

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087322.D
 Acq On : 24 May 2016 3:56
 Operator : UM/SJ
 Sample : H3187-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GTMW-2

Quant Time: May 24 05:57:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

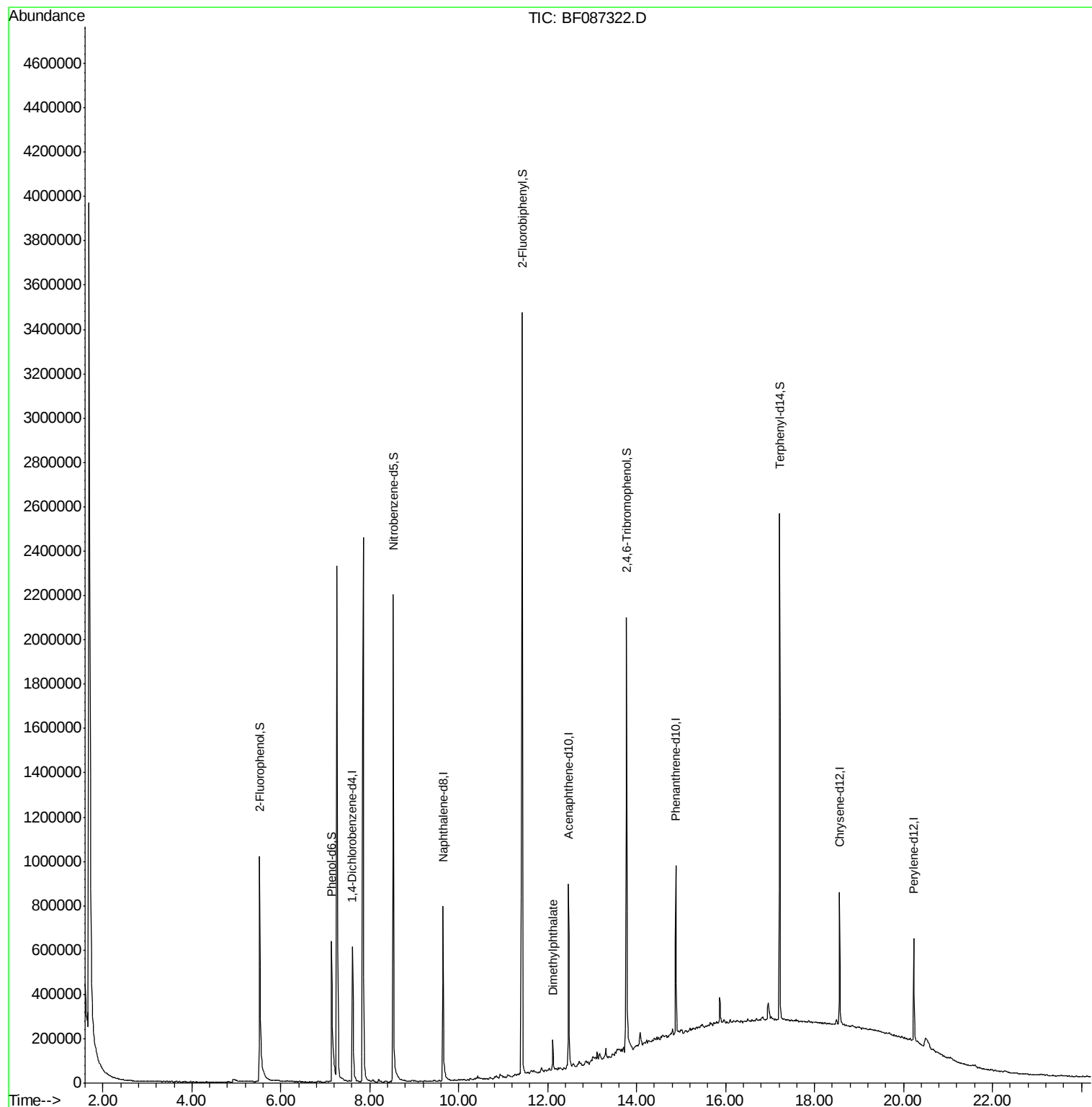
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	129859	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	518668	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	232414	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	398910	20.00	ng	0.00
75) Chrysene-d12	18.56	240	259401	20.00	ng	0.00
86) Perylene-d12	20.23	264	212306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	474775	64.24	ng	0.00
7) Phenol-d6	7.14	99	406321	40.69	ng	-0.02
23) Nitrobenzene-d5	8.52	82	928706	90.24	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	304589	136.38	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1595683	96.79	ng	0.00
78) Terphenyl-d14	17.21	244	947616	77.66	ng	-0.01
Target Compounds						
49) Dimethylphthalate	12.11	163	67362	3.62	ng	Qvalue 98

