

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087533.D
 Acq On : 30 May 2016 3:24
 Operator : UM/SJ
 Sample : H3268-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-1491(0-4)

Quant Time: May 30 07:22:25 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	104457	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	407074	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	186910	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	335134	20.00	ng	0.00
75) Chrysene-d12	18.46	240	233750	20.00	ng	0.01
86) Perylene-d12	20.15	264	170364	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	799981	134.57	ng	0.02
7) Phenol-d6	7.04	99	1036949	129.09	ng	0.00
23) Nitrobenzene-d5	8.39	82	765154	94.73	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	243140	135.37	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1269837	95.78	ng	-0.01
78) Terphenyl-d14	17.09	244	1083473	98.54	ng	-0.01

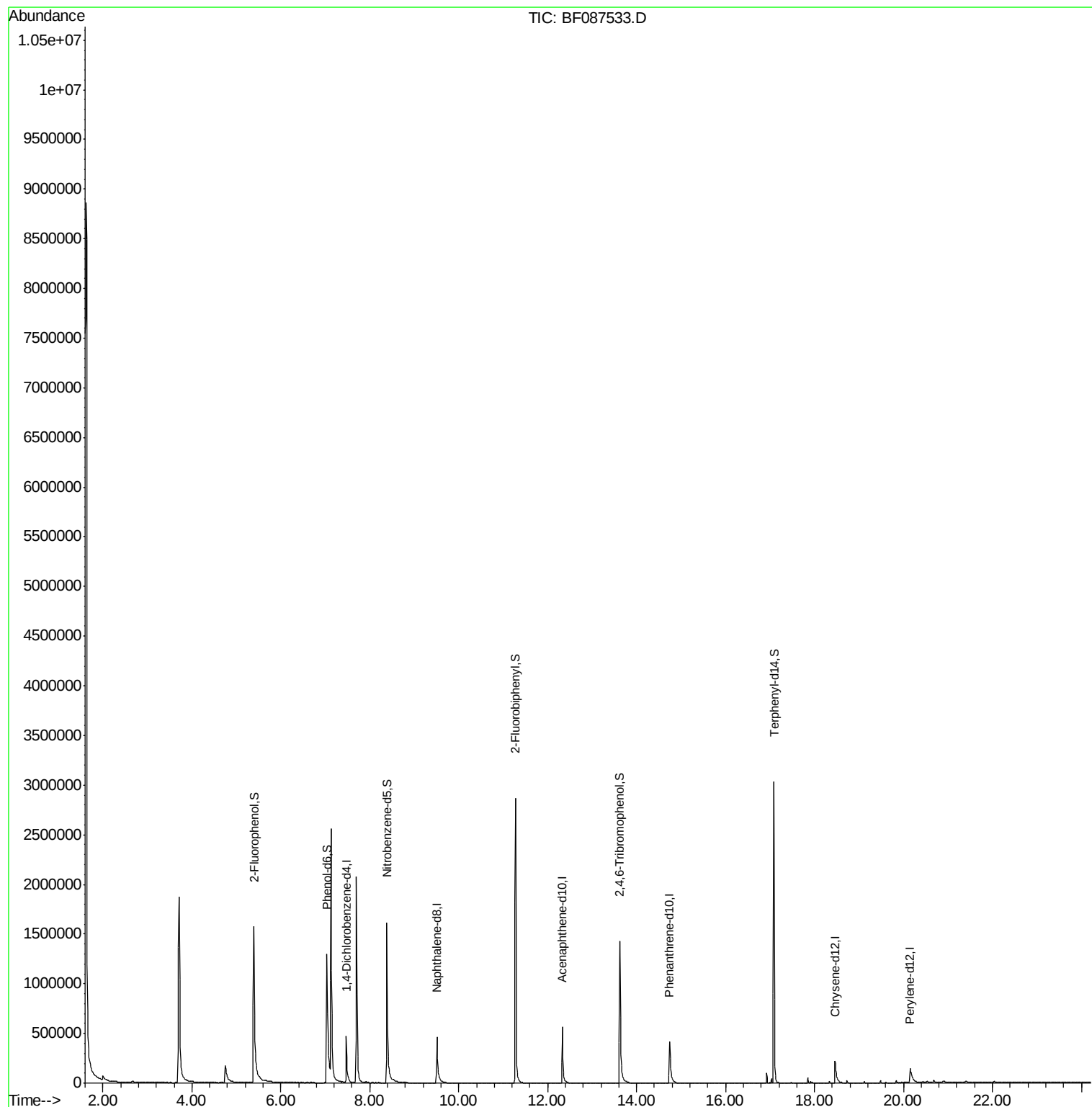
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087533.D
Acq On : 30 May 2016 3:24
Operator : UM/SJ
Sample : H3268-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)

