

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
 Data File : BF087448.D
 Acq On : 27 May 2016 17:57
 Operator : UM/SJ
 Sample : PB90910BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90910BL

Quant Time: May 28 00:13:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	112752	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	449665	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	218604	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	429426	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	359786	20.00	ng	-0.03
86) Perylene-d12	20.13	264	232345	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	819572	127.72	ng	-0.02
7) Phenol-d6	7.04	99	1086066	125.26	ng	-0.03
23) Nitrobenzene-d5	8.40	82	720534	80.76	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	244820	116.54	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1230438	79.35	ng	-0.05
78) Terphenyl-d14	17.10	244	1264892	74.74	ng	-0.03

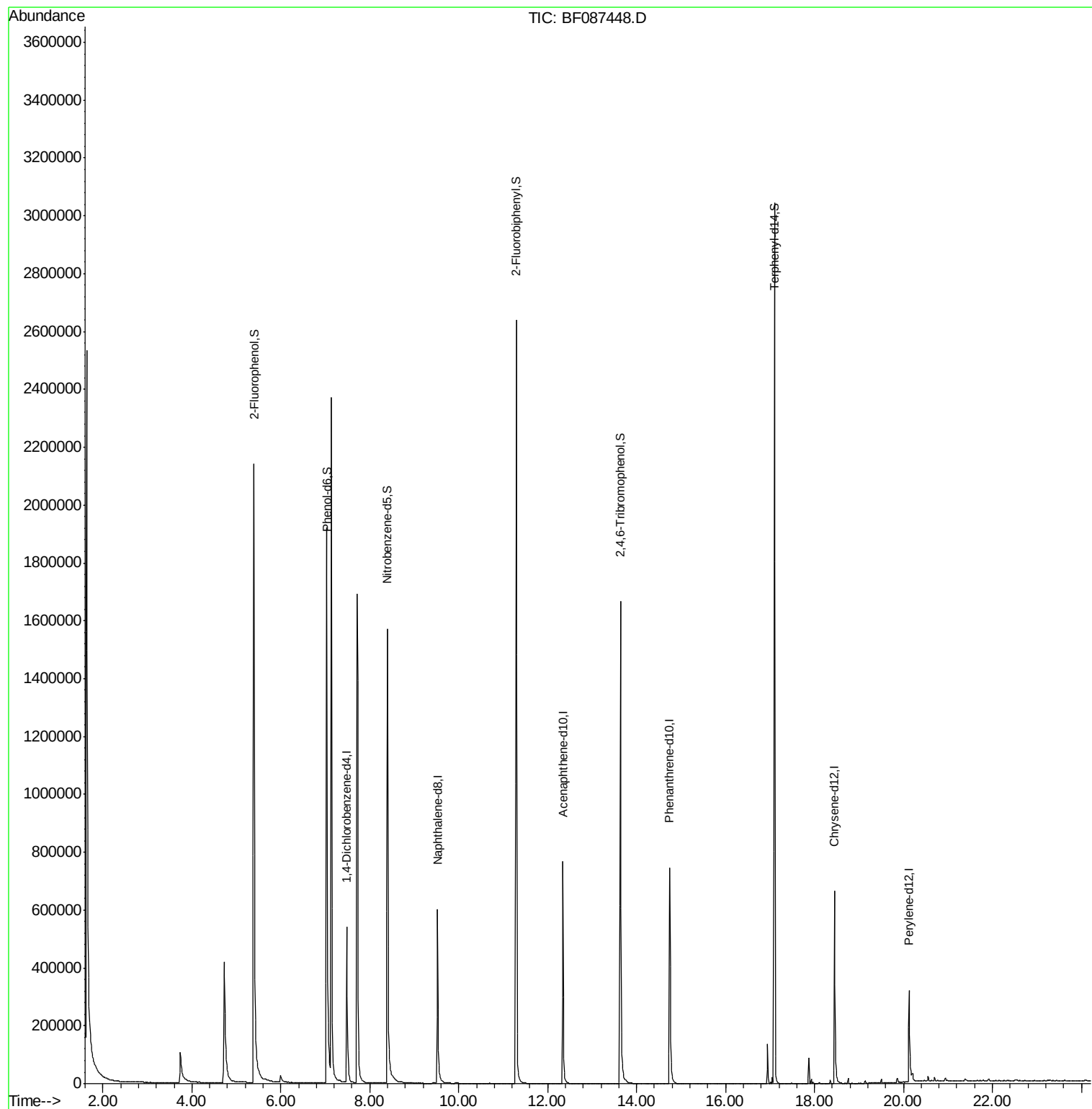
Target Compounds Qvalue

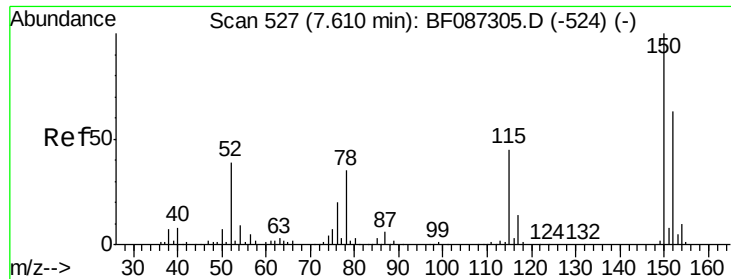
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087448.D
Acq On : 27 May 2016 17:57
Operator : UM/SJ
Sample : PB90910BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90910BL

Quant Time: May 28 00:13:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration



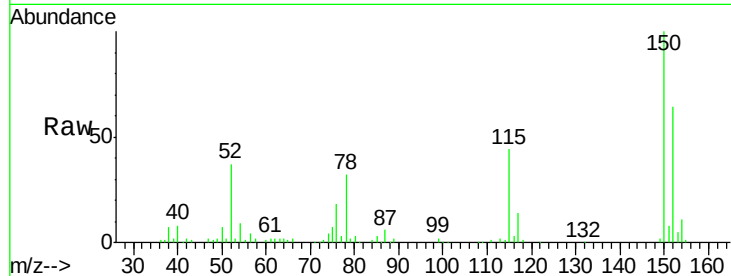


#1

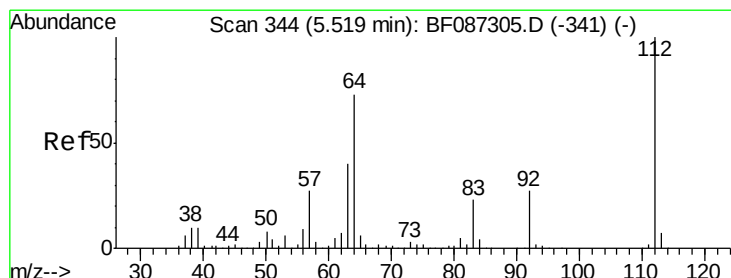
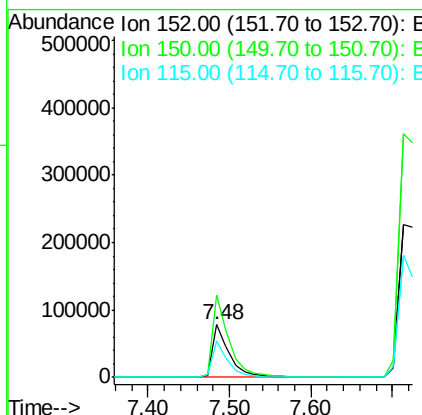
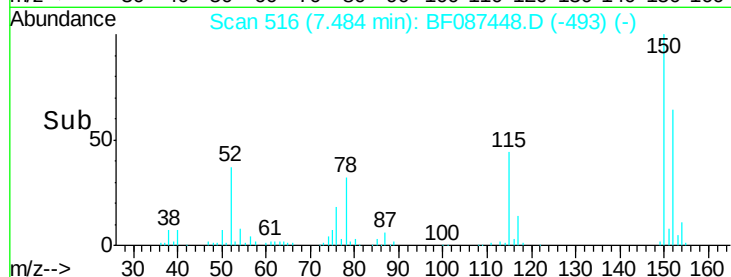
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF087448.D
Acq: 27 May 2016 17:57

Instrument :
BNA_F
ClientSampleId :
PB90910BL

Tot Ion:152 Resp: 112752
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 68.1 51.5 77.3



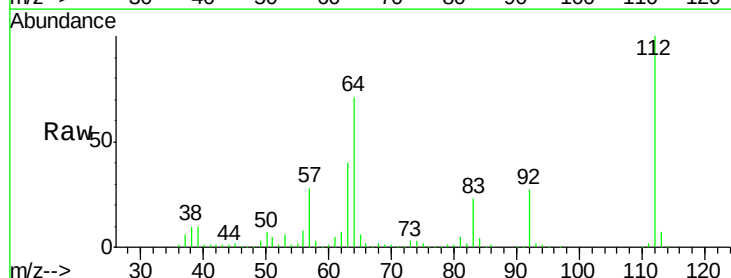
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



