

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087539.D
 Acq On : 30 May 2016 6:49
 Operator : UM/SJ
 Sample : H3268-13
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1275+50(0-4)

Quant Time: May 30 07:39:12 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

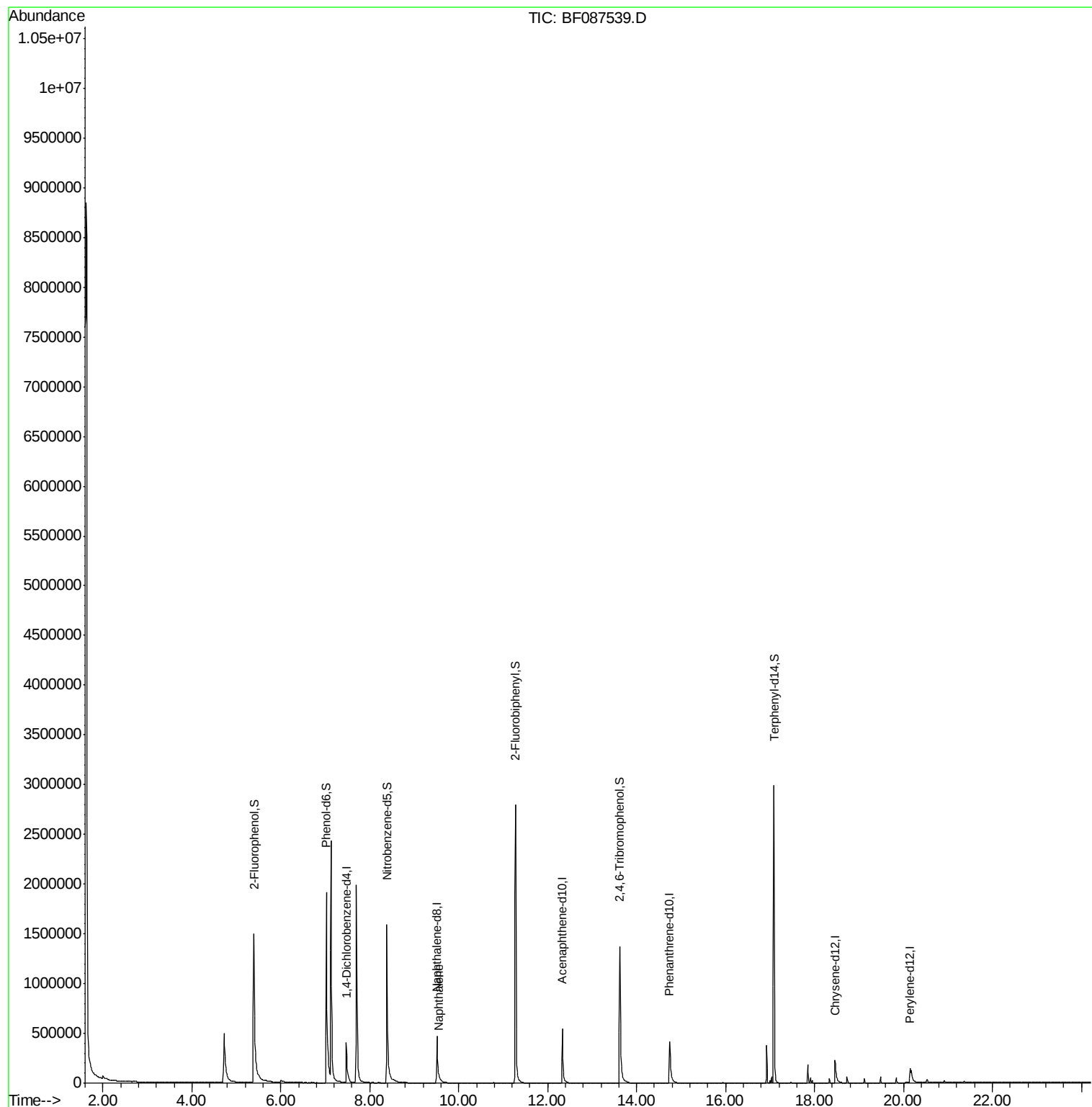
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	105699	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	399088	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	185263	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	337386	20.00	ng	0.00
75) Chrysene-d12	18.46	240	232052	20.00	ng	0.01
86) Perylene-d12	20.15	264	174104	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	763762	126.97	ng	0.02
7) Phenol-d6	7.03	99	969167	119.24	ng	-0.01
23) Nitrobenzene-d5	8.39	82	752987	95.09	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	236748	132.98	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1272994	96.87	ng	-0.01
78) Terphenyl-d14	17.09	244	1057017	96.84	ng	-0.01
Target Compounds						
31) Naphthalene	9.55	128	52461	2.62	ng	Qvalue 98