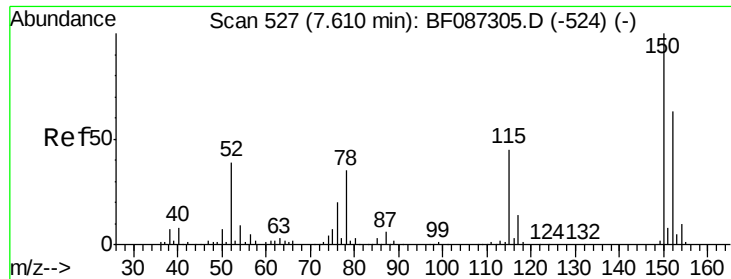
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-2

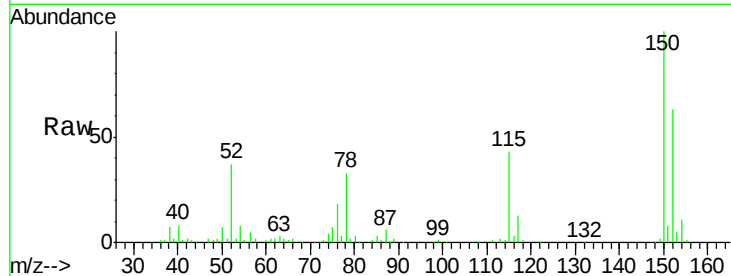
Tgt Ion:152 Resp: 129859

Ion Ratio Lower Upper

152 100

150 158.7 125.8 188.6

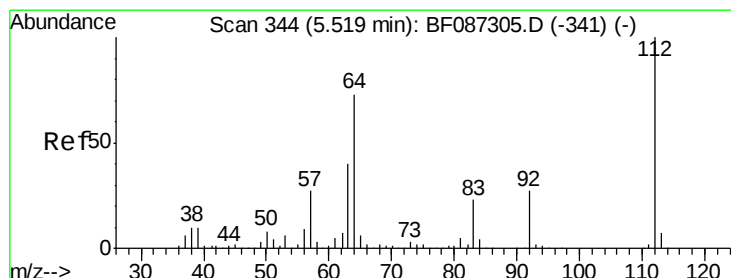
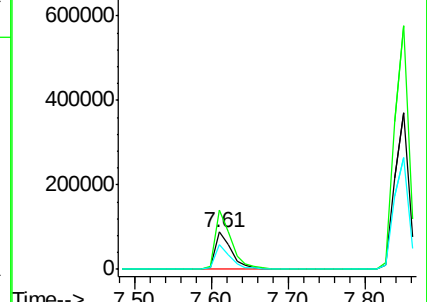
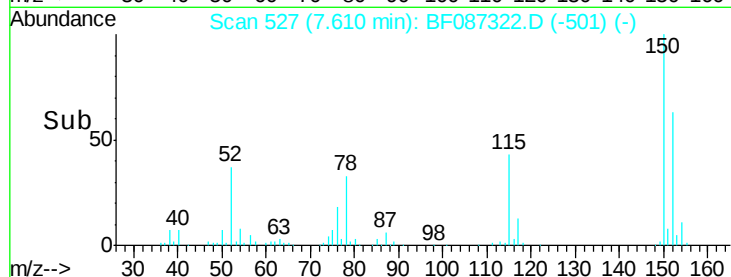
115 68.0 51.5 77.3



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: 64.24 ng

RT: 5.52 min Scan# 344

Delta R.T. 0.00 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

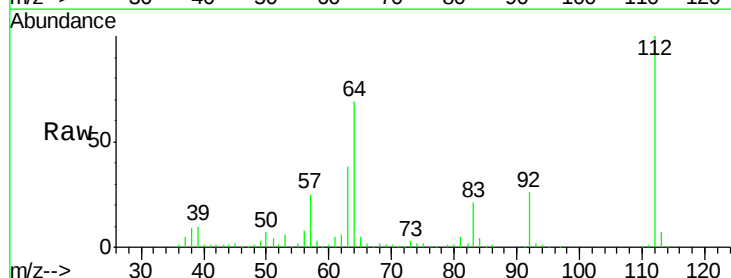
Tgt Ion:112 Resp: 474775

Ion Ratio Lower Upper

112 100

64 69.3 52.1 78.1

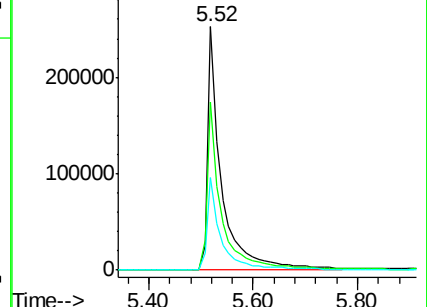
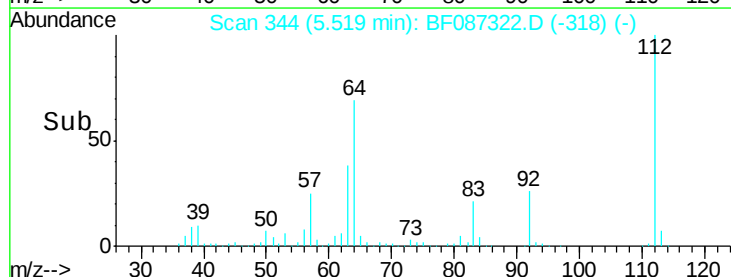
63 37.8 25.7 38.5

