

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087326.D
 Acq On : 24 May 2016 6:11
 Operator : UM/SJ
 Sample : H3238-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1605174350

Quant Time: May 24 18:46:18 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

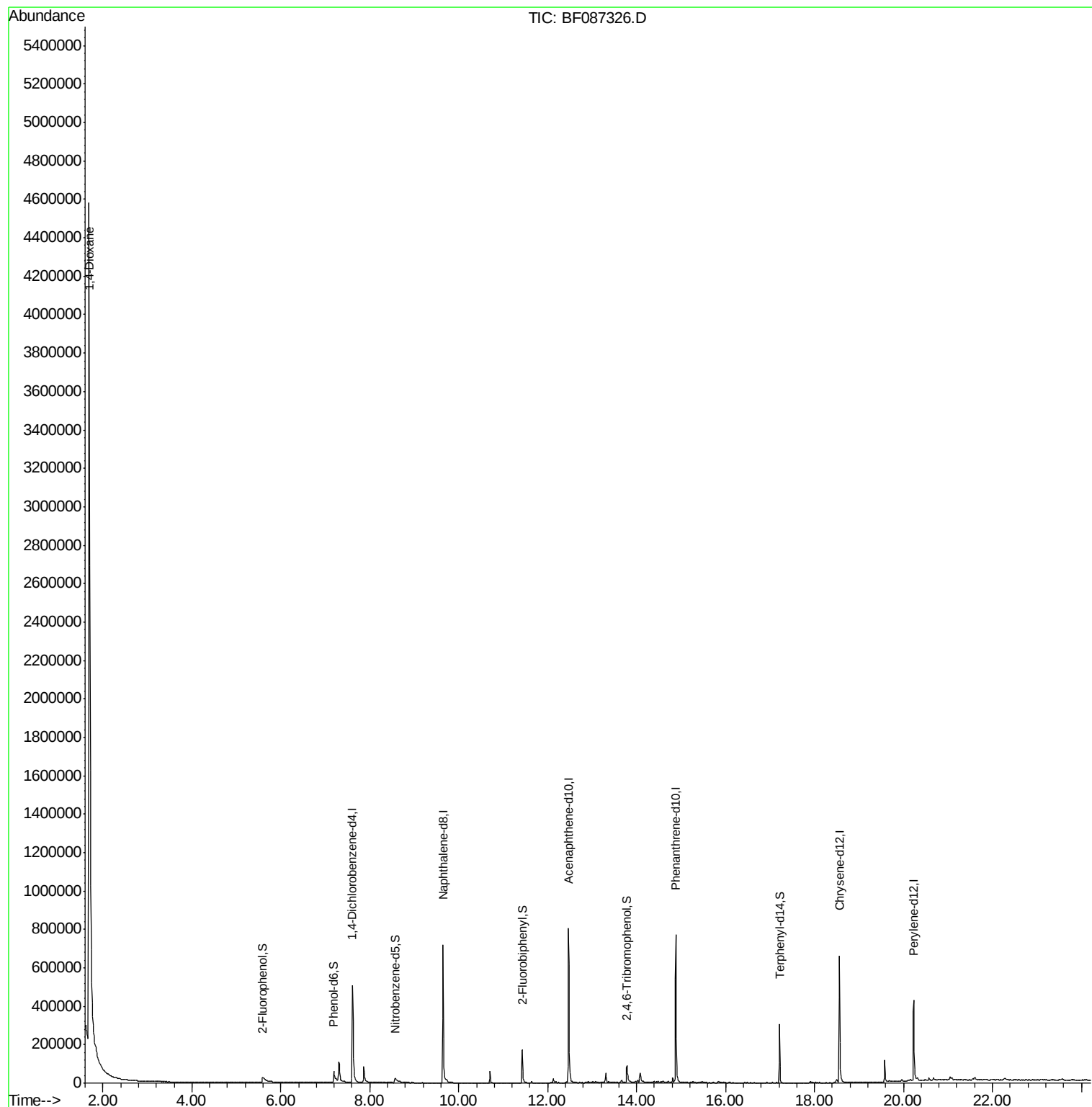
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	117279	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	487904	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	241680	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	467063	20.00	ng	0.00
75) Chrysene-d12	18.56	240	366629	20.00	ng	0.00
86) Perylene-d12	20.23	264	267063	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	34993	5.24	ng	0.08
7) Phenol-d6	7.19	99	65457	7.26	ng	0.02
23) Nitrobenzene-d5	8.57	82	42507	4.39	ng	0.03
41) 2,4,6-Tribromophenol	13.78	330	20675	8.90	ng	0.00
44) 2-Fluorobiphenyl	11.43	172	114249	6.66	ng	0.00
78) Terphenyl-d14	17.21	244	118875	6.89	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.69	88	206273	58.57	ng	Qvalue # 24