Quant Time: May 30 07:22:25 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



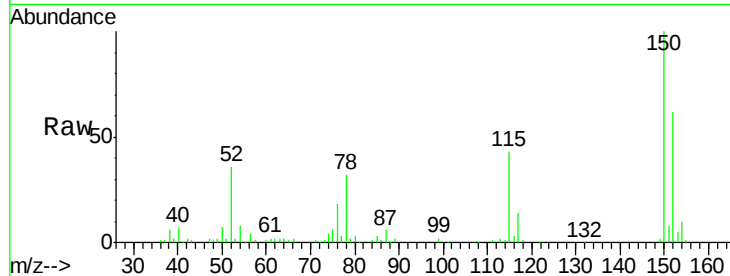


#1

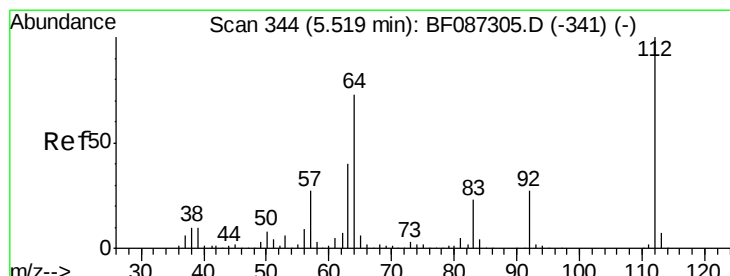
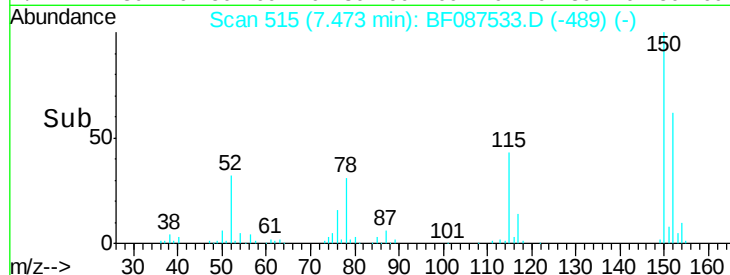
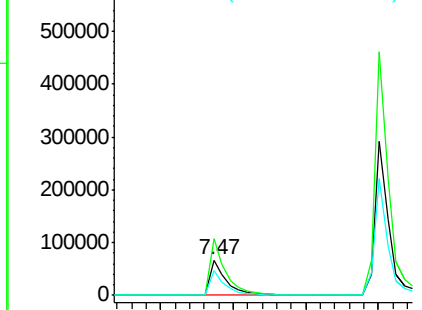
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF087533.D
 Acq: 30 May 2016 3:24

Instrument :
 BNA_F
 ClientSampleId :
 SC-1491(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	125.8	188.6
115	69.0	51.5	77.3



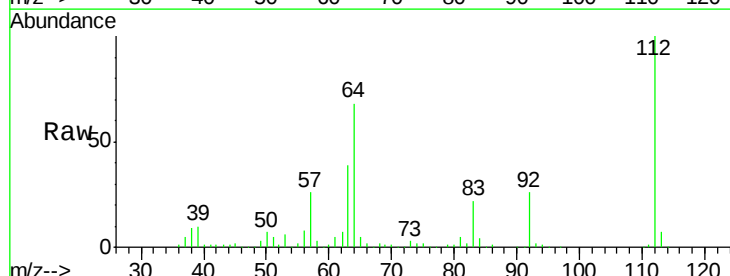
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