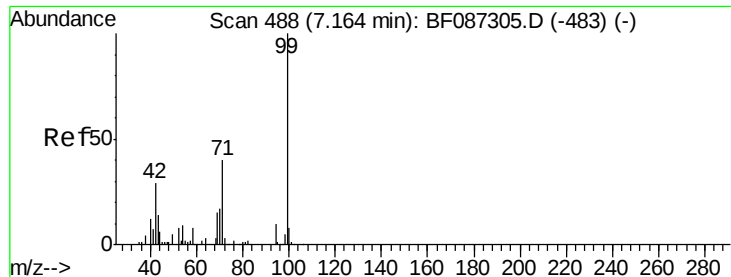


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.69 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.02 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-2

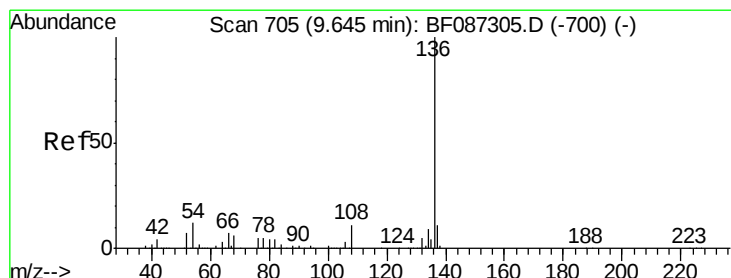
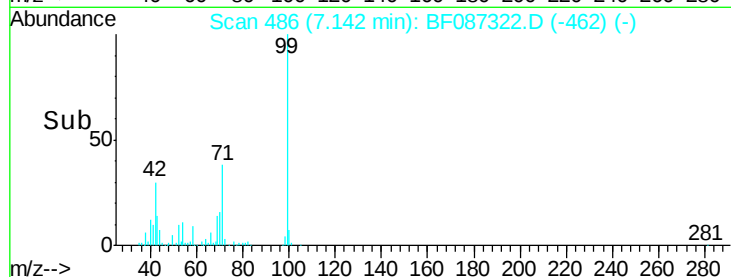
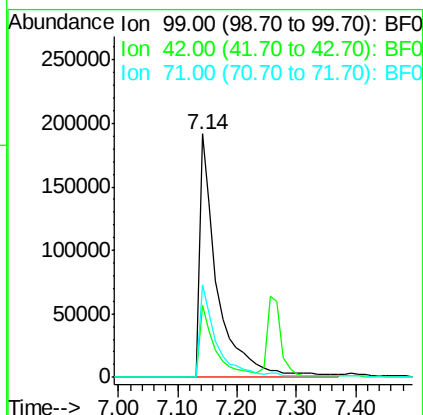
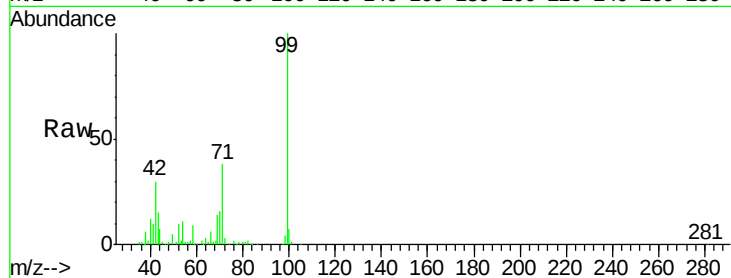
Tgt Ion: 99 Resp: 406321

