

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087324.D
 Acq On : 24 May 2016 5:03
 Operator : UM/SJ
 Sample : H3218-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-2GW

Quant Time: May 24 18:47:57 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	119696	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	501924	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	245405	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	465596	20.00	ng	0.00
75) Chrysene-d12	18.56	240	368407	20.00	ng	0.00
86) Perylene-d12	20.23	264	271062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	468891	68.83	ng	0.01
7) Phenol-d6	7.15	99	428260	46.53	ng	-0.01
23) Nitrobenzene-d5	8.52	82	915568	91.93	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	330602	140.19	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1623144	93.24	ng	0.00
78) Terphenyl-d14	17.22	244	1549037	89.39	ng	0.00

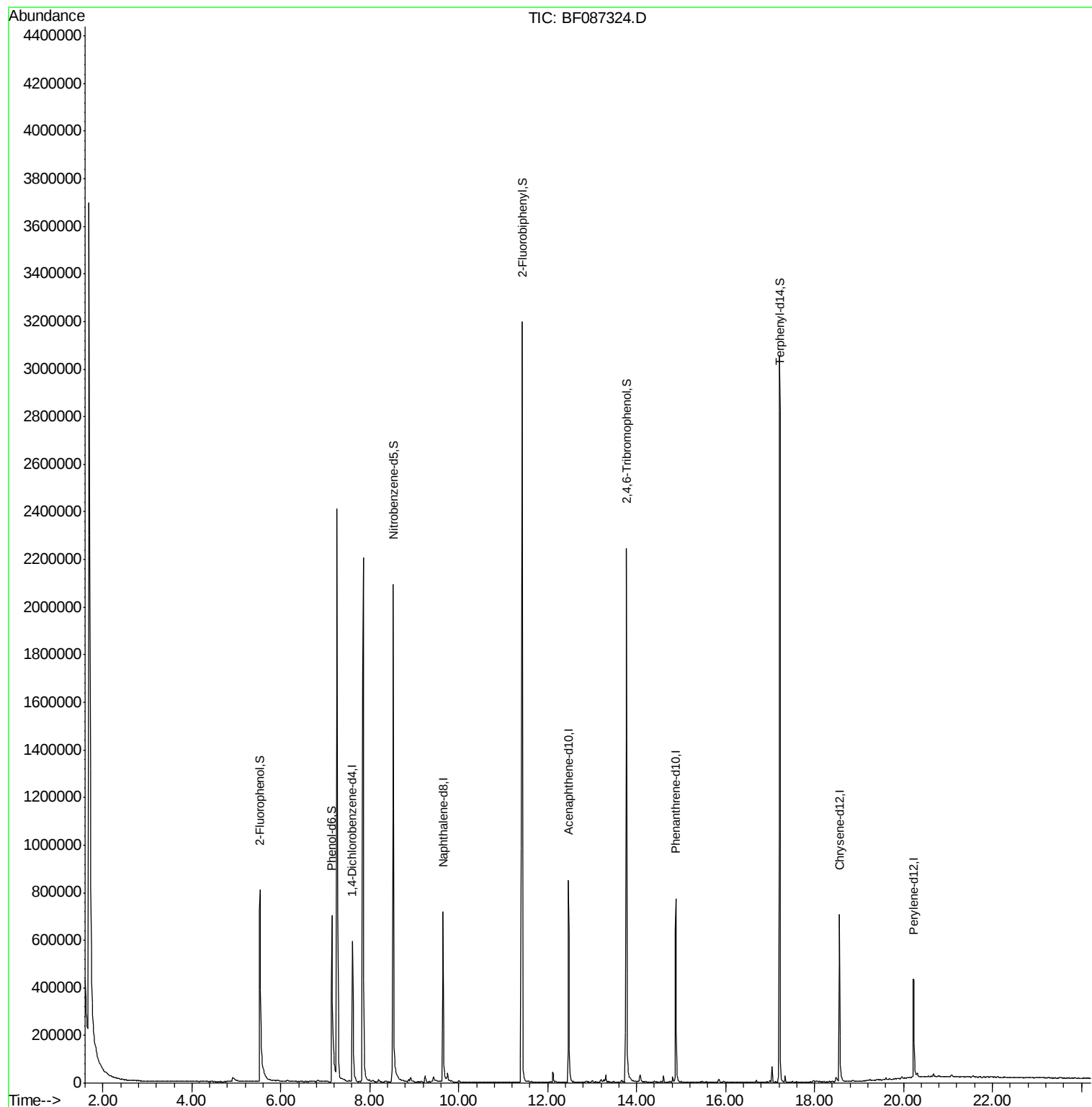
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087324.D

