

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089586.D
 Acq On : 4 Aug 2016 12:23
 Operator : UM/SJ
 Sample : H4321-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-PAH

Quant Time: Aug 04 16:58:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 08:40:24 2016
 Response via : Initial Calibration

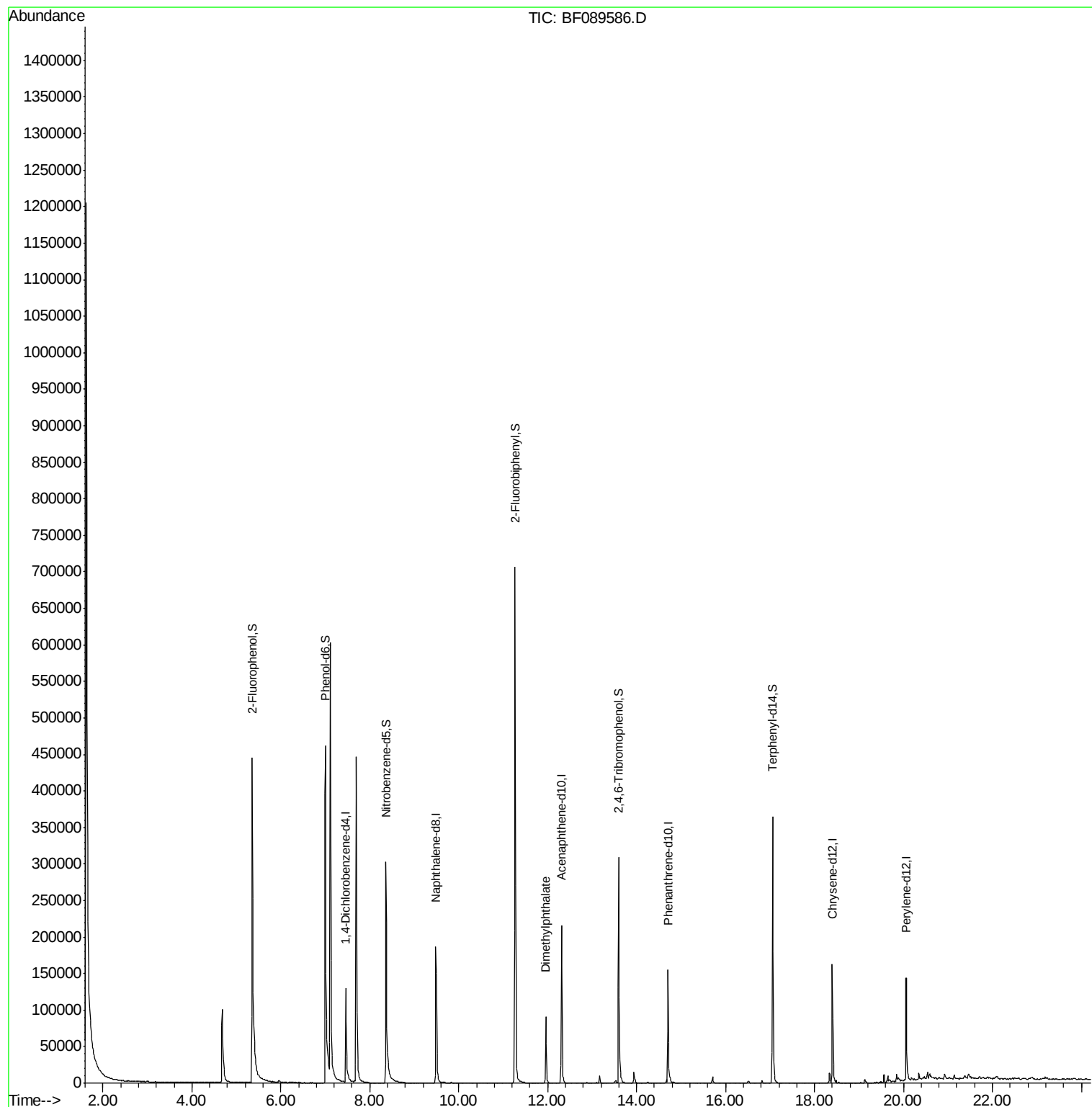
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	40069	20.00	ng	-0.01
21) Naphthalene-d8	9.48	136	162560	20.00	ng	-0.01
38) Acenaphthene-d10	12.31	164	68286	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	101533	20.00	ng	-0.01
75) Chrysene-d12	18.40	240	82160	20.00	ng	-0.01
86) Perylene-d12	20.07	264	88274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	258244	108.50	ng	0.01
7) Phenol-d6	7.00	99	357066	110.76	ng	0.00
23) Nitrobenzene-d5	8.36	82	208249	70.87	ng	-0.01
41) 2,4,6-Tribromophenol	13.60	330	47396	87.38	ng	-0.01
44) 2-Fluorobiphenyl	11.27	172	317045	60.30	ng	-0.01
78) Terphenyl-d14	17.06	244	154200	37.66	ng	-0.01
Target Compounds						
49) Dimethylphthalate	11.95	163	58169	11.12	ng	Qvalue 100