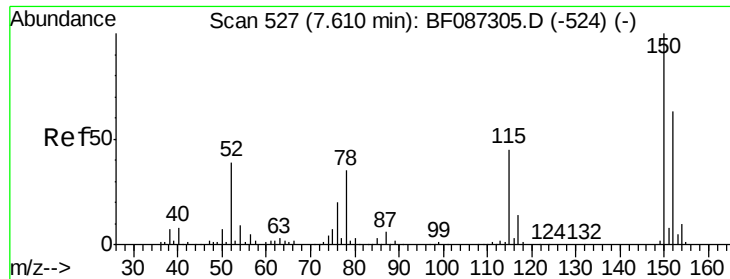
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087326.D

Acq: 24 May 2016 6:11

Instrument :

BNA_F

ClientSampleId :

1605174350

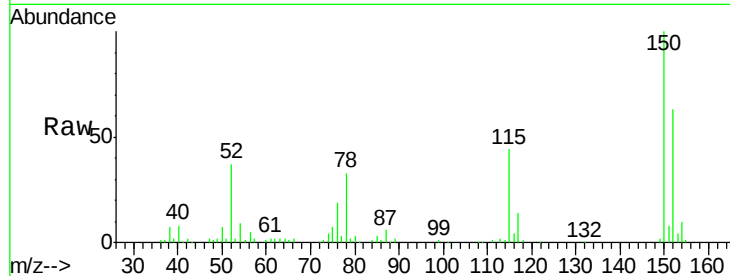
Tgt Ion:152 Resp: 117279

Ion Ratio Lower Upper

152 100

150 159.0 125.8 188.6

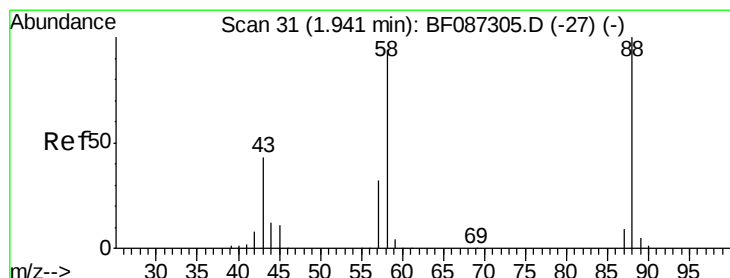
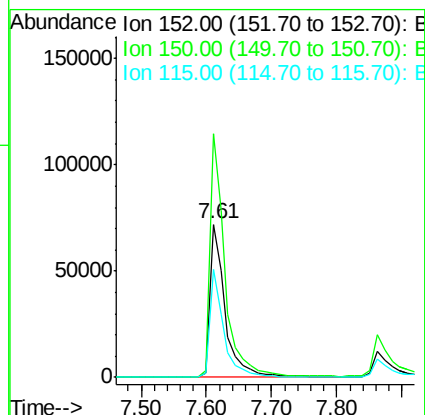
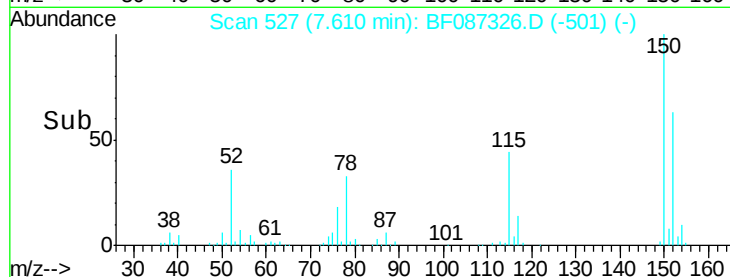
115 70.6 51.5 77.3



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



#2

1,4-Dioxane

Concen: 58.57 ng

RT: 1.69 min Scan# 9

Delta R.T. -0.25 min

Lab File: BF087326.D

Acq: 24 May 2016 6:11

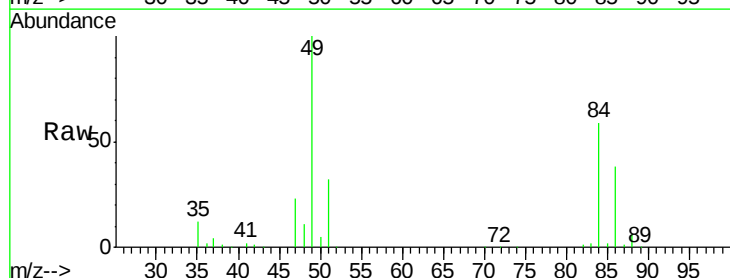
Tgt Ion: 88 Resp: 206273

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

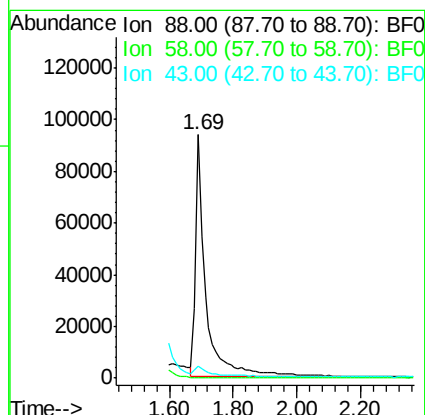
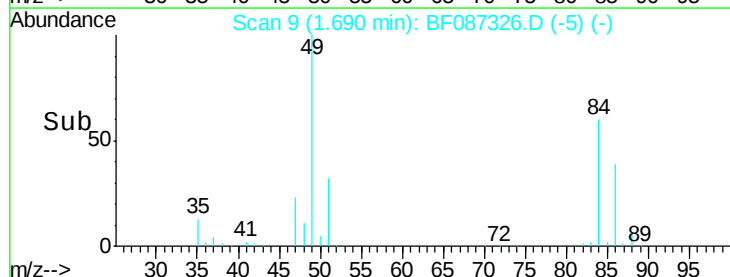
43 4.7 21.8 32.6#

