

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087325.D
 Acq On : 24 May 2016 5:37
 Operator : UM/SJ
 Sample : H3187-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GTMW-5

Quant Time: May 24 18:49:05 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

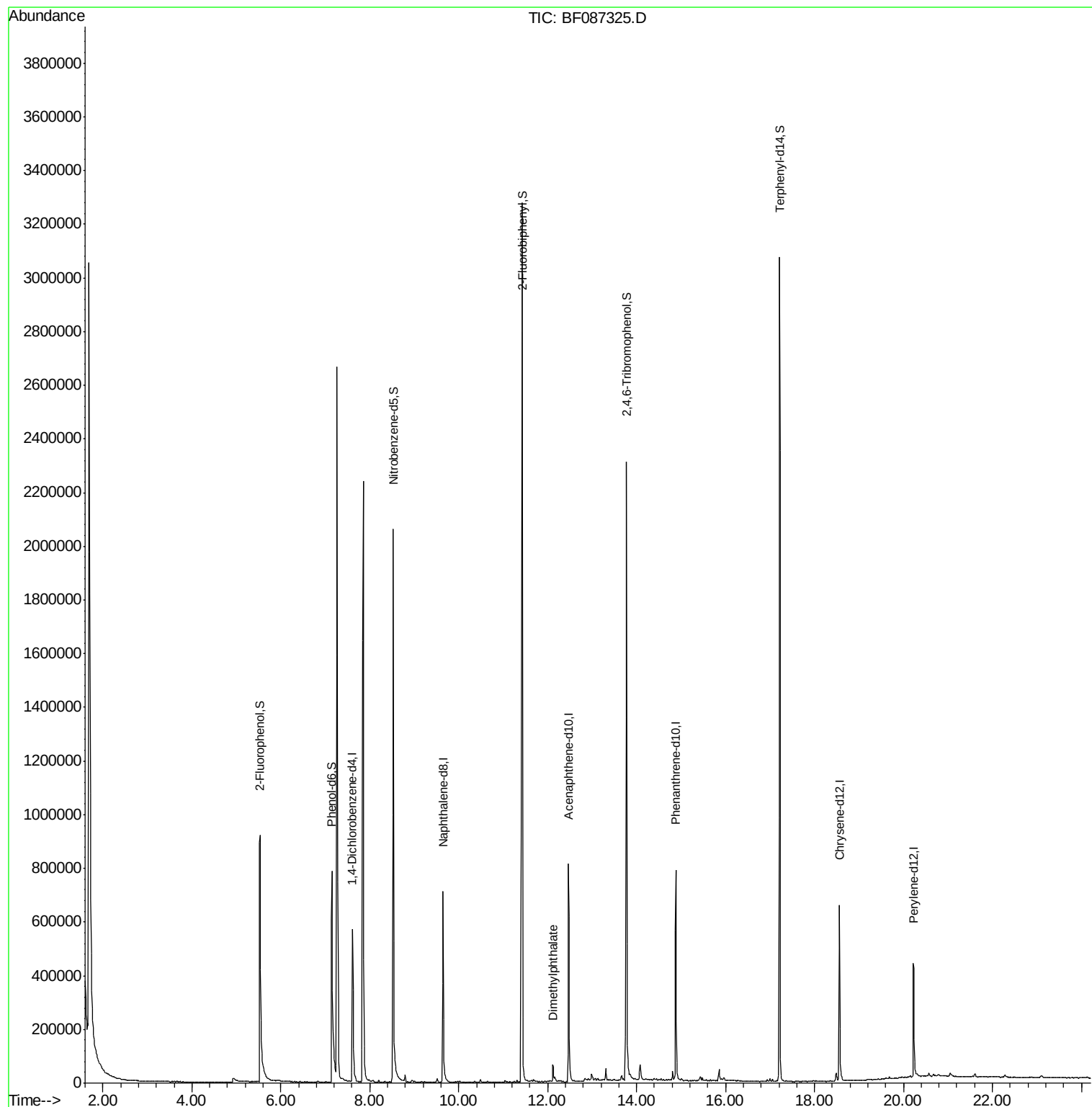
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	120068	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	487810	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	234983	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	447506	20.00	ng	0.00
75) Chrysene-d12	18.56	240	357932	20.00	ng	0.00
86) Perylene-d12	20.23	264	270061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	527150	77.15	ng	0.01
7) Phenol-d6	7.15	99	506282	54.83	ng	-0.01
23) Nitrobenzene-d5	8.52	82	898213	92.80	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	332636	147.31	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1604406	96.26	ng	0.00
78) Terphenyl-d14	17.21	244	1440410	85.56	ng	-0.01
Target Compounds						
49) Dimethylphthalate	12.11	163	43013	2.29	ng	Qvalue 99