Acq: 24 May 2016 5:03

Instrument :

BNA_F

ClientSampleId :

E-2GW

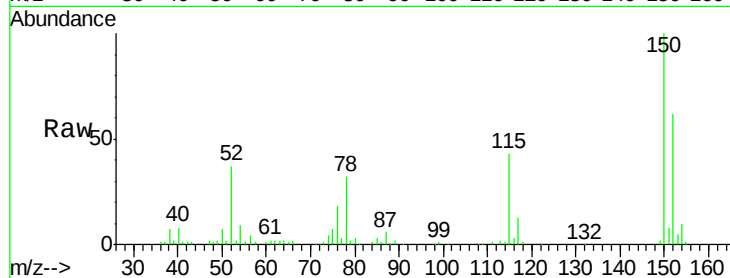
Tgt Ion:152 Resp: 119696

Ion Ratio Lower Upper

152 100

150 161.0 125.8 188.6

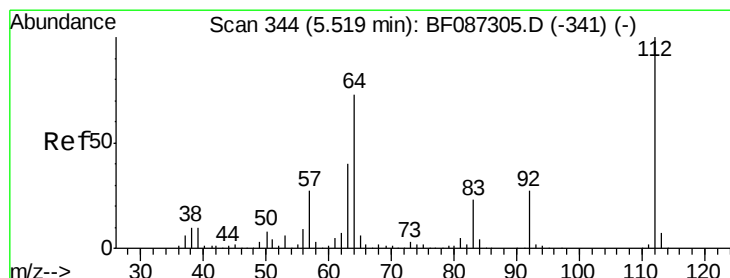
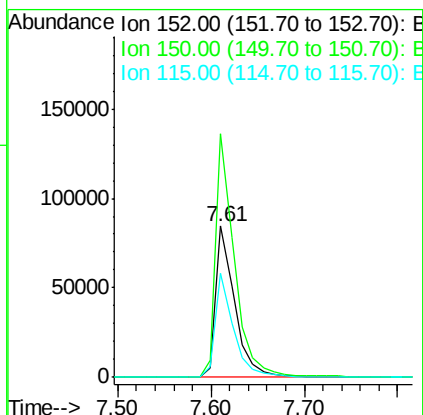
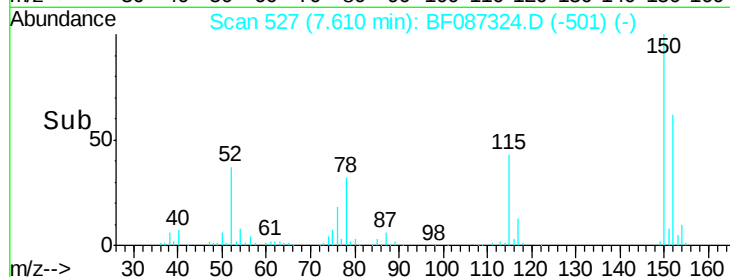
115 69.2 51.5 77.3



