

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 18:49:58 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

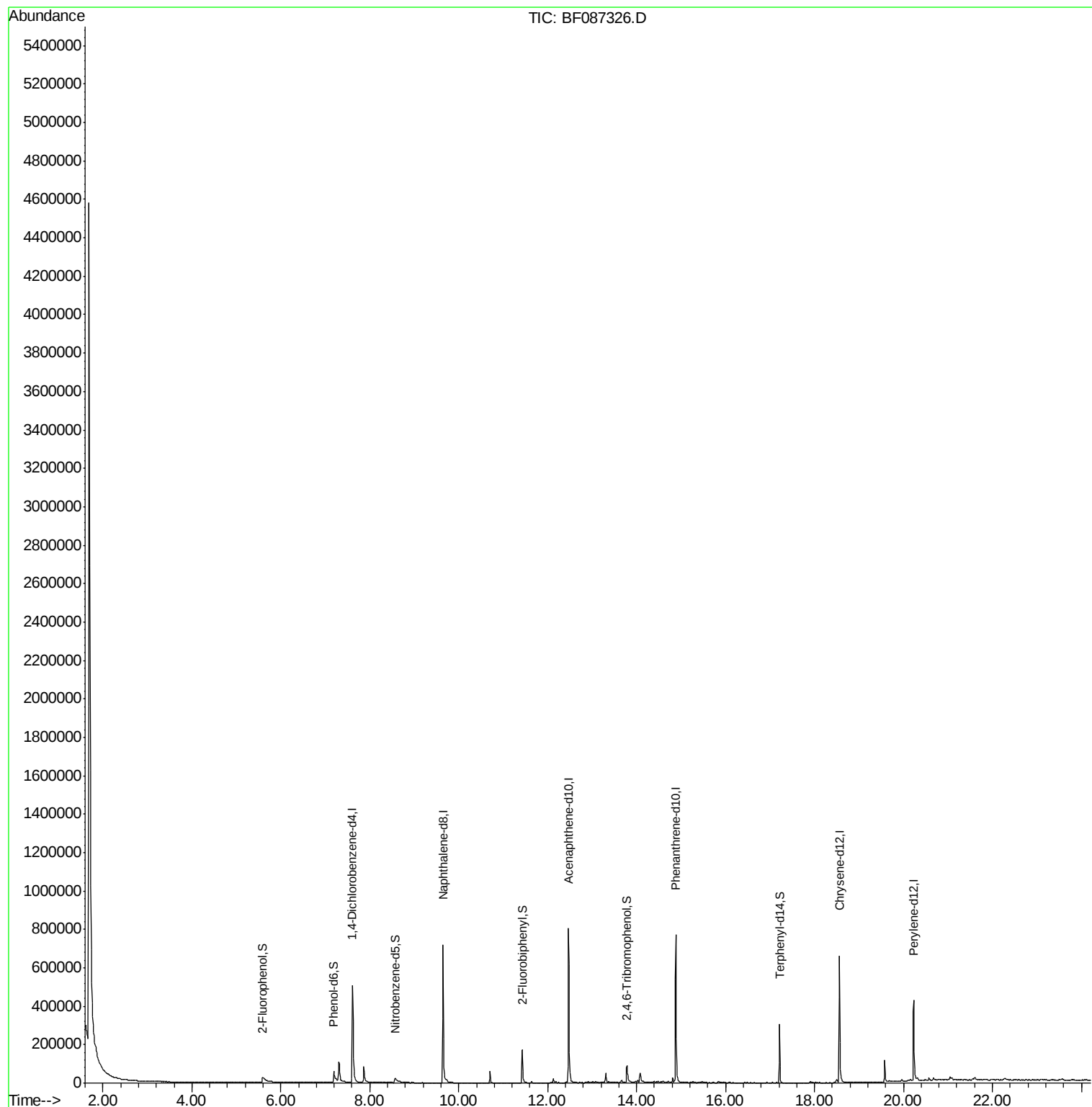
Target Compounds	Qvalue
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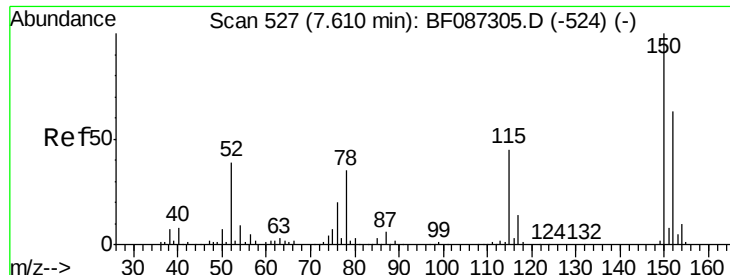
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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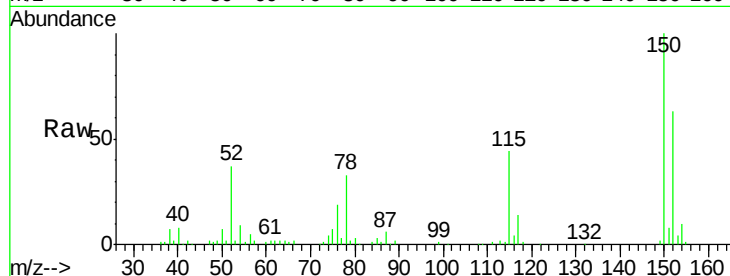


