

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087538.D
 Acq On : 30 May 2016 6:15
 Operator : UM/SJ
 Sample : H3268-11
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1271(0-4)

Quant Time: May 30 07:29:07 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

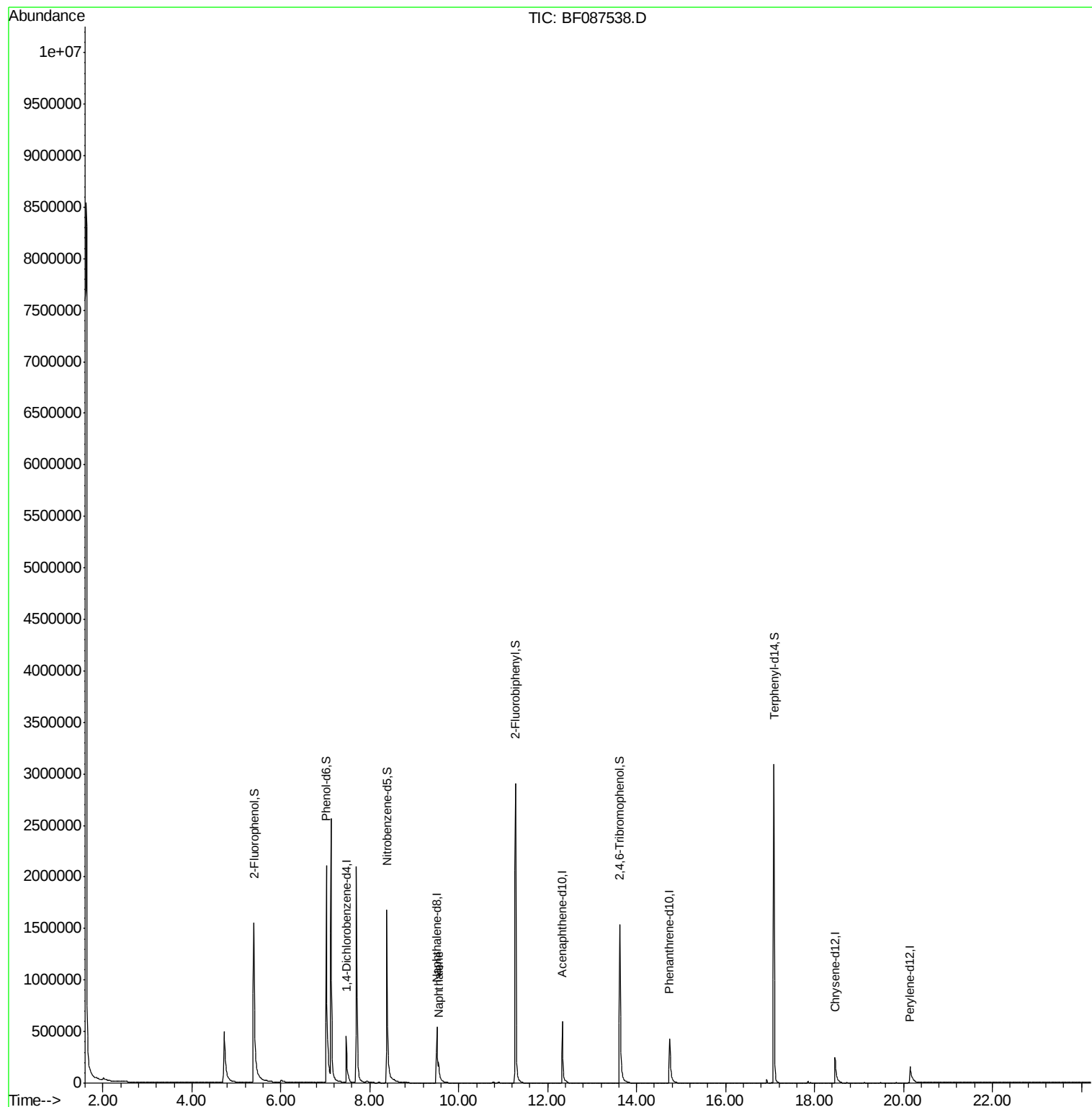
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	109247	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	424066	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	199272	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	365217	20.00	ng	0.00
75) Chrysene-d12	18.46	240	254601	20.00	ng	0.01
86) Perylene-d12	20.15	264	181997	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	809165	130.15	ng	0.02
7) Phenol-d6	7.03	99	1050536	125.05	ng	-0.01
23) Nitrobenzene-d5	8.39	82	787194	93.56	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	258925	135.21	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1344988	95.15	ng	-0.01
78) Terphenyl-d14	17.09	244	1165131	97.29	ng	-0.01
Target Compounds						
31) Naphthalene	9.54	128	206663	9.73	ng	Qvalue 99

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087538.D
Acq On : 30 May 2016 6:15
Operator : UM/SJ
Sample : H3268-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-TA-1271(0-4)