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: 68.83 ng

RT: 5.53 min Scan# 345

Delta R.T. 0.01 min

Lab File: BF087324.D

Acq: 24 May 2016 5:03

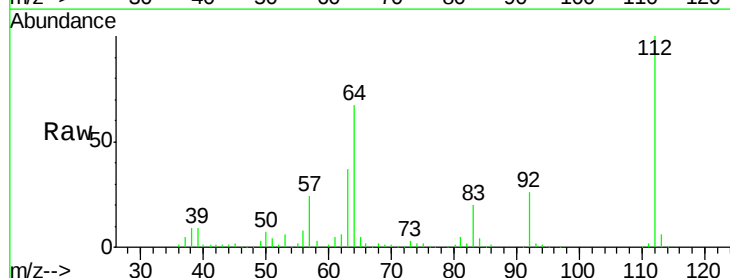
Tgt Ion:112 Resp: 468891

Ion Ratio Lower Upper

112 100

64 67.0 52.1 78.1

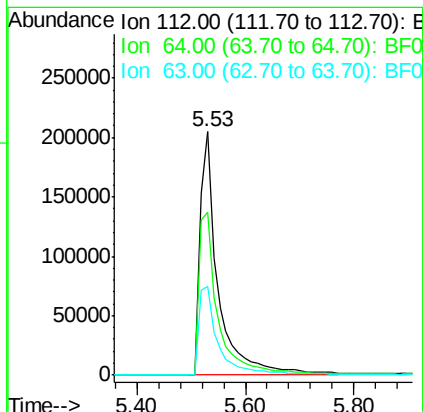
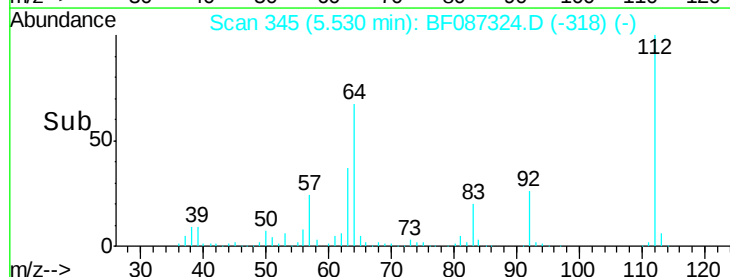
63 36.7 25.7 38.5



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: 46.53 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087324.D

Acq: 24 May 2016 5:03

Instrument :

BNA_F

ClientSampleId :

E-2GW

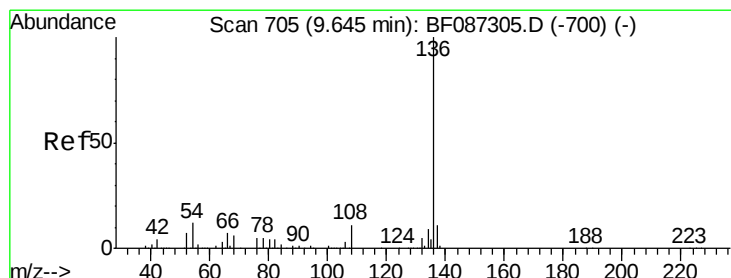
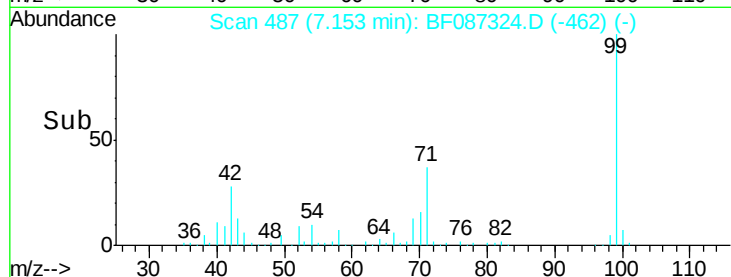
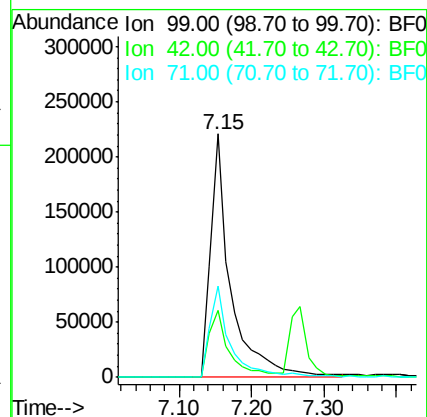
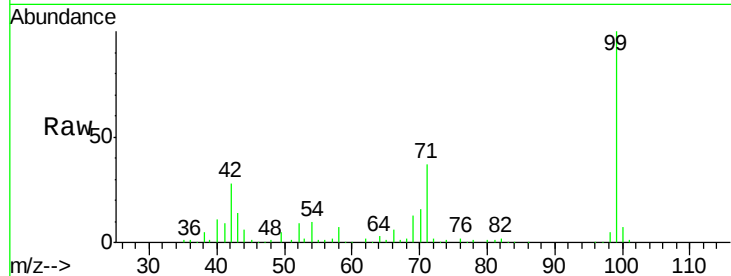
Tgt Ion: 99 Resp: 428260