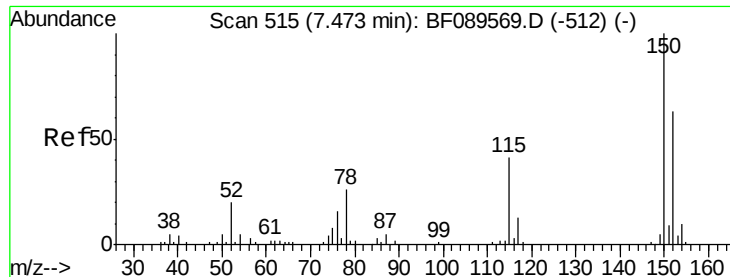
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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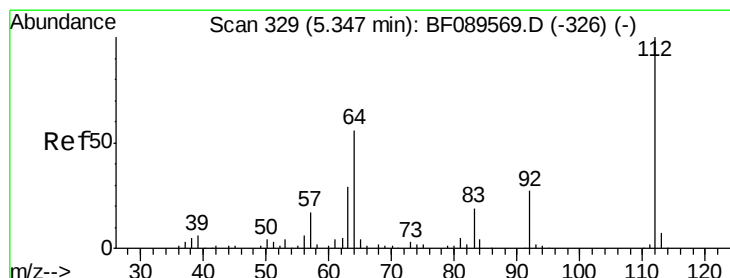
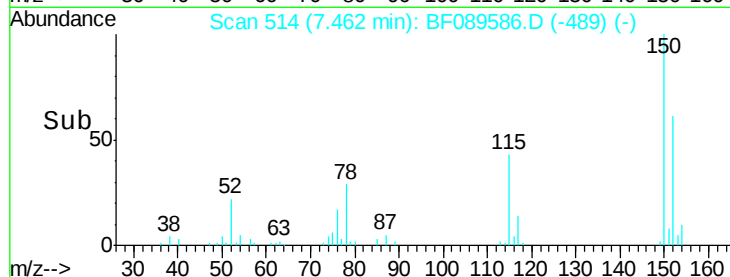
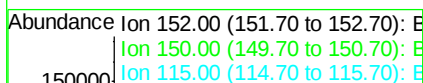
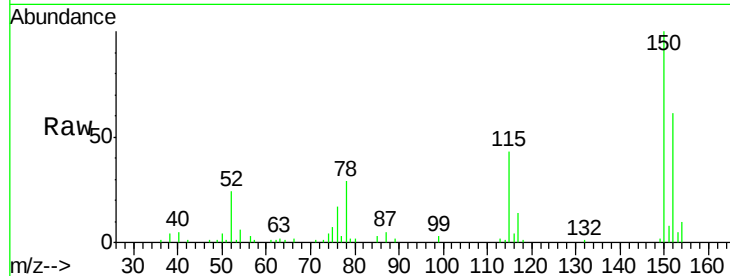


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF089586.D
Acq: 4 Aug 2016 12:23

Instrument :
BNA_F
ClientSampleId :
3-PAH

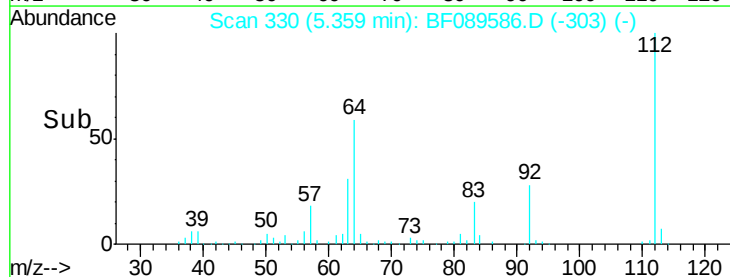
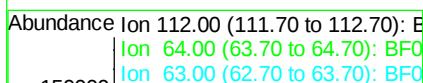
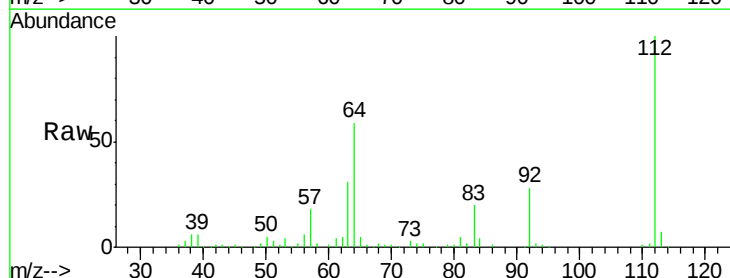
Tot Ion:152 Resp: 40069
Ion Ratio Lower Upper
152 100
150 163.5 127.4 191.2
115 71.1 51.8 77.8