Quant Time: May 30 07:29:07 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



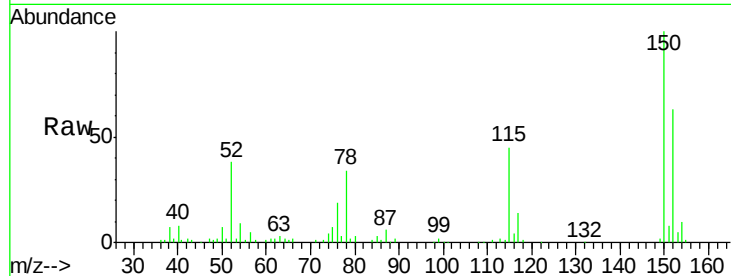


#1

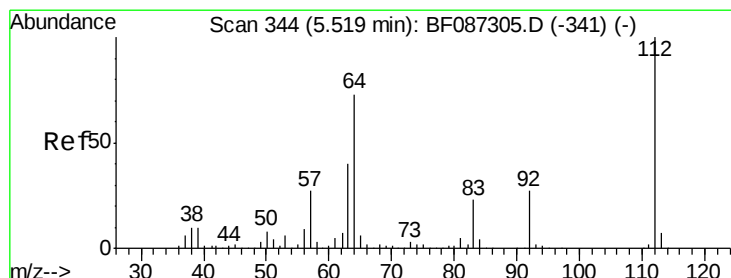
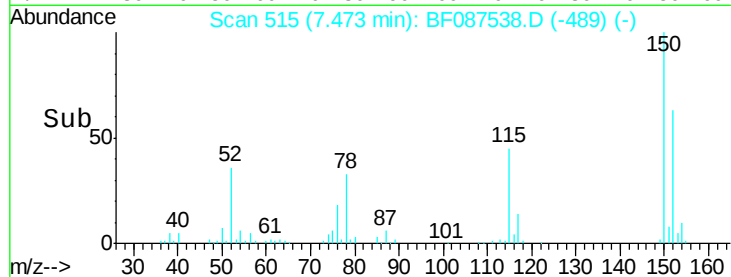
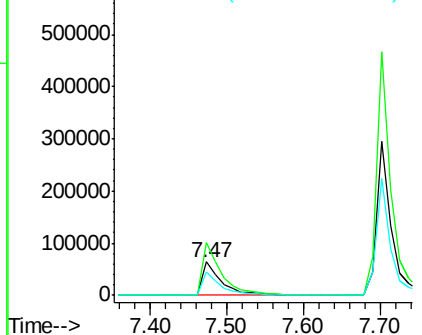
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF087538.D
Acq: 30 May 2016 6:15

Instrument :
BNA_F
ClientSampleId :
STA-TA-1271(0-4)

Tot Ion:152 Resp: 109247
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 71.0 51.5 77.3



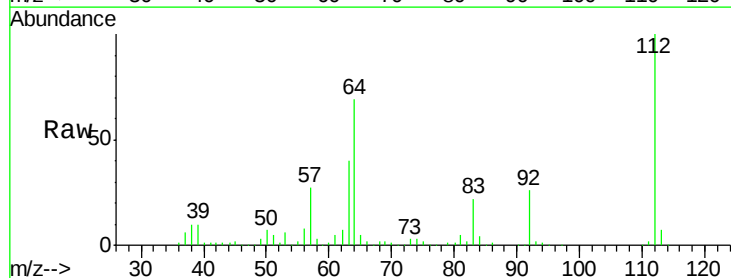
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



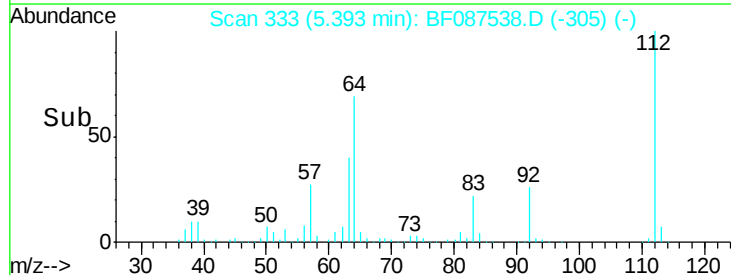
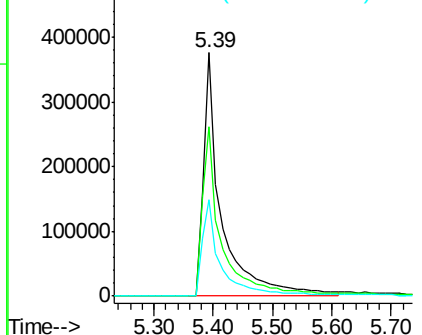
#5

2-Fluorophenol
Concen: 130.15 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.02 min
Lab File: BF087538.D
Acq: 30 May 2016 6:15