#1

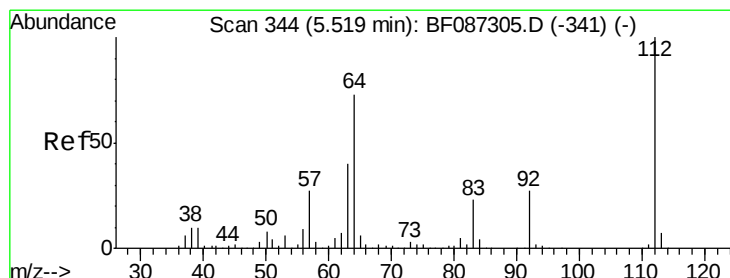
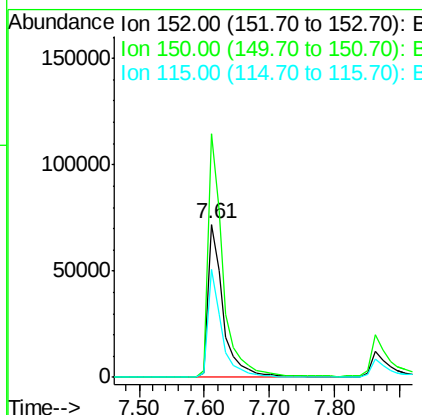
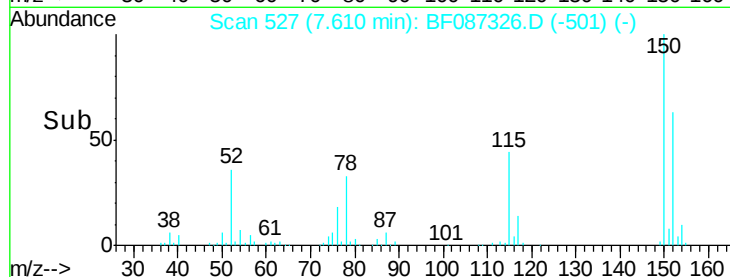
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087326.D
Acq: 24 May 2016 6:11

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



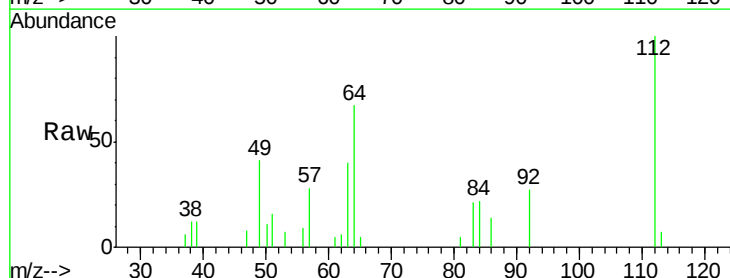
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