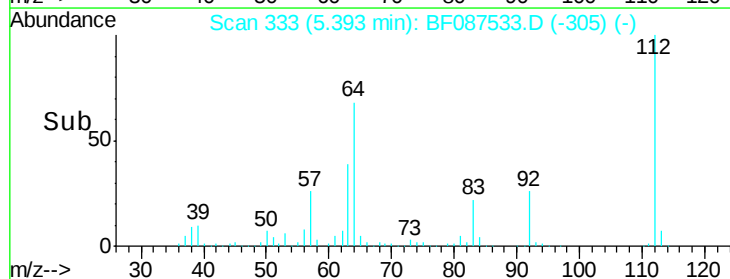
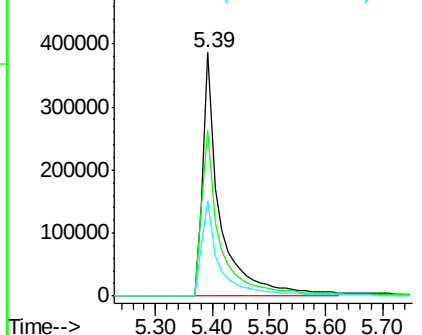
#5

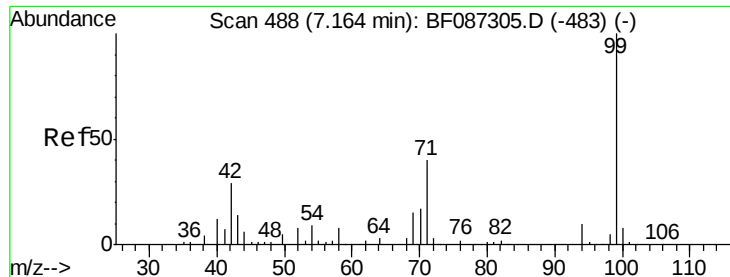
2-Fluorophenol
 Concen: 134.57 ng
 RT: 5.39 min Scan# 333
 Delta R.T. 0.02 min
 Lab File: BF087533.D
 Acq: 30 May 2016 3:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	52.1	78.1
63	39.2	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: 129.09 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF087533.D

Acq: 30 May 2016 3:24

Instrument :

BNA_F

ClientSampleId :

SC-1491(0-4)

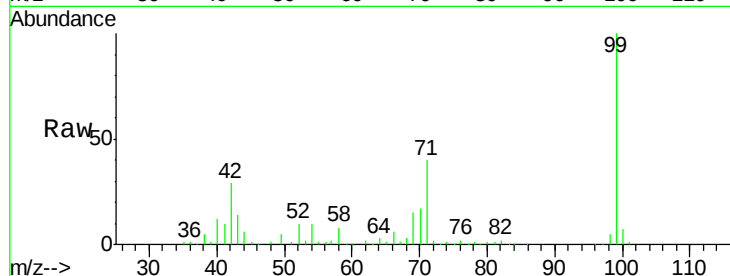
Tot Ion: 99 Resp: 1036949

Ion Ratio Lower Upper

99 100

42 28.7 13.6 20.4#

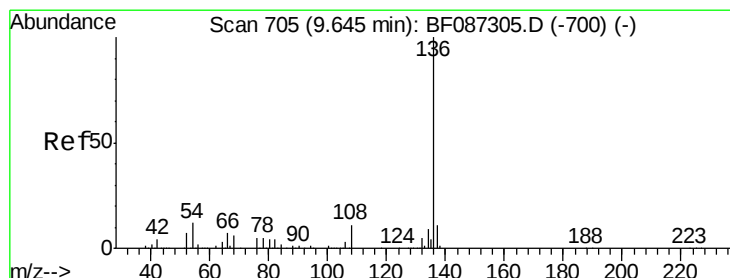
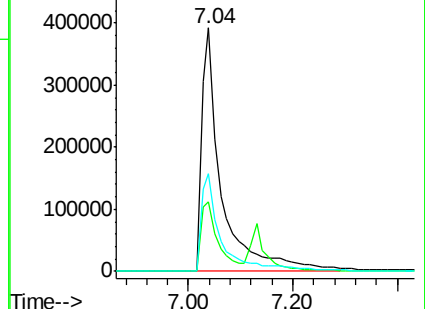
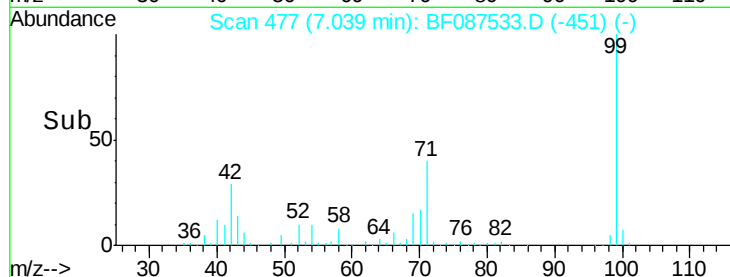
71 40.1 24.6 36.8#