Ion Ratio Lower Upper

99 100

42 27.7 13.6 20.4#

71 37.2 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: BF087324.D

Acq: 24 May 2016 5:03

Tgt Ion: 136 Resp: 501924

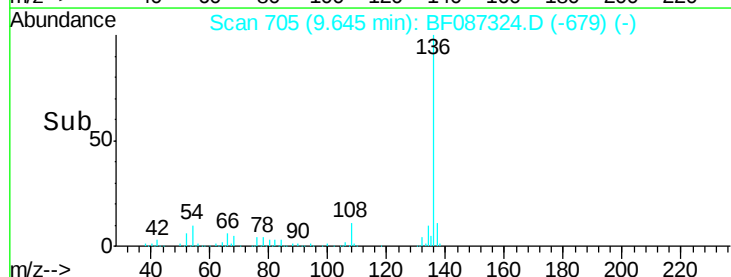
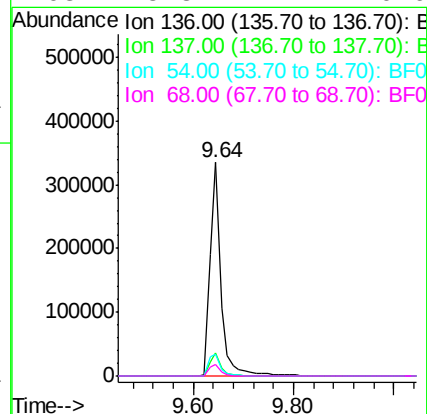
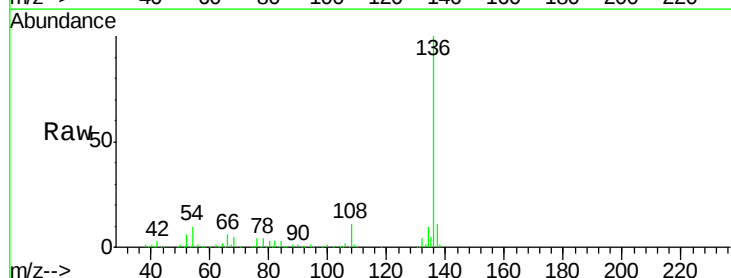
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.3 5.0 7.4#

68 5.3 4.4 6.6

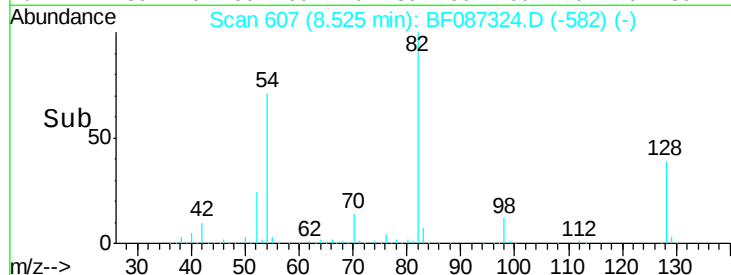
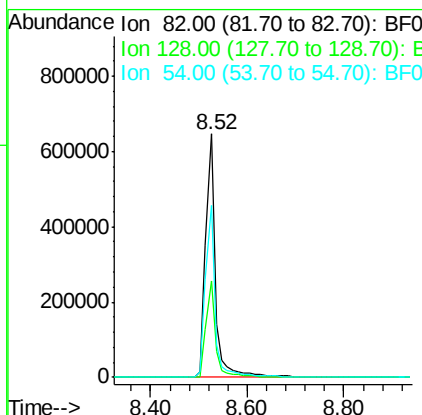
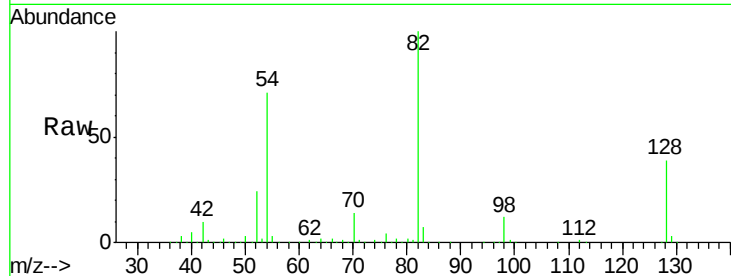