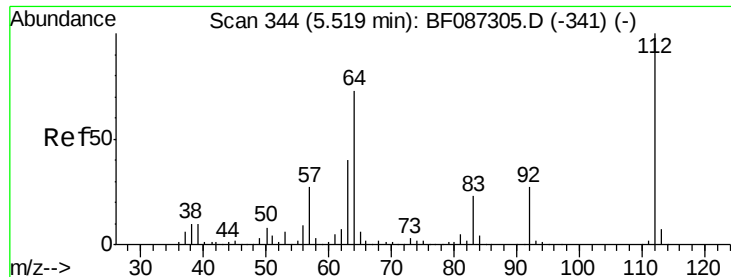


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

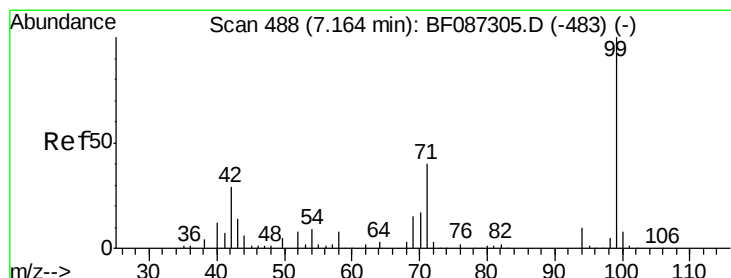
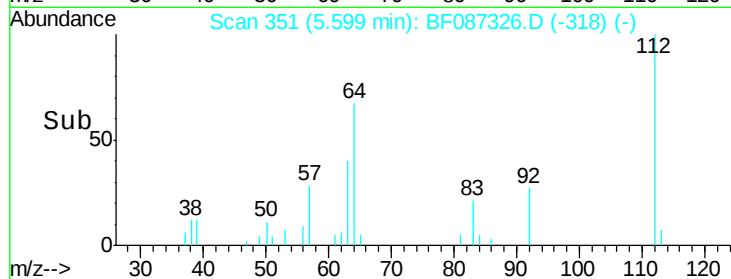
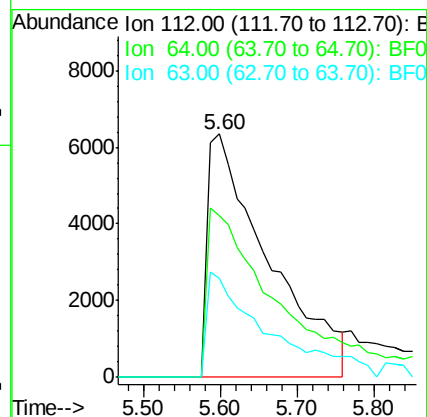
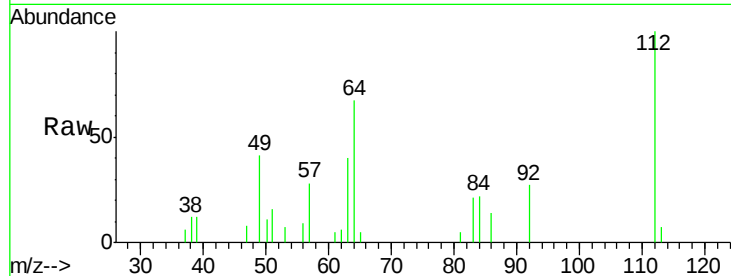




#5
 2-Fluorophenol
 Concen: 5.24 ng
 RT: 5.60 min Scan# 351
 Delta R.T. 0.08 min
 Lab File: BF087326.D
 Acq: 24 May 2016 6:11

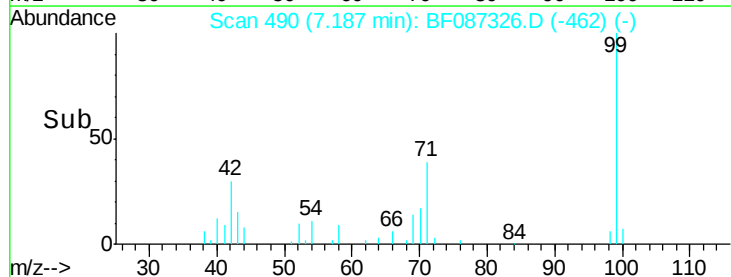
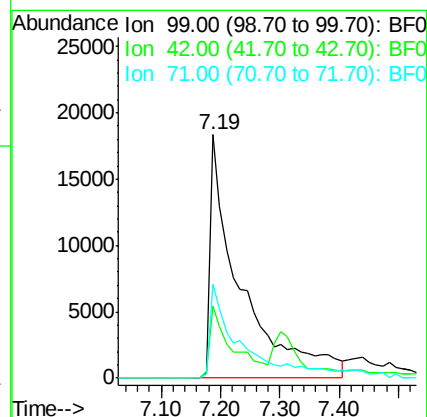
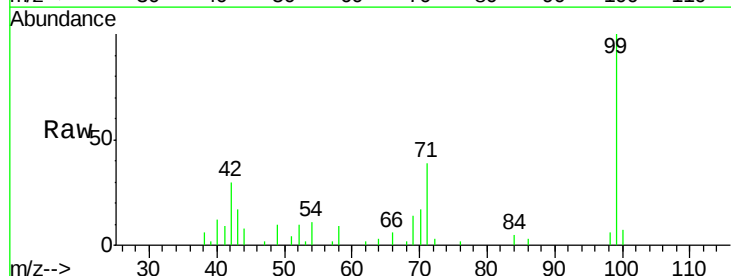
Instrument :
 BNA_F
 ClientSampleId :
 1605174350

