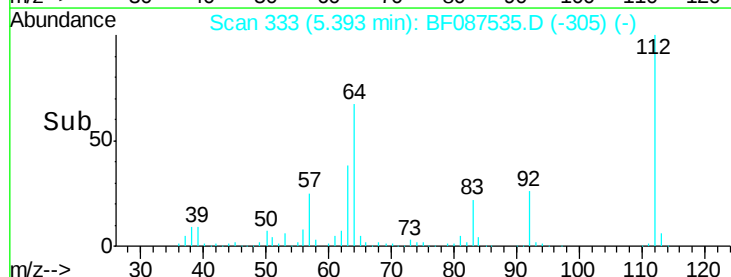
63 38.1 25.7 38.5



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: 121.47 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087535.D

Acq: 30 May 2016 4:32

Instrument :

BNA_F

ClientSampleId :

STA-TA-1280(0-4)

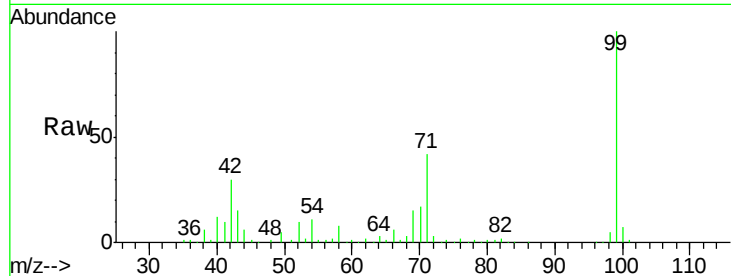
Tot Ion: 99 Resp: 999979

Ion Ratio Lower Upper

99 100

42 30.1 13.6 20.4#

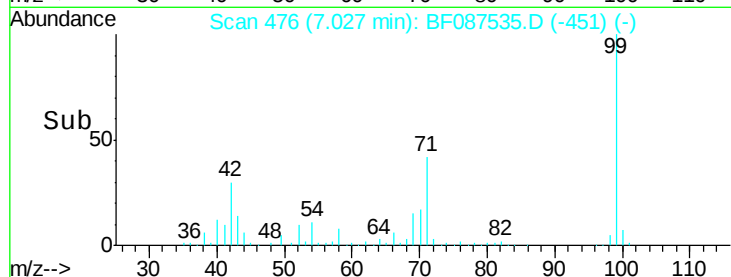
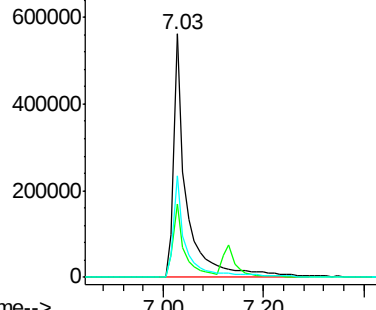
71 41.8 24.6 36.8#



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: BF087535.D

Acq: 30 May 2016 4:32

Tgt Ion: 136 Resp: 419082

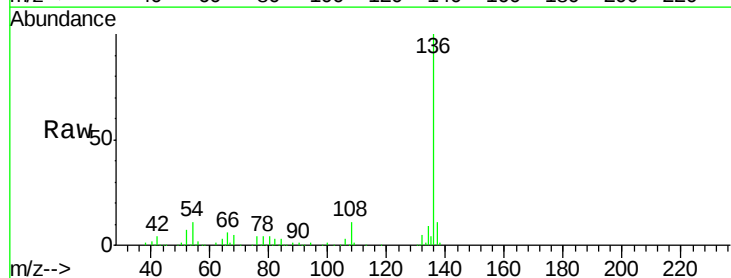
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.9 5.0 7.4#