#23
 Nitrobenzene-d5
 Concen: 91.93 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087324.D
 Acq: 24 May 2016 5:03

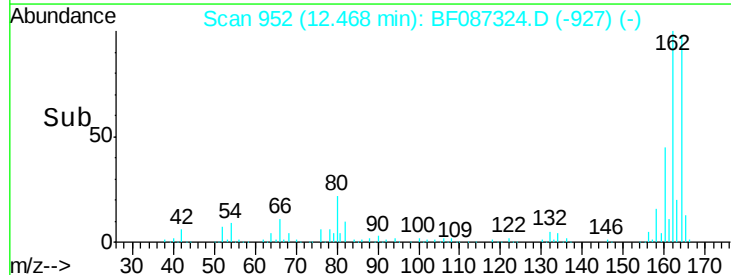
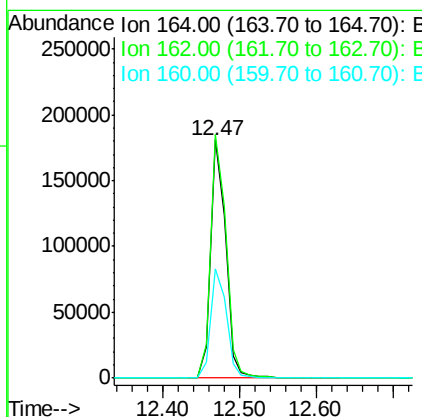
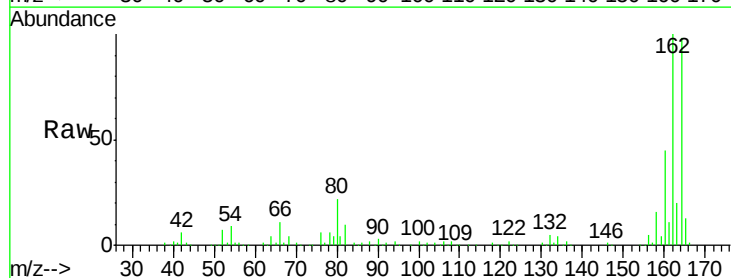
Instrument :
 BNA_F
 ClientSampleId :
 E-2GW

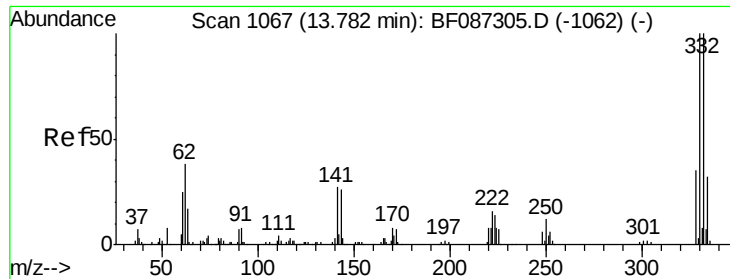
Tgt Ion: 82 Resp: 915568
 Ion Ratio Lower Upper
 82 100
 128 39.4 40.6 61.0#
 54 70.6 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087324.D
 Acq: 24 May 2016 5:03

Tgt Ion: 164 Resp: 245405
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.8 124.2
 160 45.7 36.9 55.3