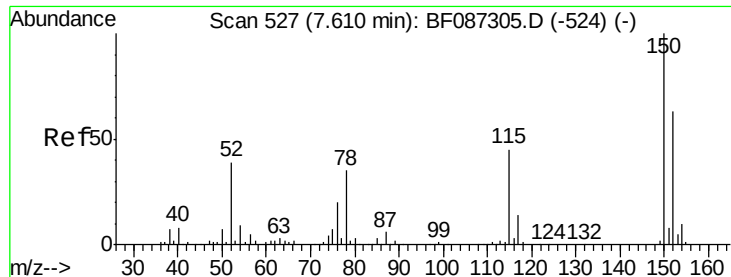
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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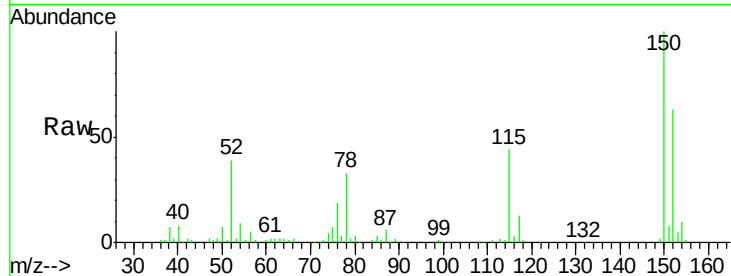


#1

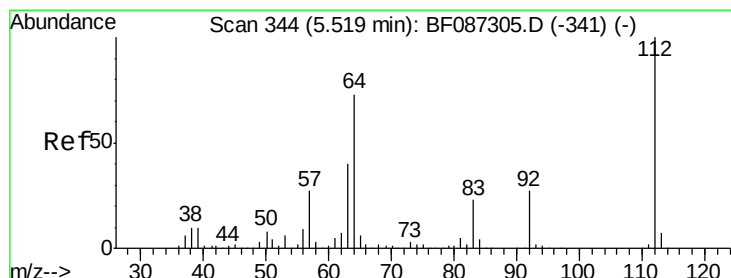
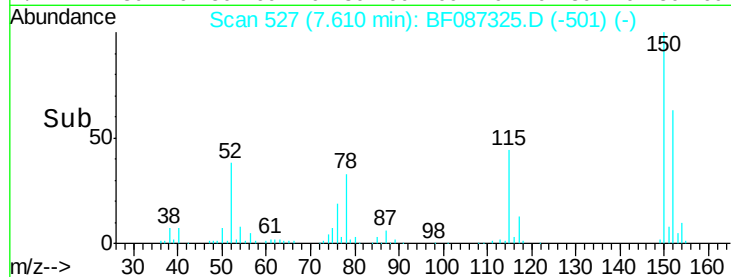
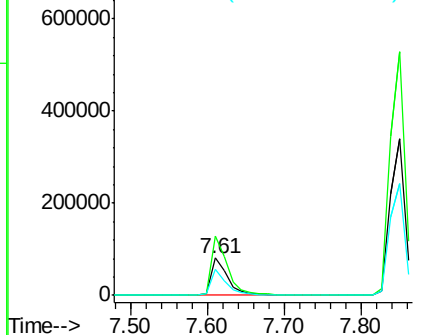
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087325.D
Acq: 24 May 2016 5:37

Instrument :
BNA_F
ClientSampleId :
RAV-GTMW-5

Tgt Ion:152 Resp: 120068
Ion Ratio Lower Upper
152 100
150 158.9 125.8 188.6
115 70.6 51.5 77.3



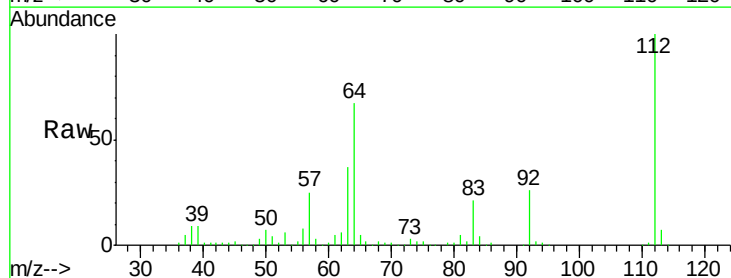
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



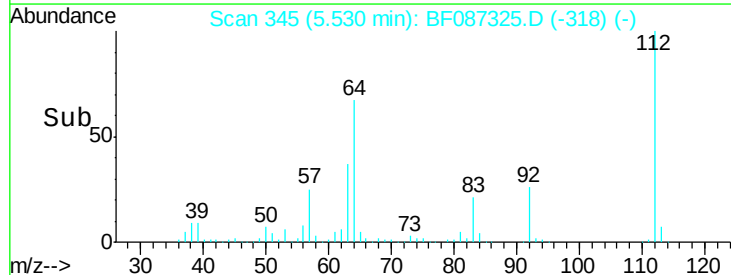
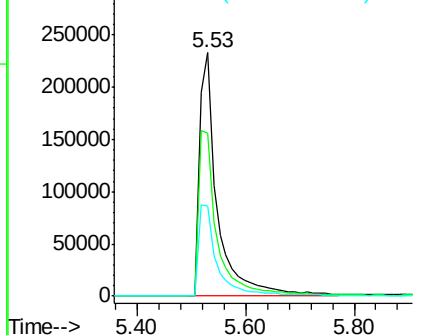
#5