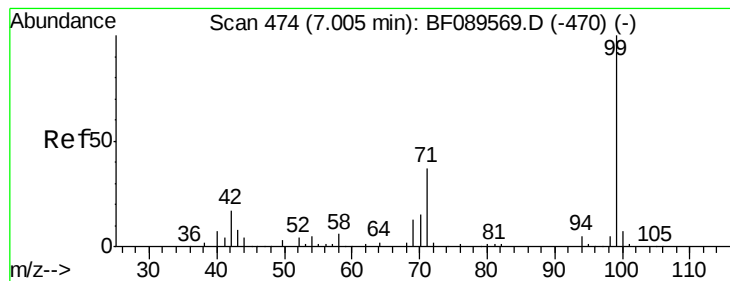


#5

2-Fluorophenol
Concen: 108.50 ng
RT: 5.36 min Scan# 330
Delta R.T. 0.01 min
Lab File: BF089586.D
Acq: 4 Aug 2016 12:23

Tgt Ion:112 Resp: 258244
Ion Ratio Lower Upper
112 100
64 58.9 45.2 67.8
63 31.3 23.1 34.7





#7

Phenol-d6

Concen: 110.76 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089586.D

Acq: 4 Aug 2016 12:23

Instrument :

BNA_F

ClientSampleId :

3-PAH

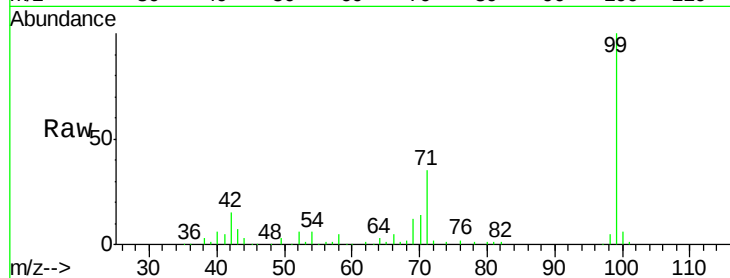
Tot Ion: 99 Resp: 357066

Ion Ratio Lower Upper

99 100

42 15.4 13.9 20.9

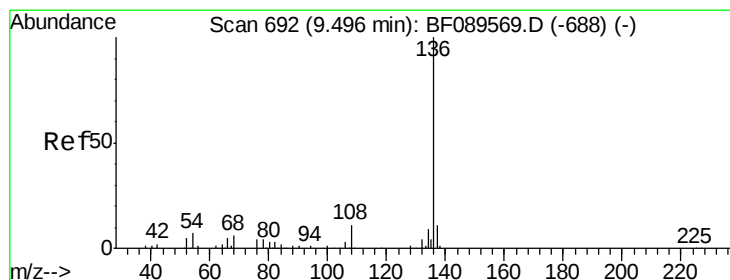
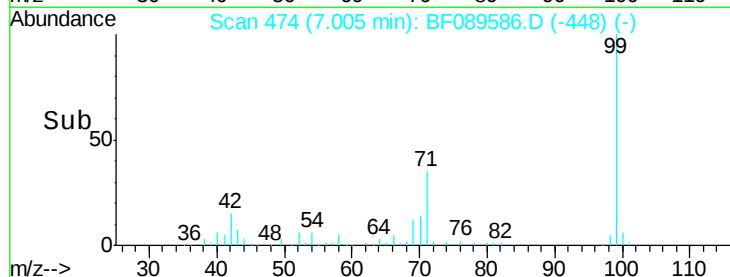
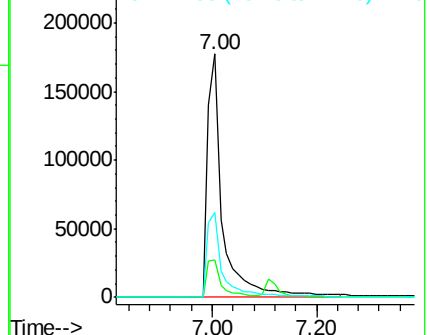
71 34.7 29.3 43.9



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: 9.48 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF089586.D

Acq: 4 Aug 2016 12:23

Tgt Ion: 136 Resp: 162560

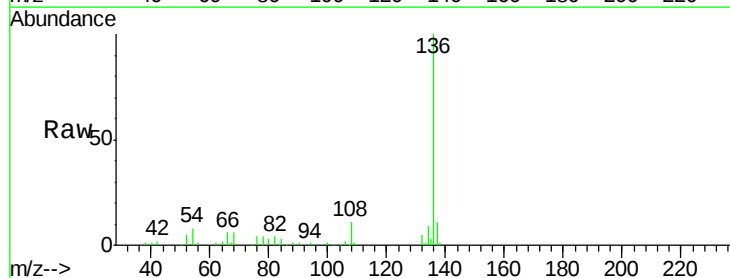
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.1 5.9 8.9