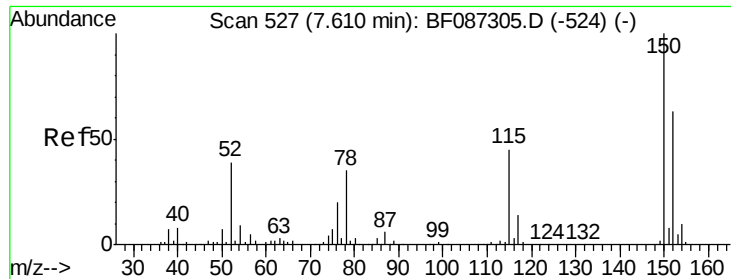
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087539.D

Acq: 30 May 2016 6:49

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

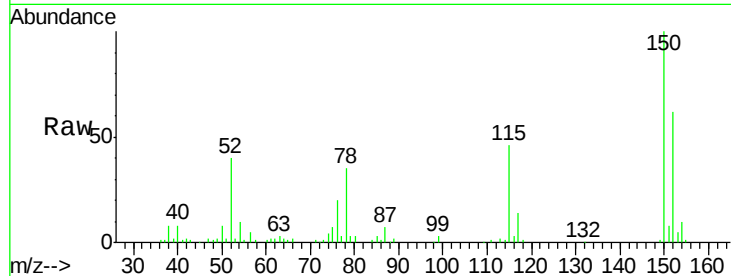
Tot Ion:152 Resp: 105699

Ion Ratio Lower Upper

152 100

150 160.0 125.8 188.6

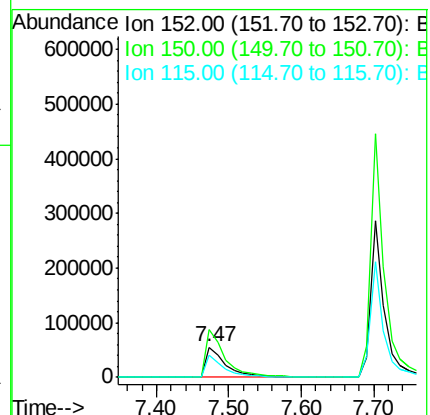
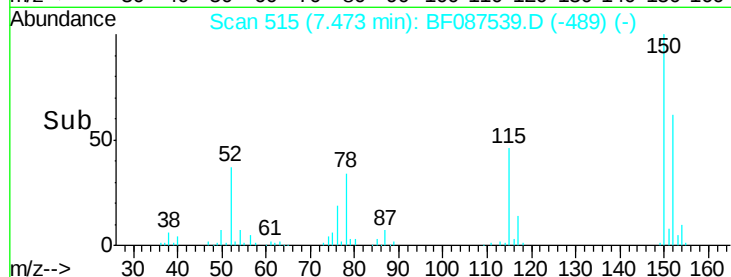
115 72.9 51.5 77.3



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: 126.97 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF087539.D

Acq: 30 May 2016 6:49

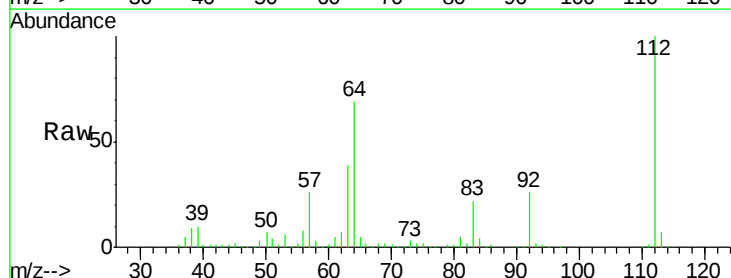
Tgt Ion:112 Resp: 763762

Ion Ratio Lower Upper

112 100

64 69.2 52.1 78.1

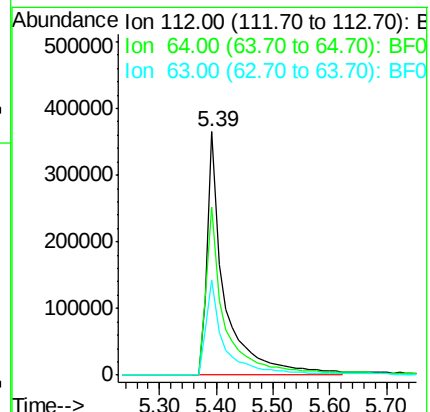
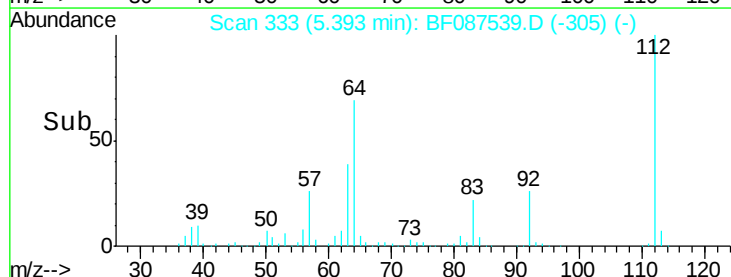
63 39.3 25.7 38.5