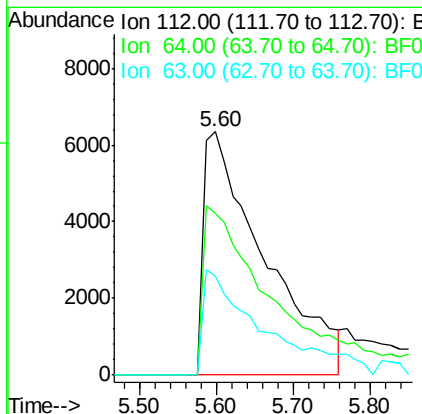
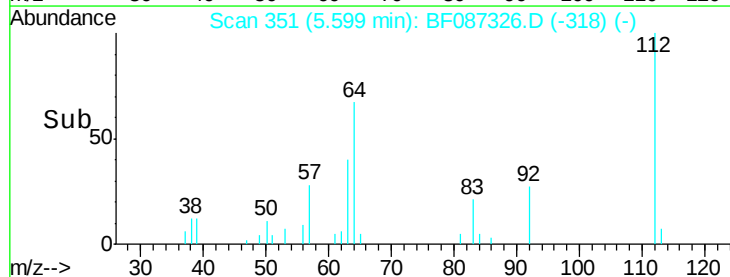
#5

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

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#



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: 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

Instrument :

BNA_F

ClientSampleId :

1605174350

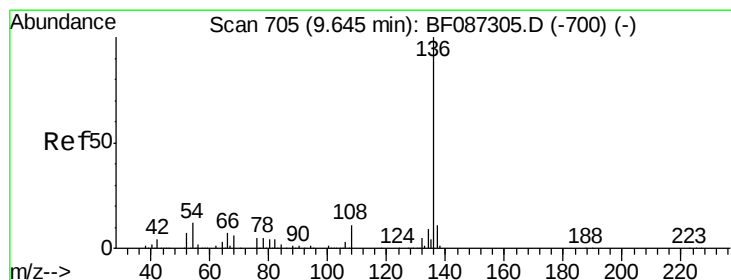
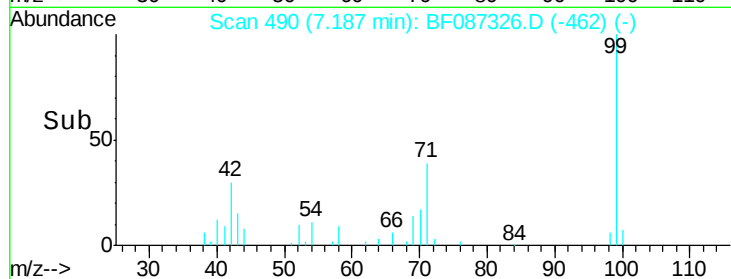
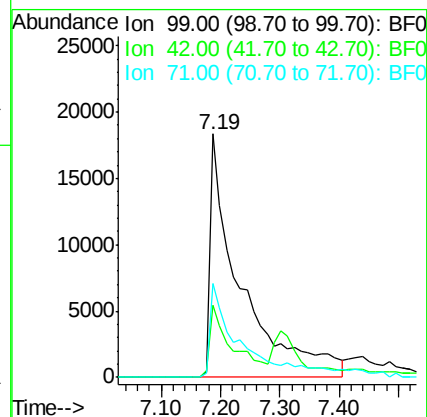
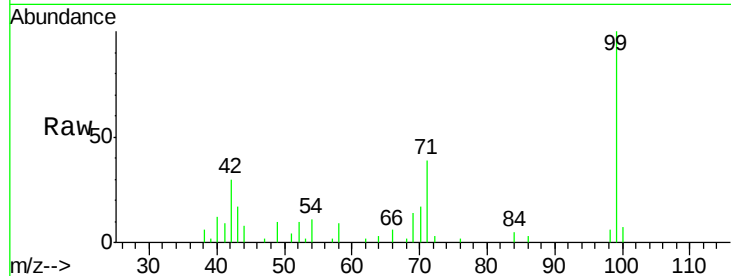
Tgt Ion: 99 Resp: 65457