68 6.4 4.5 6.7

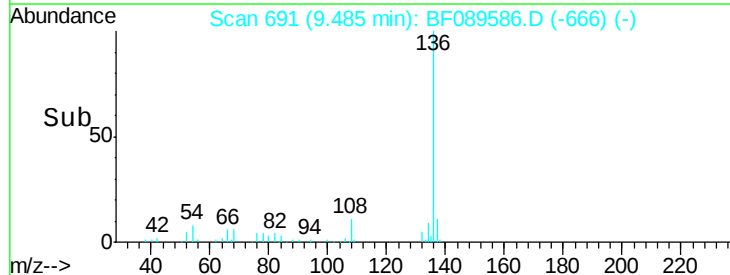
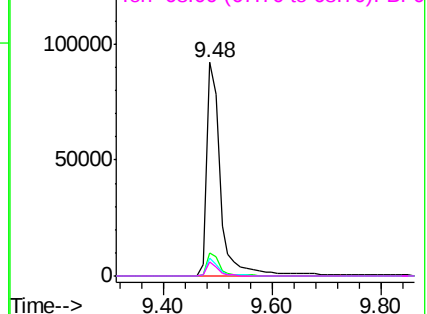


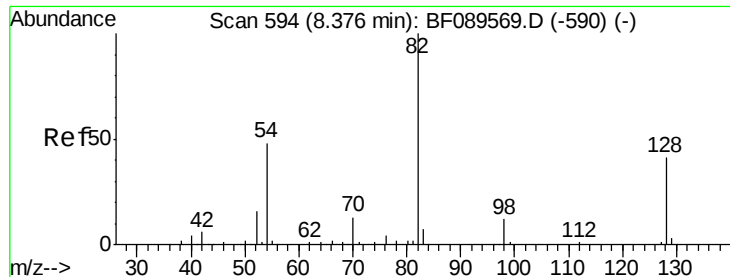
Abundance Ion 136.00 (135.70 to 136.70): E

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

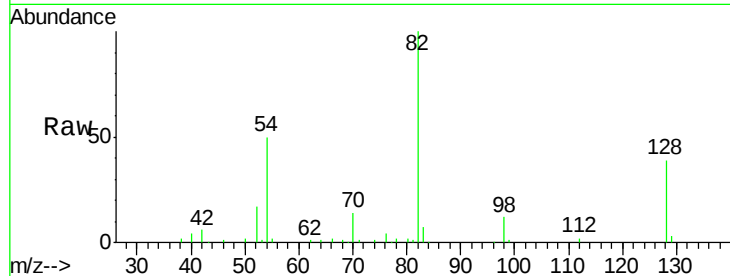




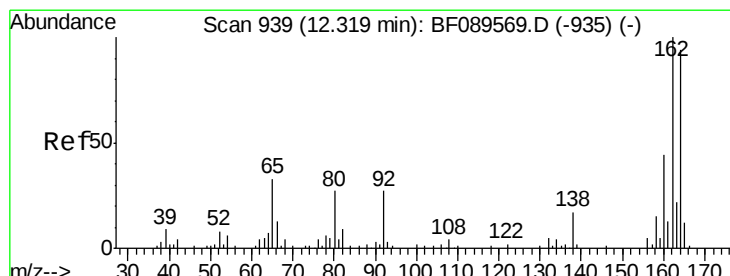
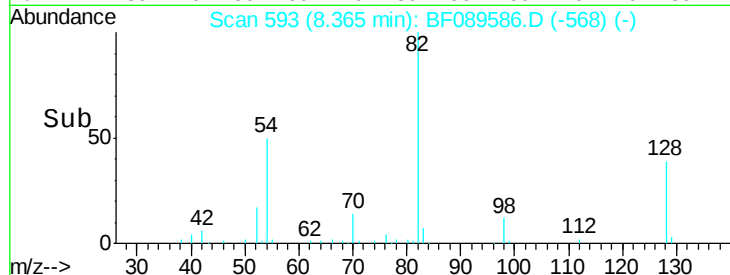
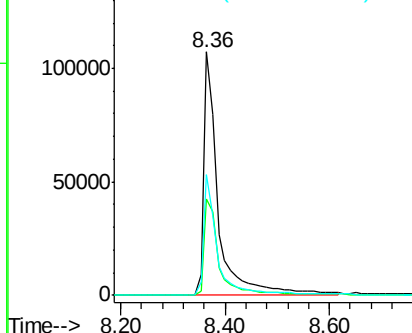
#23
 Nitrobenzene-d5
 Concen: 70.87 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF089586.D
 Acq: 4 Aug 2016 12:23

Instrument :
 BNA_F
 ClientSampleId :
 3-PAH

Tot Ion	82	Resp	208249
Ion Ratio	Lower	Upper	
82	100		
128	39.4	32.4	48.6
54	49.7	38.6	58.0

