

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089585.D
 Acq On : 4 Aug 2016 11:50
 Operator : UM/SJ
 Sample : H4321-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-PAH

Quant Time: Aug 04 16:51:06 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

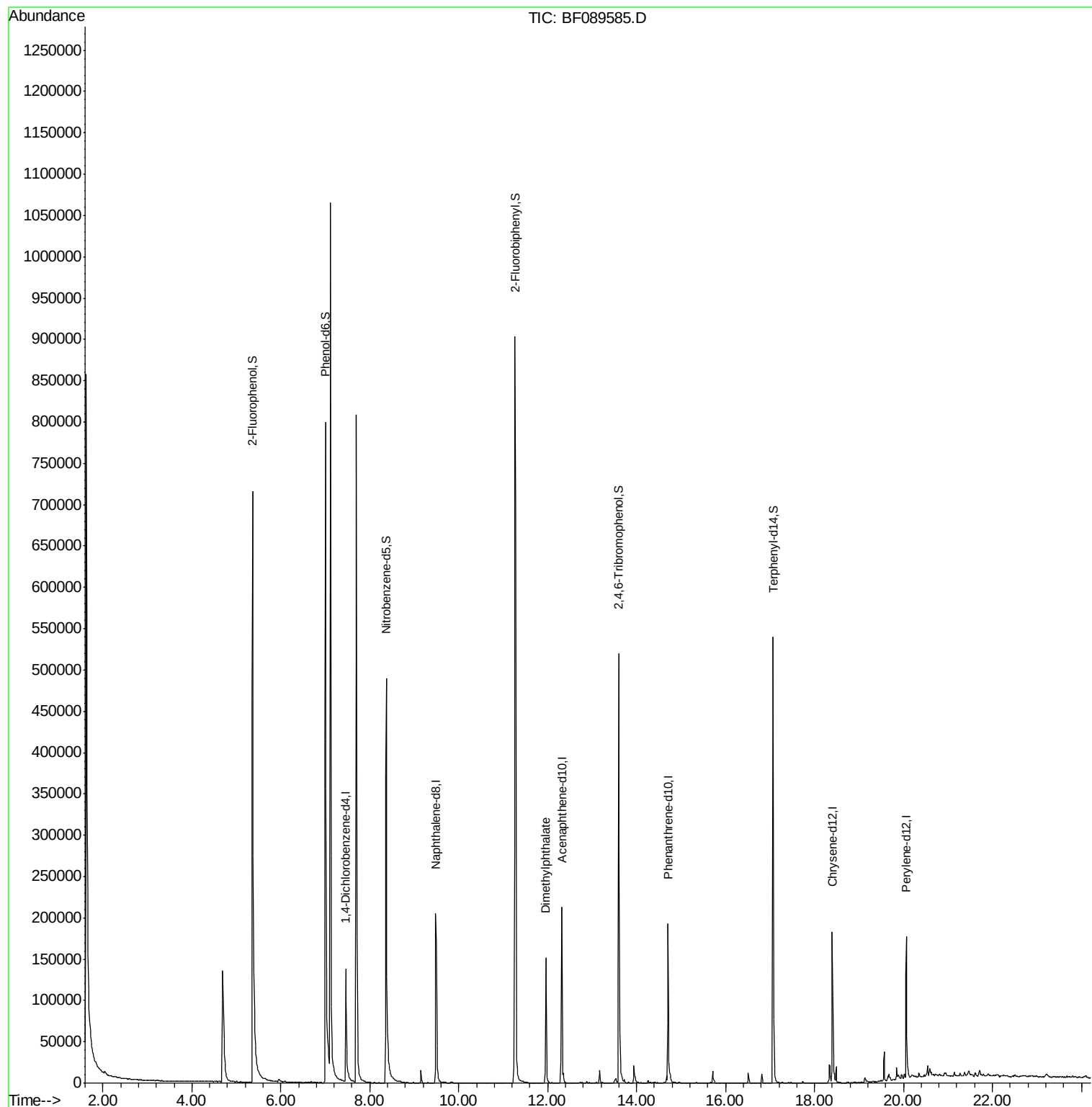
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	43288	20.00	ng	-0.01
21) Naphthalene-d8	9.48	136	179713	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	75537	20.00	ng	0.00
63) Phenanthrene-d10	14.71	188	120015	20.00	ng	-0.01
75) Chrysene-d12	18.40	240	90162	20.00	ng	-0.01
86) Perylene-d12	20.07	264	94951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	397151	154.45	ng	0.02
7) Phenol-d6	7.00	99	518978	149.02	ng	0.00
23) Nitrobenzene-d5	8.38	82	325484	100.19	ng	0.00
41) 2,4,6-Tribromophenol	13.60	330	80656	134.43	ng	-0.01
44) 2-Fluorobiphenyl	11.27	172	504617	86.76	ng	-0.01
78) Terphenyl-d14	17.07	244	264676	58.90	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.95	163	106275	18.36	ng	Qvalue 99

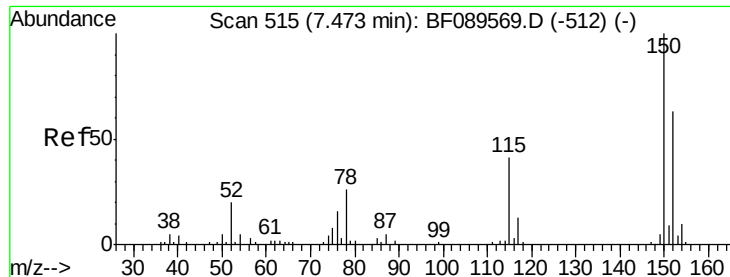
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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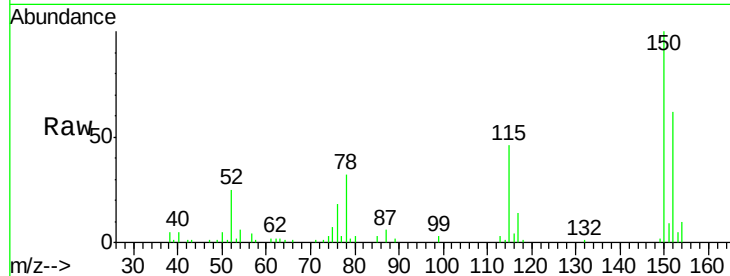