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

Tgt Ion: 136 Resp: 487904

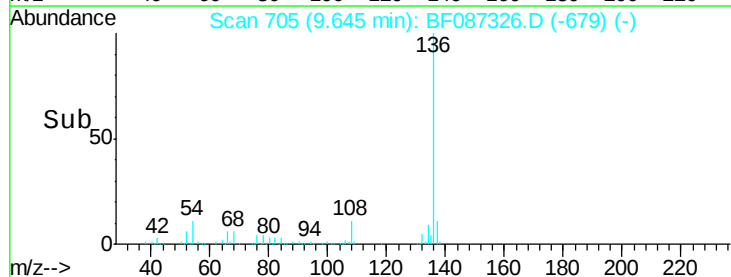
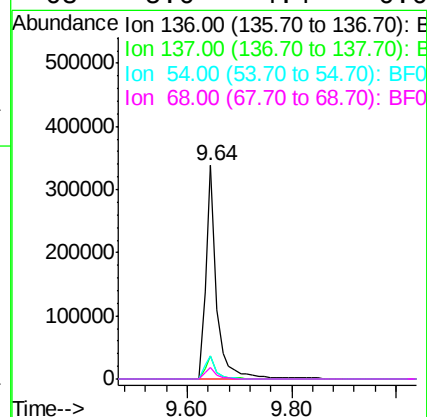
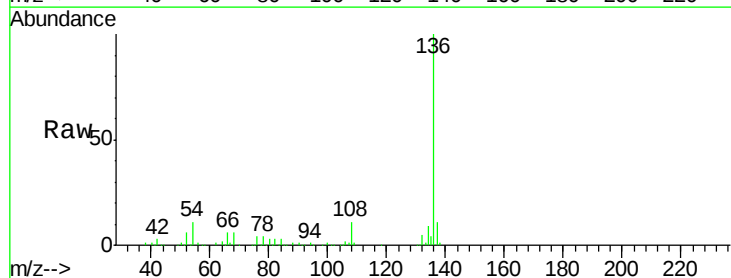
Ion Ratio Lower Upper

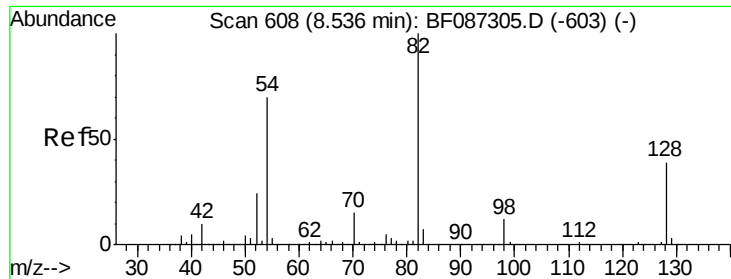
136 100

137 10.7 8.8 13.2

54 10.6 5.0 7.4#

68 5.6 4.4 6.6

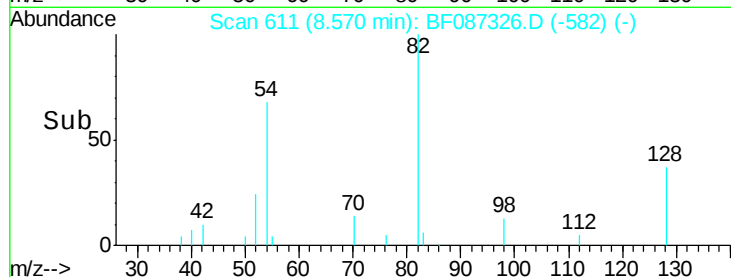
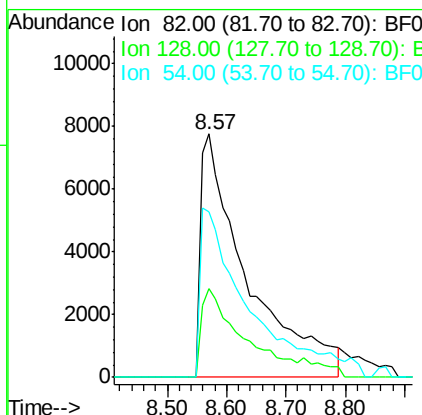
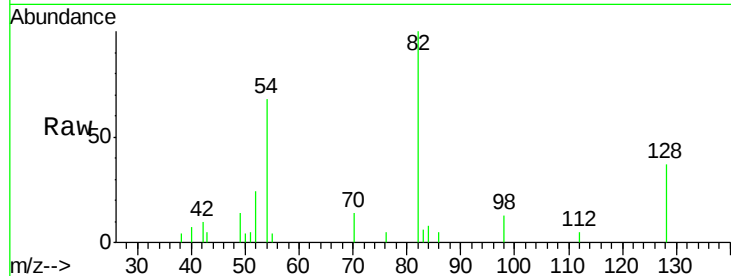