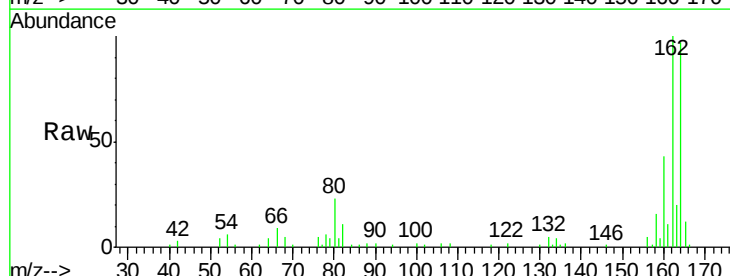


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

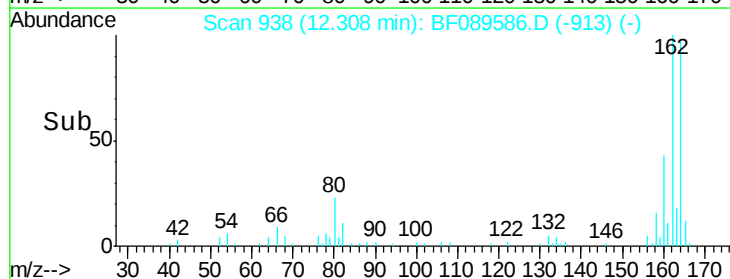
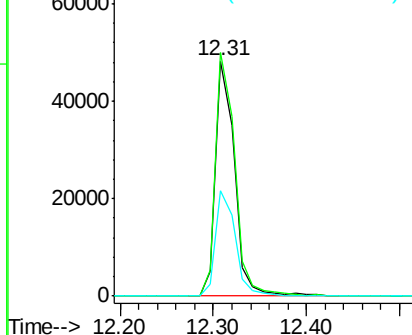


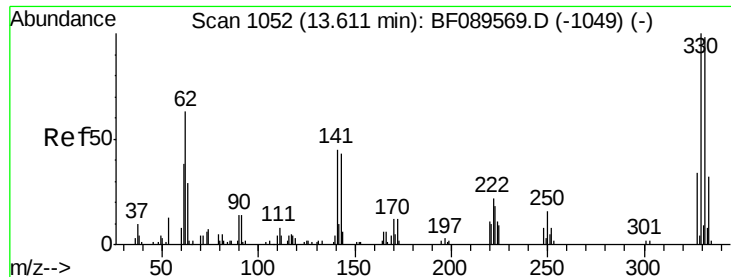
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.31 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF089586.D
 Acq: 4 Aug 2016 12:23

Tgt Ion	164	Resp	68286
Ion Ratio	Lower	Upper	
164	100		
162	103.5	85.4	128.2
160	45.0	37.3	55.9



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

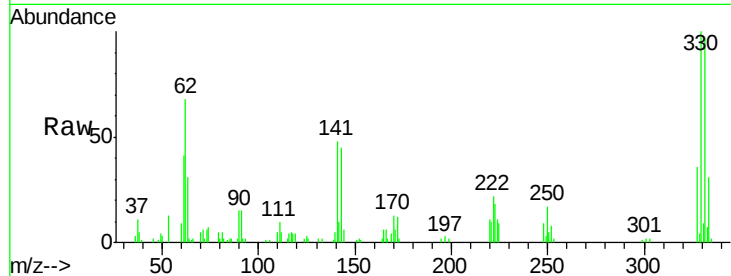




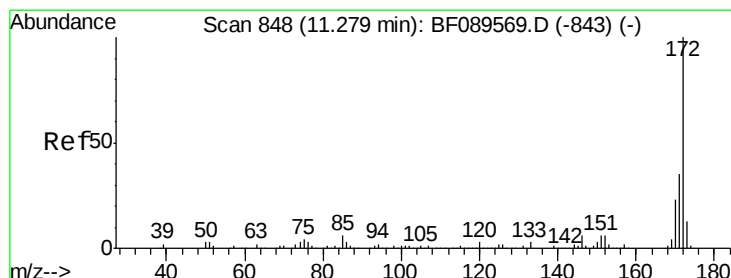
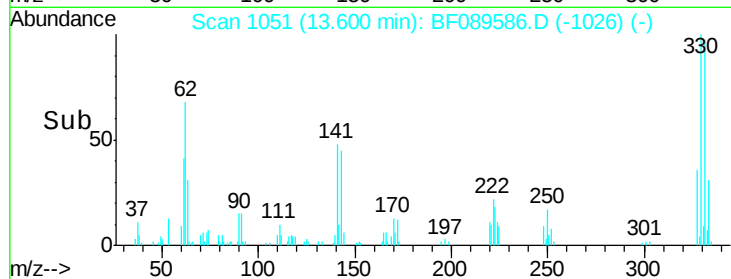
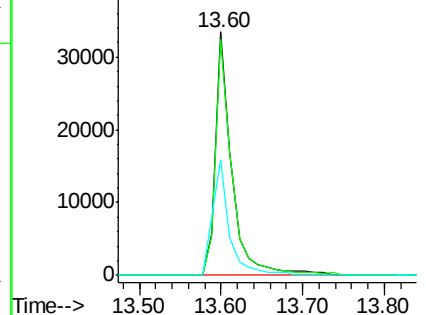
#41
 2,4,6-Tribromophenol
 Concen: 87.38 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF089586.D
 Acq: 4 Aug 2016 12:23

Instrument :
 BNA_F
 ClientSampleId :
 3-PAH

Tot Ion:330 Resp: 47396
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.7 115.1
 141 49.0 40.3 60.5