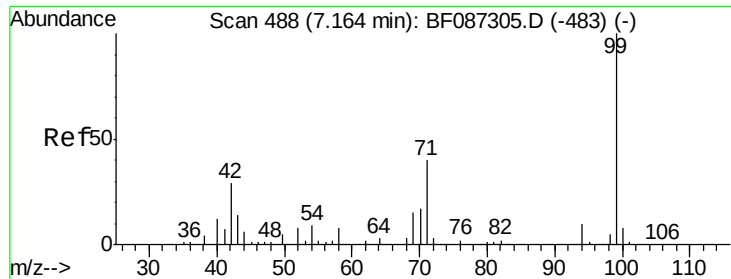
2-Fluorophenol
Concen: 77.15 ng
RT: 5.53 min Scan# 345
Delta R.T. 0.01 min
Lab File: BF087325.D
Acq: 24 May 2016 5:37

Tgt Ion:112 Resp: 527150
Ion Ratio Lower Upper
112 100
64 66.9 52.1 78.1
63 36.8 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: 54.83 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087325.D

Acq: 24 May 2016 5:37

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-5

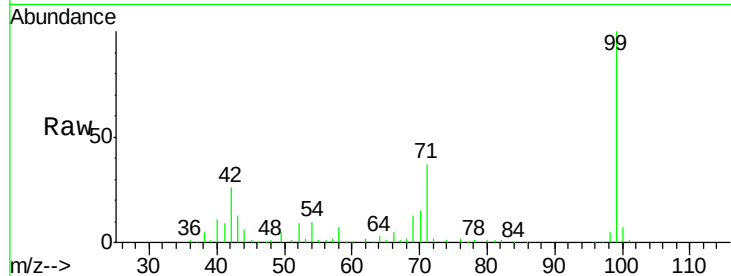
Tgt Ion: 99 Resp: 506282

Ion Ratio Lower Upper

99 100

42 26.4 13.6 20.4#

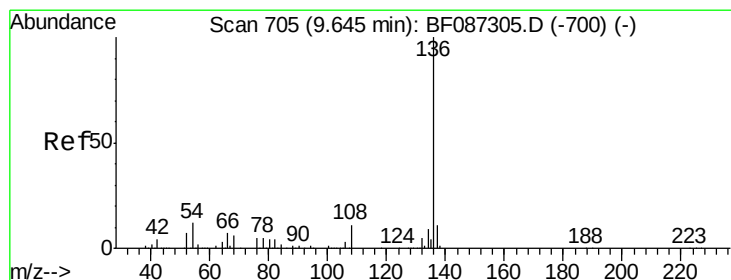
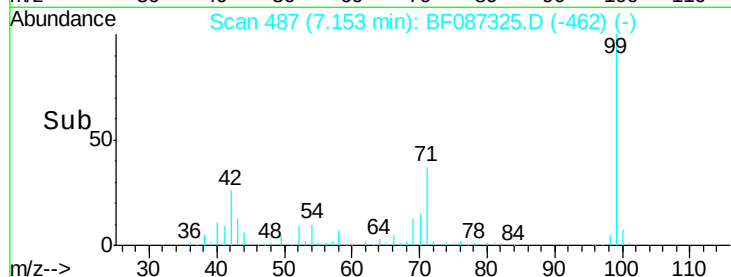
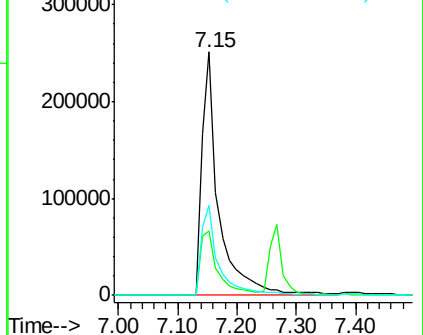
71 37.0 24.6 36.8#



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: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087325.D

Acq: 24 May 2016 5:37

Tgt Ion: 136 Resp: 487810

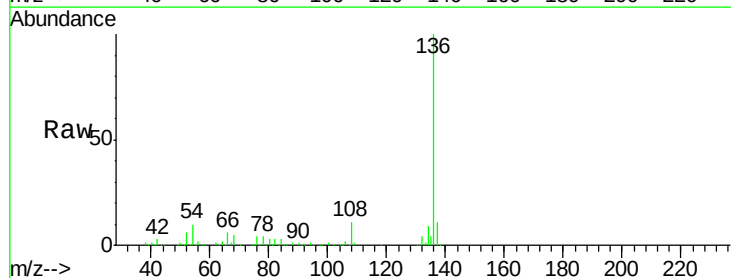
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.4 5.0 7.4#