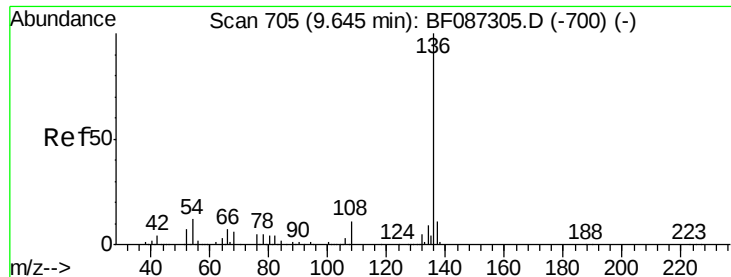
Tgt Ion: 112 Resp: 34993
 Ion Ratio Lower Upper
 112 100
 64 66.6 52.1 78.1
 63 40.4 25.7 38.5#



#7
 Phenol-d6
 Concen: 7.26 ng
 RT: 7.19 min Scan# 490
 Delta R.T. 0.02 min
 Lab File: BF087326.D
 Acq: 24 May 2016 6:11

Tgt Ion: 99 Resp: 65457
 Ion Ratio Lower Upper
 99 100
 42 29.6 13.6 20.4#
 71 38.5 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: BF087326.D

Acq: 24 May 2016 6:11

Instrument :

BNA_F

ClientSampleId :

1605174350

Tgt Ion:136 Resp: 487904

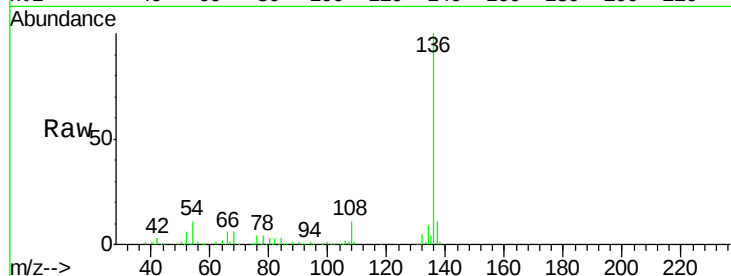
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.6 5.0 7.4#

68 5.6 4.4 6.6

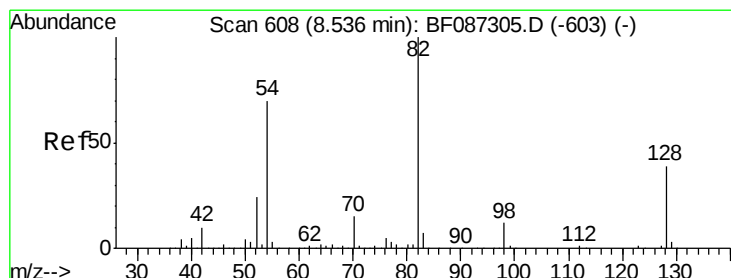
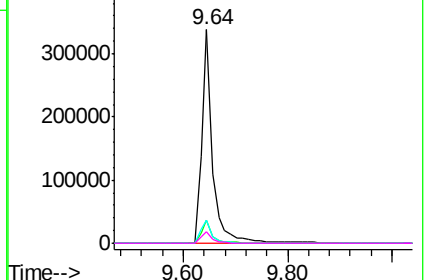
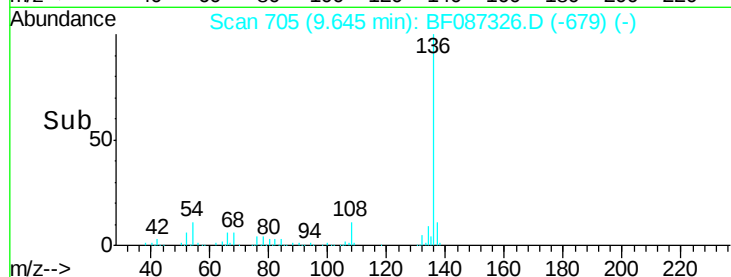