#23
 Nitrobenzene-d5
 Concen: 4.39 ng
 RT: 8.57 min Scan# 611
 Delta R.T. 0.03 min
 Lab File: BF087326.D
 Acq: 24 May 2016 6:11

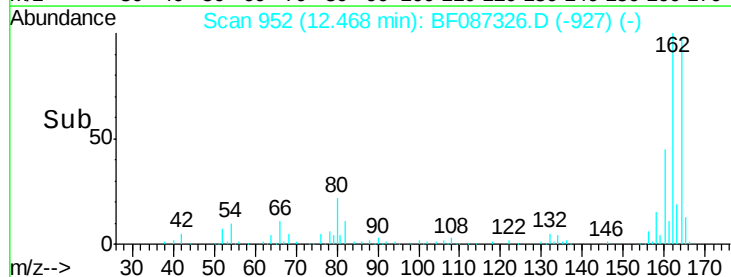
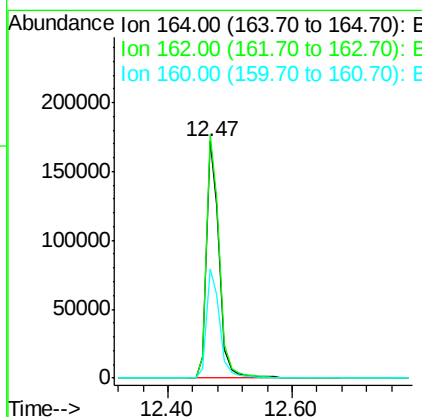
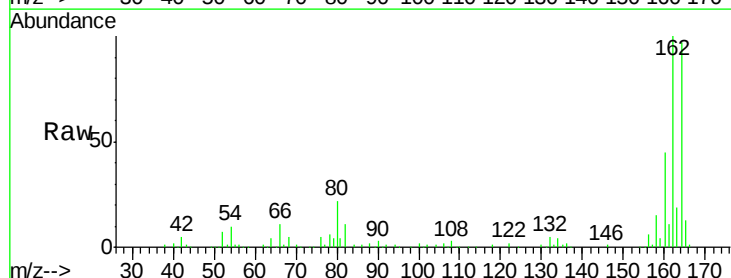
Instrument :
 BNA_F
 ClientSampleId :
 1605174350

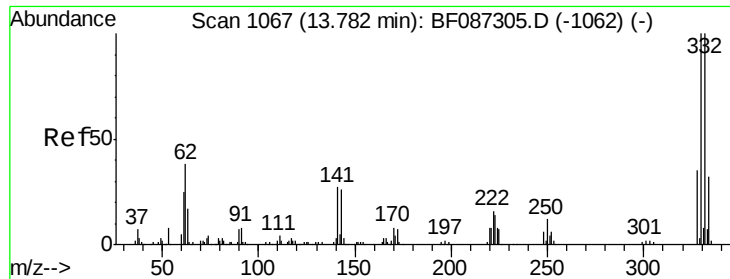
Tgt Ion: 82 Resp: 42507
 Ion Ratio Lower Upper
 82 100
 128 36.6 40.6 61.0#
 54 68.2 38.1 57.1#