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

71 38.2 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

Tgt Ion: 136 Resp: 518668

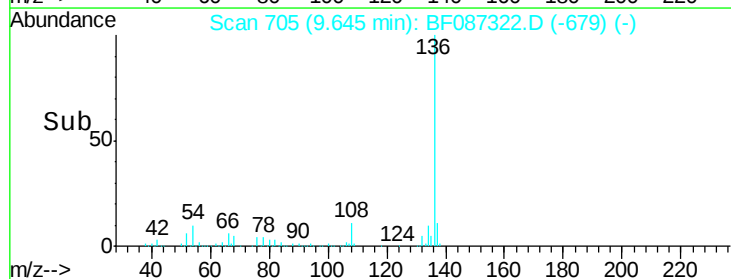
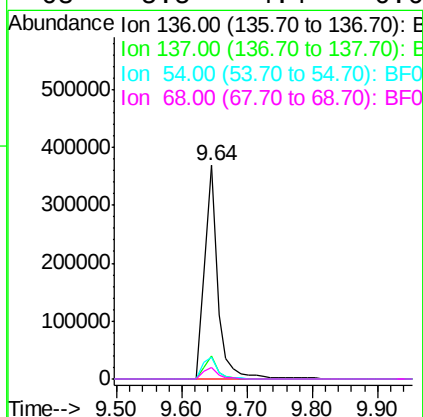
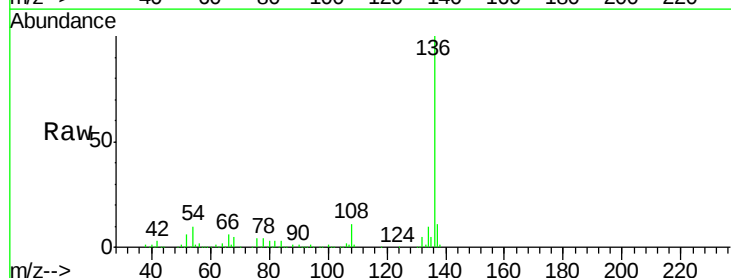
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.4 5.0 7.4#

68 5.5 4.4 6.6

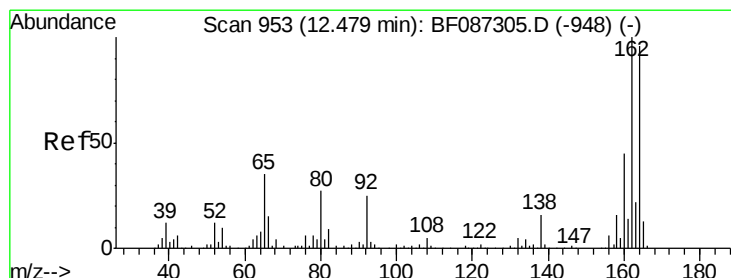
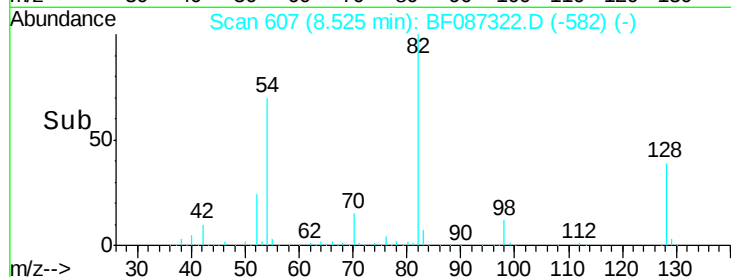
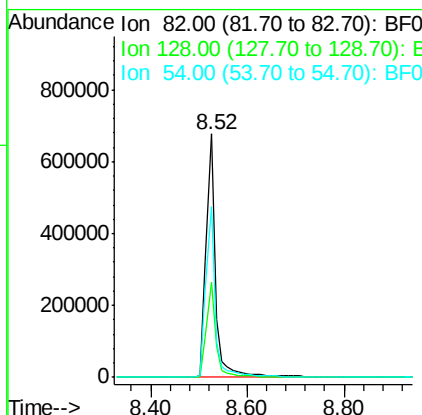
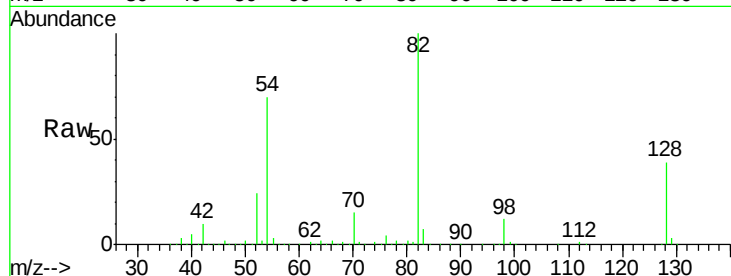




#23
 Nitrobenzene-d5
 Concen: 90.24 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087322.D
 Acq: 24 May 2016 3:56

