

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089342.D
 Acq On : 28 Jul 2016 3:05
 Operator : UM/SJ
 Sample : H4176-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Quant Time: Jul 28 07:16:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

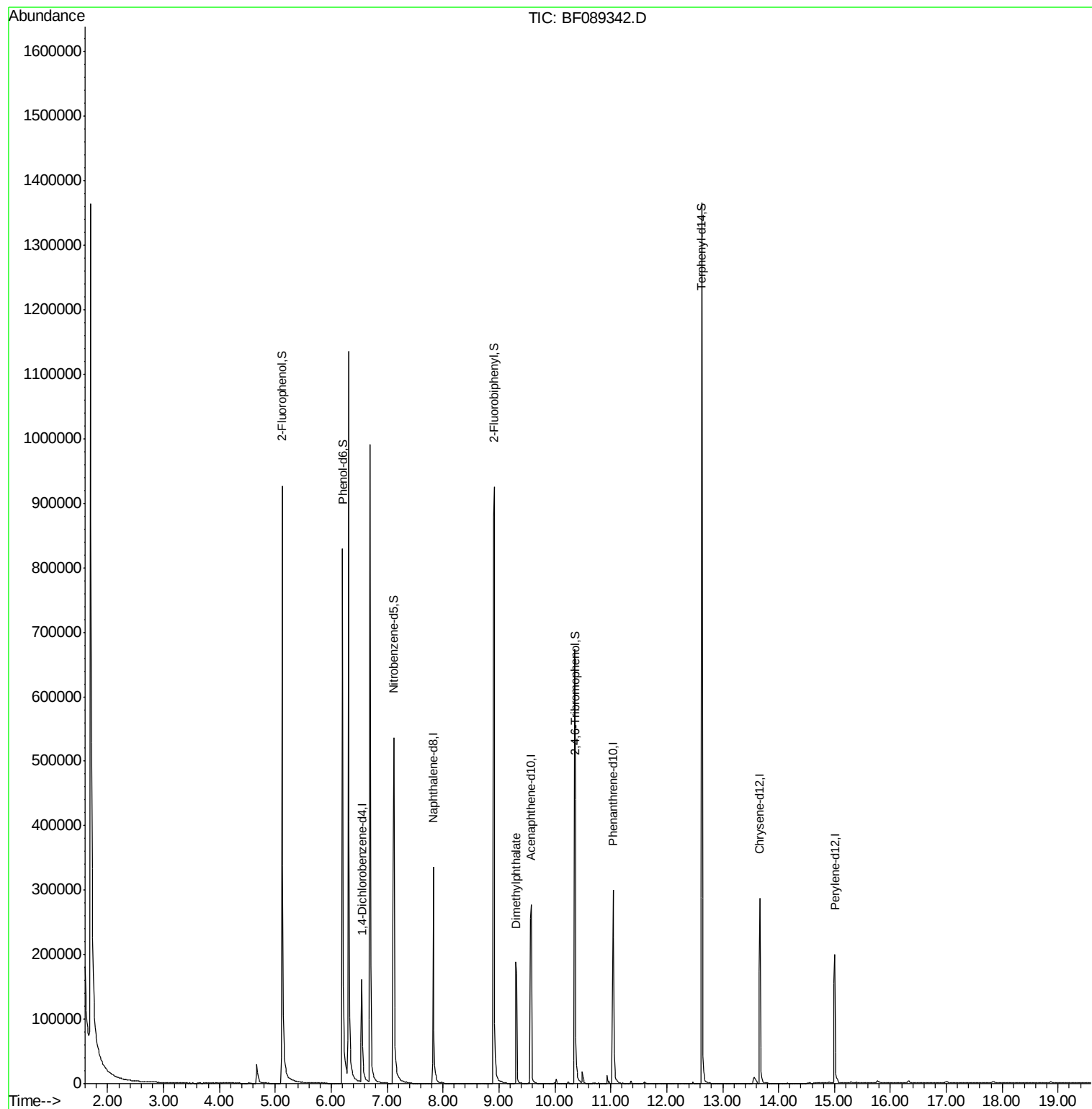
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	42453	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	194954	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	88425	20.00	ng	0.00
63) Phenanthrene-d10	11.04	188	177941	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	142634	20.00	ng	0.00
86) Perylene-d12	15.01	264	113170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	336852	126.70	ng	0.01
7) Phenol-d6	6.20	99	491042	139.75	ng	0.00
23) Nitrobenzene-d5	7.12	82	300687	91.04	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	99702	136.14	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	512709	85.09	ng	0.00
78) Terphenyl-d14	12.63	244	446468	73.26	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.31	163	127318	18.92	ng	Qvalue 100