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: BF087533.D

Acq: 30 May 2016 3:24

Tgt Ion: 136 Resp: 407074

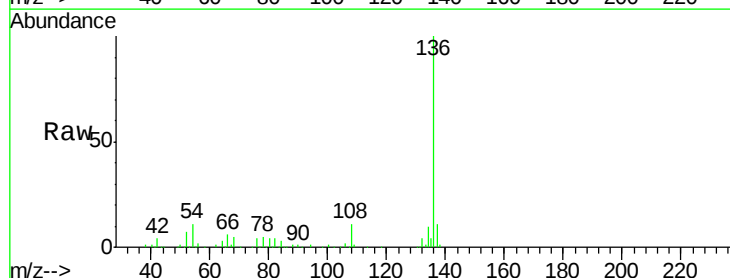
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.6 5.0 7.4#

68 5.1 4.4 6.6

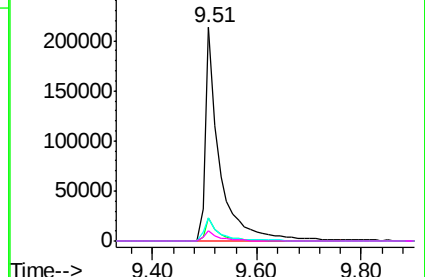
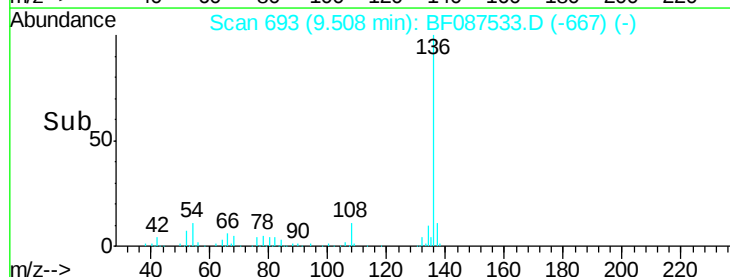


Abundance Ion 136.00 (135.70 to 136.70): E

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

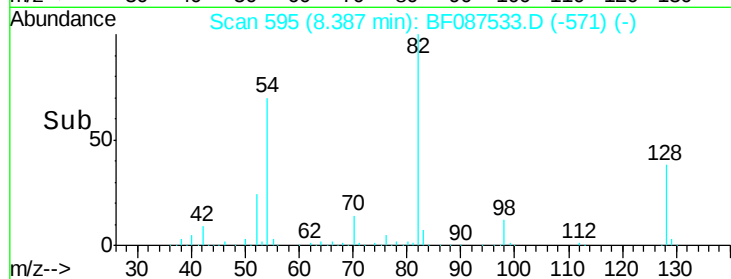
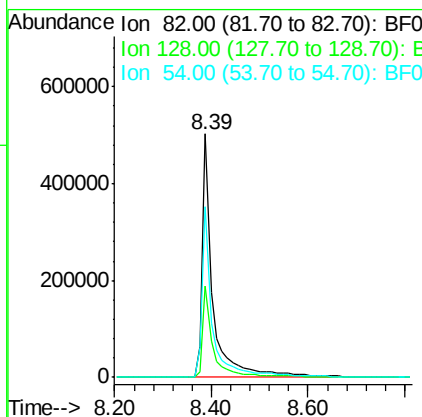
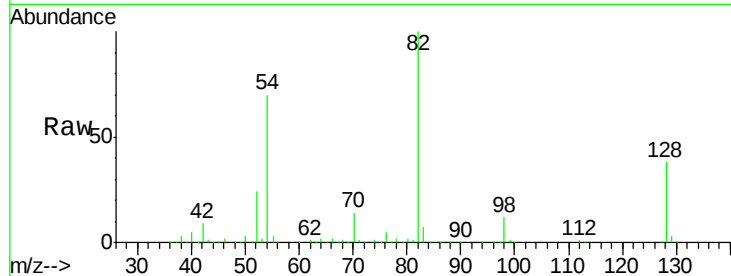