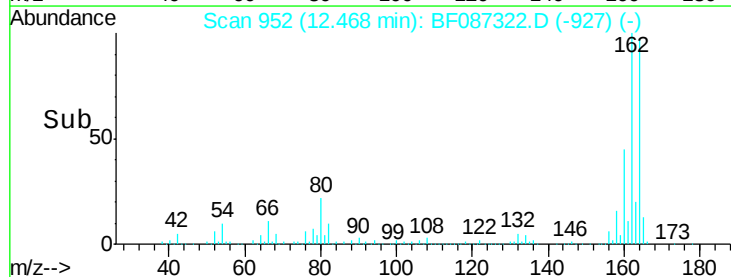
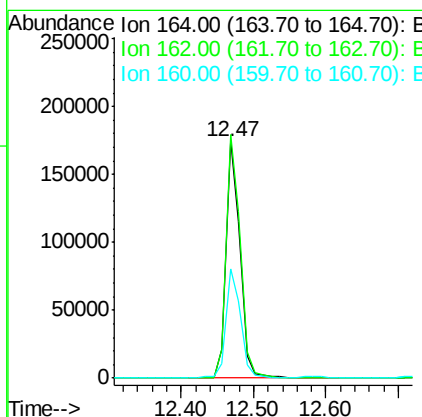
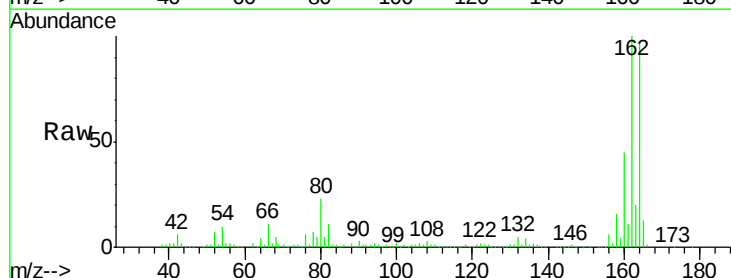
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GTMW-2

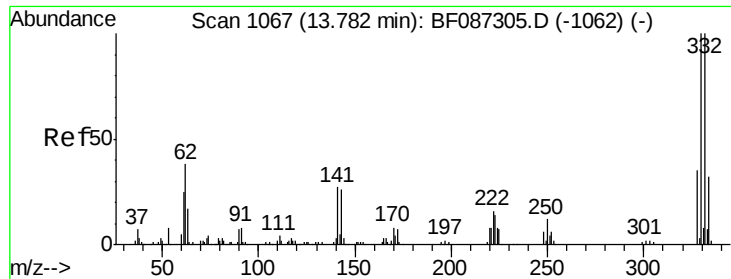
Tgt Ion: 82 Resp: 928706
 Ion Ratio Lower Upper
 82 100
 128 39.2 40.6 61.0#
 54 70.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087322.D
 Acq: 24 May 2016 3:56

Tgt Ion: 164 Resp: 232414
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.8 124.2
 160 46.4 36.9 55.3

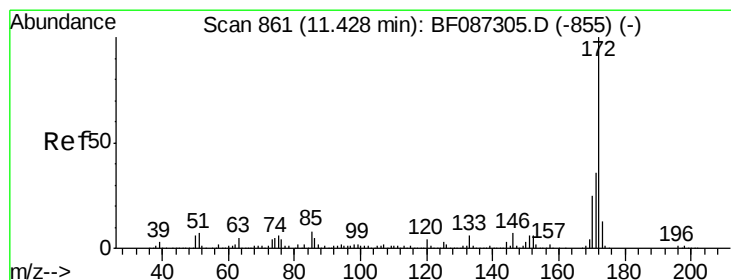
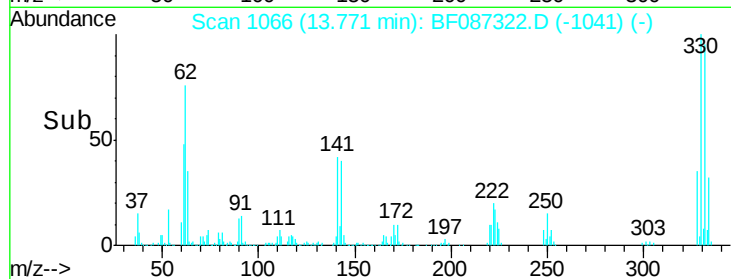
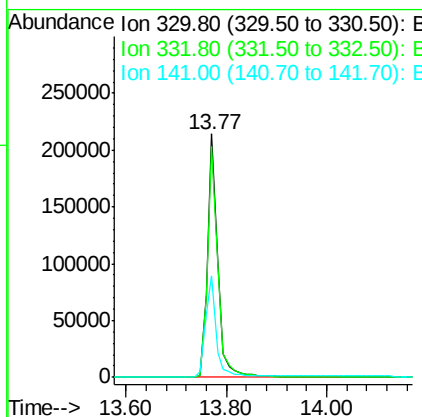
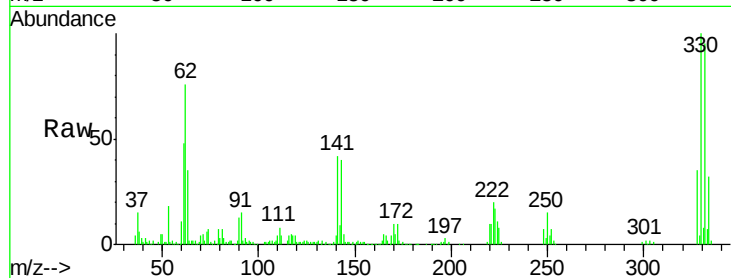