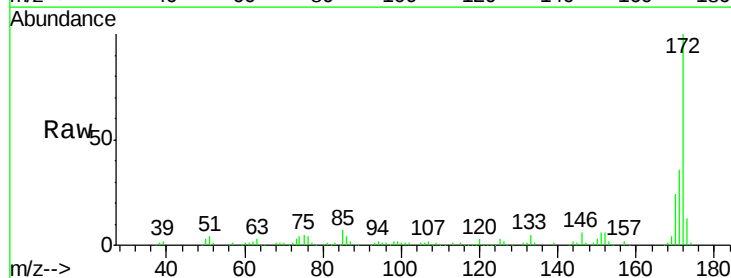


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

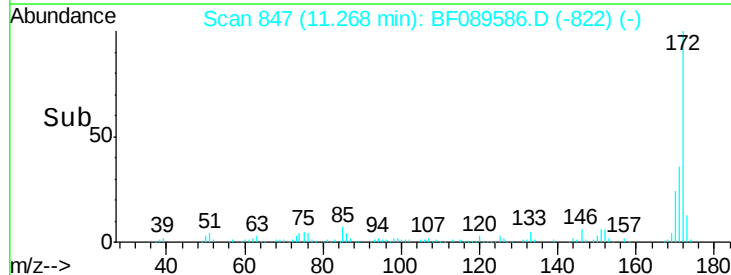
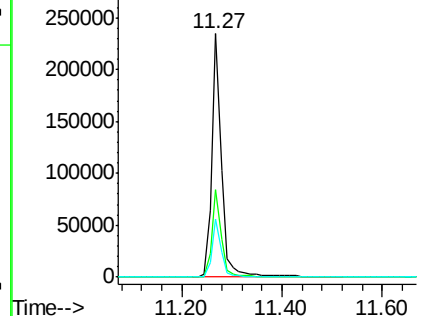


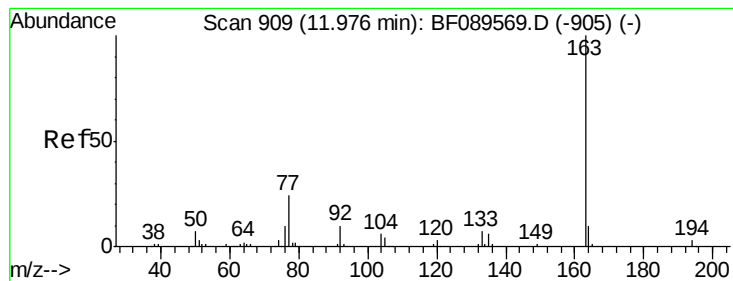
#44
 2-Fluorobiphenyl
 Concen: 60.30 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF089586.D
 Acq: 4 Aug 2016 12:23

Tgt Ion:172 Resp: 317045
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.1 42.1
 170 23.8 18.6 28.0



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: 11.12 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF089586.D

Acq: 4 Aug 2016 12:23

Instrument :

BNA_F

ClientSampleId :

3-PAH

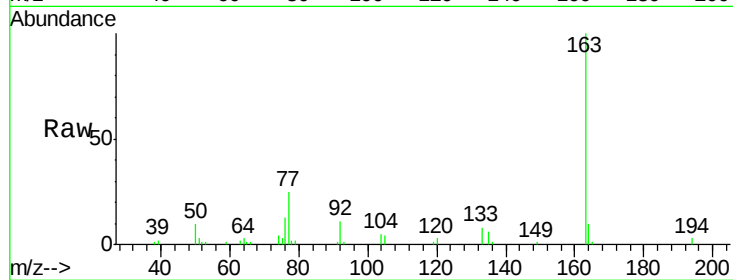
Tot Ion:163 Resp: 58169

Ion Ratio Lower Upper

163 100

194 3.1 2.4 3.6

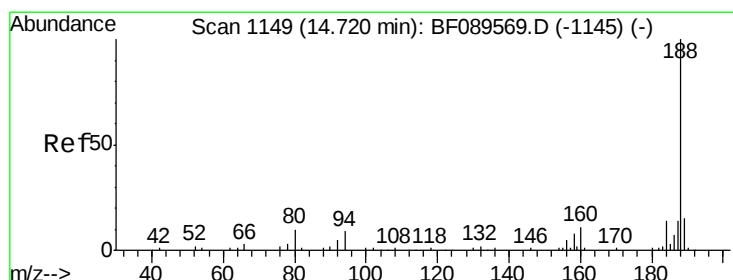
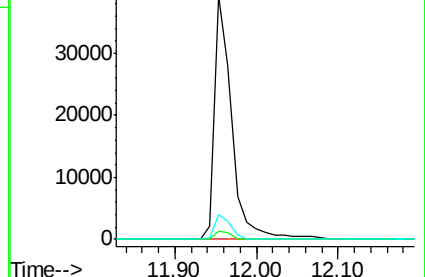
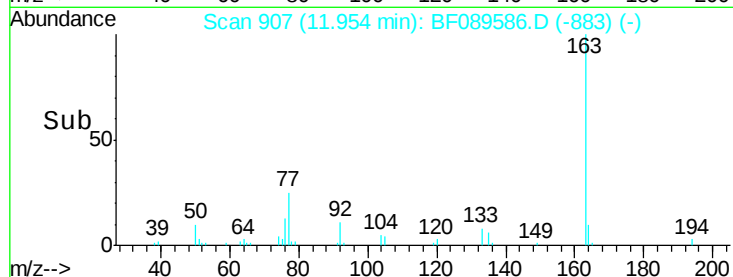
164 10.4 8.2 12.4