68 5.3 4.4 6.6

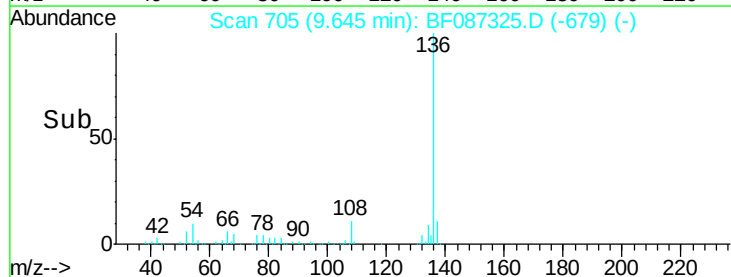
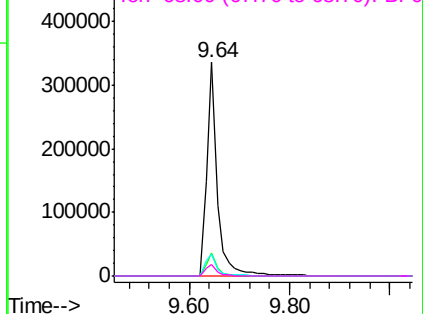


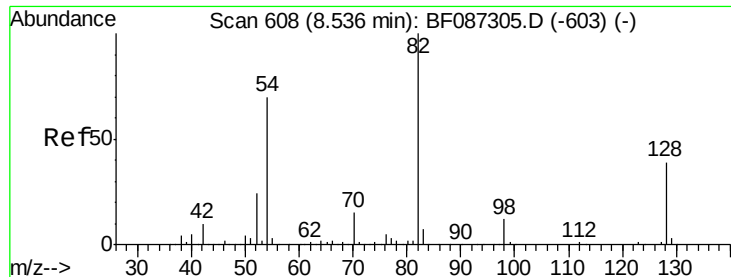
Abundance Ion 136.00 (135.70 to 136.70): E

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

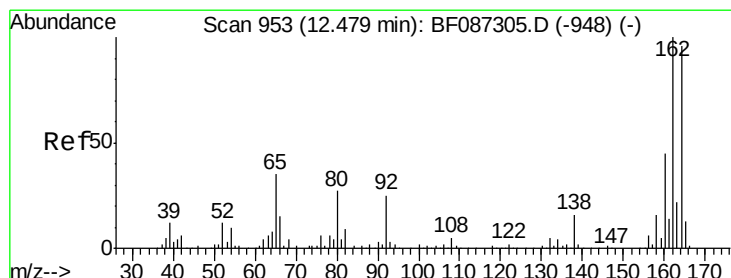
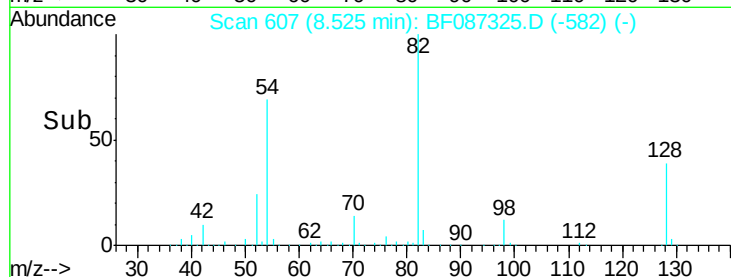
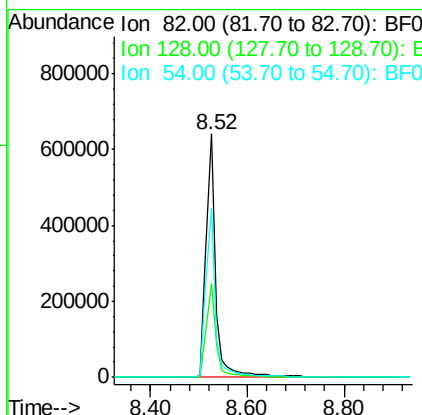
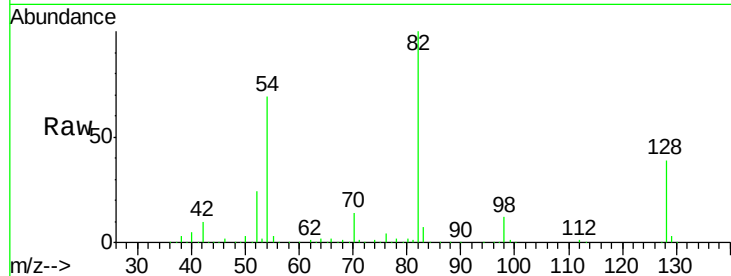




#23
 Nitrobenzene-d5
 Concen: 92.80 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087325.D
 Acq: 24 May 2016 5:37