#41
 2,4,6-Tribromophenol
 Concen: 136.38 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087322.D
 Acq: 24 May 2016 3:56

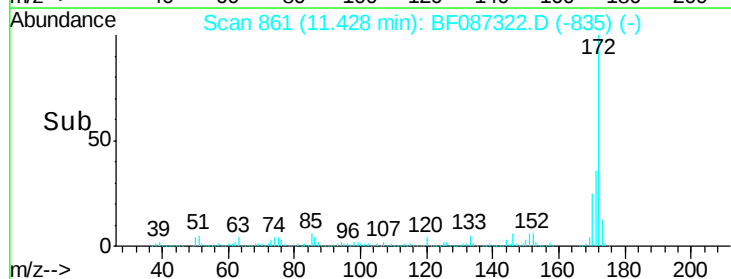
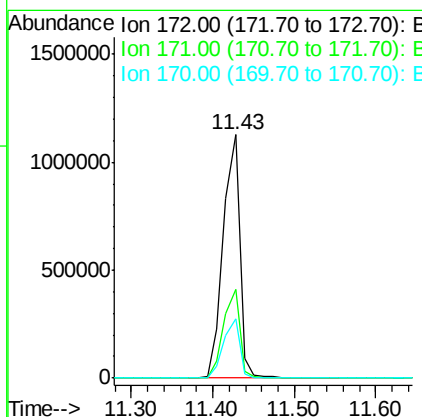
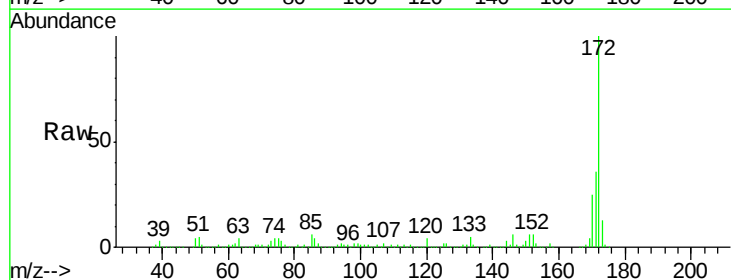
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GTMW-2

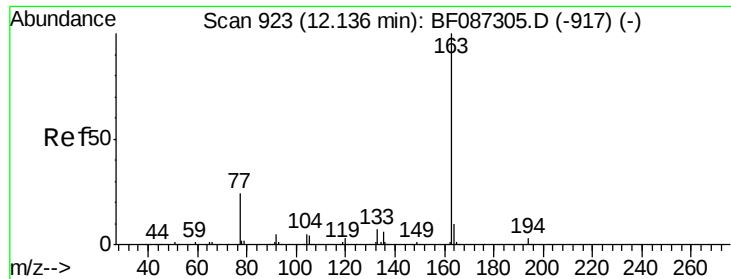
Tgt Ion:330 Resp: 304589
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 43.2 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 96.79 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087322.D
 Acq: 24 May 2016 3:56

Tgt Ion:172 Resp: 1595683
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.6 19.8 29.8

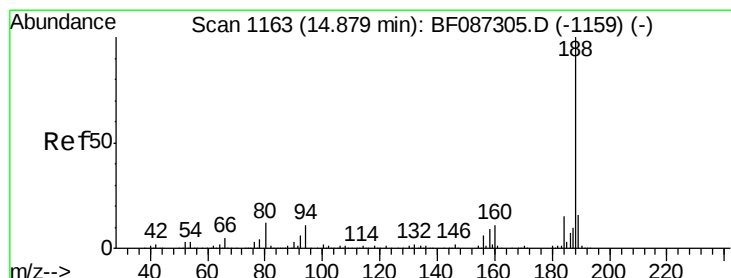
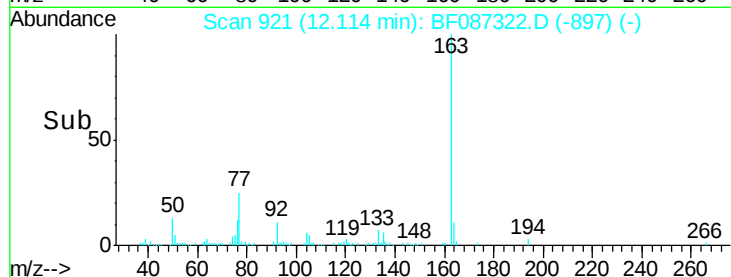
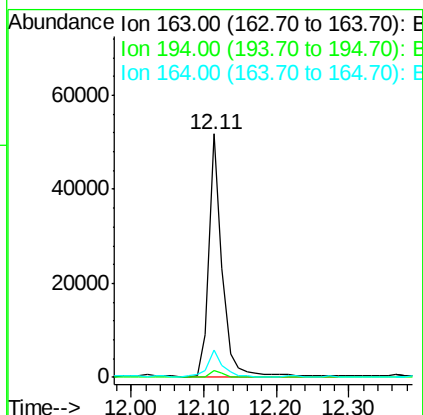
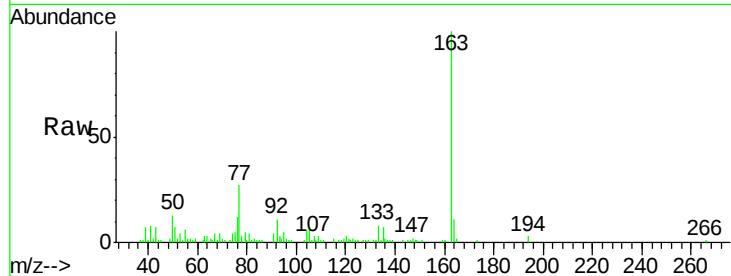