#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

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

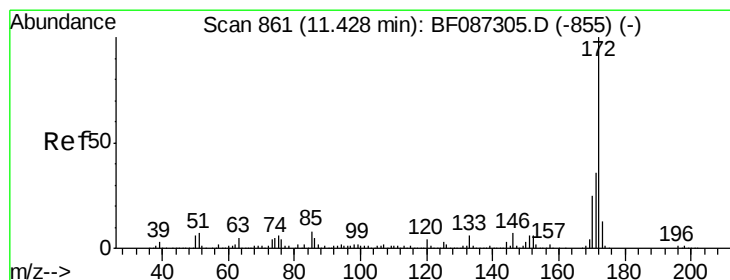
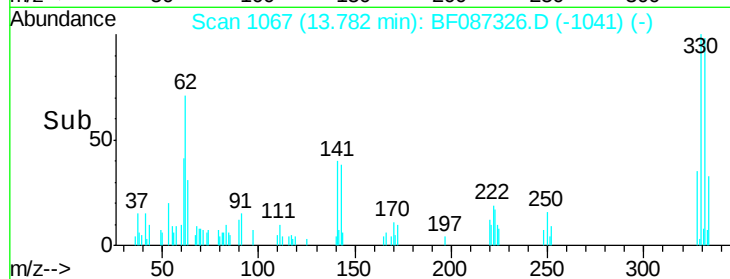
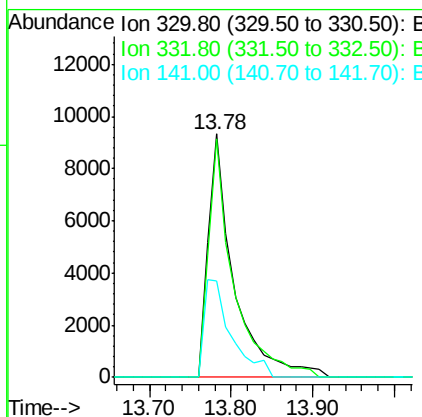
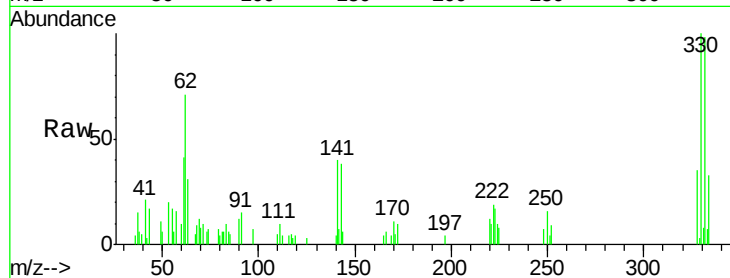




#41
 2,4,6-Tribromophenol
 Concen: 8.90 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087326.D
 Acq: 24 May 2016 6:11

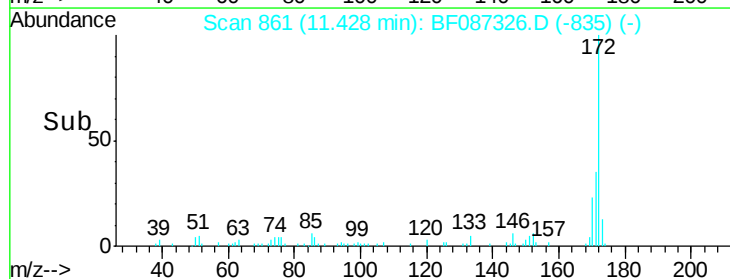
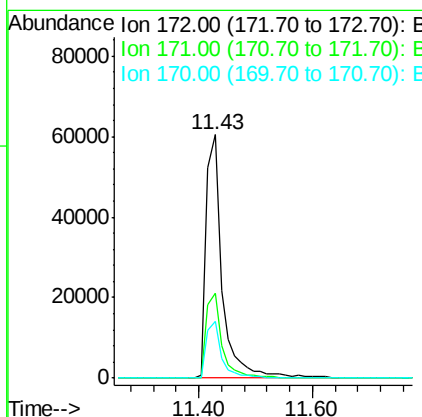
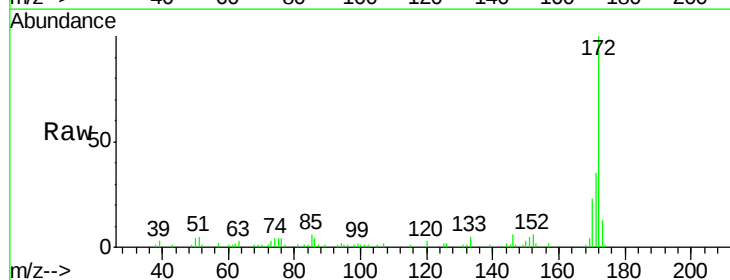
Instrument :
 BNA_F
 ClientSampleId :
 1605174350