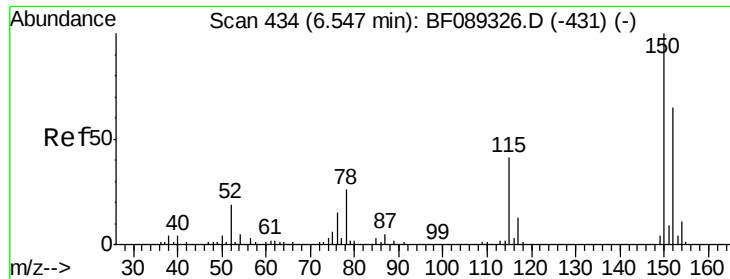
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

Instrument :

BNA_F

ClientSampleId :

DUP-01

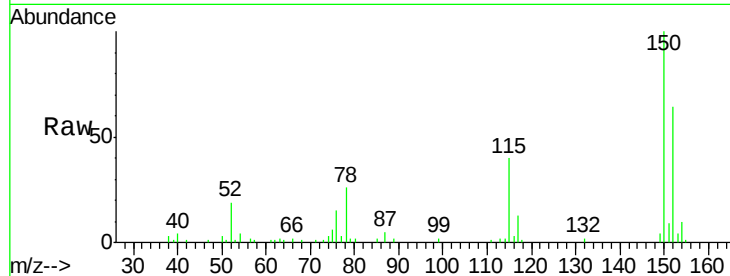
Tgt Ion:152 Resp: 42453

Ion Ratio Lower Upper

152 100

150 156.1 129.5 194.3

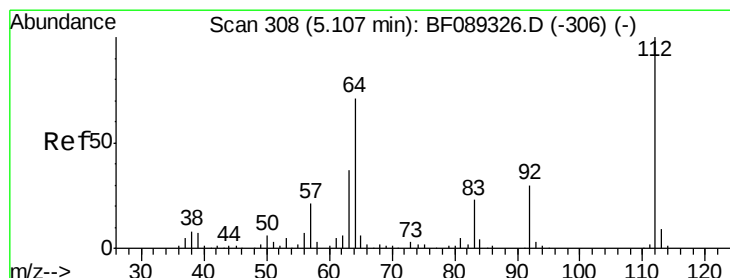
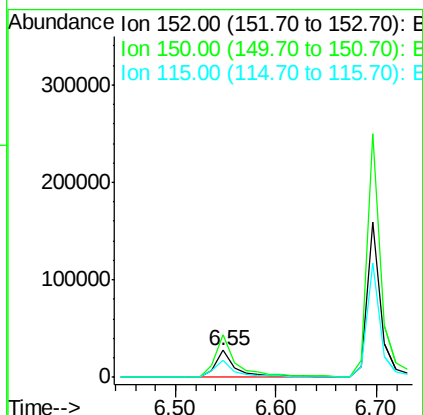
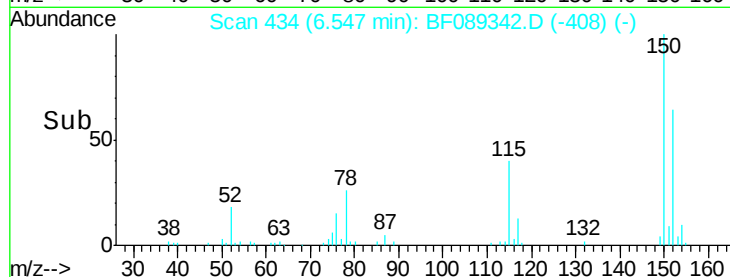
115 62.7 51.4 77.2



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: 126.70 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.01 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