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: 119.24 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087539.D

Acq: 30 May 2016 6:49

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

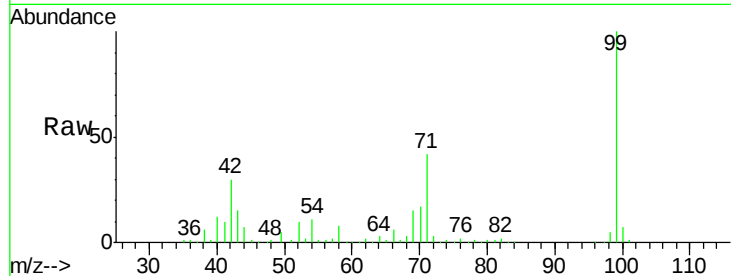
Tot Ion: 99 Resp: 969167

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

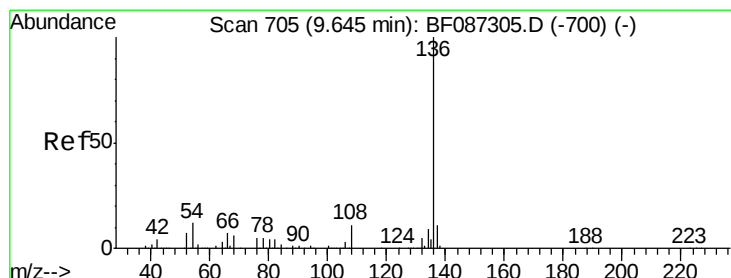
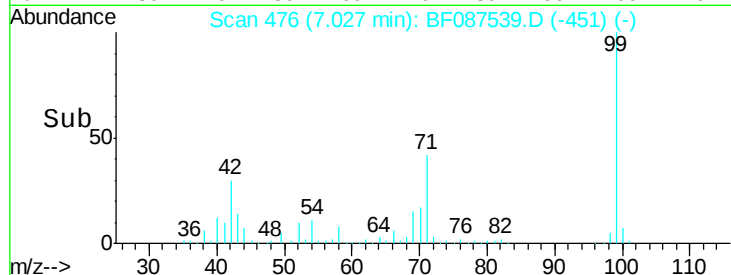
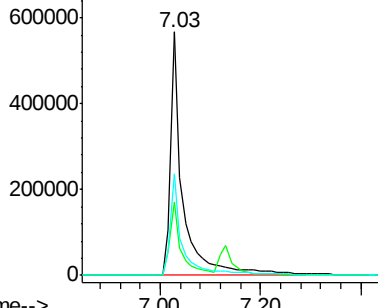
71 41.7 24.6 36.8#



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: BF087539.D

Acq: 30 May 2016 6:49

Tgt Ion: 136 Resp: 399088

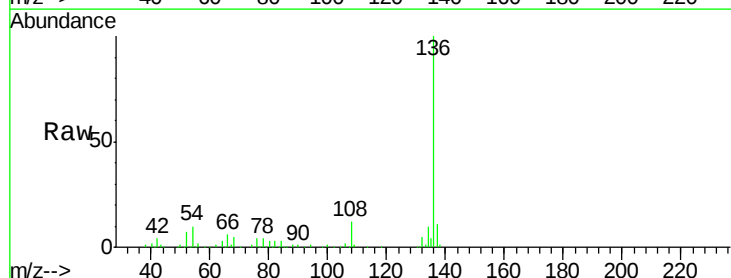
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.4 5.0 7.4#

68 4.9 4.4 6.6

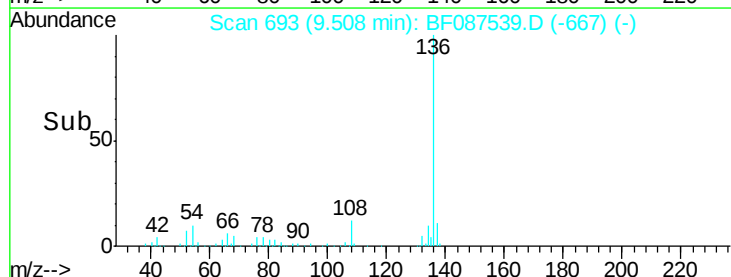
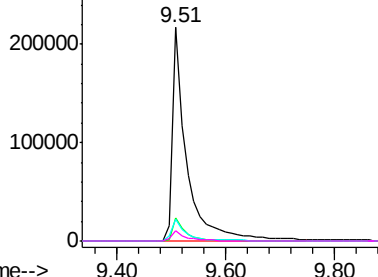