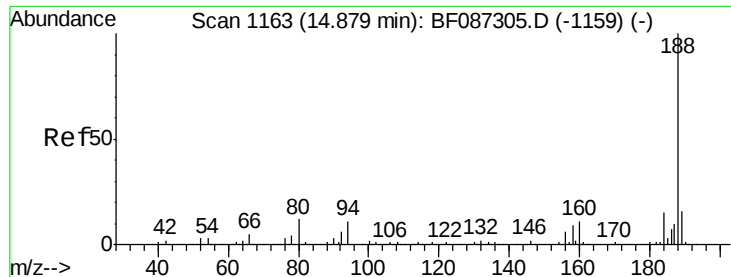
Tgt Ion:330 Resp: 20675
 Ion Ratio Lower Upper
 330 100
 332 95.3 79.0 118.4
 141 42.1 31.2 46.8



#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

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

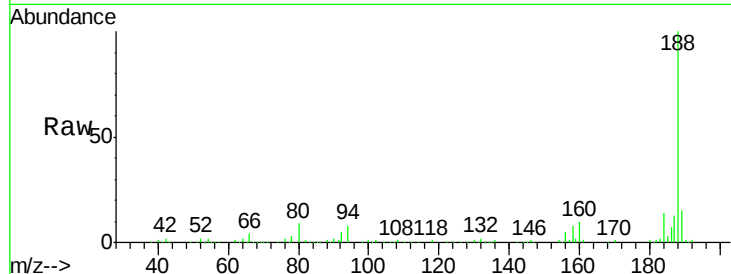




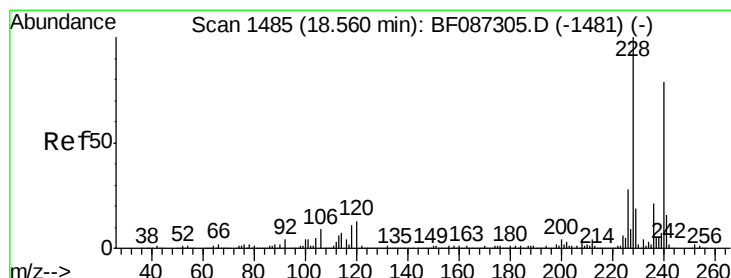
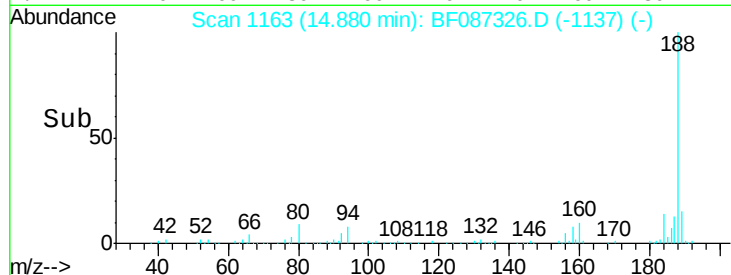
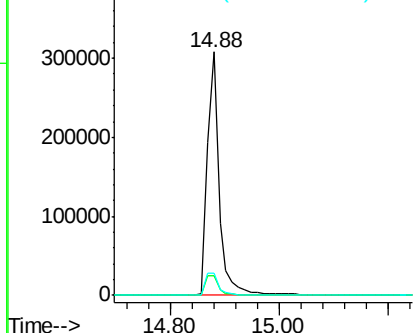
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087326.D
Acq: 24 May 2016 6:11