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.39 ng

RT: 8.57 min Scan# 611

Delta R.T. 0.03 min

Lab File: BF087326.D

Acq: 24 May 2016 6:11

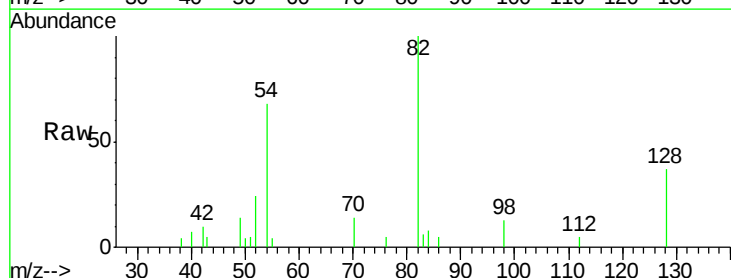
Tgt Ion: 82 Resp: 42507

Ion Ratio Lower Upper

82 100

128 36.6 40.6 61.0#

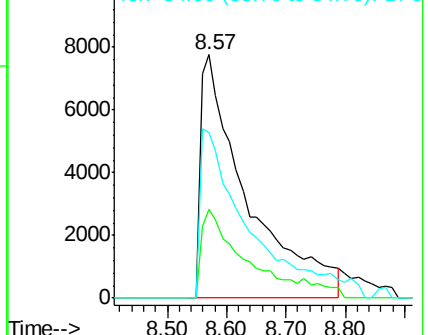
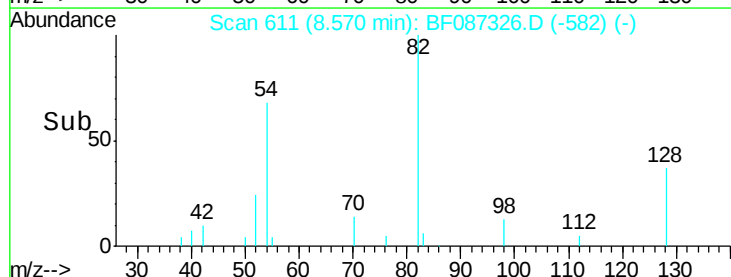
54 68.2 38.1 57.1#

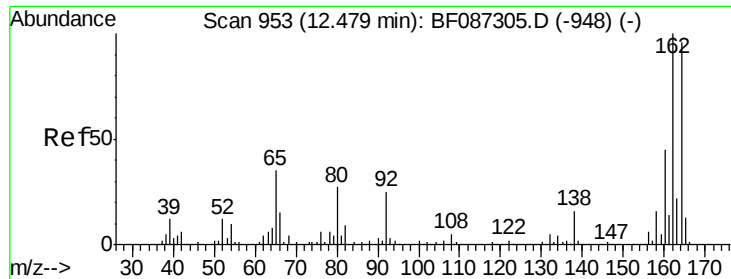


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

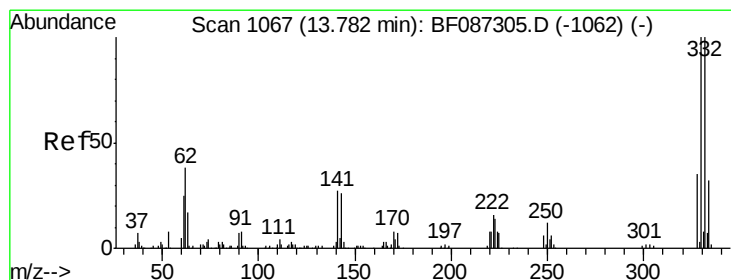
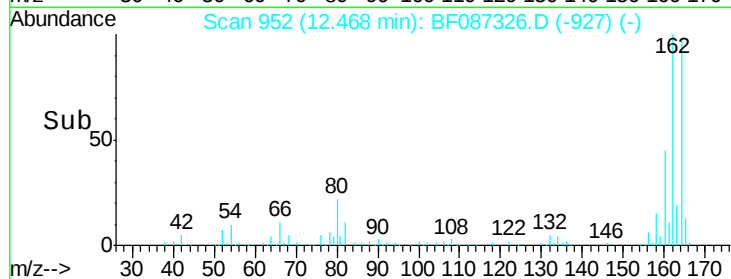
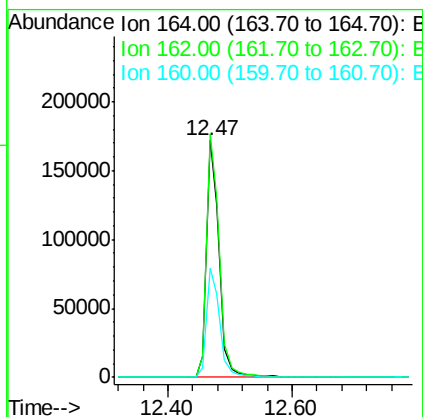
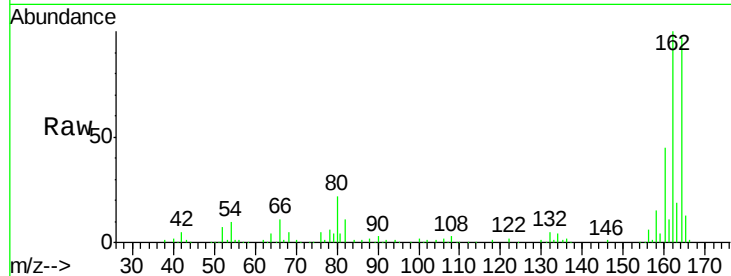