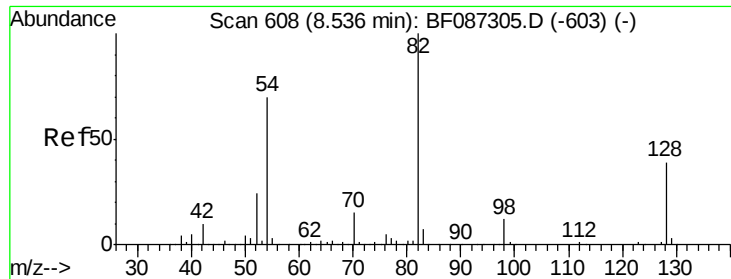
Abundance Ion 136.00 (135.70 to 136.70): E

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

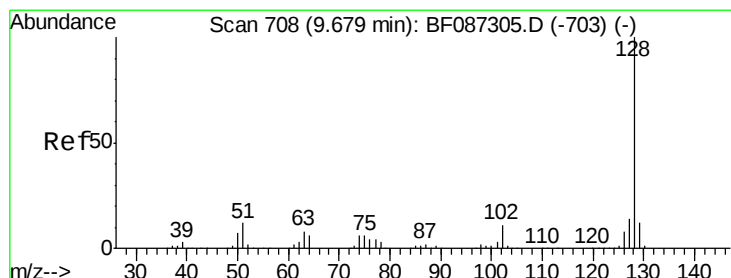
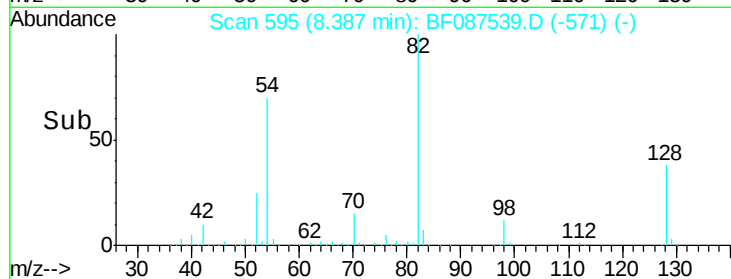
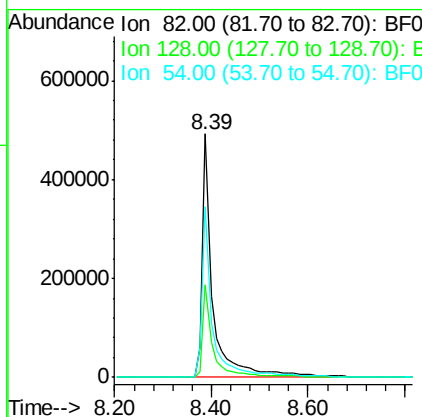
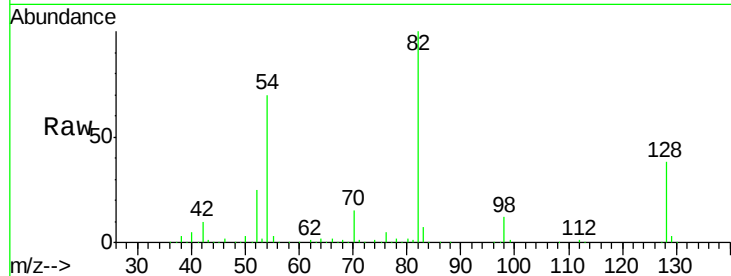




#23
Nitrobenzene-d5
Concen: 95.09 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF087539.D
Acq: 30 May 2016 6:49