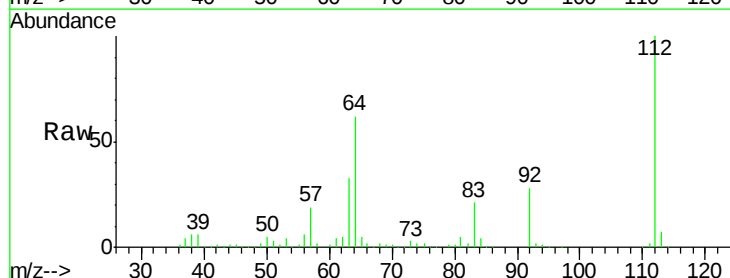
Tgt Ion:112 Resp: 336852

Ion Ratio Lower Upper

112 100

64 62.1 55.0 82.6

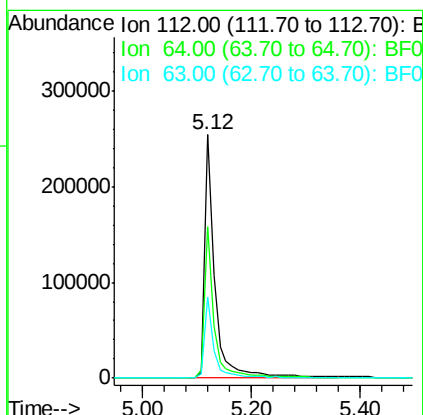
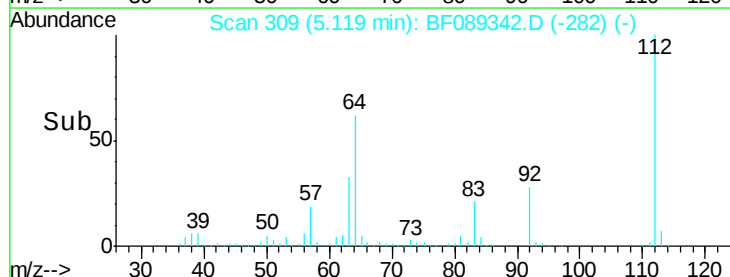
63 33.2 29.4 44.2



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: 139.75 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

Instrument :

BNA_F

ClientSampleId :

DUP-01

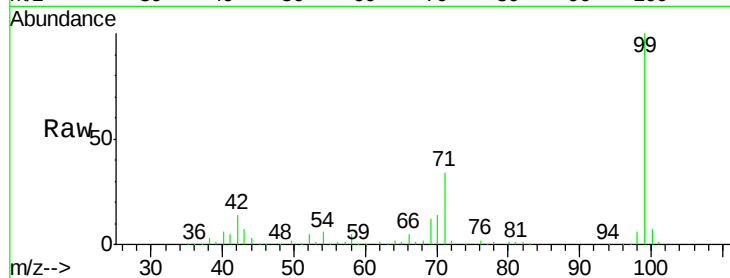
Tgt Ion: 99 Resp: 491042

Ion Ratio Lower Upper

99 100

42 14.4 13.6 20.4

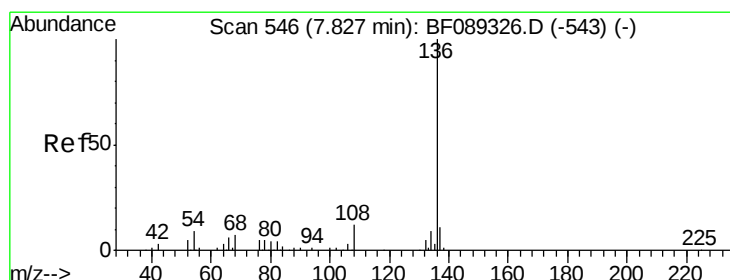
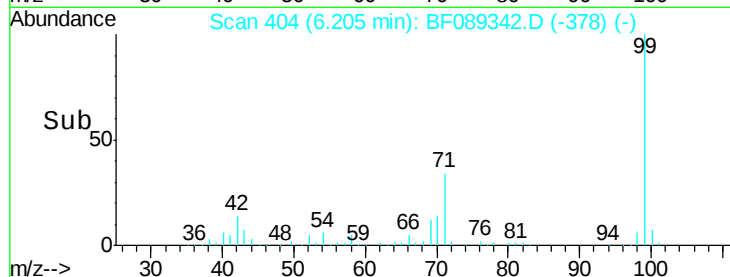
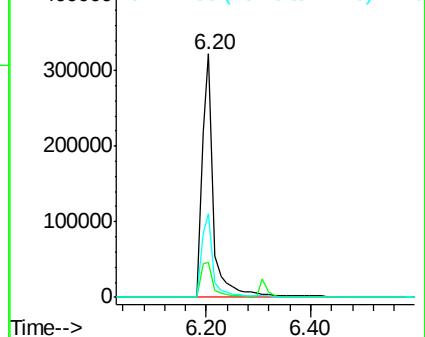
71 34.2 29.4 44.2



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: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