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087326.D
 Acq: 24 May 2016 6:11

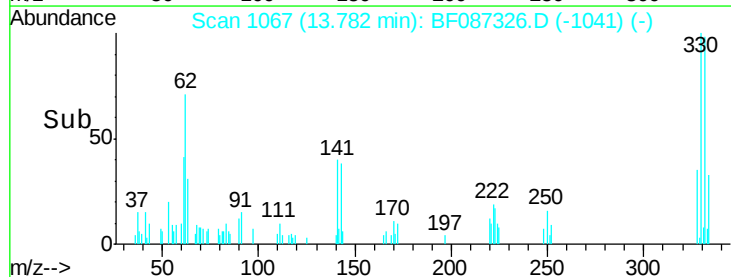
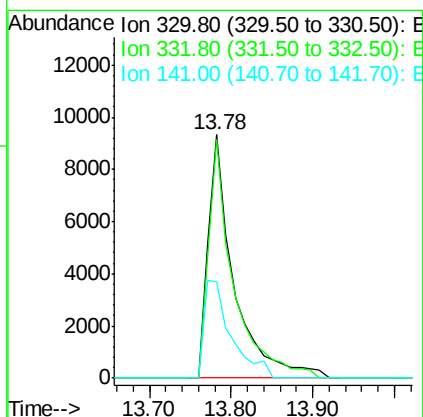
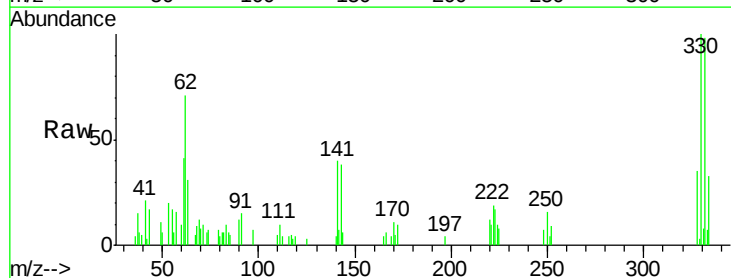
Instrument :
 BNA_F
 ClientSampleId :
 1605174350

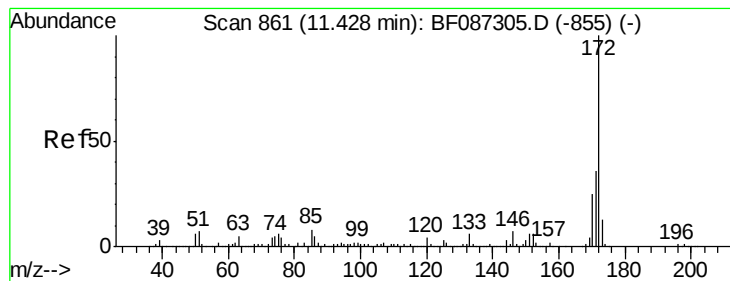
Tgt Ion:164 Resp: 241680
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.8 124.2
 160 46.0 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 8.90 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087326.D
 Acq: 24 May 2016 6:11

Tgt Ion:330 Resp: 20675
 Ion Ratio Lower Upper
 330 100
 332 95.3 79.0 118.4
 141 42.1 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 6.66 ng

RT: 11.43 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF087326.D

Acq: 24 May 2016 6:11

Instrument :

BNA_F

ClientSampleId :