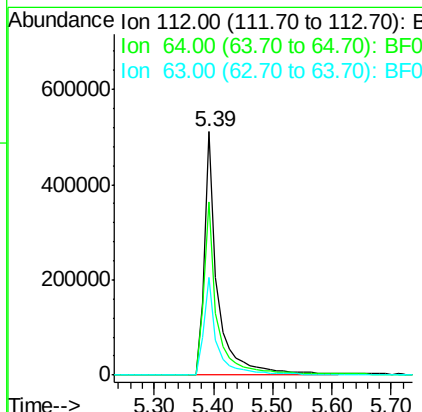
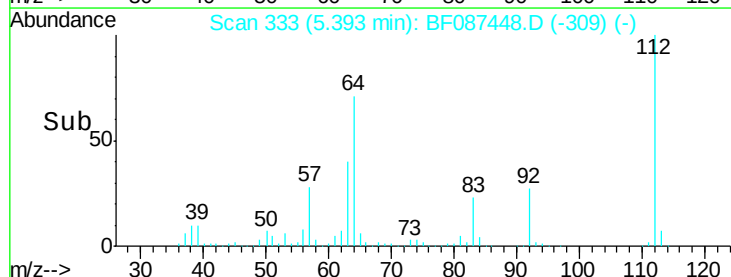
#5

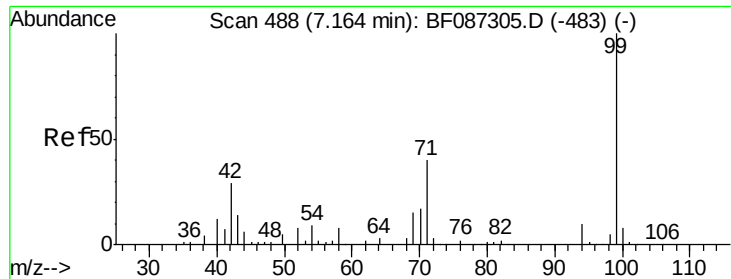
2-Fluorophenol
Concen: 127.72 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.02 min
Lab File: BF087448.D
Acq: 27 May 2016 17:57

Tgt Ion:112 Resp: 819572
Ion Ratio Lower Upper
112 100
64 71.0 52.1 78.1
63 40.2 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: 125.26 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

Instrument :

BNA_F

ClientSampleId :

PB90910BL

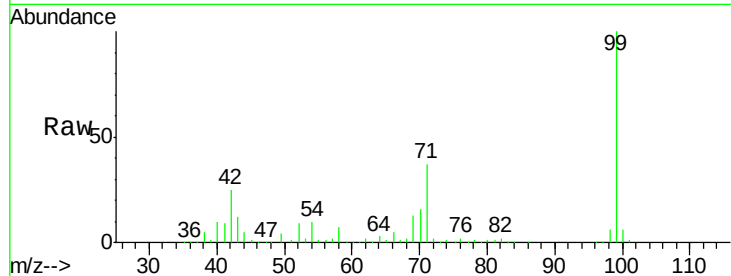
Tot Ion: 99 Resp: 1086066

Ion Ratio Lower Upper

99 100

42 24.8 13.6 20.4#

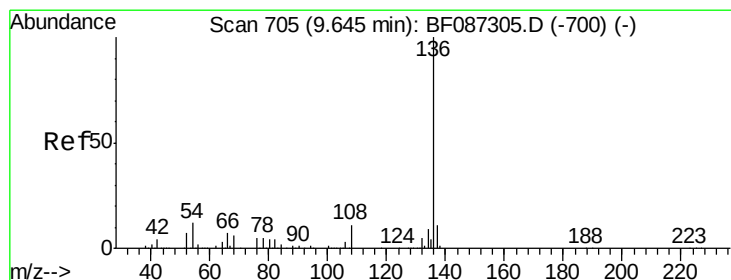
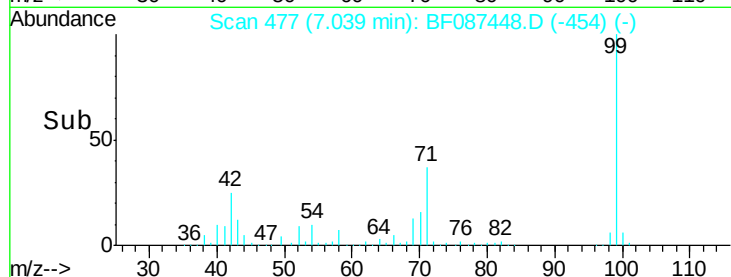
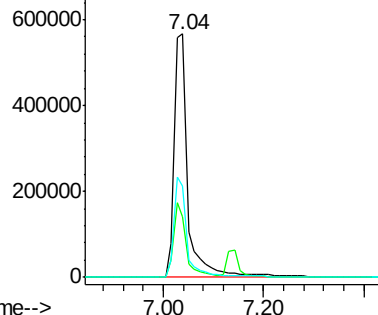
71 37.3 24.6 36.8#