Tgt Ion: 136 Resp: 194954

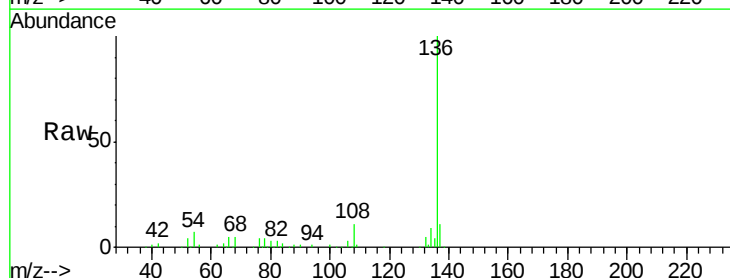
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.1 7.0 10.4

68 5.4 4.9 7.3

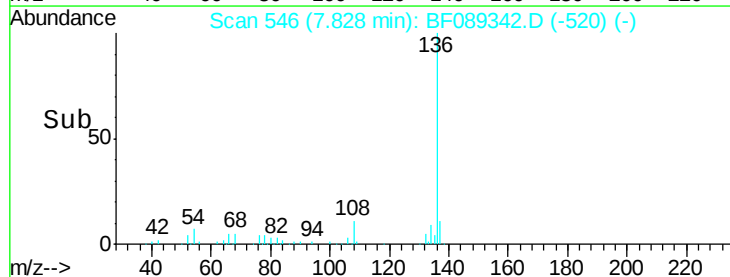
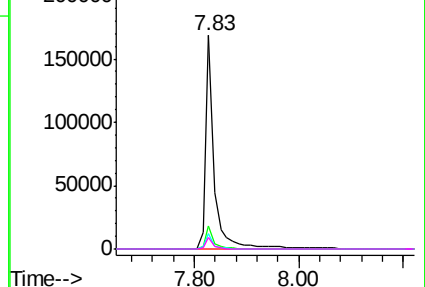


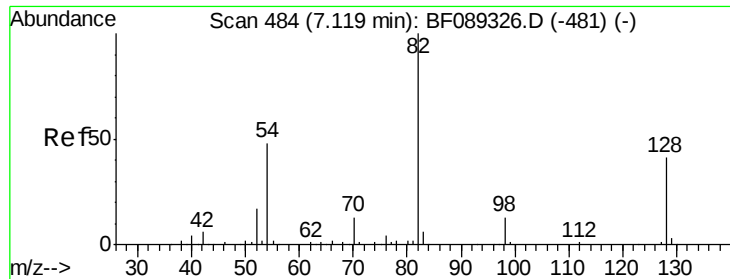
Abundance Ion 136.00 (135.70 to 136.70): E

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

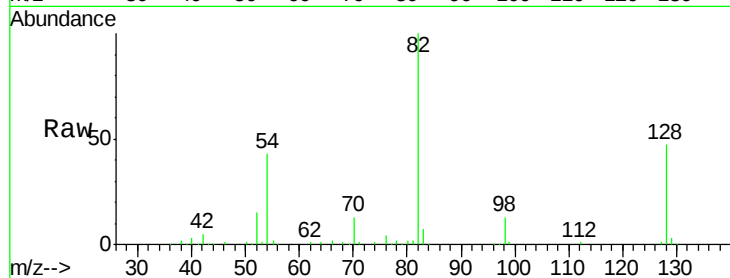




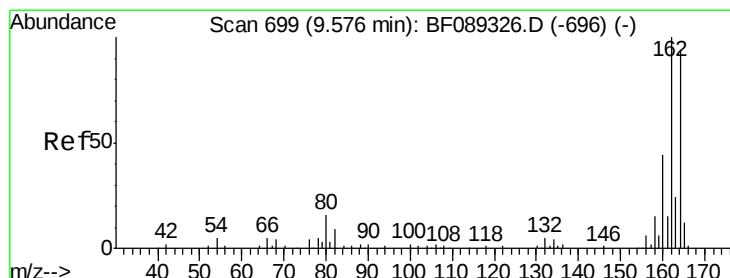
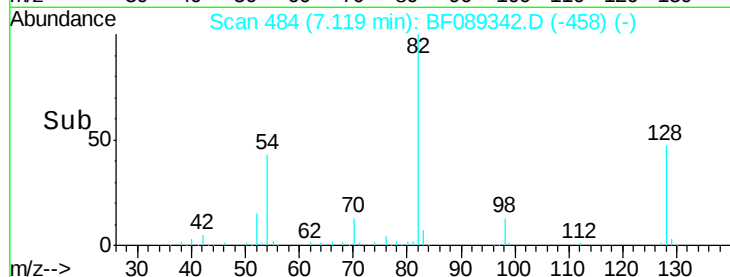
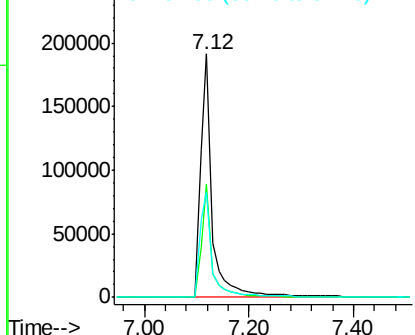
#23
 Nitrobenzene-d5
 Concen: 91.04 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089342.D
 Acq: 28 Jul 2016 3:05