1605174350

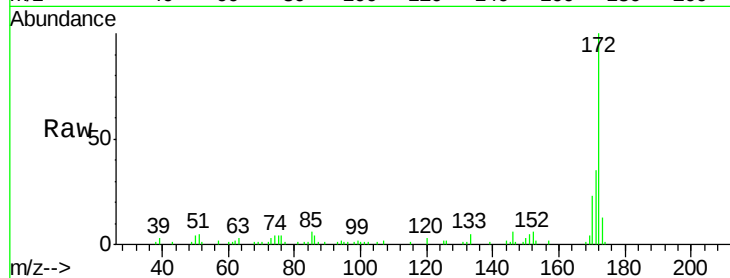
Tgt Ion:172 Resp: 114249

Ion Ratio Lower Upper

172 100

171 34.6 29.0 43.6

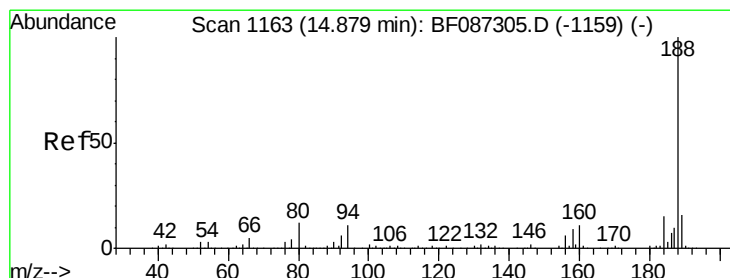
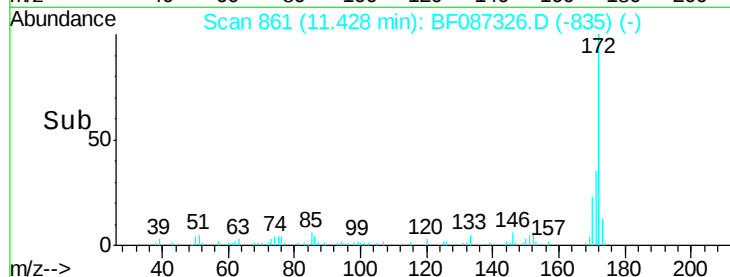
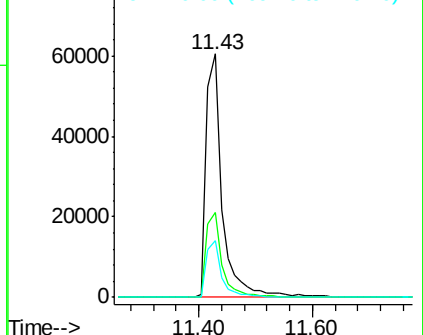
170 23.1 19.8 29.8



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: 14.88 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF087326.D

Acq: 24 May 2016 6:11

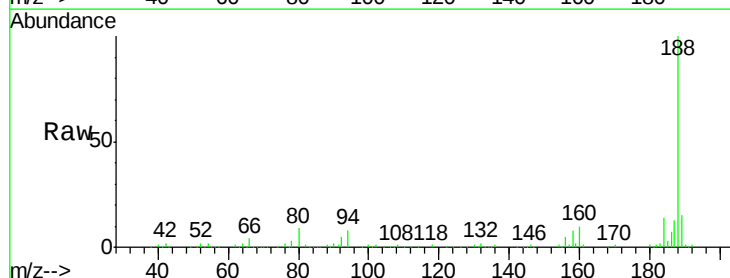
Tgt Ion:188 Resp: 467063

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

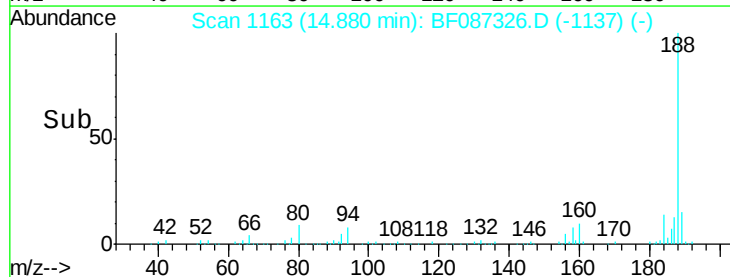
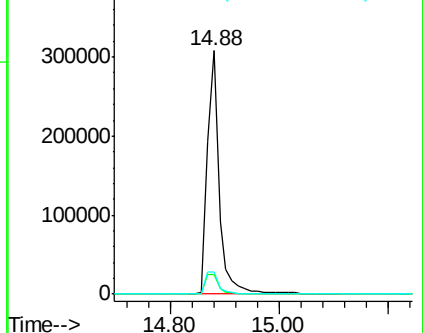
80 9.0 7.1 10.7

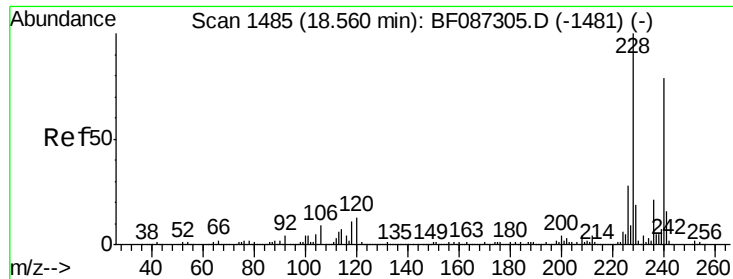


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087326.D

Acq: 24 May 2016 6:11

Instrument :

BNA_F

ClientSampleId :