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: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

Tgt Ion: 136 Resp: 449665

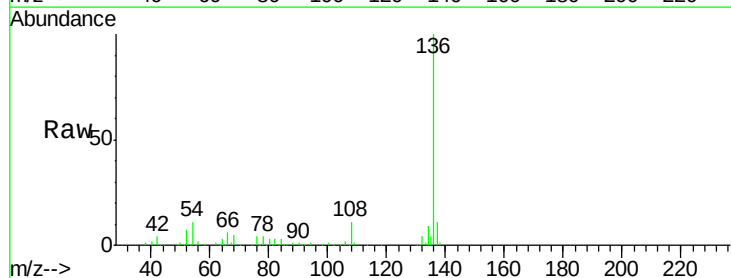
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.7 5.0 7.4#

68 5.3 4.4 6.6

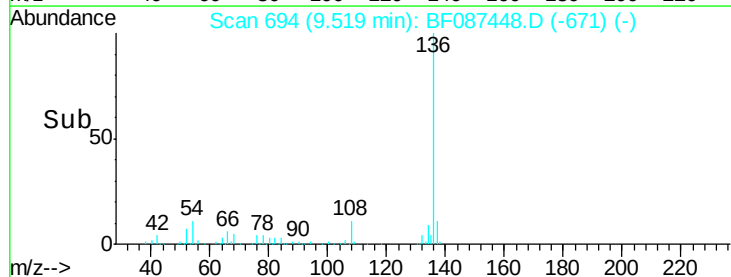
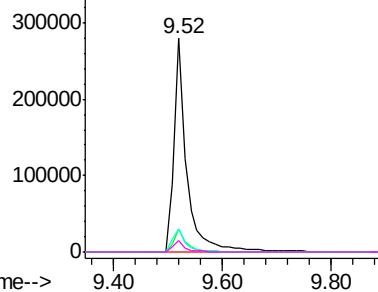


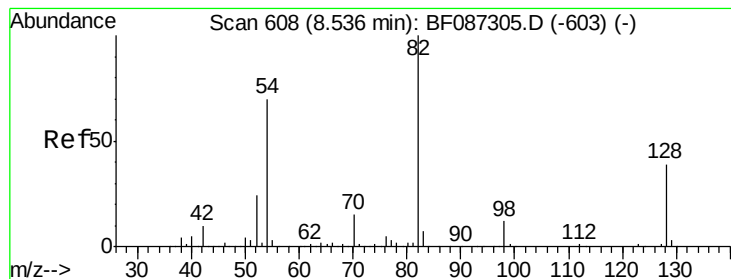
Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.76 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

Instrument :

BNA_F

ClientSampleId :