Instrument :
 BNA_F
 ClientSampled :
 DUP-01

Tgt Ion: 82 Resp: 300687
 Ion Ratio Lower Upper
 82 100
 128 46.6 32.5 48.7
 54 43.3 38.8 58.2

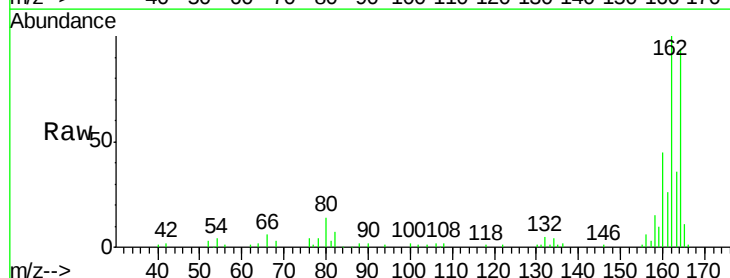


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

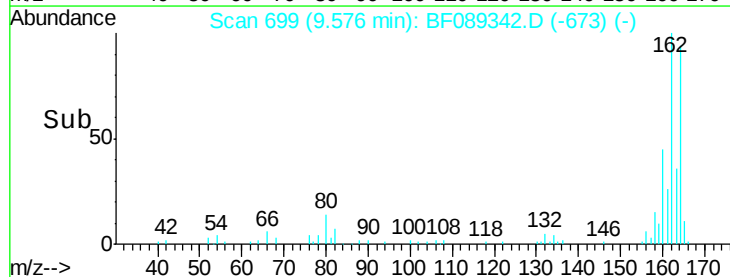
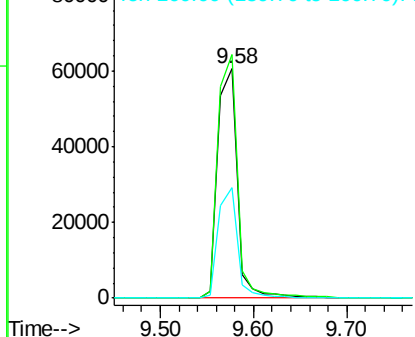


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF089342.D
 Acq: 28 Jul 2016 3:05

Tgt Ion: 164 Resp: 88425
 Ion Ratio Lower Upper
 164 100
 162 106.3 83.7 125.5
 160 48.3 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