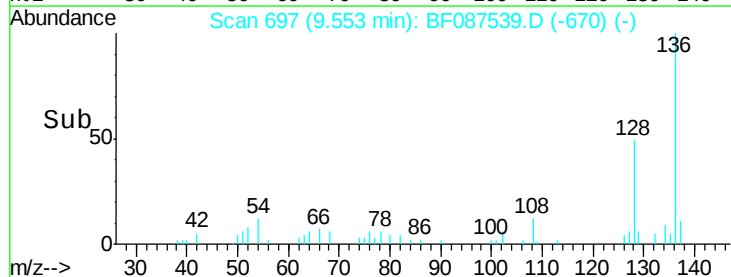
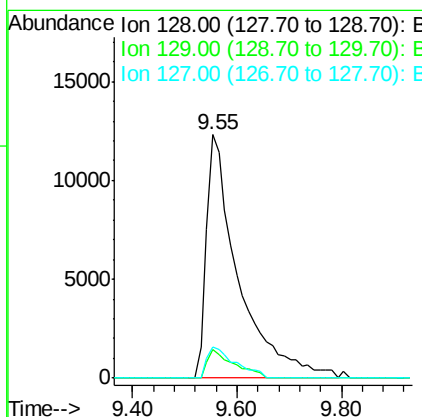
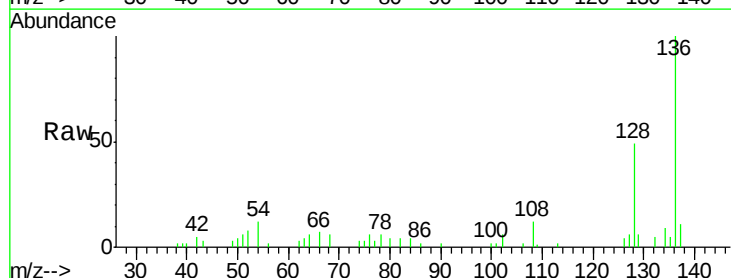
Instrument :
BNA_F
ClientSampleId :
STA-TA-1275+50(0-4)

Tot Ion: 82 Resp: 752987
Ion Ratio Lower Upper
82 100
128 37.9 40.6 61.0#
54 69.9 38.1 57.1#



#31
Naphthalene
Concen: 2.62 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF087539.D
Acq: 30 May 2016 6:49

Tgt Ion: 128 Resp: 52461
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 12.8 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: BF087539.D

Acq: 30 May 2016 6:49

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

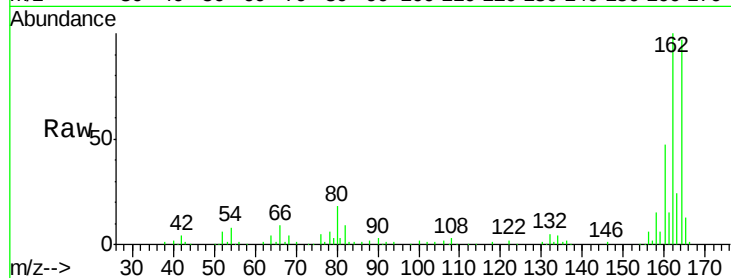
Tot Ion:164 Resp: 185263

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

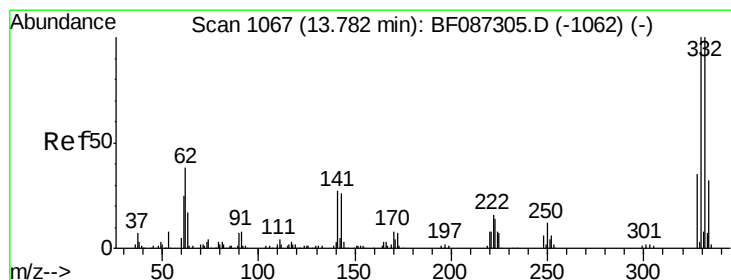
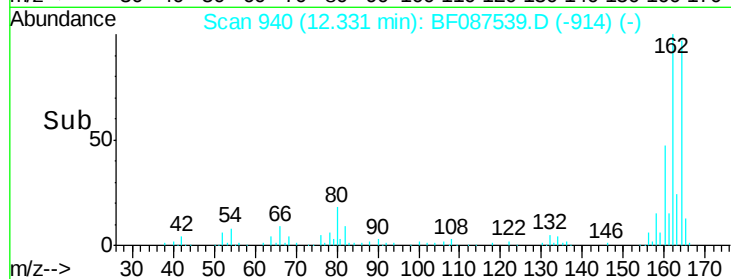
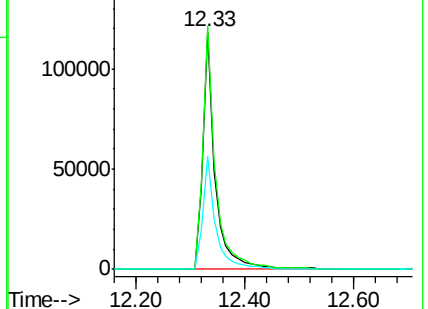
160 47.8 36.9 55.3



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: 132.98 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF087539.D