PB90910BL

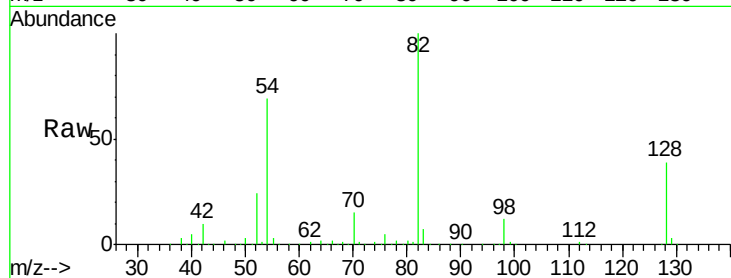
Tot Ion: 82 Resp: 720534

Ion Ratio Lower Upper

82 100

128 38.7 40.6 61.0#

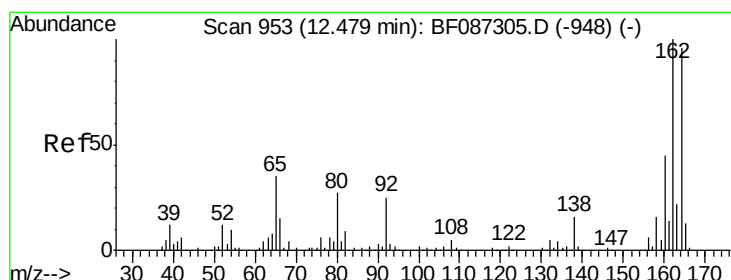
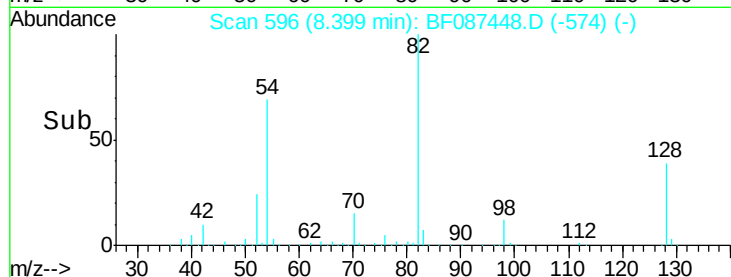
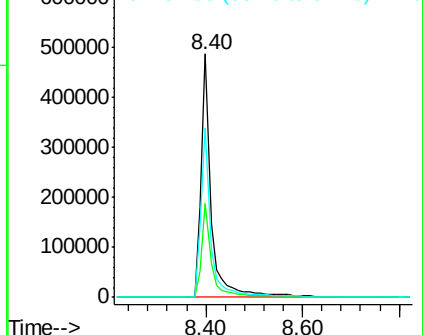
54 69.3 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

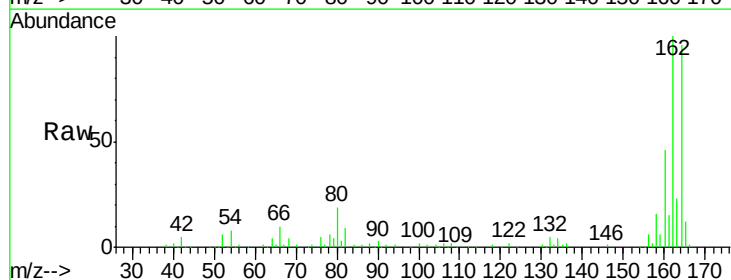
Tgt Ion:164 Resp: 218604

Ion Ratio Lower Upper

164 100

162 103.8 82.8 124.2

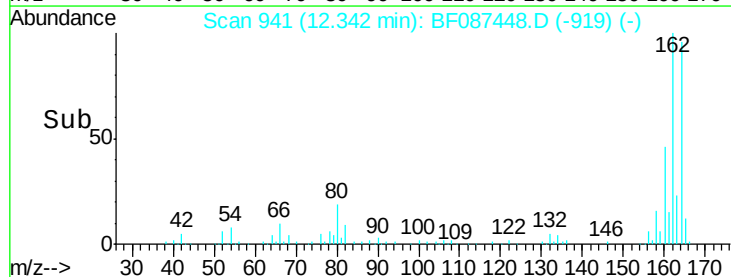
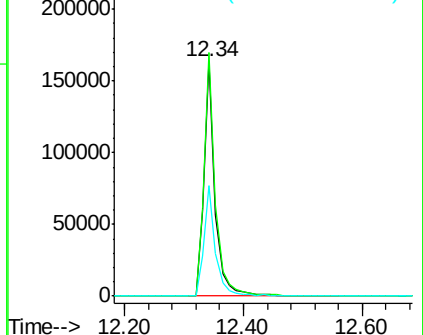
160 47.3 36.9 55.3

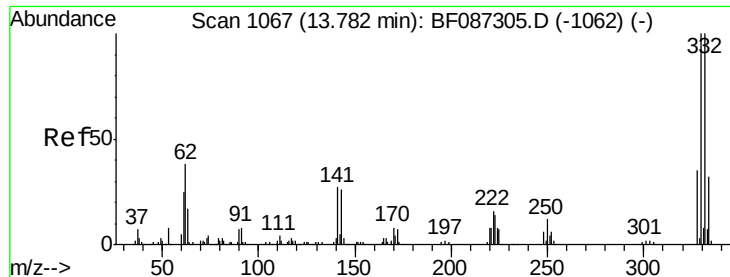


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 116.54 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.05 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

Instrument :

BNA_F

ClientSampleId :