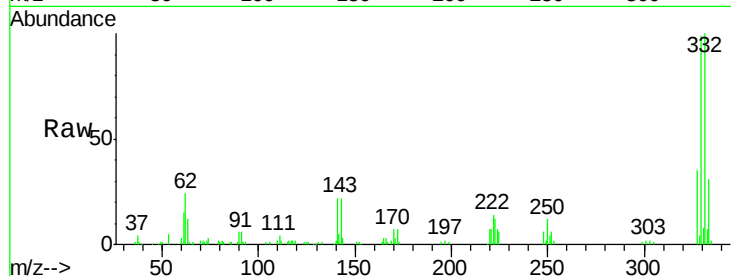




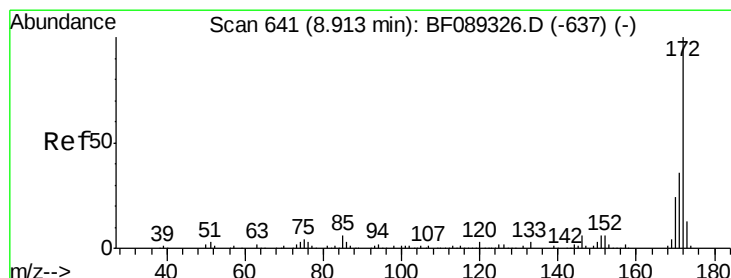
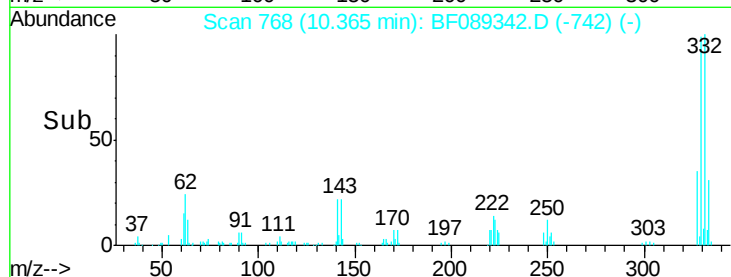
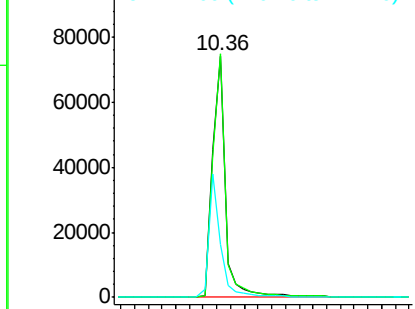
#41
 2,4,6-Tribromophenol
 Concen: 136.14 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089342.D
 Acq: 28 Jul 2016 3:05

Instrument :
 BNA_F
 ClientSampled :
 DUP-01

Tgt Ion:330 Resp: 99702
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.8 115.2
 141 45.6 37.3 55.9

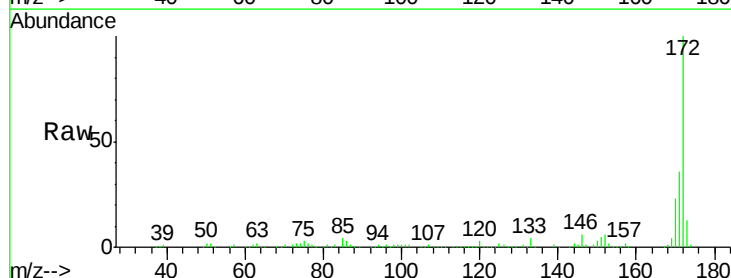


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

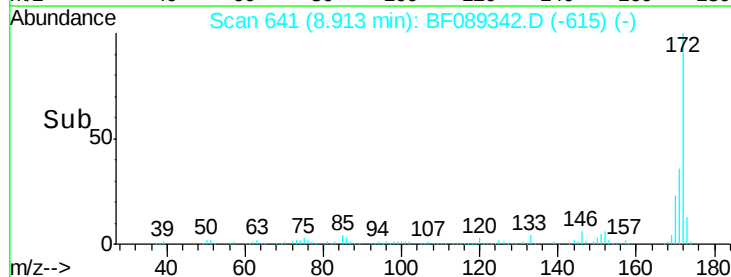
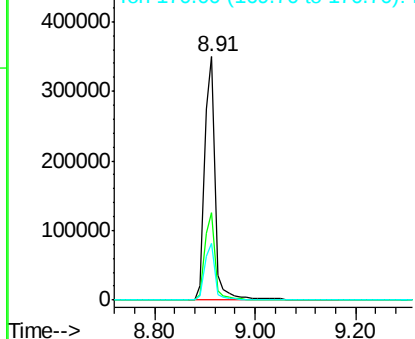


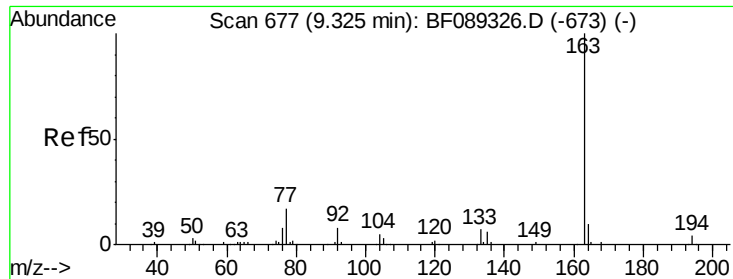
#44
 2-Fluorobiphenyl
 Concen: 85.09 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089342.D
 Acq: 28 Jul 2016 3:05

Tgt Ion:172 Resp: 512709
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.1 19.2 28.8