#49
Dimethylphthalate
Concen: 3.62 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF087322.D
Acq: 24 May 2016 3:56

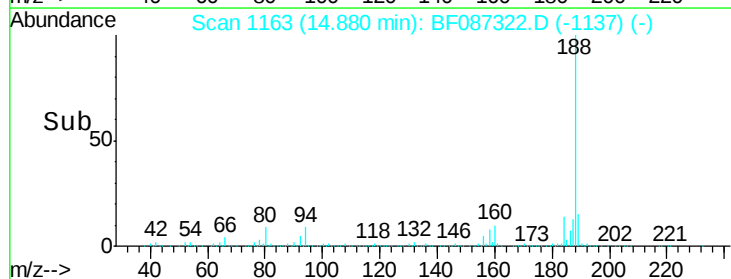
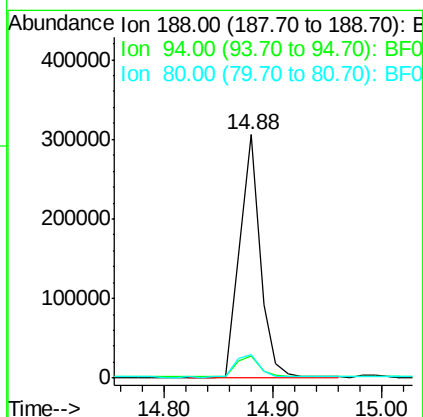
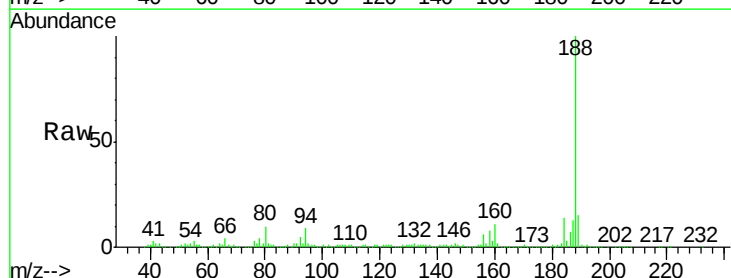
Instrument :
BNA_F
ClientSampleId :
RAV-GTMW-2

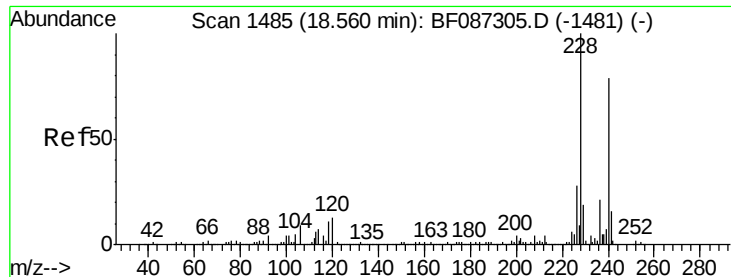
Tgt Ion:163 Resp: 67362
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 11.3 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087322.D
Acq: 24 May 2016 3:56

Tgt Ion:188 Resp: 398910
Ion Ratio Lower Upper
188 100
94 9.1 6.8 10.2
80 9.7 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-2