Tgt Ion:112 Resp: 809165
Ion Ratio Lower Upper
112 100
64 69.4 52.1 78.1
63 39.6 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: 125.05 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087538.D

Acq: 30 May 2016 6:15

Instrument :

BNA_F

ClientSampleId :

STA-TA-1271(0-4)

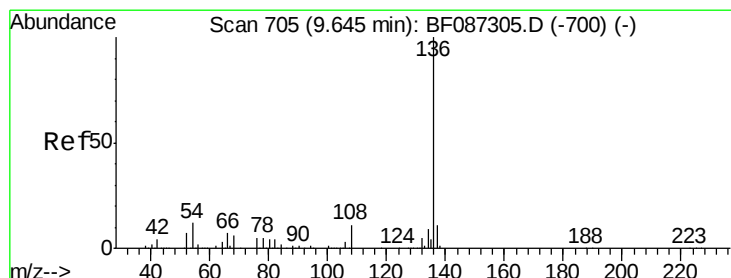
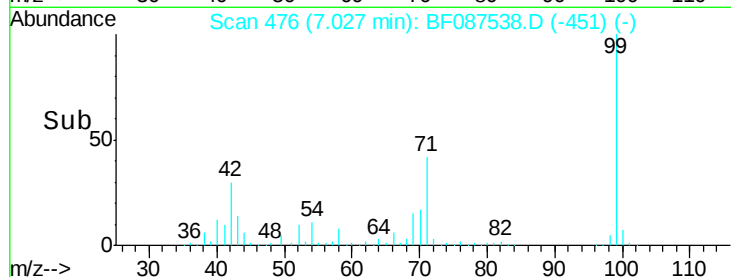
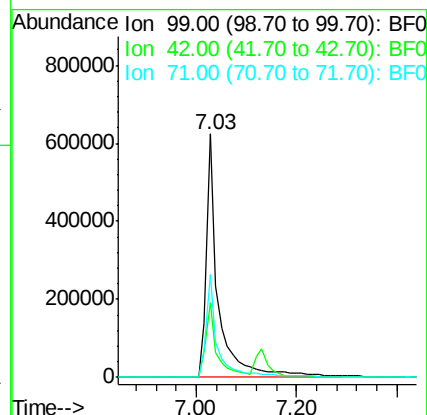
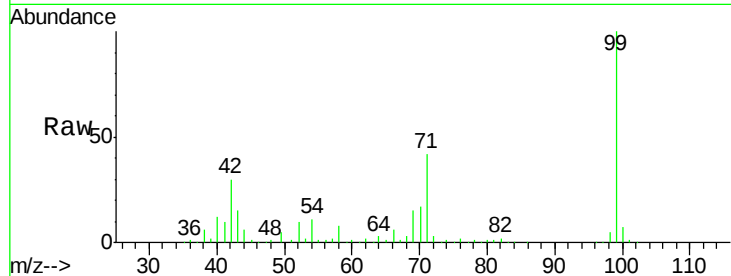
Tot Ion: 99 Resp: 1050536

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

71 42.0 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF087538.D

Acq: 30 May 2016 6:15

Tgt Ion: 136 Resp: 424066

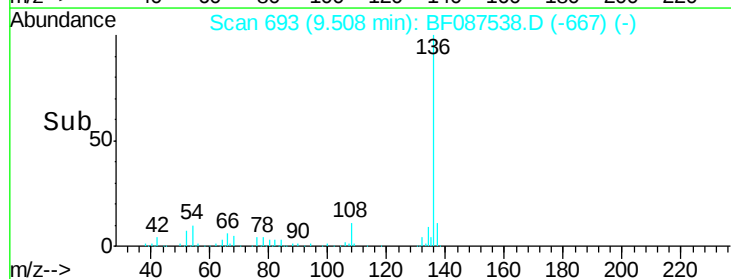
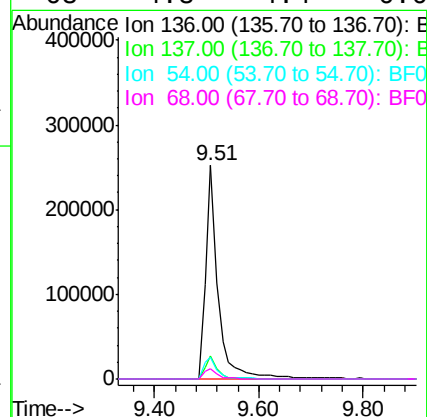
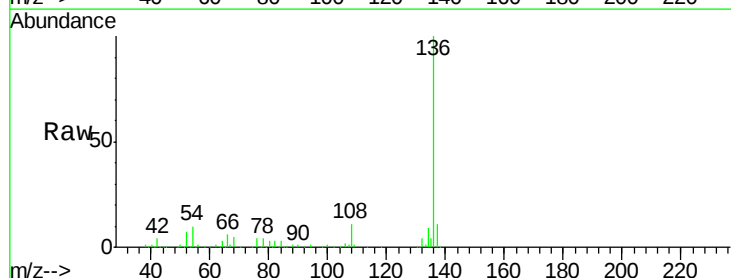
Ion Ratio Lower Upper