68 5.4 4.4 6.6

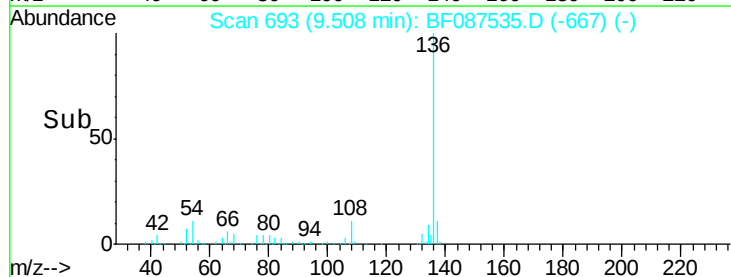
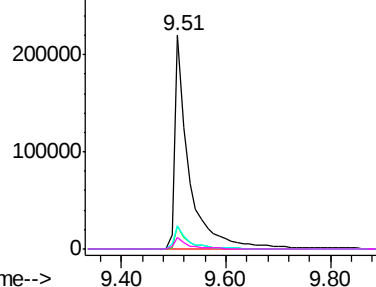


Abundance Ion 136.00 (135.70 to 136.70): E

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

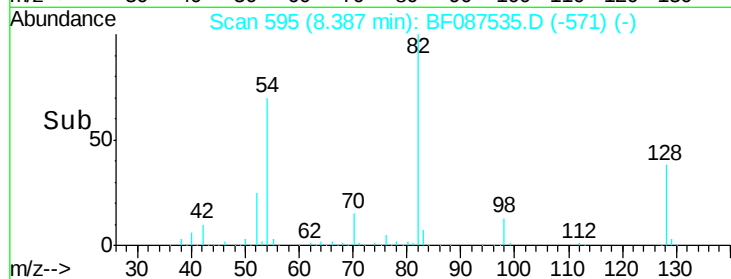
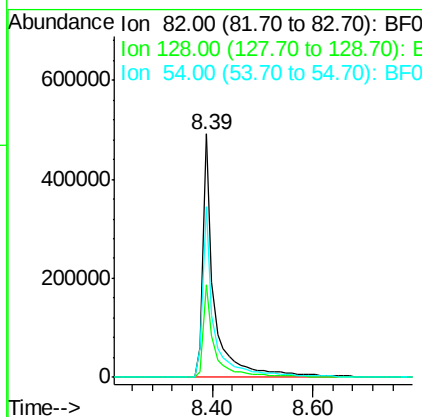
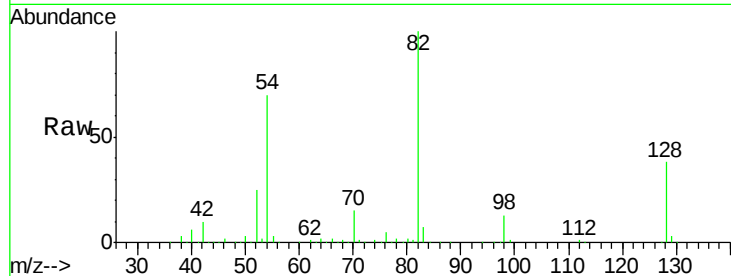




#23
 Nitrobenzene-d5
 Concen: 93.64 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087535.D
 Acq: 30 May 2016 4:32