Instrument :
BNA_F
ClientSampleId :
1605174350

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

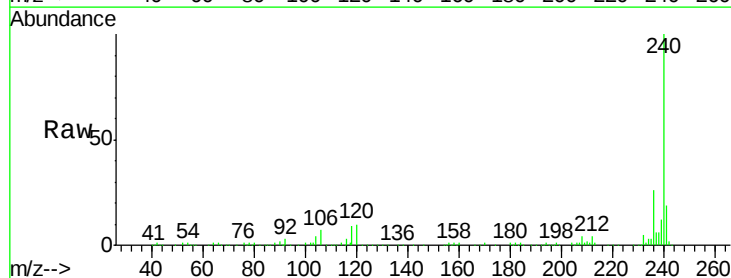


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

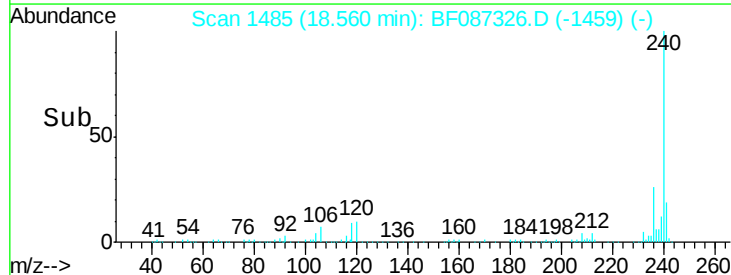
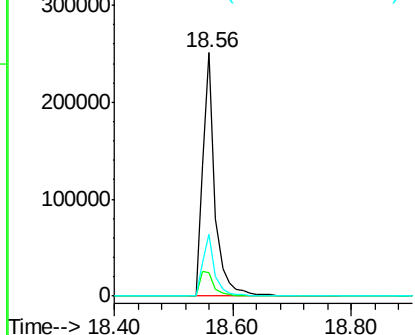


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.56 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF087326.D
Acq: 24 May 2016 6:11

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

Instrument :

BNA_F

ClientSampleId :

1605174350

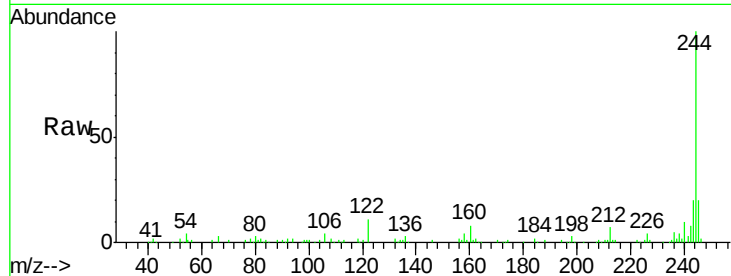
Tgt Ion:244 Resp: 118875

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

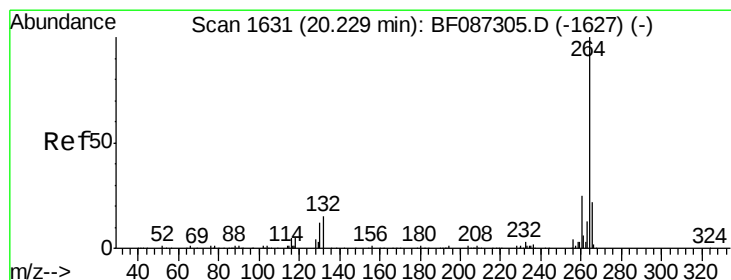
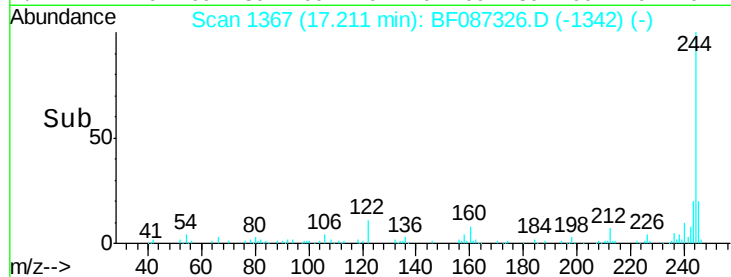
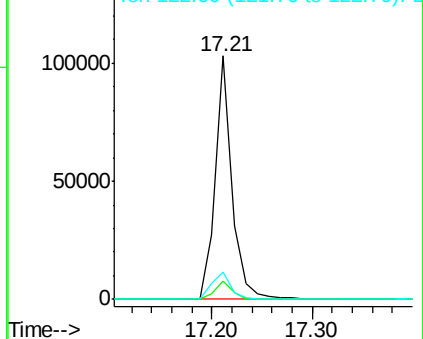
122 11.5 12.0 18.0#



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

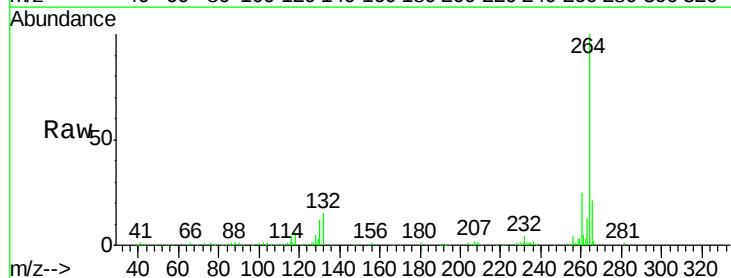
Tgt Ion:264 Resp: 267063

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