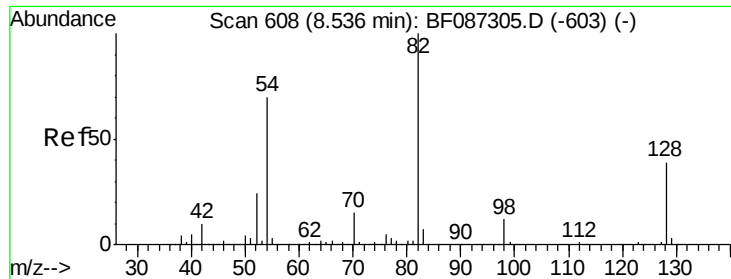
136 100

137 10.5 8.8 13.2

54 10.3 5.0 7.4#

68 4.8 4.4 6.6

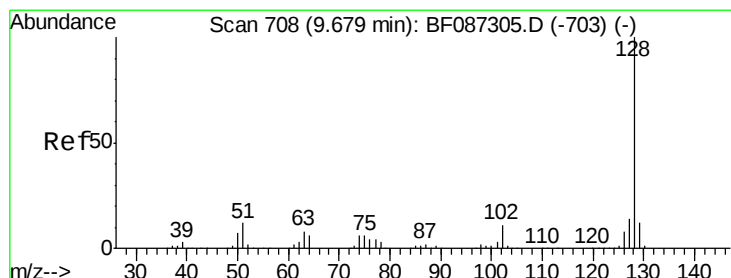
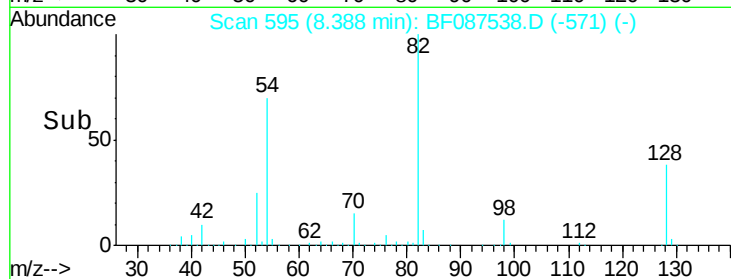
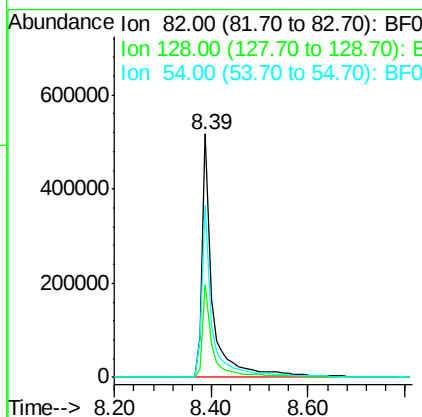
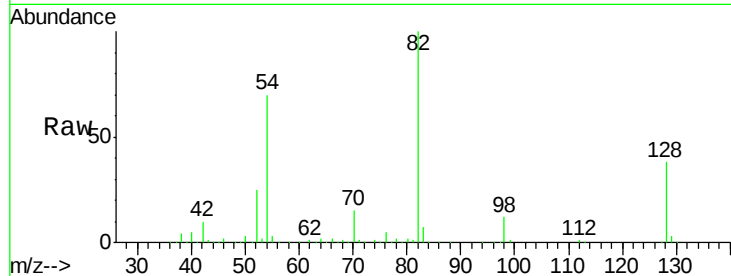




#23
 Nitrobenzene-d5
 Concen: 93.56 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087538.D
 Acq: 30 May 2016 6:15

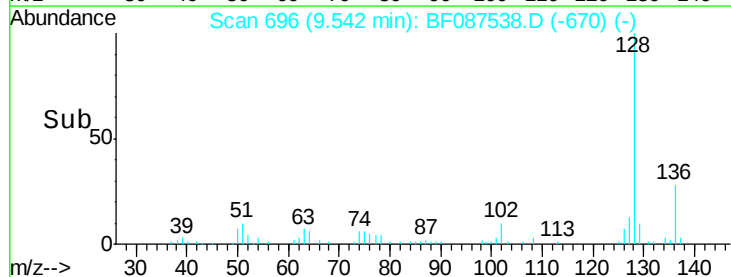
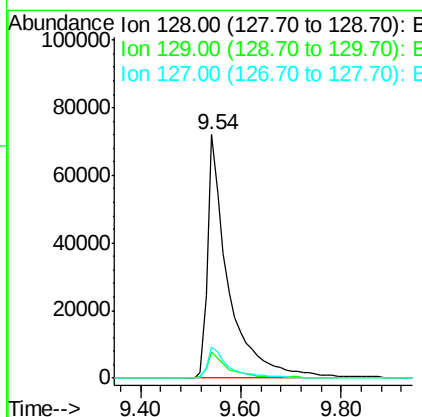
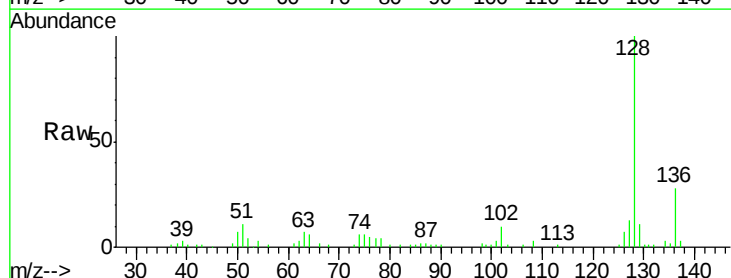
Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1271(0-4)