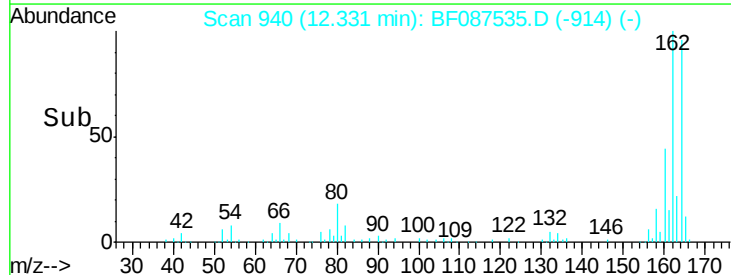
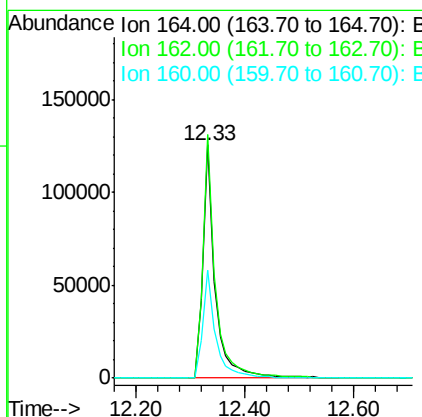
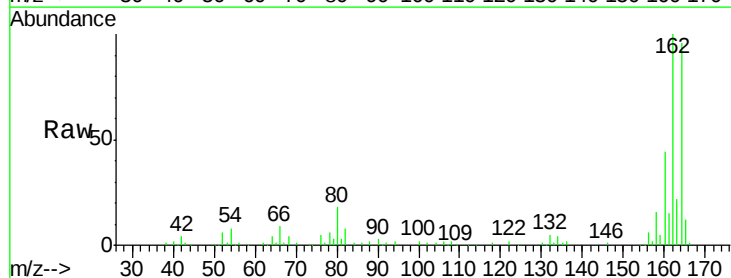
Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1280(0-4)

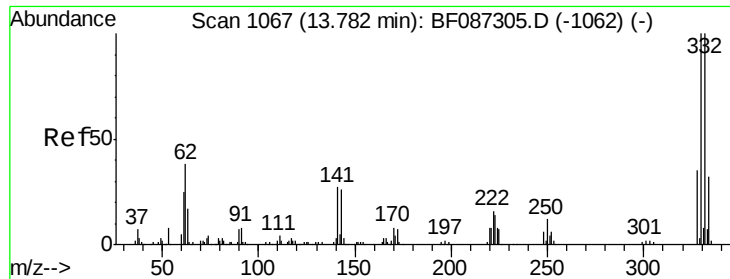
Tot Ion	82	Resp	778670
Ion Ratio	100		
Lower	40.6		
Upper	61.0		
128	38.3		
54	70.3		



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF087535.D
 Acq: 30 May 2016 4:32

Tgt Ion	164	Resp	194835
Ion Ratio	100		
Lower	82.8		
Upper	124.2		
162	104.6		
160	46.3		

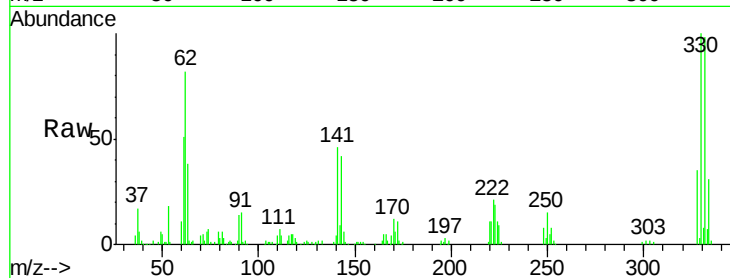




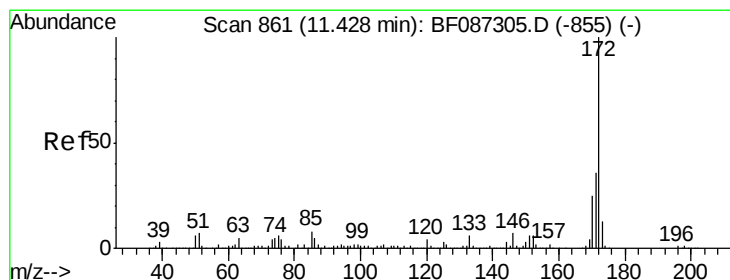
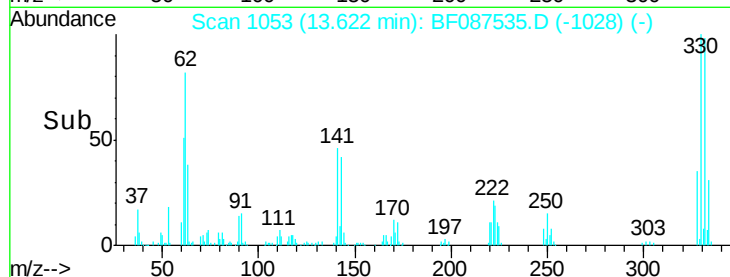
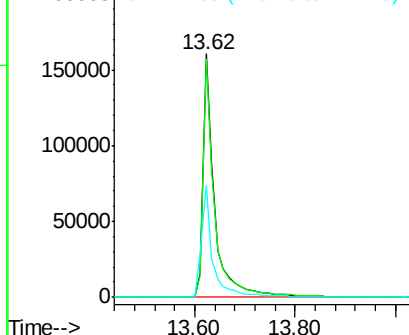
#41
 2,4,6-Tribromophenol
 Concen: 137.68 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087535.D
 Acq: 30 May 2016 4:32