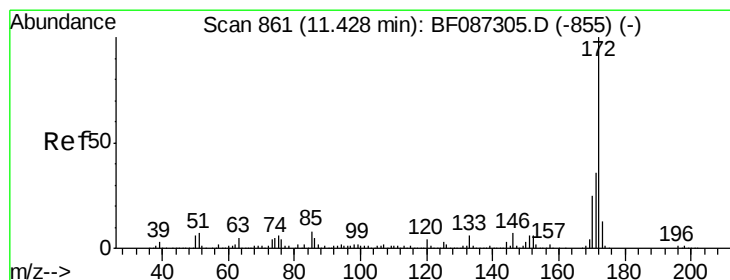
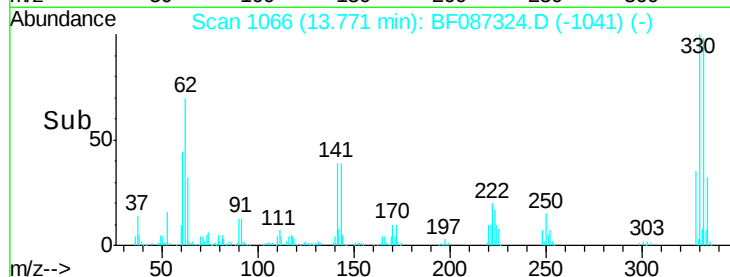
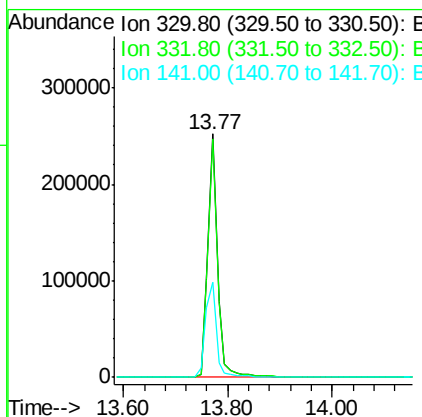
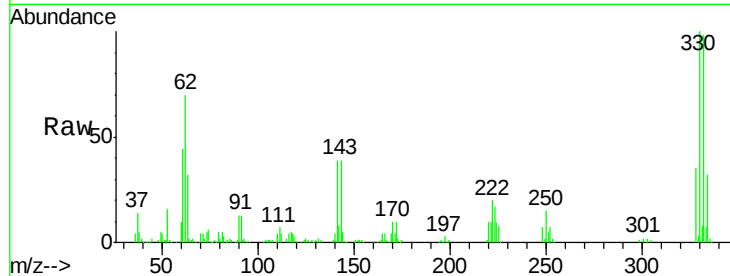




#41
 2,4,6-Tribromophenol
 Concen: 140.19 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087324.D
 Acq: 24 May 2016 5:03

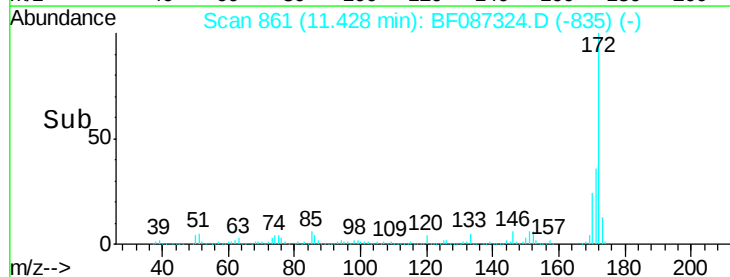
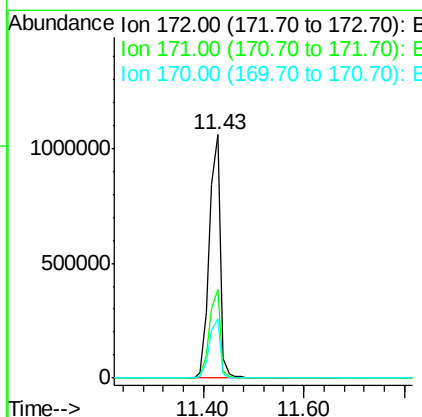
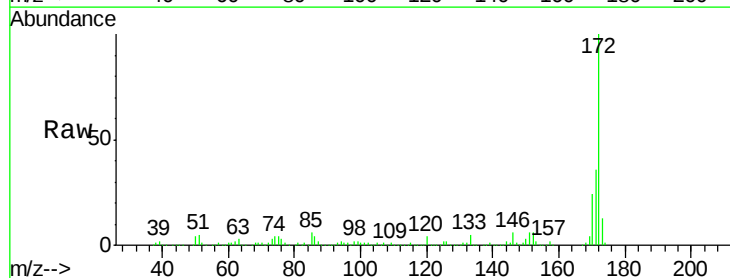
Instrument :
 BNA_F
 ClientSampleId :
 E-2GW