PB90910BL

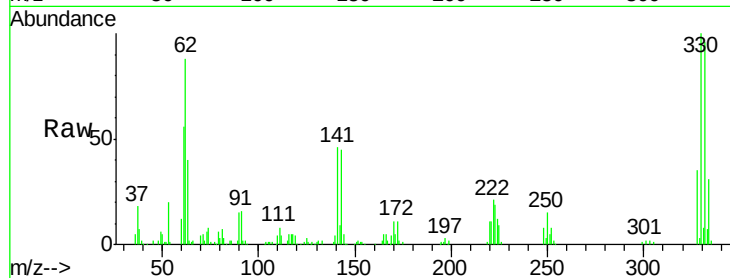
Tot Ion:330 Resp: 244820

Ion Ratio Lower Upper

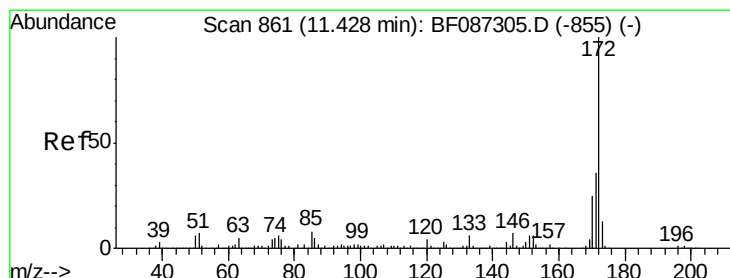
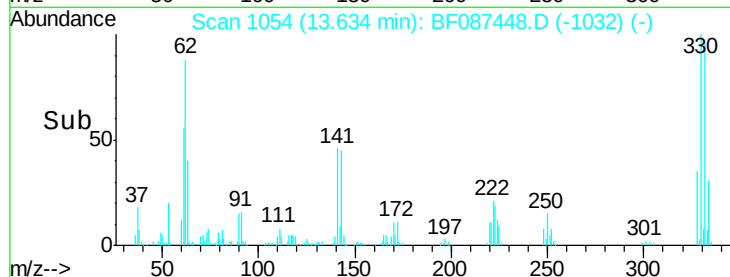
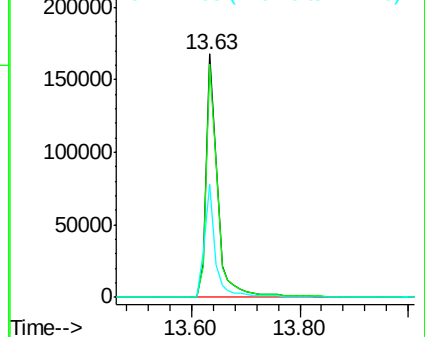
330 100

332 96.9 79.0 118.4

141 44.6 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: 79.35 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

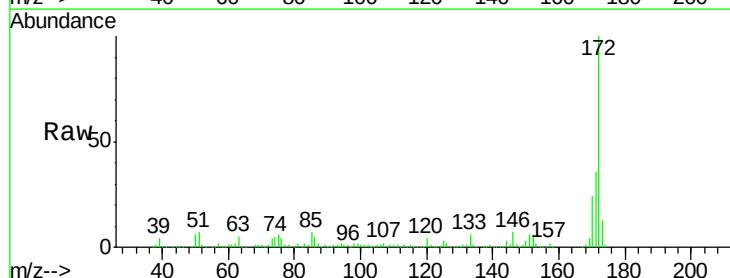
Tgt Ion:172 Resp: 1230438

Ion Ratio Lower Upper

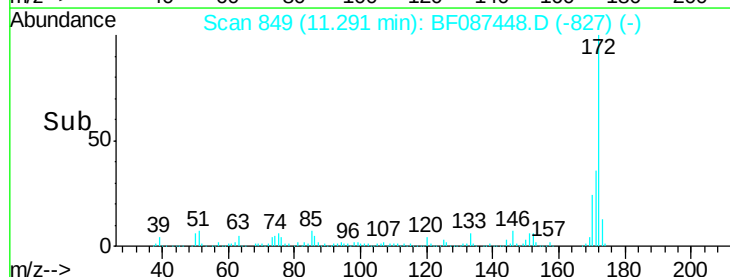
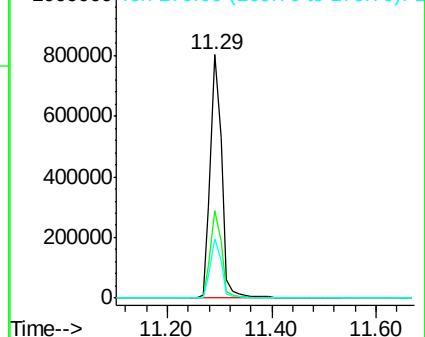
172 100