Tot Ion: 82 Resp: 787194
 Ion Ratio Lower Upper
 82 100
 128 38.1 40.6 61.0#
 54 70.4 38.1 57.1#



#31
 Naphthalene
 Concen: 9.73 ng
 RT: 9.54 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF087538.D
 Acq: 30 May 2016 6:15

Tgt Ion: 128 Resp: 206663
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 13.0
 127 12.7 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.33 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF087538.D

Acq: 30 May 2016 6:15

Instrument :

BNA_F

ClientSampleId :

STA-TA-1271(0-4)

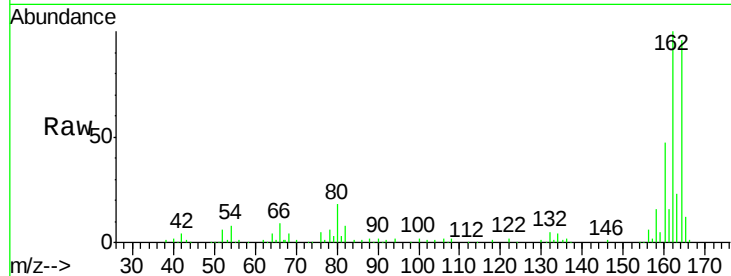
Tot Ion:164 Resp: 199272

Ion Ratio Lower Upper

164 100

162 104.0 82.8 124.2

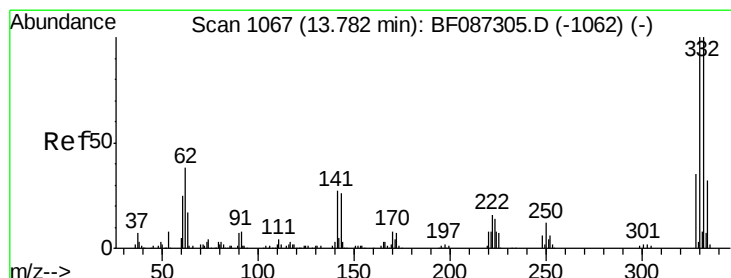
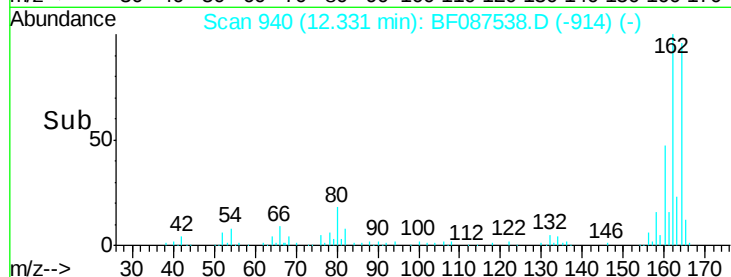
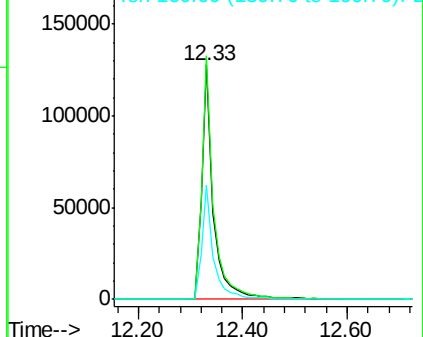
160 48.6 36.9 55.3



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: 135.21 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF087538.D