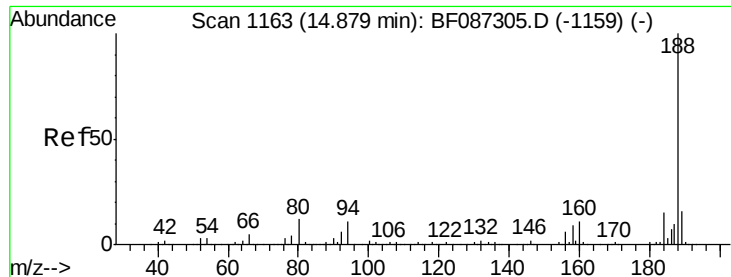
Tgt Ion:330 Resp: 330602
 Ion Ratio Lower Upper
 330 100
 332 98.3 79.0 118.4
 141 43.5 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 93.24 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087324.D
 Acq: 24 May 2016 5:03

Tgt Ion:172 Resp: 1623144
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.3 19.8 29.8

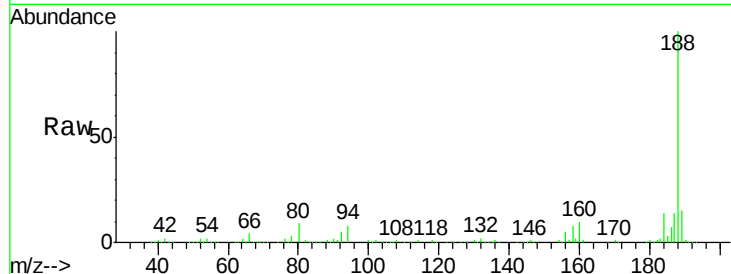




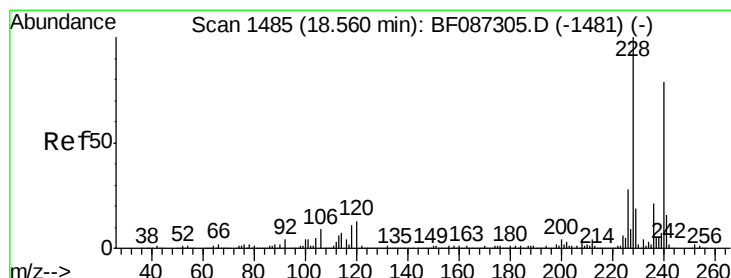
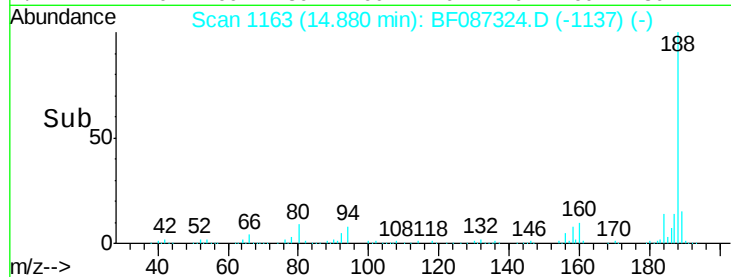
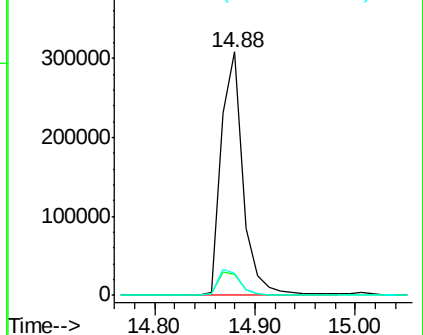
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087324.D
Acq: 24 May 2016 5:03