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1280(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	46.6	31.2	46.8

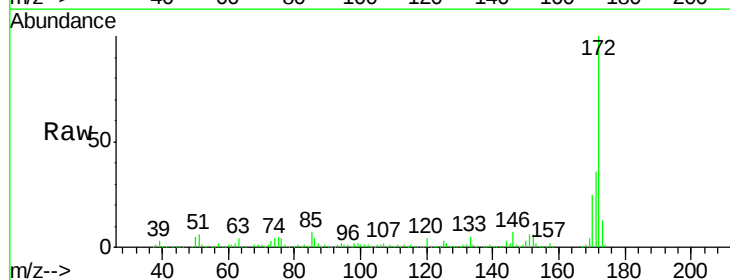


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

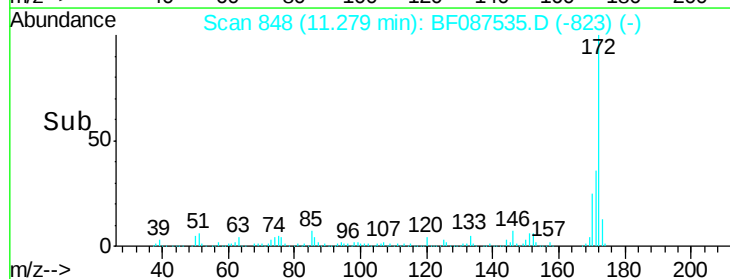
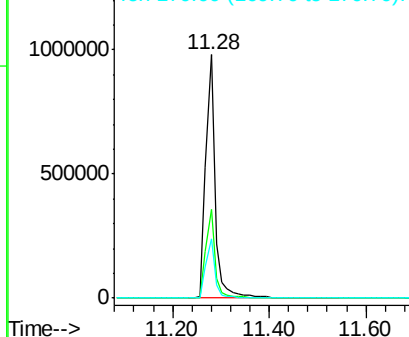


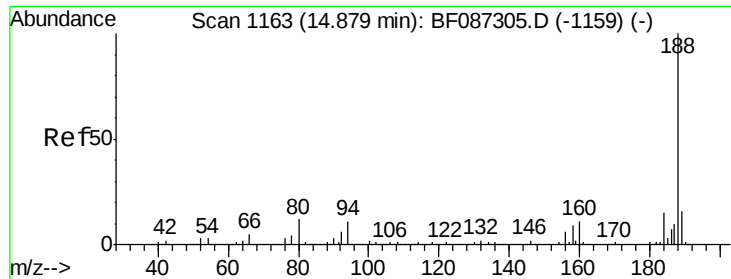
#44
 2-Fluorobiphenyl
 Concen: 96.55 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087535.D
 Acq: 30 May 2016 4:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.6	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