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

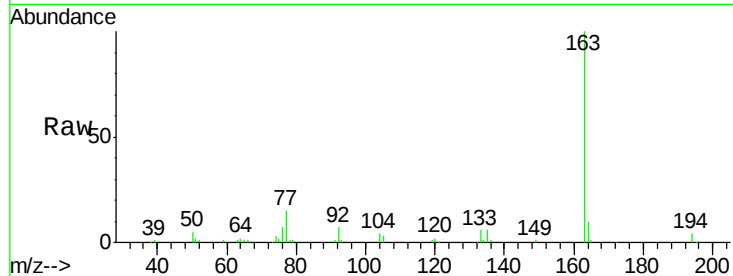




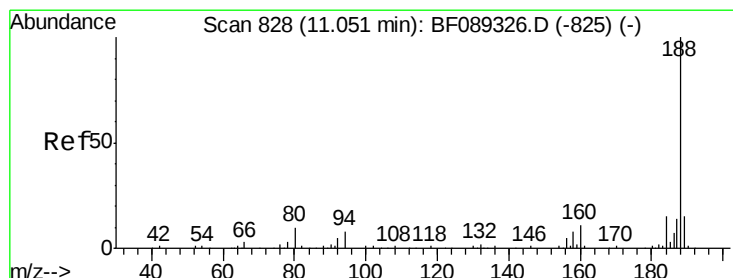
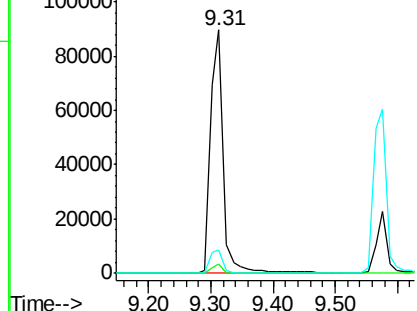
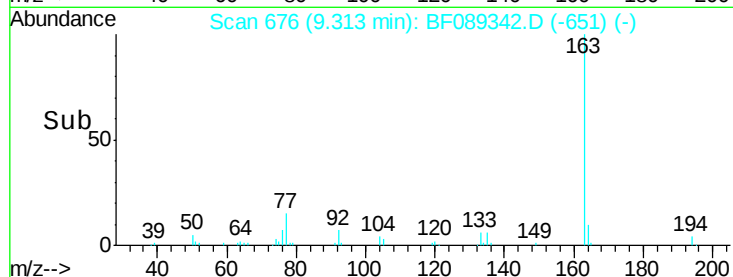
#49
Dimethylphthalate
Concen: 18.92 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF089342.D
Acq: 28 Jul 2016 3:05

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:163 Resp: 127318
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.7 7.8 11.8

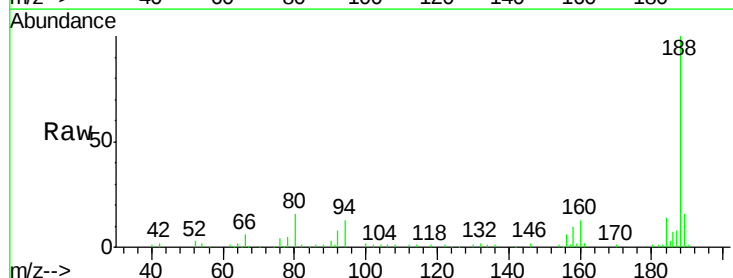


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

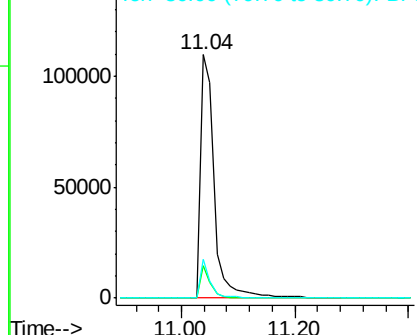
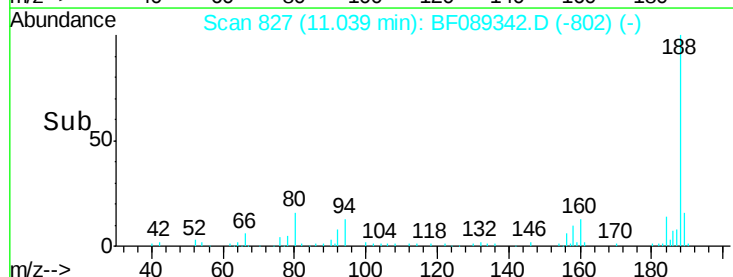


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF089342.D
Acq: 28 Jul 2016 3:05

Tgt Ion:188 Resp: 177941
Ion Ratio Lower Upper
188 100
94 13.3 6.5 9.7#
80 15.9 7.2 10.8#



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: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

Instrument :

BNA_F

ClientSampleId :