Acq: 30 May 2016 6:15

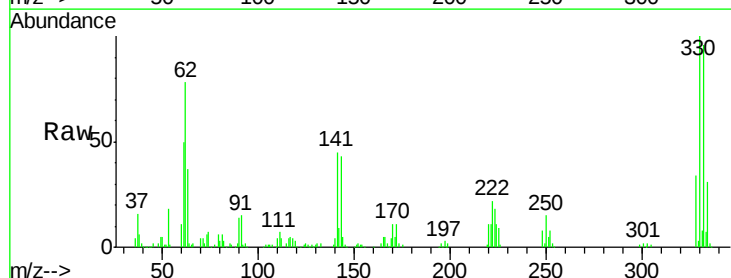
Tgt Ion:330 Resp: 258925

Ion Ratio Lower Upper

330 100

332 97.5 79.0 118.4

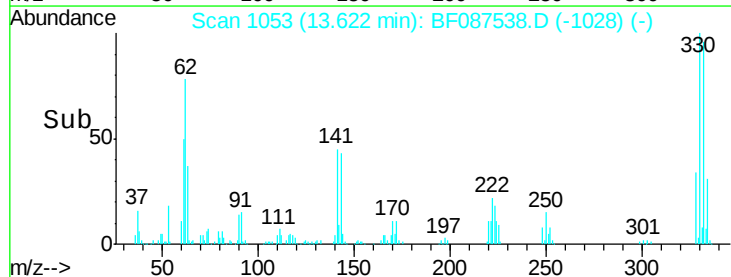
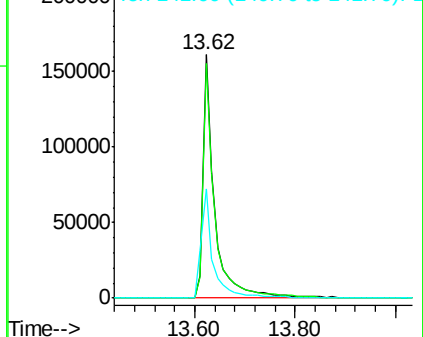
141 47.1 31.2 46.8#

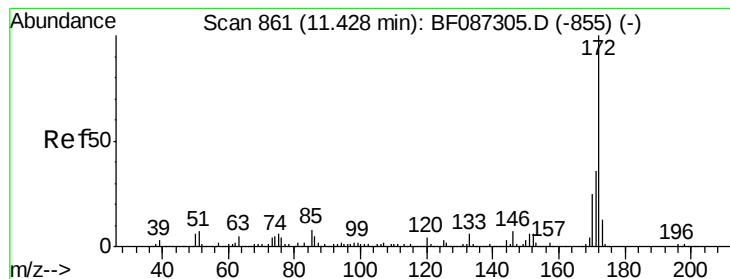


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



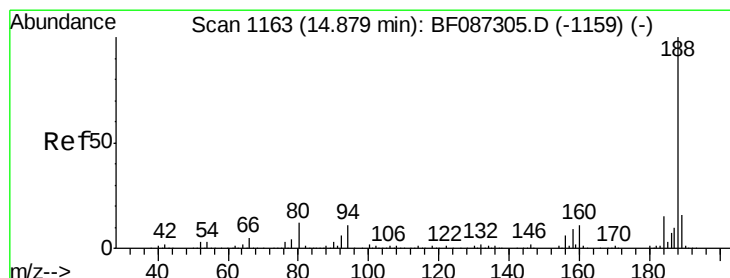
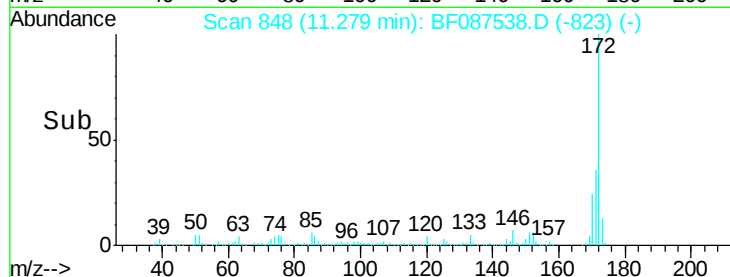
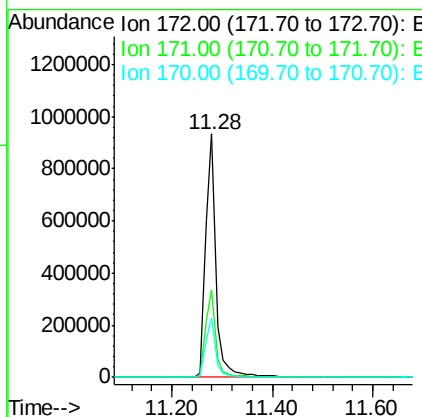
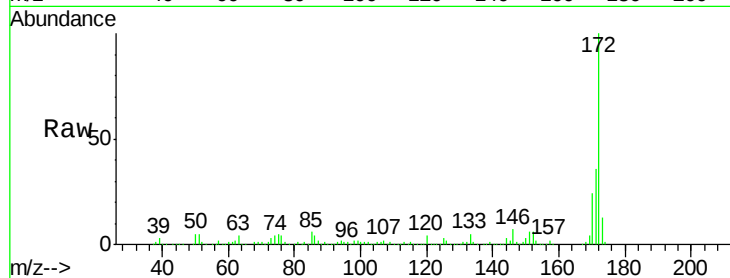