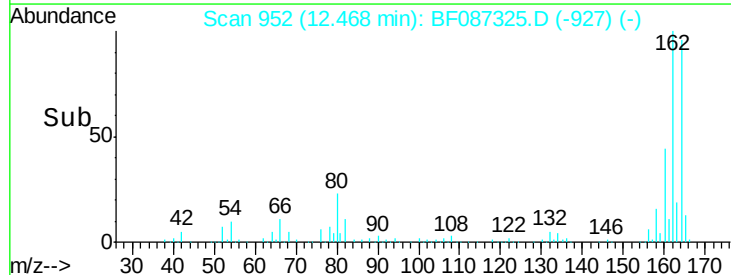
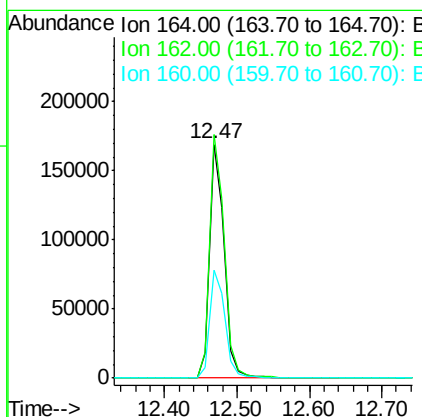
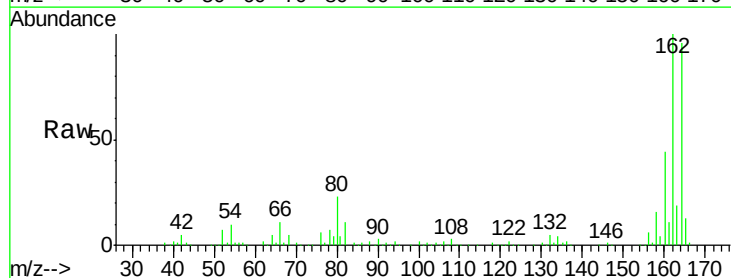
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GTMW-5

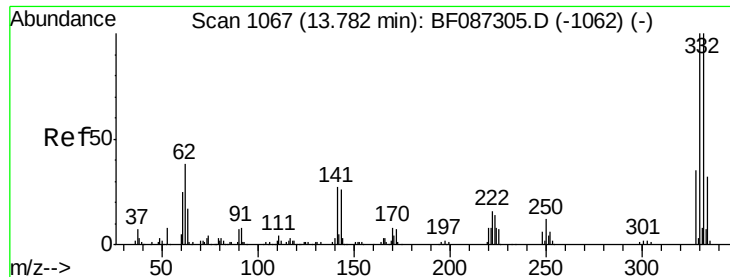
Tgt Ion: 82 Resp: 898213
 Ion Ratio Lower Upper
 82 100
 128 38.5 40.6 61.0#
 54 69.4 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087325.D
 Acq: 24 May 2016 5:37

Tgt Ion: 164 Resp: 234983
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.8 124.2
 160 46.0 36.9 55.3

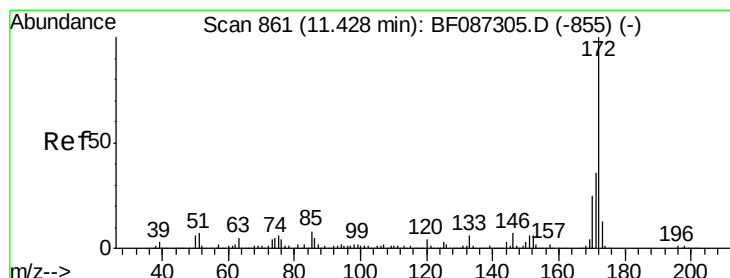
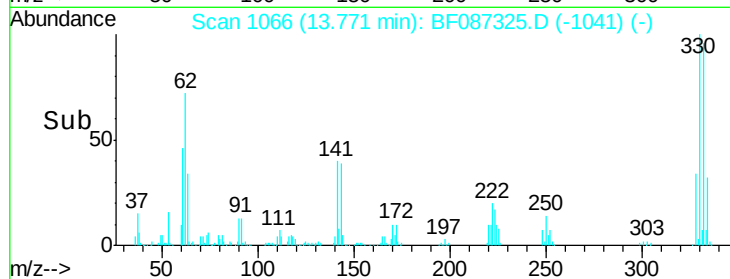
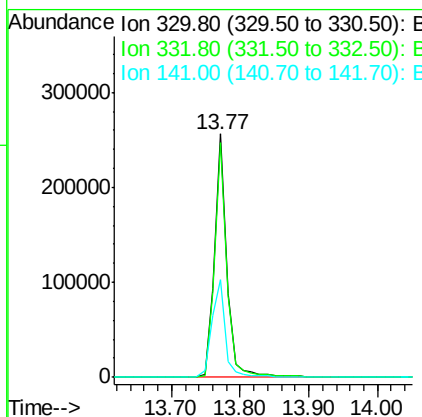
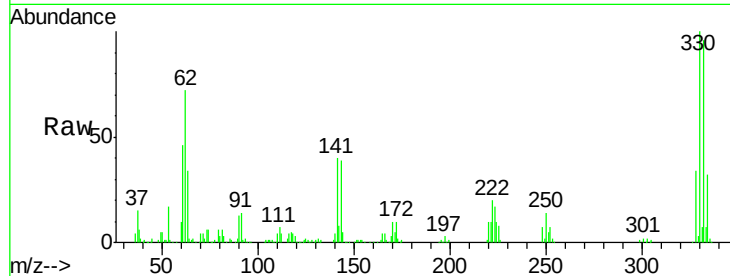