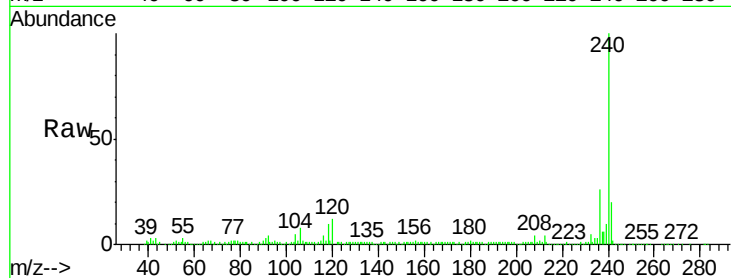
Tgt Ion:240 Resp: 259401

Ion Ratio Lower Upper

240 100

120 11.7 11.2 16.8

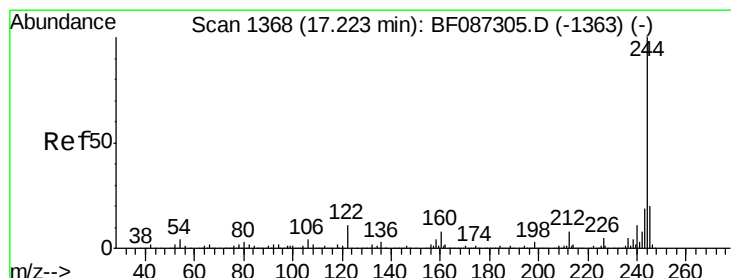
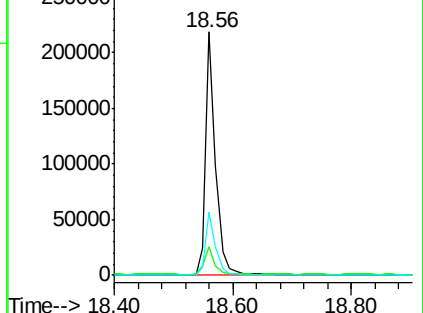
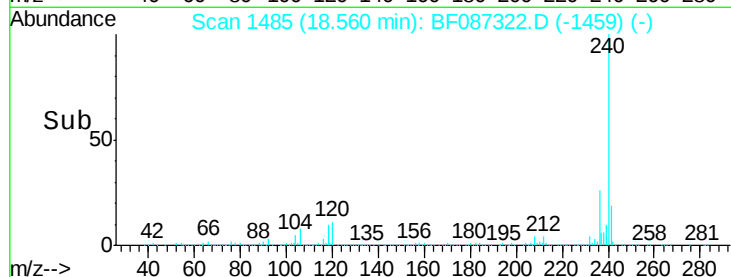
236 26.2 21.2 31.8



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: 77.66 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

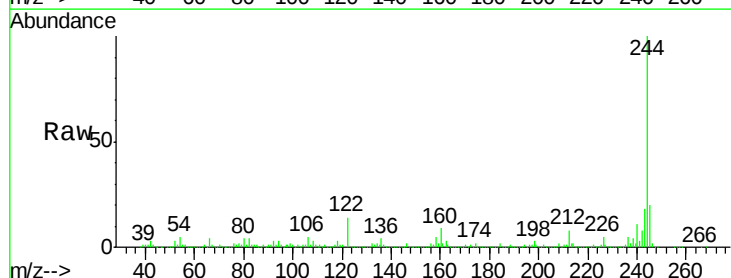
Tgt Ion:244 Resp: 947616

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

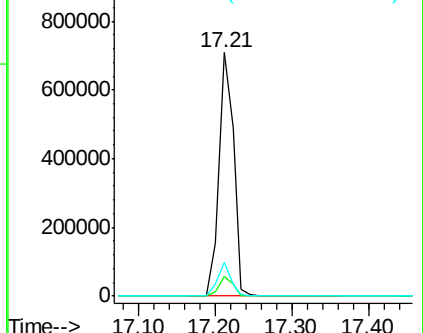
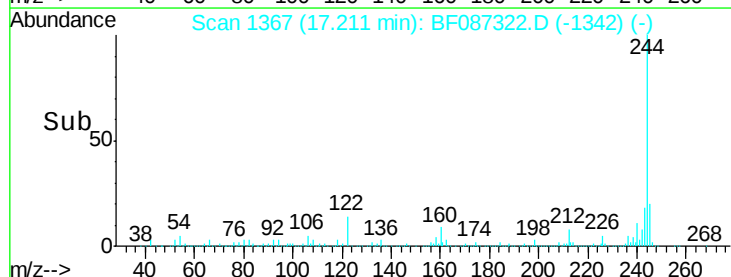
122 14.0 12.0 18.0

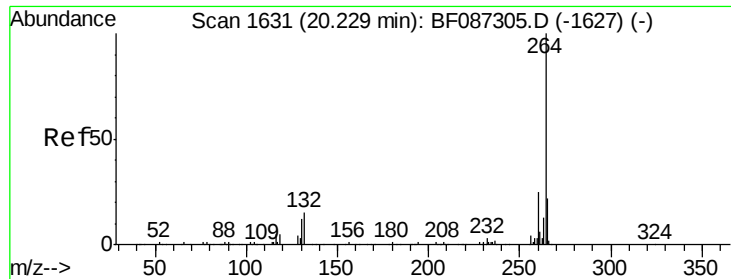


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.23 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BF087322.D
Acq: 24 May 2016 3:56

Instrument :
BNA_F
ClientSampleId :
RAV-GTMW-2

Tgt Ion: 264 Resp: 212306
Ion Ratio Lower Upper
264 100
260 24.9 19.5 29.3
265 22.2 17.3 25.9