Instrument :
BNA_F
ClientSampleId :
E-2GW

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	8.9	7.1	10.7

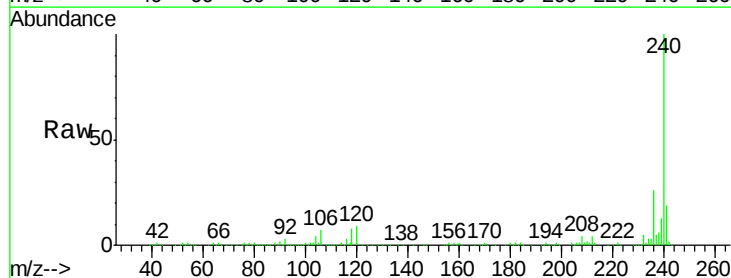


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

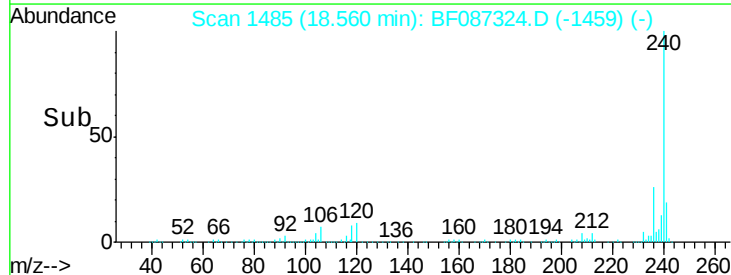
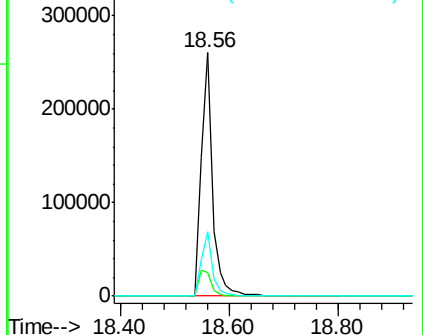


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.56 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF087324.D
Acq: 24 May 2016 5:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	11.2	16.8#
236	26.4	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

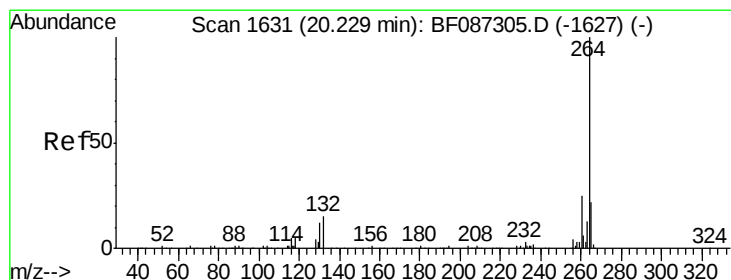
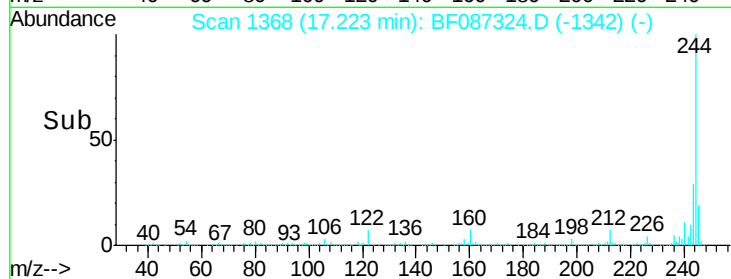
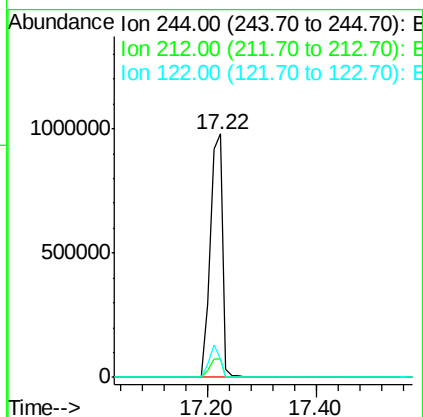
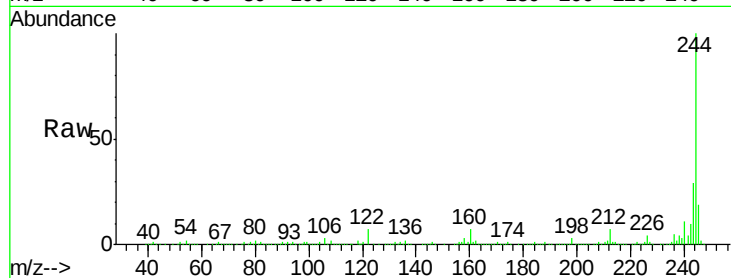




#78
 Terphenyl-d14
 Concen: 89.39 ng
 RT: 17.22 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF087324.D
 Acq: 24 May 2016 5:03

Instrument :
 BNA_F
 ClientSampleId :
 E-2GW

Tgt Ion:244 Resp: 1549037
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 7.5 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087324.D
 Acq: 24 May 2016 5:03

Tgt Ion:264 Resp: 271062
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.6 17.3 25.9