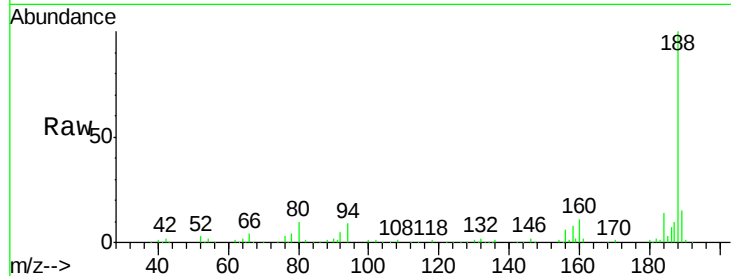




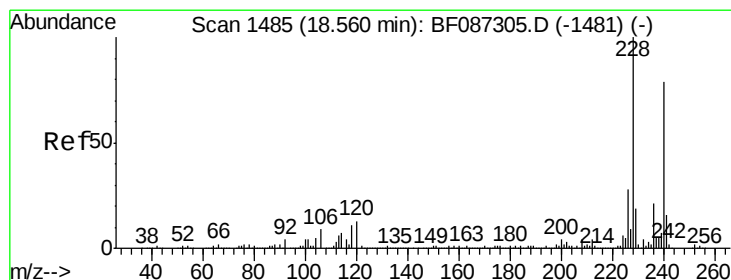
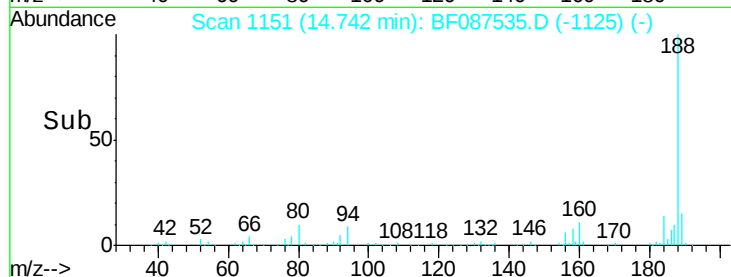
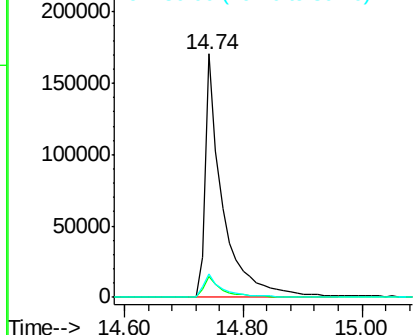
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF087535.D
Acq: 30 May 2016 4:32

Instrument :
BNA_F
ClientSampleId :
STA-TA-1280(0-4)

Tot Ion:188 Resp: 352291
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.6 7.1 10.7

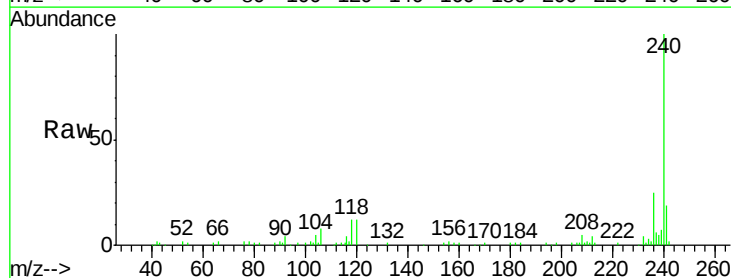


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

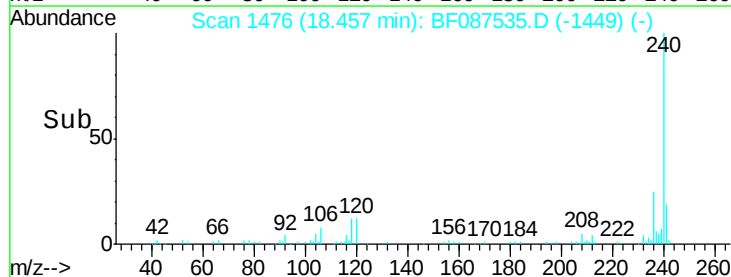
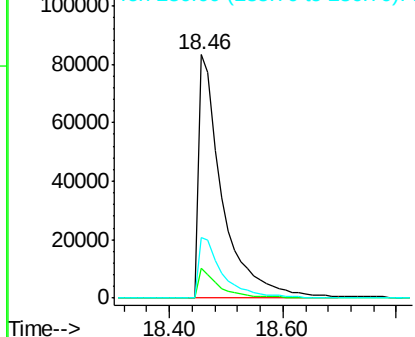