Acq: 30 May 2016 6:49

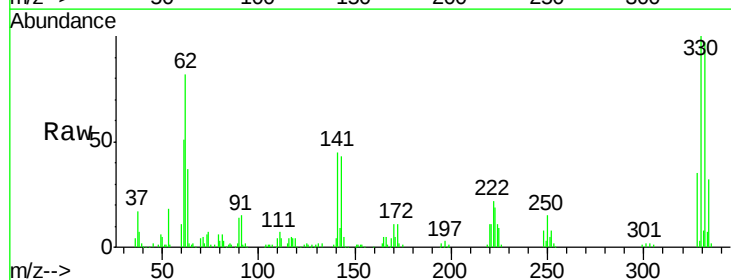
Tgt Ion:330 Resp: 236748

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

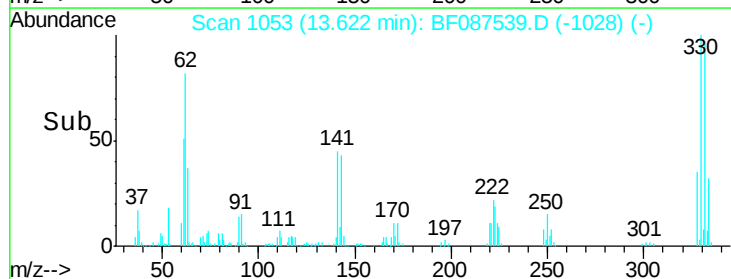
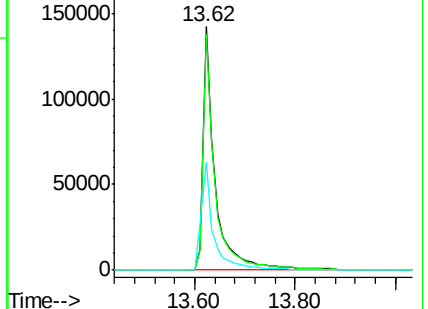
141 46.3 31.2 46.8

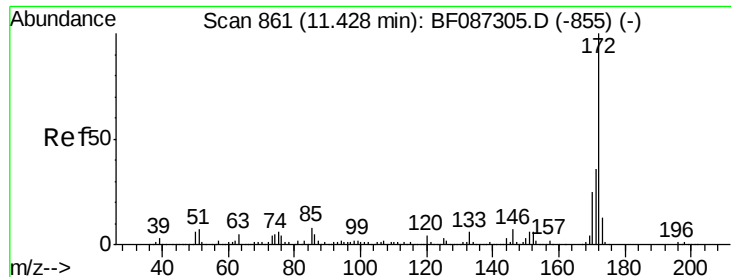


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 96.87 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087539.D

Acq: 30 May 2016 6:49

Instrument :

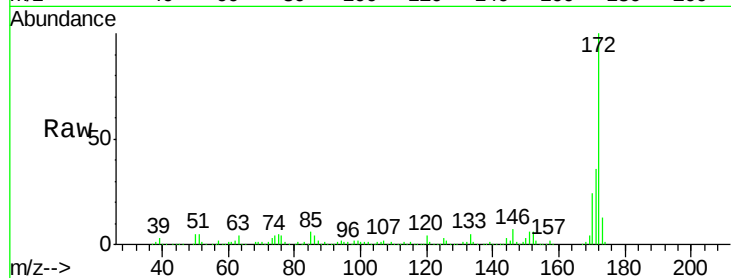
BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

Tot Ion:172 Resp: 1272994

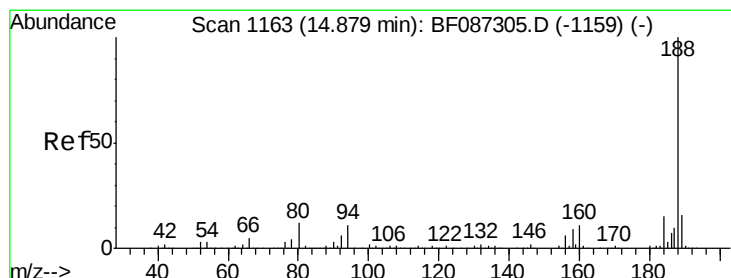
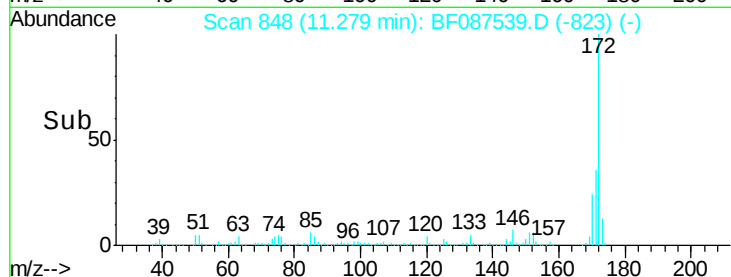
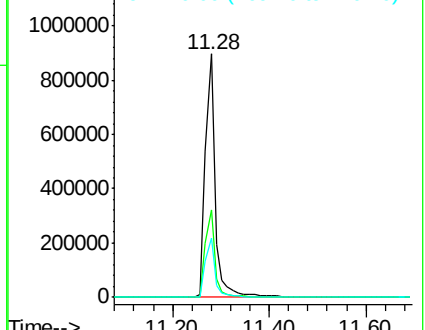
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.2	19.8	29.8