#41
 2,4,6-Tribromophenol
 Concen: 147.31 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087325.D
 Acq: 24 May 2016 5:37

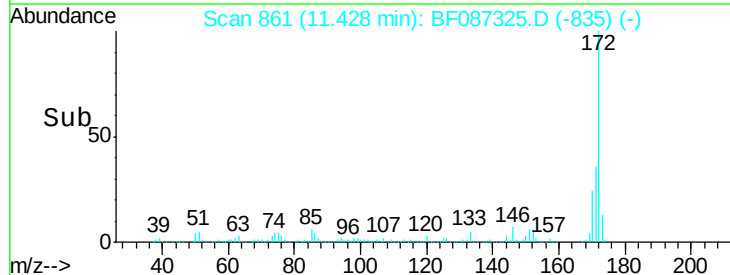
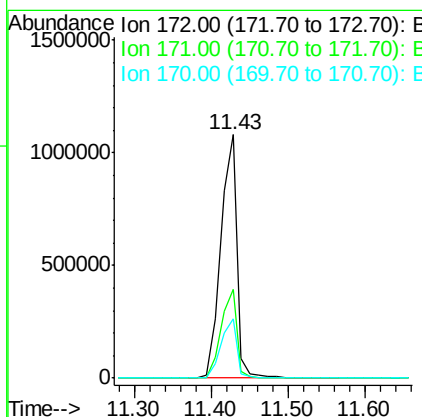
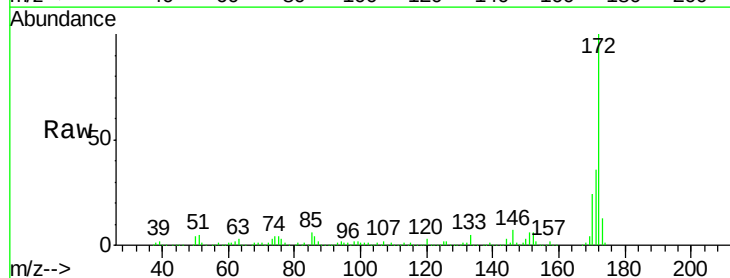
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GTMW-5

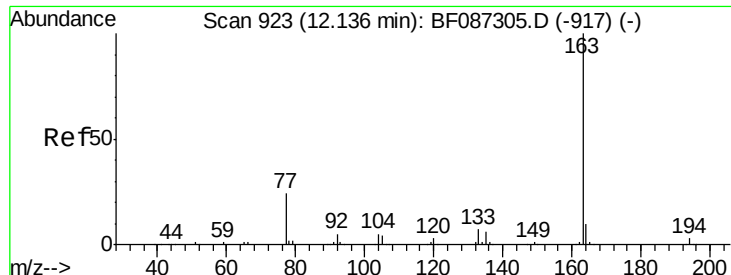
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	43.6	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 96.26 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087325.D
 Acq: 24 May 2016 5:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.3	19.8	29.8

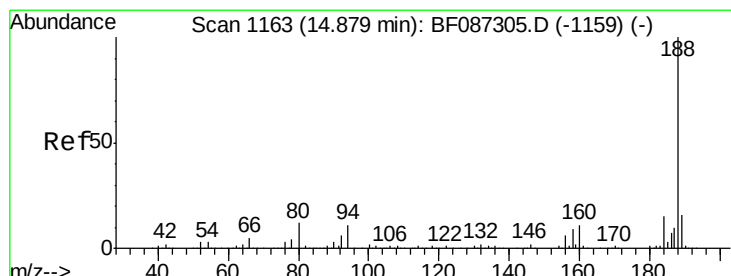
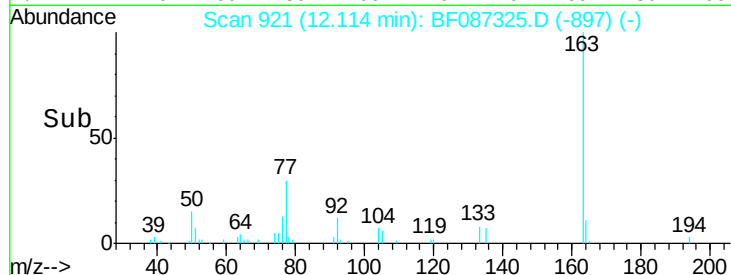
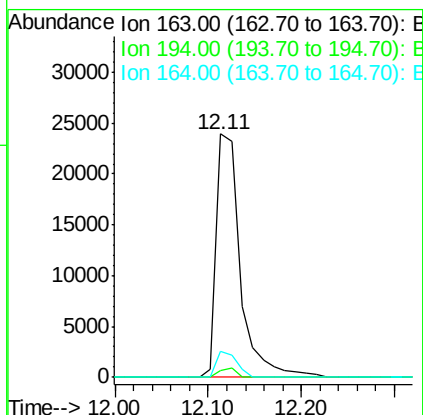
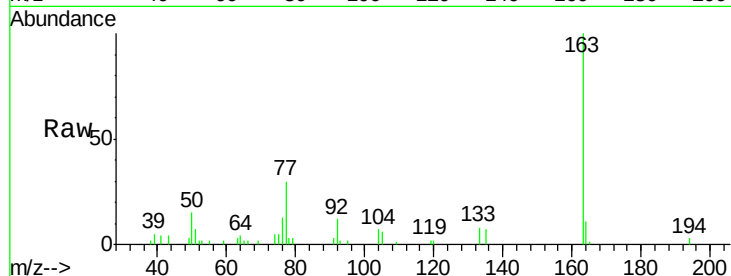