DUP-01

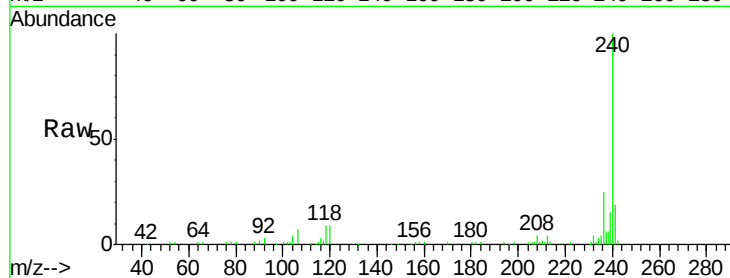
Tgt Ion:240 Resp: 142634

Ion Ratio Lower Upper

240 100

120 9.2 9.1 13.7

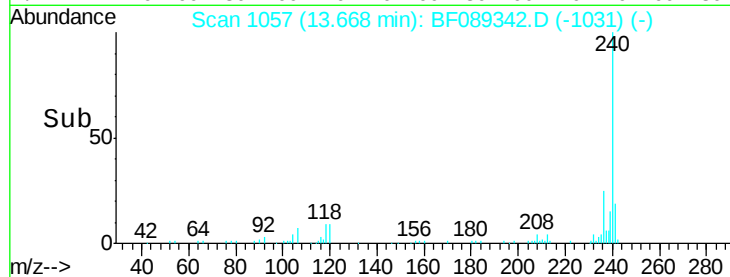
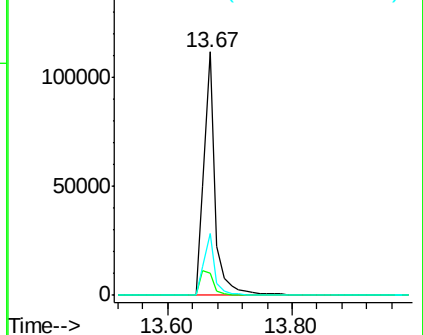
236 25.2 20.6 30.8



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: 73.26 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

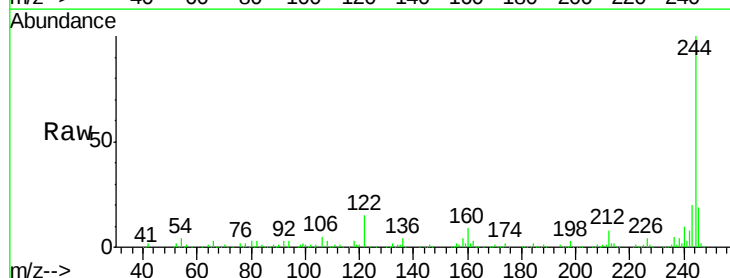
Tgt Ion:244 Resp: 446468

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

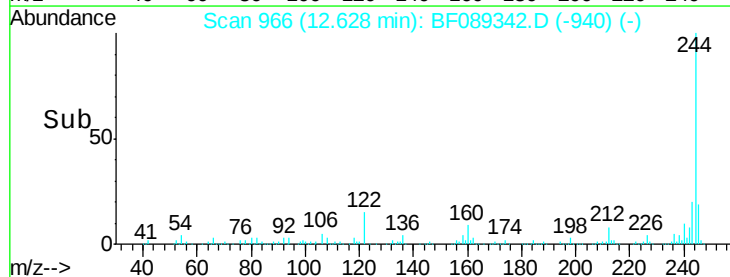
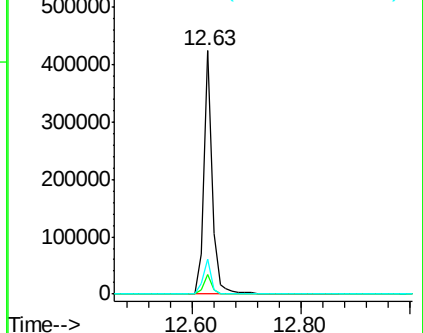
122 14.6 11.4 17.0

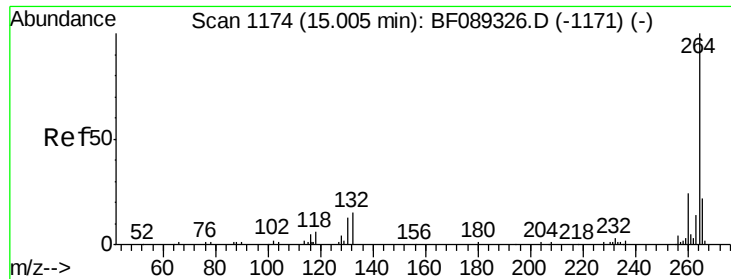


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089342.D
Acq: 28 Jul 2016 3:05

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion: 264 Resp: 113170
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 21.4 17.5 26.3