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

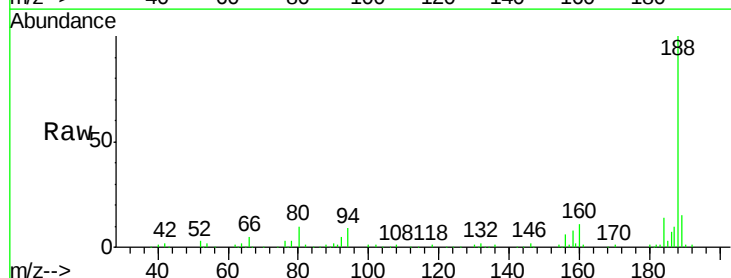
Delta R.T. -0.00 min

Lab File: BF087539.D

Acq: 30 May 2016 6:49

Tgt Ion:188 Resp: 337386

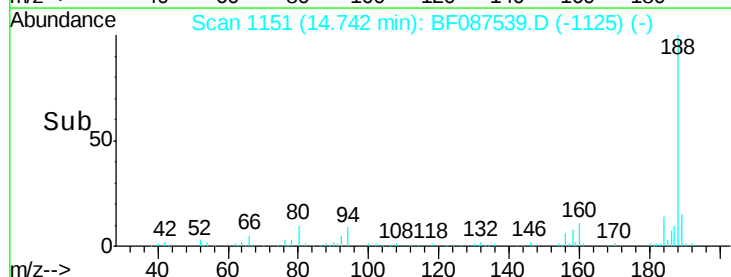
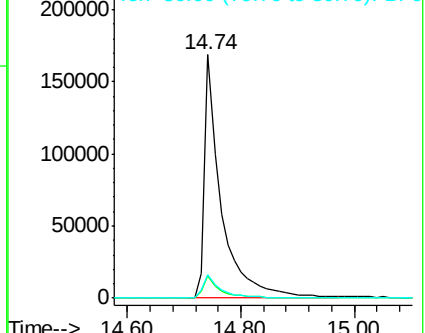
Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.8	10.2
80	9.6	7.1	10.7



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: BF087539.D

Acq: 30 May 2016 6:49

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

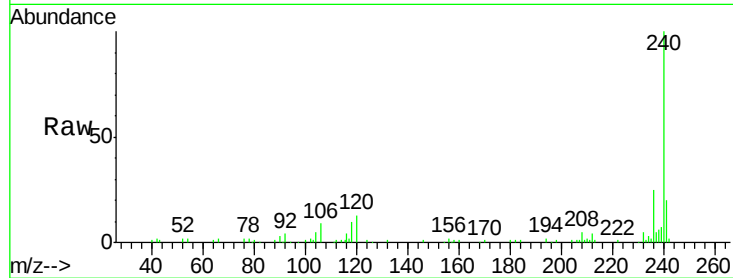
Tot Ion:240 Resp: 232052

Ion Ratio Lower Upper

240 100

120 12.7 11.2 16.8

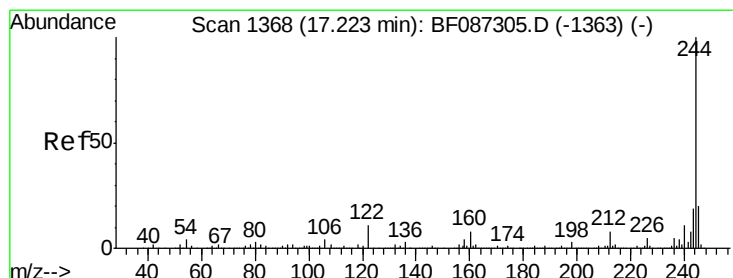
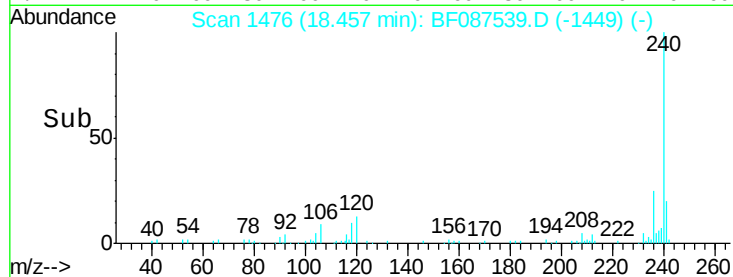
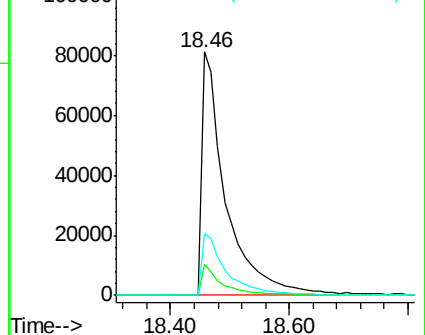
236 25.3 21.2 31.8