#23
 Nitrobenzene-d5
 Concen: 94.73 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087533.D
 Acq: 30 May 2016 3:24

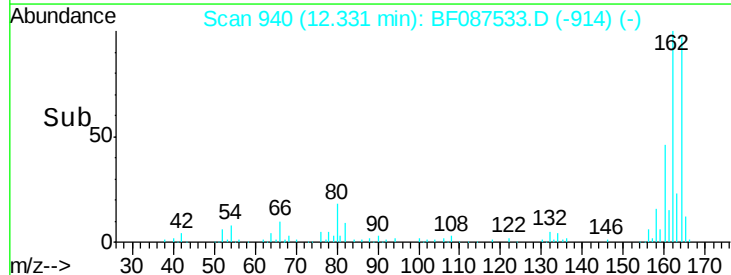
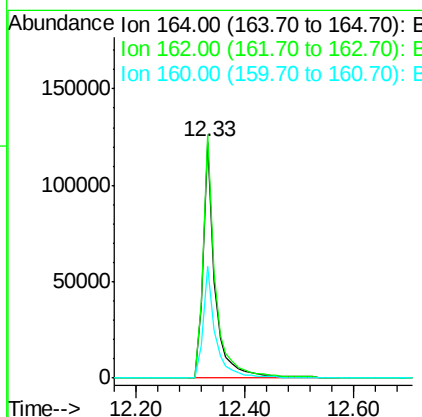
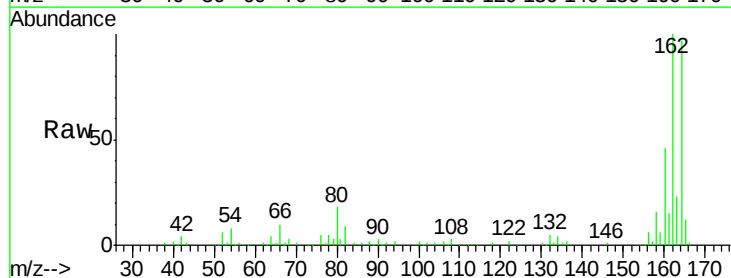
Instrument :
 BNA_F
 ClientSampleId :
 SC-1491(0-4)

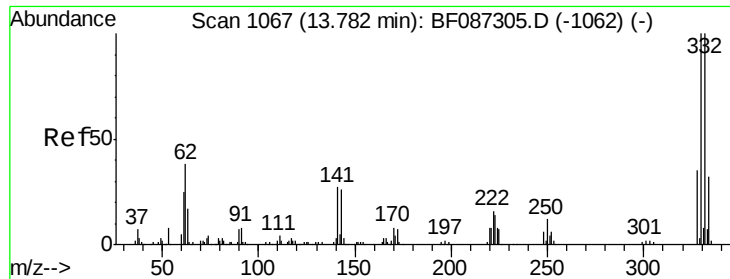
Tot Ion	82	Resp	765154
Ion Ratio	Lower	Upper	
82	100		
128	37.6	40.6	61.0#
54	70.0	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF087533.D
 Acq: 30 May 2016 3:24

Tgt Ion	164	Resp	186910
Ion Ratio	Lower	Upper	
164	100		
162	103.1	82.8	124.2
160	47.2	36.9	55.3