#49
Dimethylphthalate
Concen: 2.29 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF087325.D
Acq: 24 May 2016 5:37

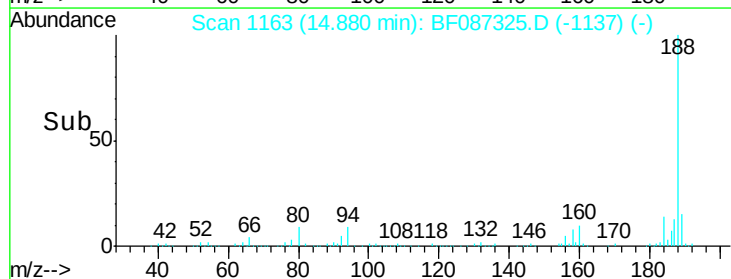
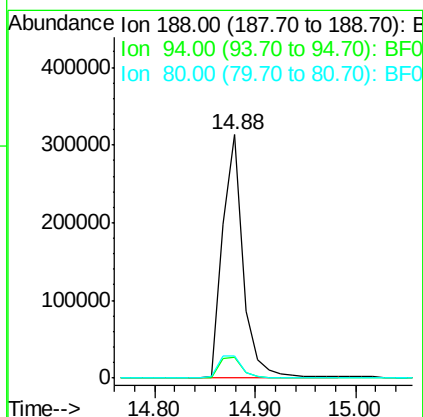
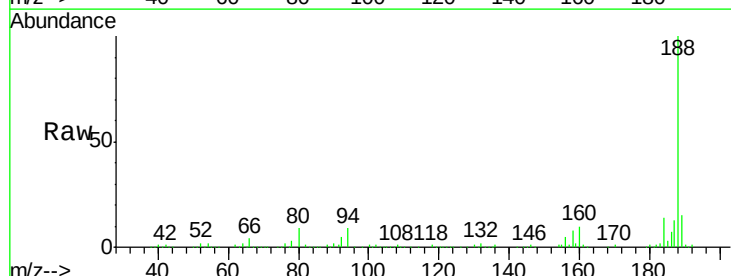
Instrument :
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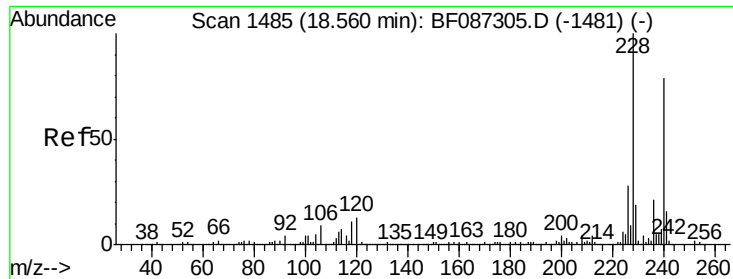
Tgt Ion:163 Resp: 43013
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.7 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087325.D
Acq: 24 May 2016 5:37

Tgt Ion:188 Resp: 447506
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.0 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: BF087325.D