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: 96.84 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087539.D

Acq: 30 May 2016 6:49

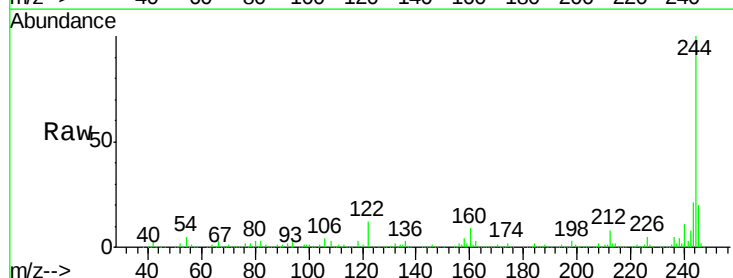
Tgt Ion:244 Resp: 1057017

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

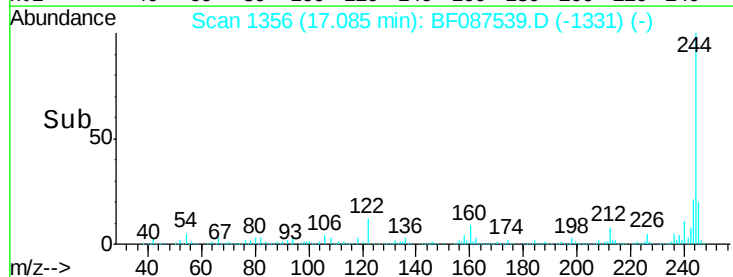
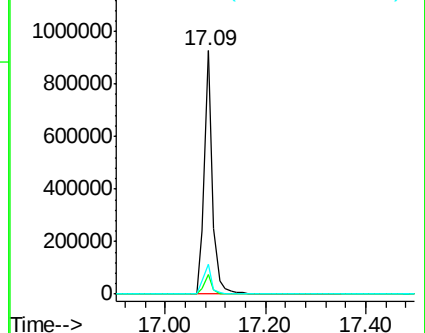
122 12.3 12.0 18.0

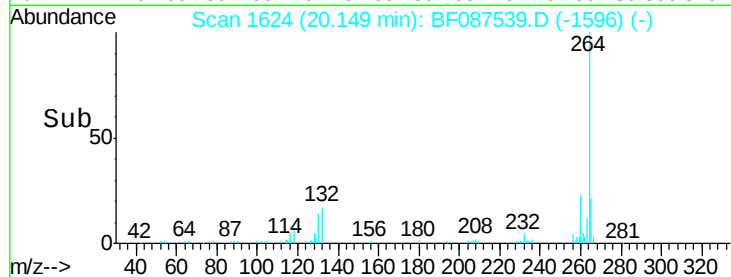
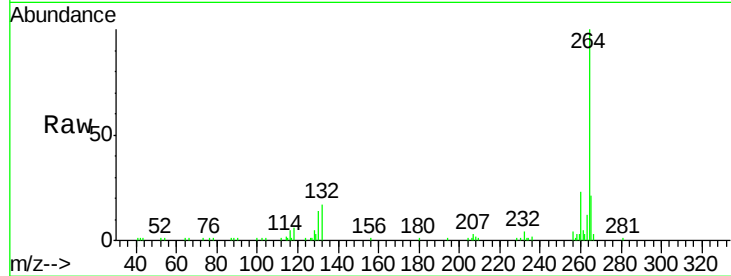
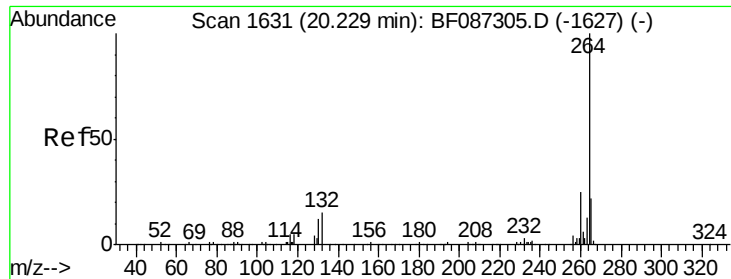


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.15 min Scan# 1624
Delta R.T. 0.02 min
Lab File: BF087539.D
Acq: 30 May 2016 6:49

Instrument :
BNA_F
ClientSampleId :
STA-TA-1275+50(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.5	17.3	25.9