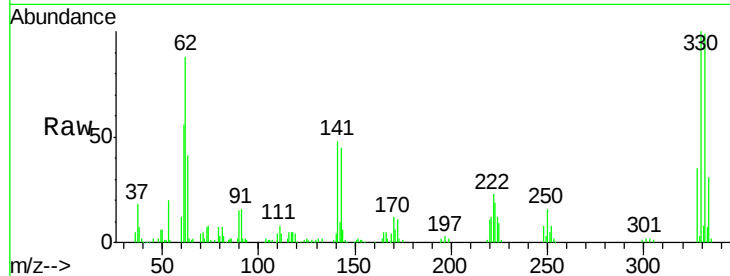




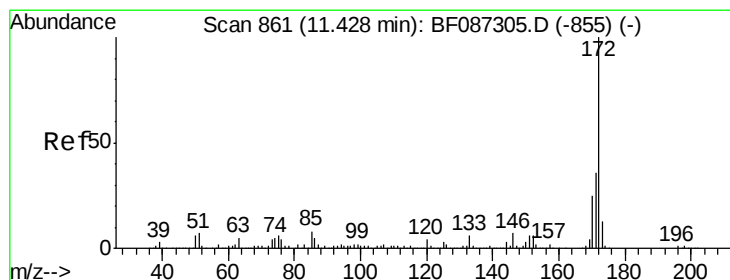
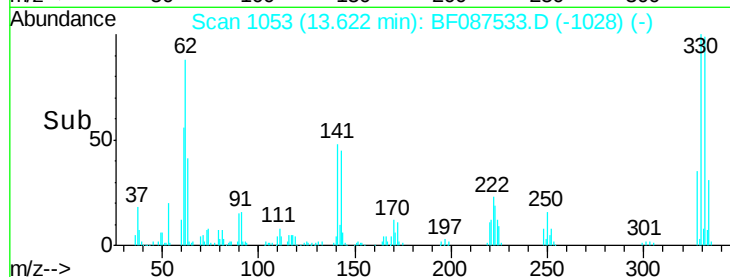
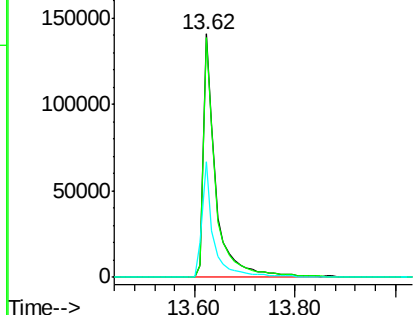
#41
 2,4,6-Tribromophenol
 Concen: 135.37 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087533.D
 Acq: 30 May 2016 3:24

Instrument :
 BNA_F
 ClientSampleId :
 SC-1491(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.0	118.4
141	45.5	31.2	46.8

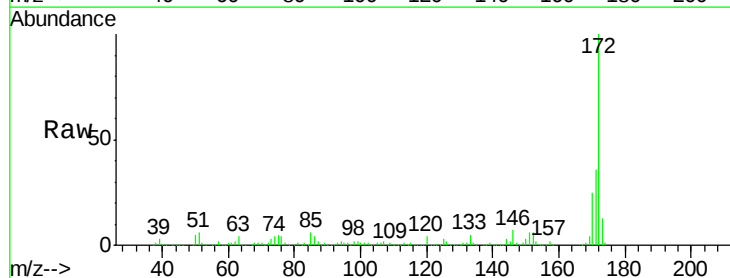


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

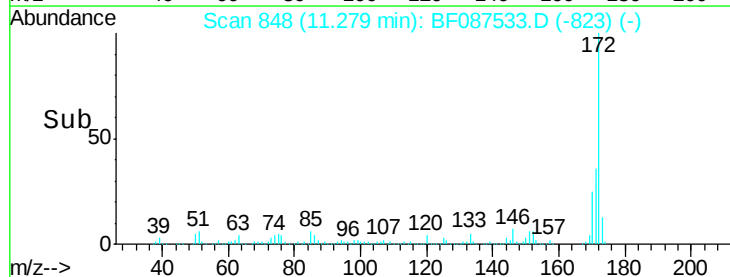
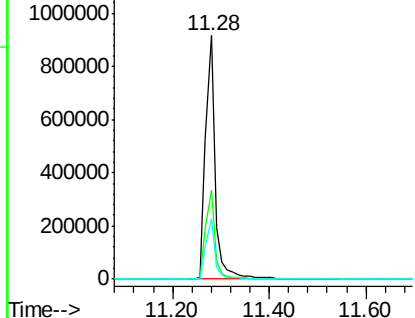


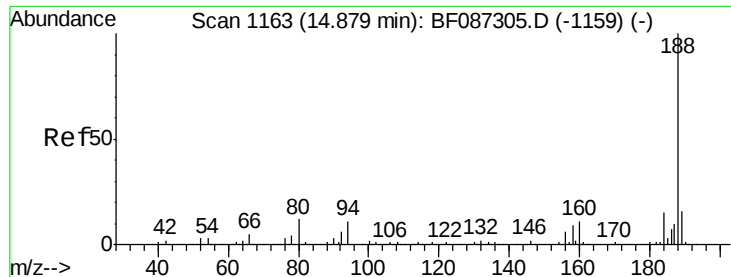
#44
 2-Fluorobiphenyl
 Concen: 95.78 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087533.D
 Acq: 30 May 2016 3:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.7	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