Acq: 24 May 2016 5:37

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-5

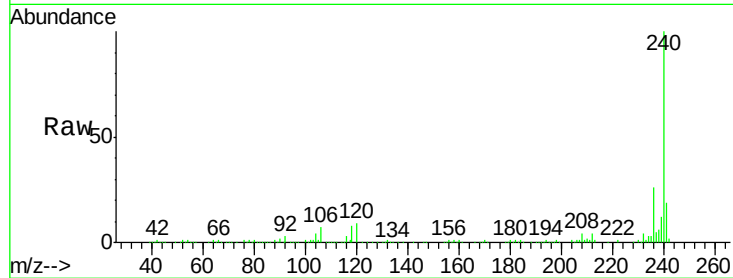
Tgt Ion:240 Resp: 357932

Ion Ratio Lower Upper

240 100

120 9.5 11.2 16.8#

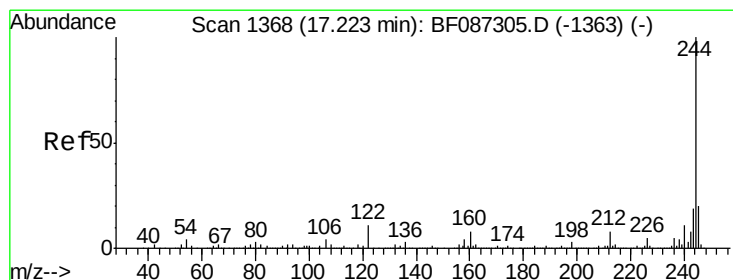
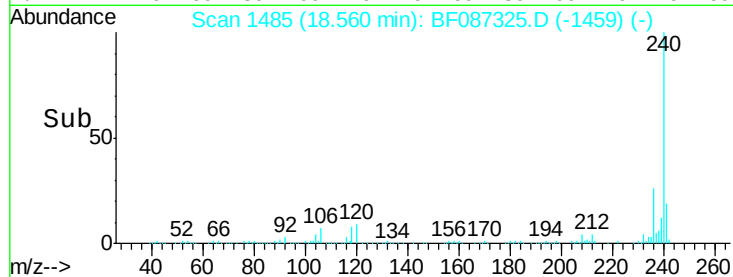
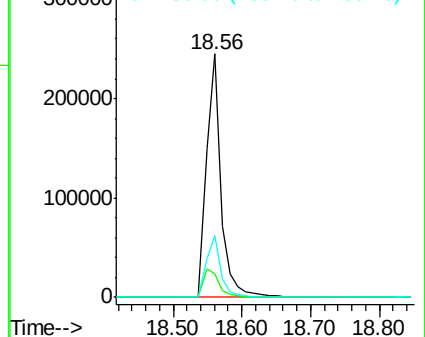
236 25.6 21.2 31.8



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: 85.56 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087325.D

Acq: 24 May 2016 5:37

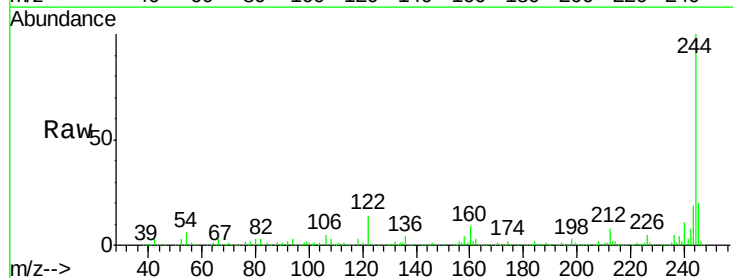
Tgt Ion:244 Resp: 1440410

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

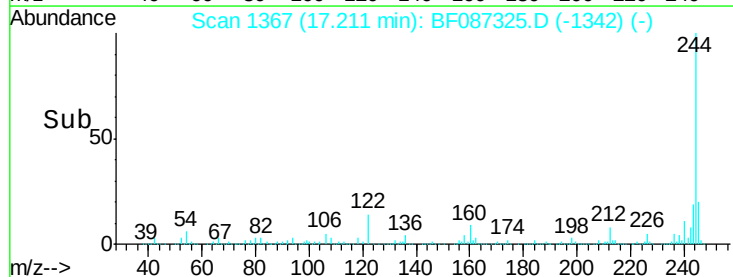
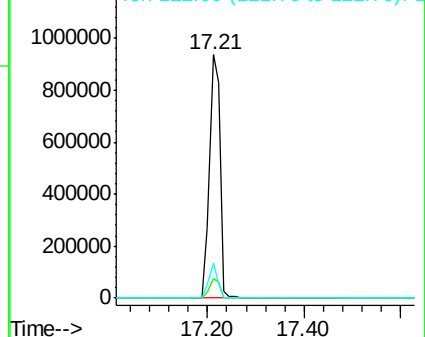
122 14.1 12.0 18.0

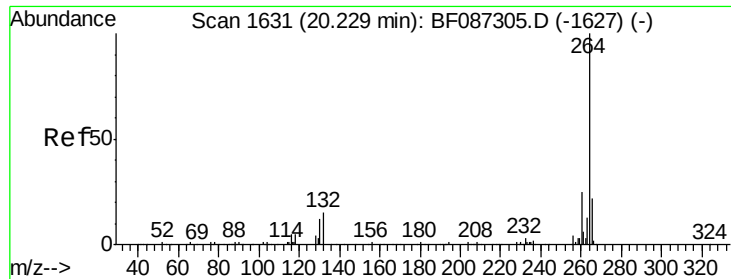


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087325.D
Acq: 24 May 2016 5:37

Instrument :
BNA_F
ClientSampleId :
RAV-GTMW-5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.7	17.3	25.9