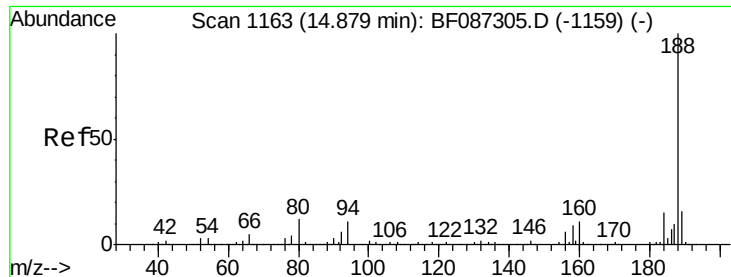
171 35.8 29.0 43.6

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

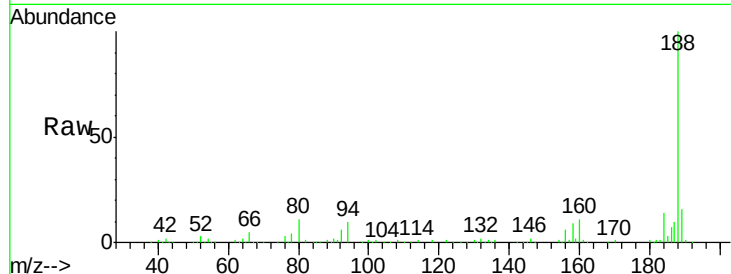




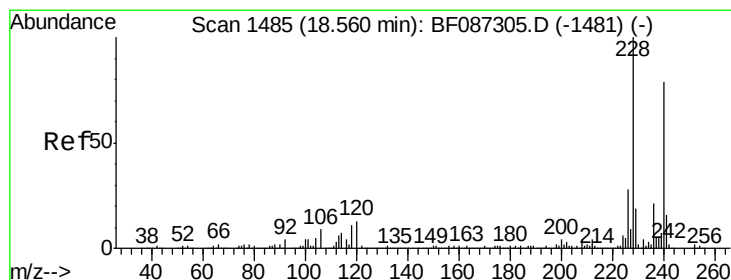
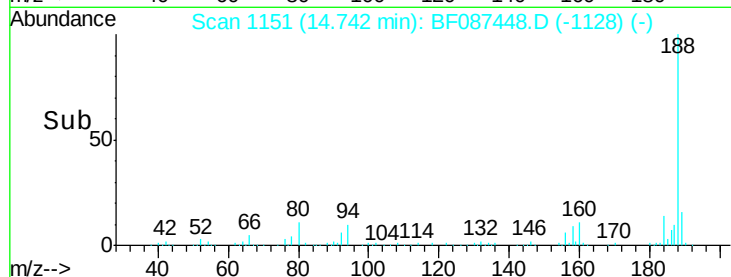
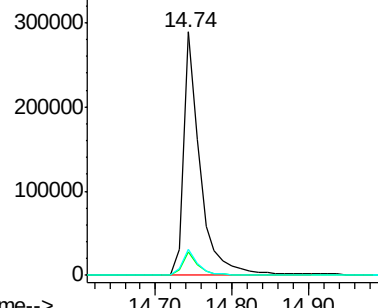
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087448.D
Acq: 27 May 2016 17:57

Instrument :
BNA_F
ClientSampleId :
PB90910BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.8	10.2
80	10.6	7.1	10.7

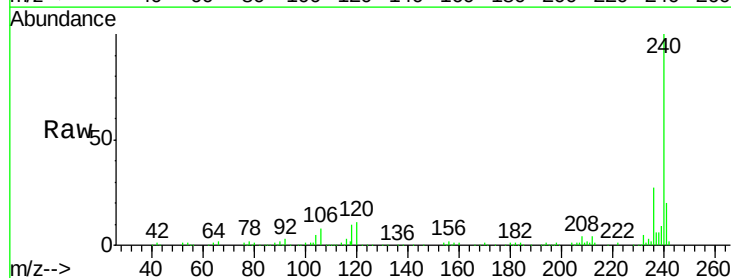


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

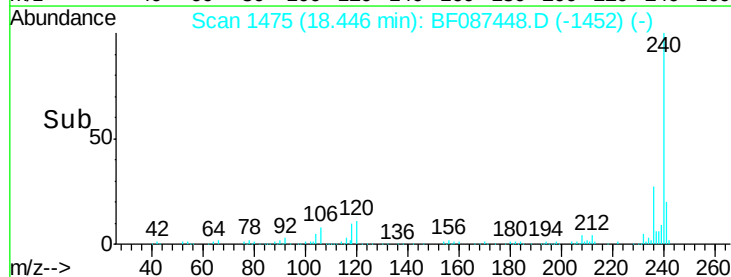
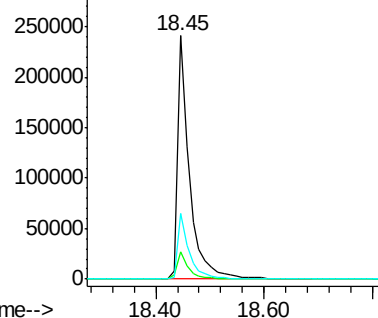