1605174350

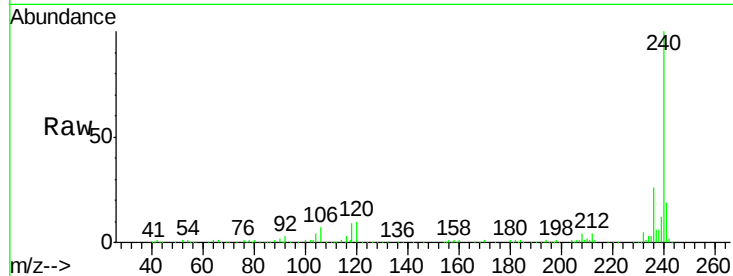
Tgt Ion:240 Resp: 366629

Ion Ratio Lower Upper

240 100

120 9.6 11.2 16.8#

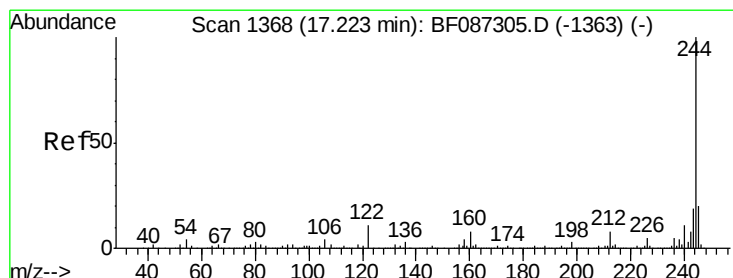
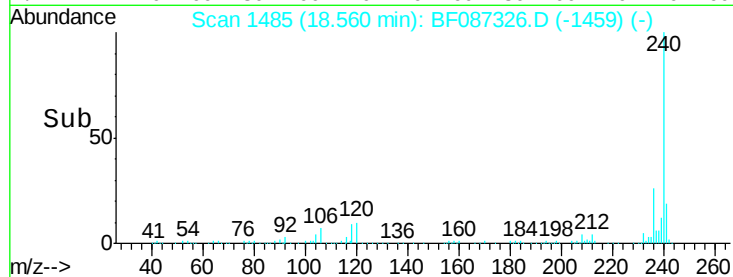
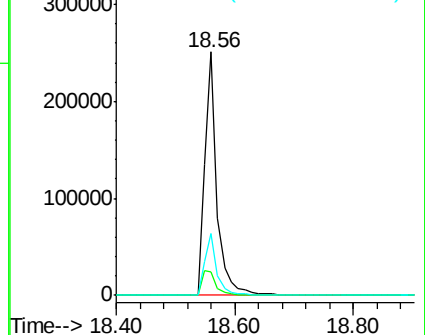
236 25.5 21.2 31.8



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: 6.89 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087326.D

Acq: 24 May 2016 6:11

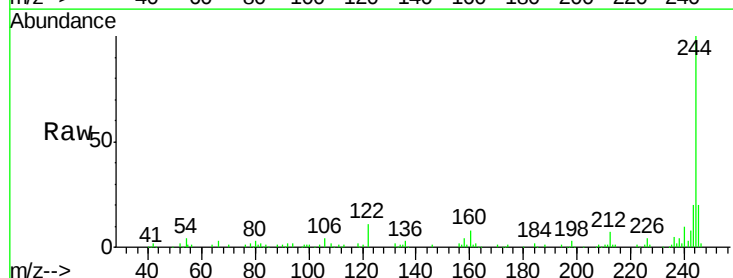
Tgt Ion:244 Resp: 118875

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

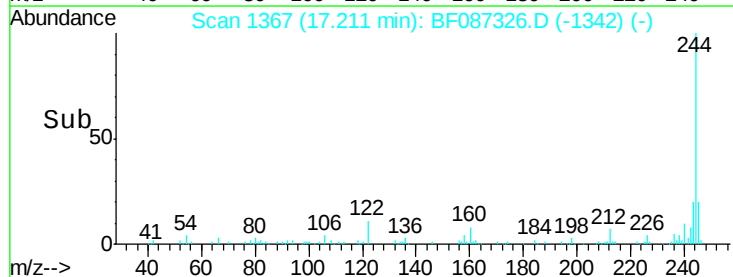
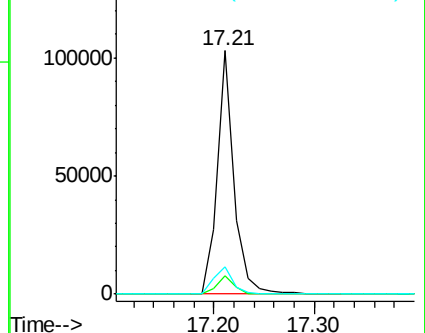
122 11.5 12.0 18.0#

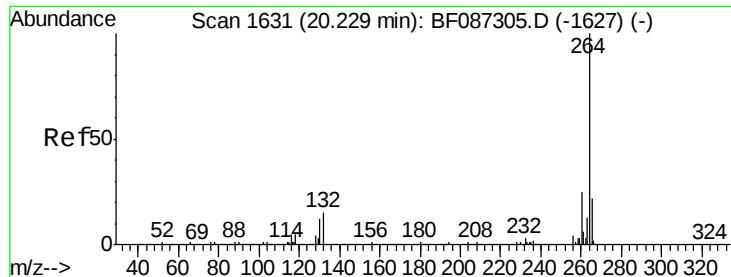


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

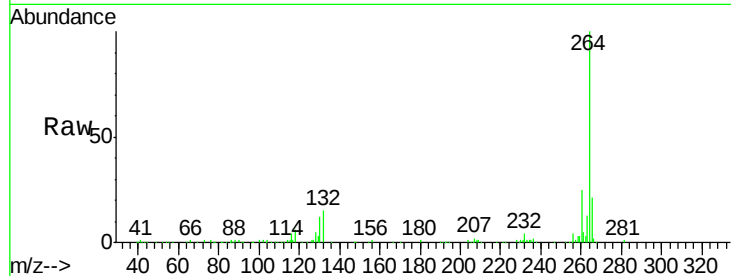




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.23 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BF087326.D
Acq: 24 May 2016 6:11

Instrument :
BNA_F
ClientSampleId :
1605174350

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.5	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