#44
 2-Fluorobiphenyl
 Concen: 95.15 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087538.D
 Acq: 30 May 2016 6:15

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1271(0-4)

Tot Ion:172 Resp: 1344988

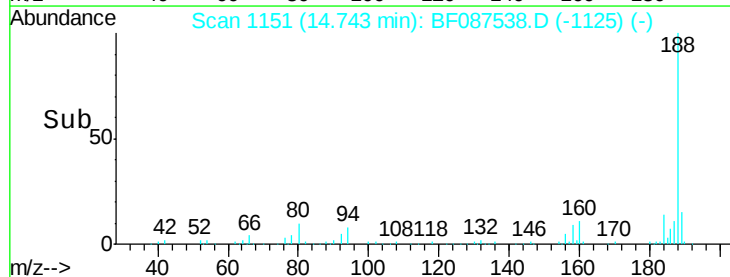
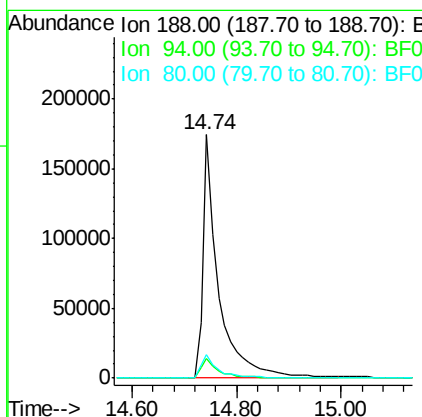
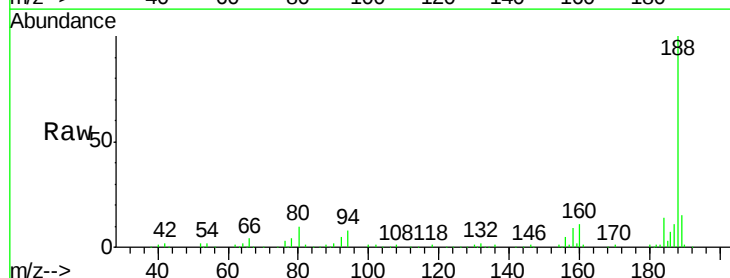
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.8	29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF087538.D
 Acq: 30 May 2016 6:15

Tgt Ion:188 Resp: 365217

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	9.9	7.1	10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.46 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BF087538.D

Acq: 30 May 2016 6:15

Instrument :

BNA_F

ClientSampleId :

STA-TA-1271(0-4)

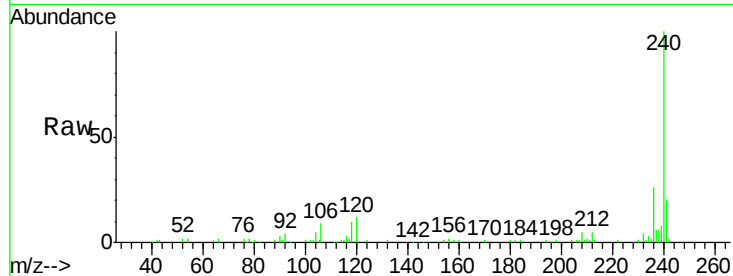
Tot Ion:240 Resp: 254601

Ion Ratio Lower Upper

240 100

120 12.1 11.2 16.8

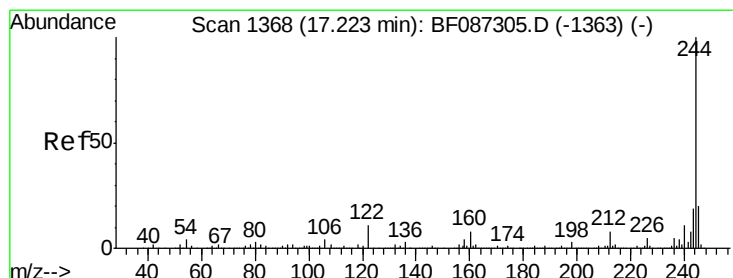
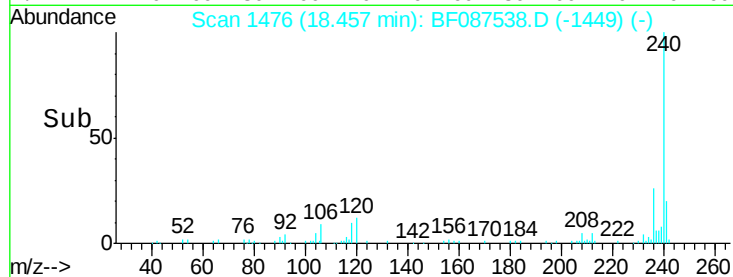
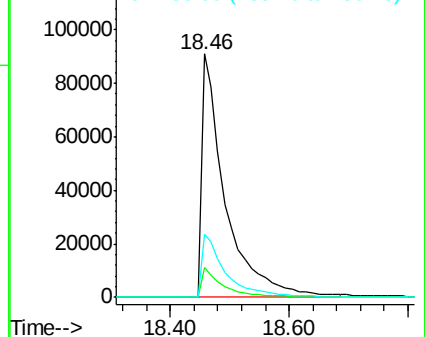
236 25.9 21.2 31.8