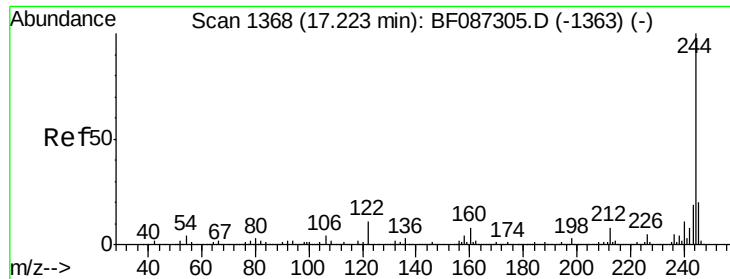
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.03 min
Lab File: BF087448.D
Acq: 27 May 2016 17:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	11.2	16.8#
236	26.8	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: 74.74 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

Instrument :

BNA_F

ClientSampleId :

PB90910BL

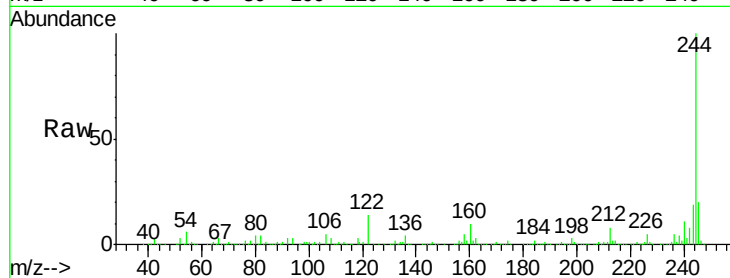
Tot Ion:244 Resp: 1264892

Ion Ratio Lower Upper

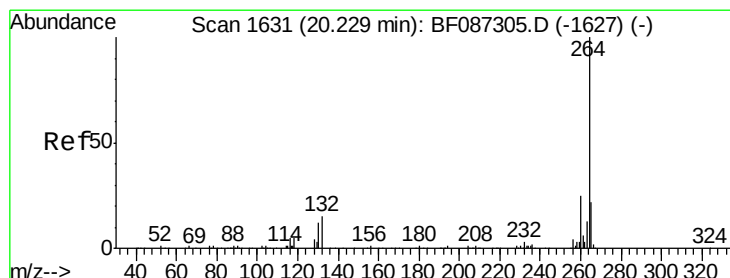
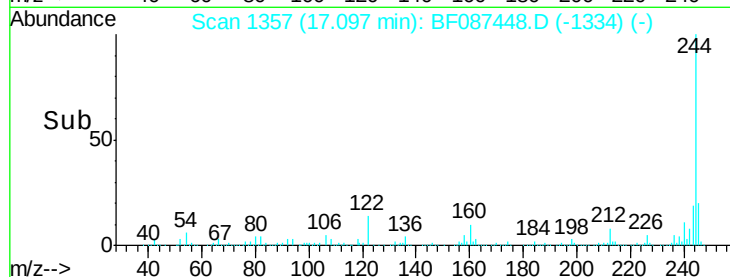
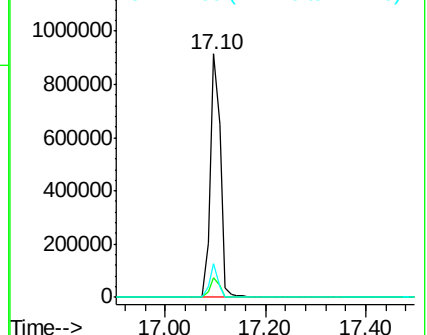
244 100

212 8.3 6.2 9.2

122 14.0 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: 20.13 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

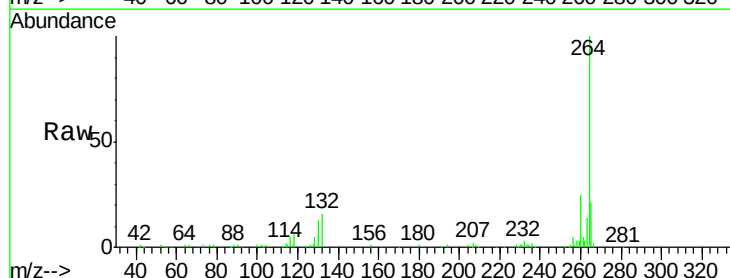
Tgt Ion:264 Resp: 232345

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.1 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