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. 0.01 min
Lab File: BF087535.D
Acq: 30 May 2016 4:32

Tgt Ion:240 Resp: 237240
Ion Ratio Lower Upper
240 100
120 12.1 11.2 16.8
236 25.1 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: 99.22 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087535.D

Acq: 30 May 2016 4:32

Instrument :

BNA_F

ClientSampleId :

STA-TA-1280(0-4)

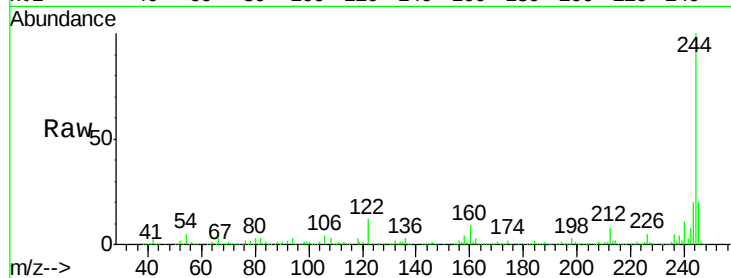
Tot Ion:244 Resp: 1107139

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

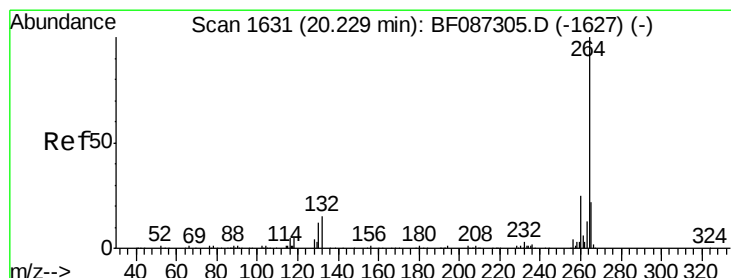
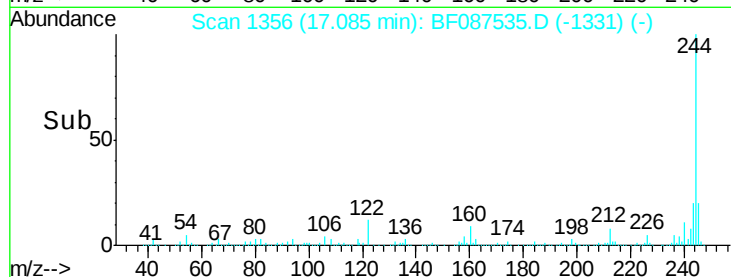
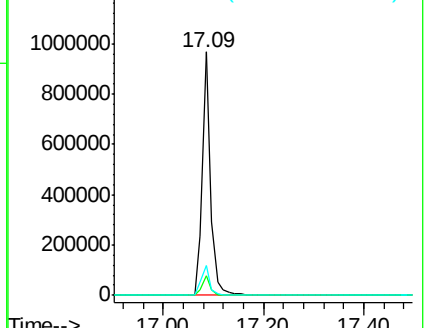
122 12.3 12.0 18.0



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: BF087535.D

Acq: 30 May 2016 4:32

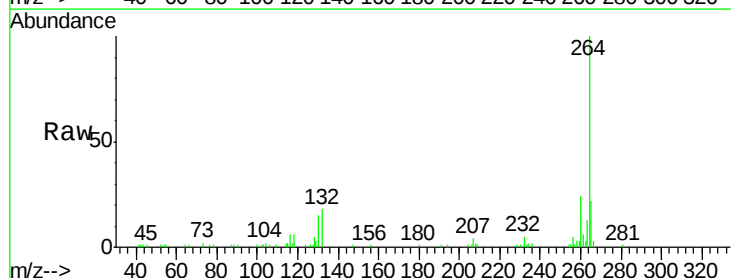
Tgt Ion:264 Resp: 168842

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.7 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