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: 97.29 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087538.D

Acq: 30 May 2016 6:15

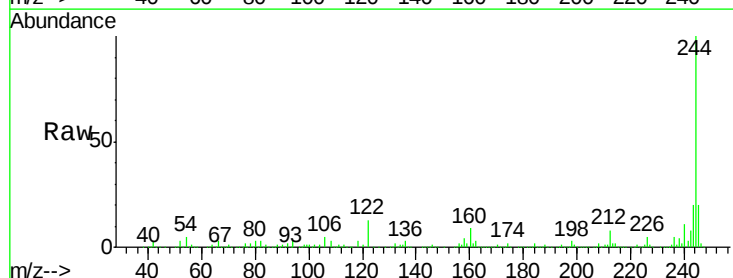
Tgt Ion:244 Resp: 1165131

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

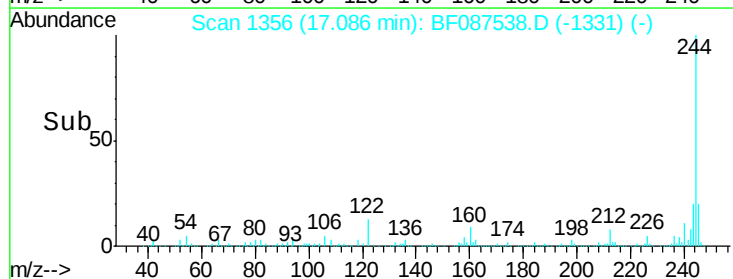
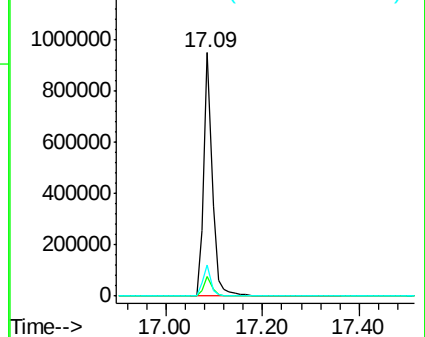
122 12.8 12.0 18.0

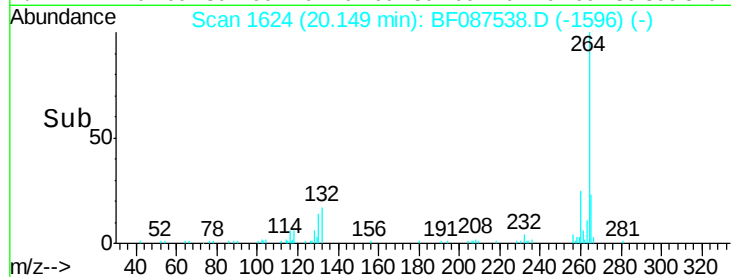
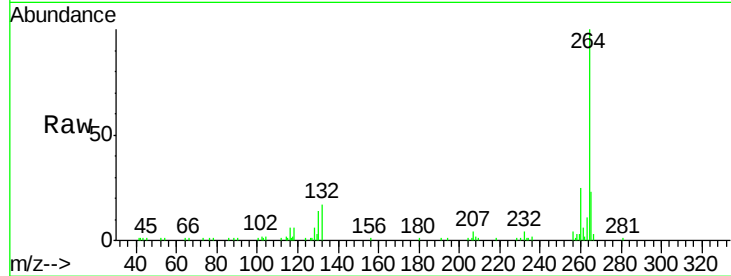
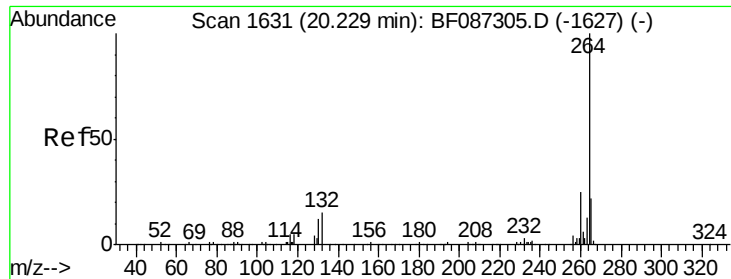


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.15 min Scan# 1624
Delta R.T. 0.02 min
Lab File: BF087538.D
Acq: 30 May 2016 6:15

Instrument :
BNA_F
ClientSampleId :
STA-TA-1271(0-4)

Tot Ion:264	Resp:	181997
Ion Ratio	Lower	Upper
264	100	
260	24.9	19.5 29.3
265	22.9	17.3 25.9