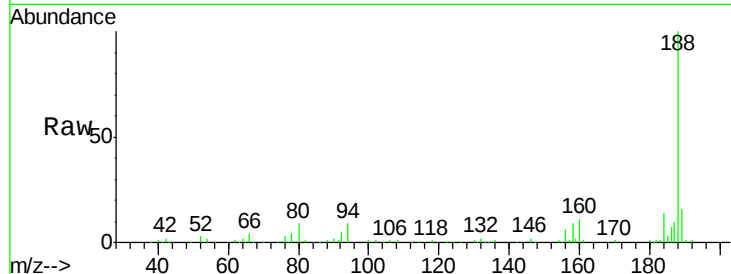




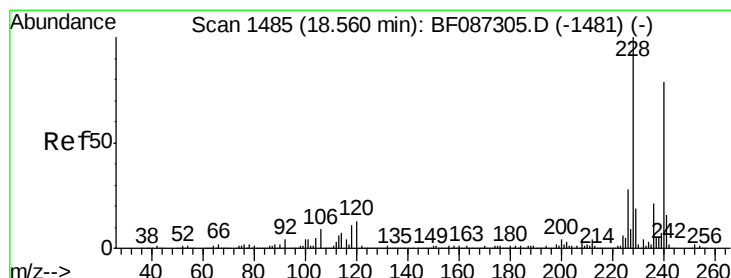
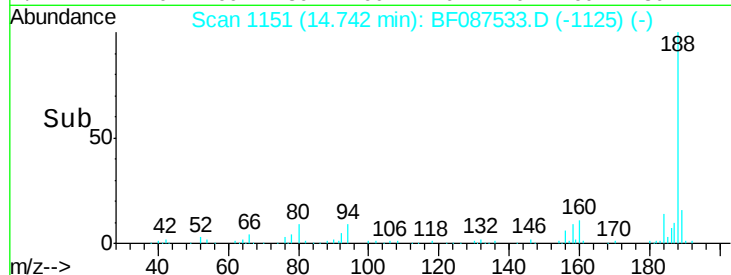
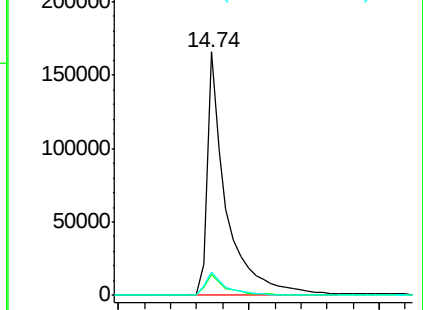
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF087533.D
Acq: 30 May 2016 3:24

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)

Tot Ion:188 Resp: 335134
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.5 7.1 10.7

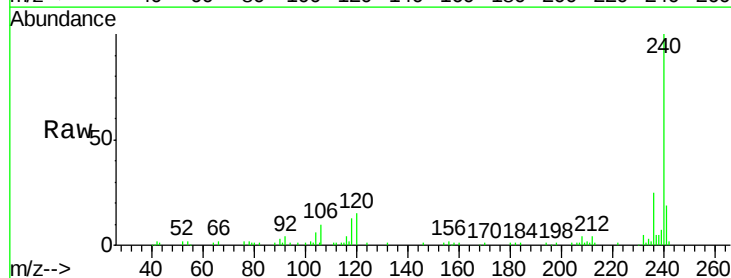


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

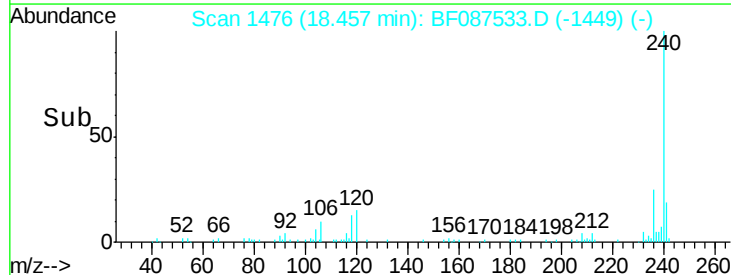
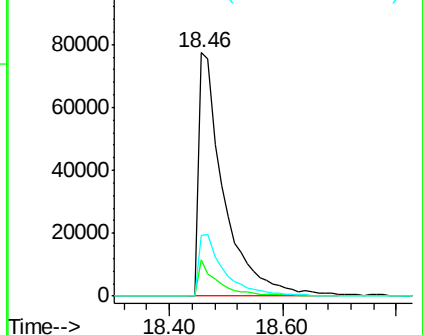