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: 14.71 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF089586.D

Acq: 4 Aug 2016 12:23

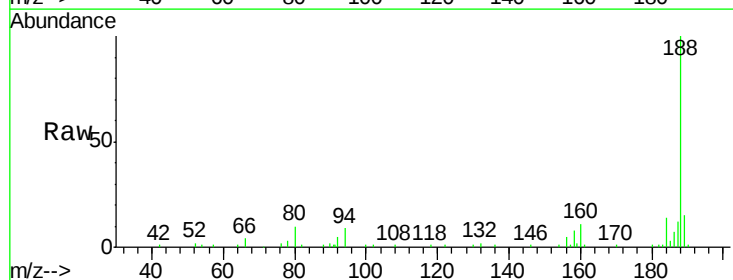
Tgt Ion:188 Resp: 101533

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

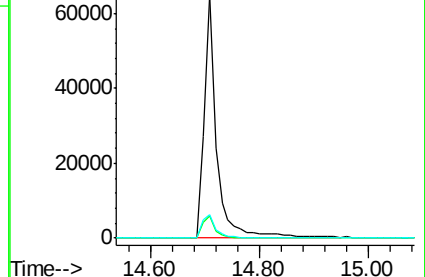
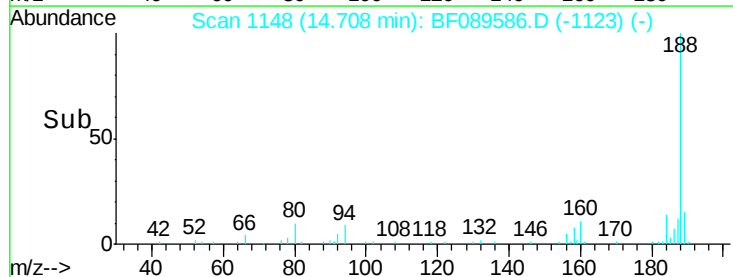
80 9.8 7.7 11.5

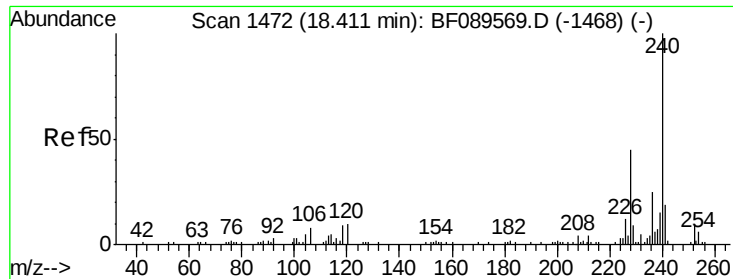


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

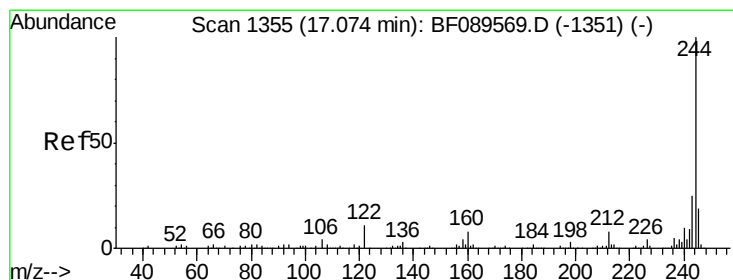
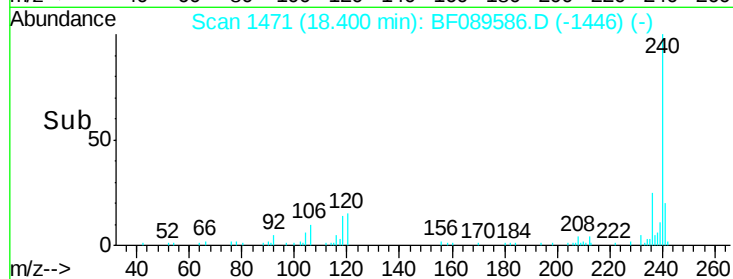
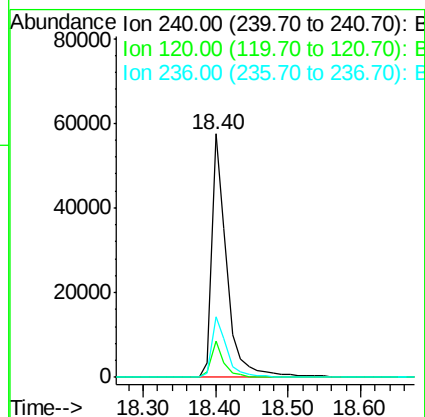
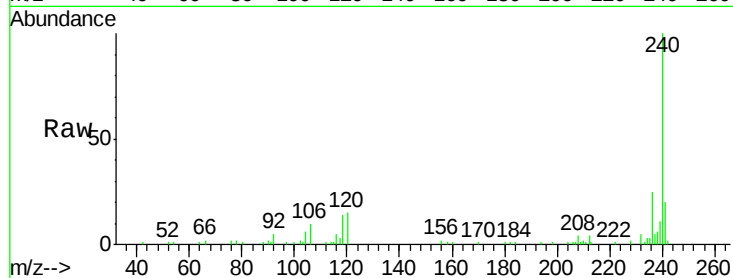




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF089586.D
Acq: 4 Aug 2016 12:23

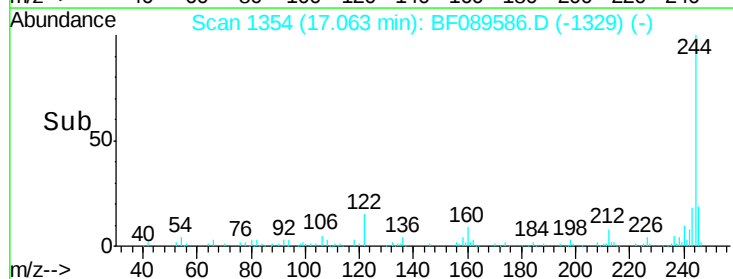
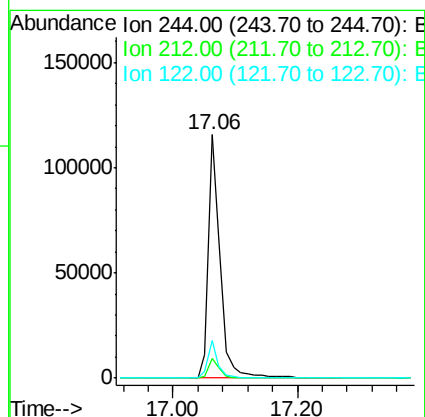
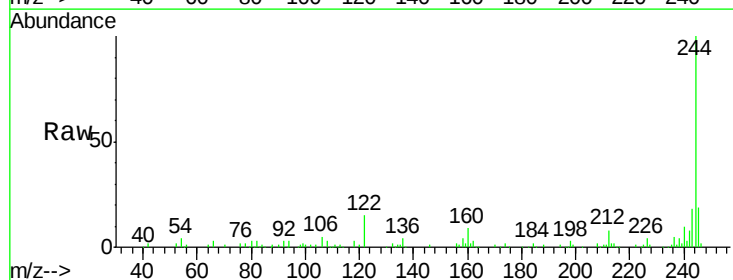
Instrument :
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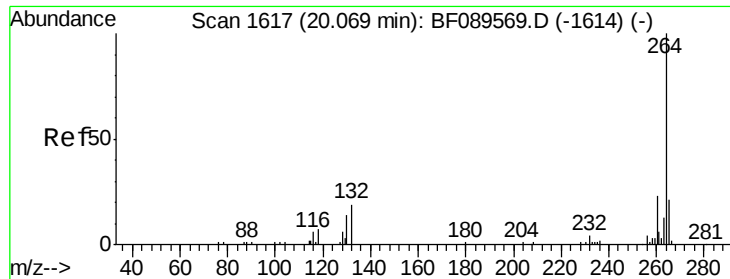
Tot Ion:240 Resp: 82160
Ion Ratio Lower Upper
240 100
120 14.8 8.2 12.2#
236 24.9 20.3 30.5



#78
Terphenyl-d14
Concen: 37.66 ng
RT: 17.06 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF089586.D
Acq: 4 Aug 2016 12:23

Tgt Ion:244 Resp: 154200
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.4
122 15.3 8.5 12.7#

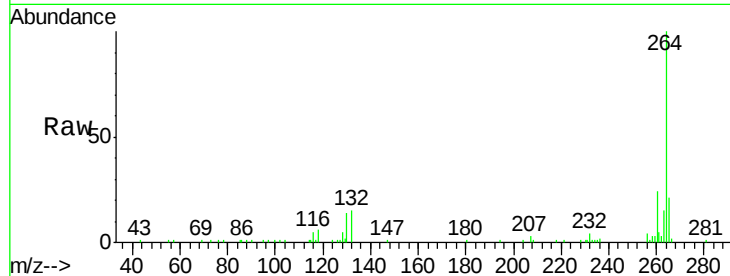




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.07 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BF089586.D
Acq: 4 Aug 2016 12:23

Instrument :
BNA_F
ClientSampleId :
3-PAH

Tot Ion:264 Resp: 88274
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 21.2 16.6 25.0



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