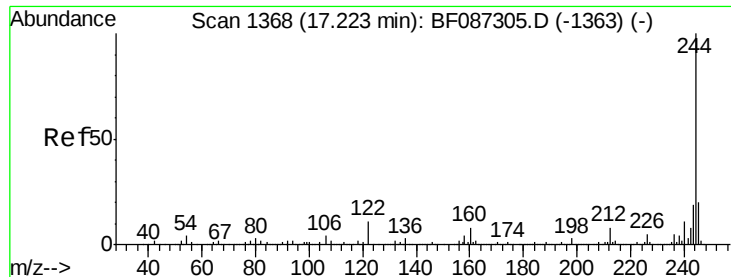
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. 0.01 min
Lab File: BF087533.D
Acq: 30 May 2016 3:24

Tgt Ion:240 Resp: 233750
Ion Ratio Lower Upper
240 100
120 14.9 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

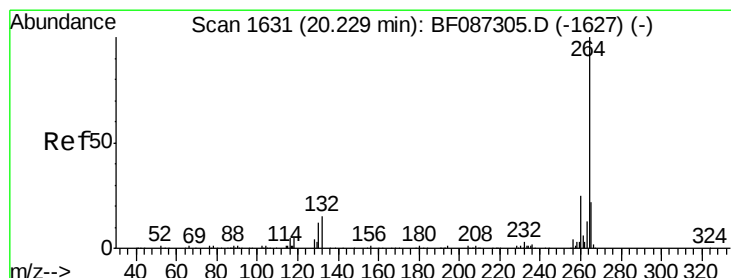
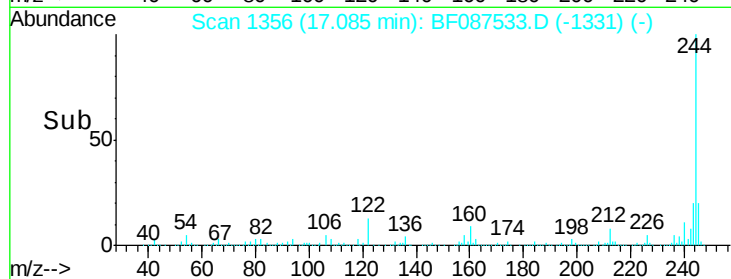
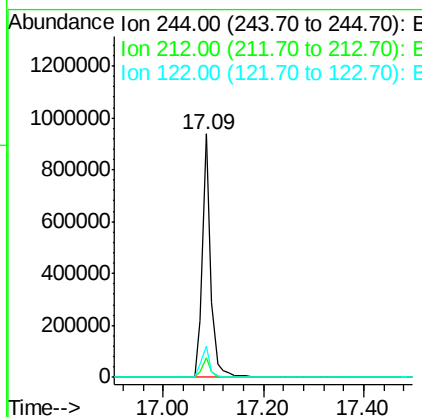
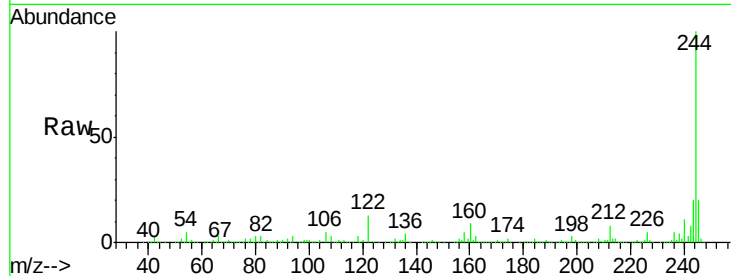




#78
 Terphenyl-d14
 Concen: 98.54 ng
 RT: 17.09 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF087533.D
 Acq: 30 May 2016 3:24

Instrument :
 BNA_F
 ClientSampleId :
 SC-1491(0-4)

Tot Ion:244 Resp: 1083473
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 12.6 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.15 min Scan# 1624
 Delta R.T. 0.02 min
 Lab File: BF087533.D
 Acq: 30 May 2016 3:24

Tgt Ion:264 Resp: 170364
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.8 17.3 25.9