#1

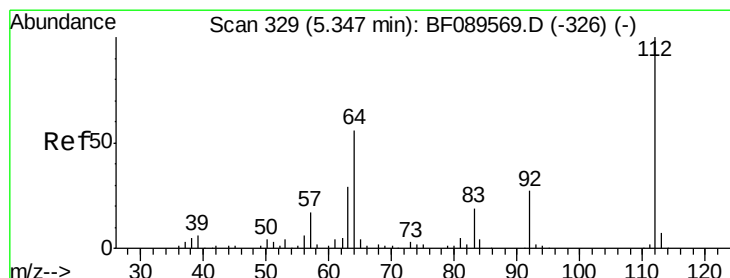
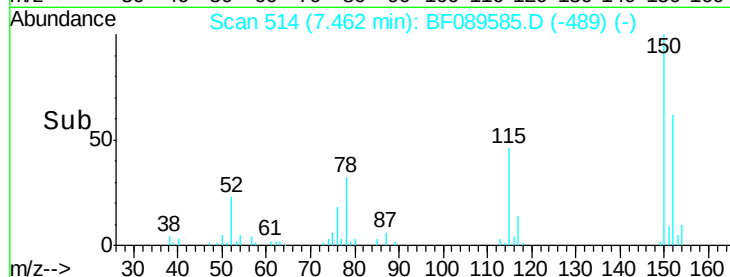
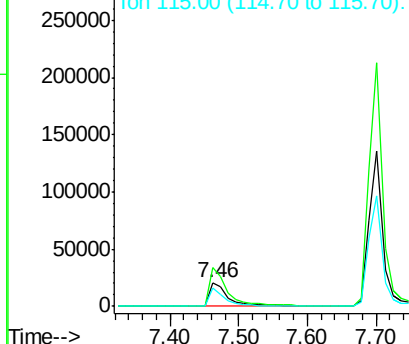
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF089585.D
Acq: 4 Aug 2016 11:50

Instrument :
BNA_F
ClientSampleId :
2-PAH

Tot Ion:152 Resp: 43288
Ion Ratio Lower Upper
152 100
150 162.0 127.4 191.2
115 74.3 51.8 77.8



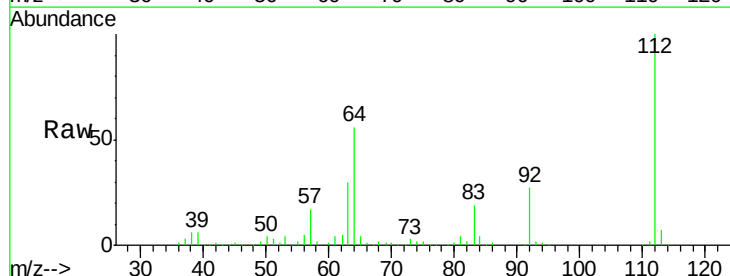
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



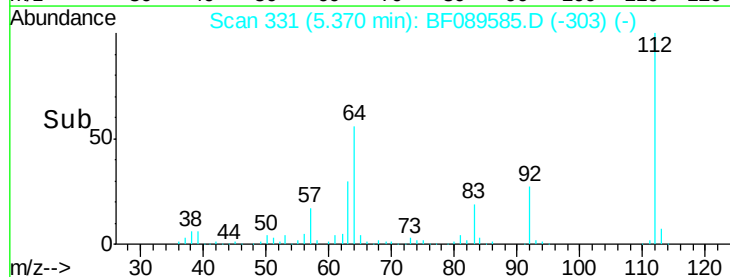
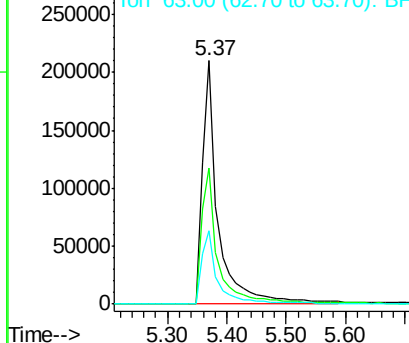
#5

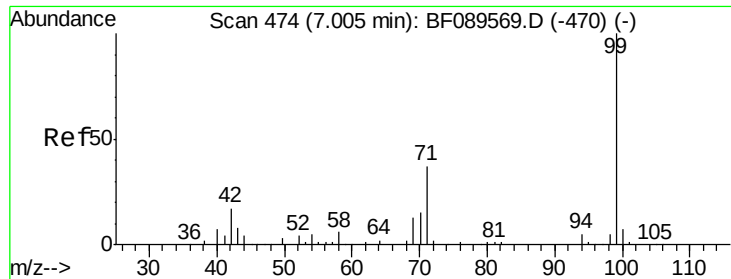
2-Fluorophenol
Concen: 154.45 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.02 min
Lab File: BF089585.D
Acq: 4 Aug 2016 11:50

Tgt Ion:112 Resp: 397151
Ion Ratio Lower Upper
112 100
64 55.7 45.2 67.8
63 29.9 23.1 34.7



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: 149.02 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF089585.D

Acq: 4 Aug 2016 11:50

Instrument :

BNA_F

ClientSampleId :

2-PAH

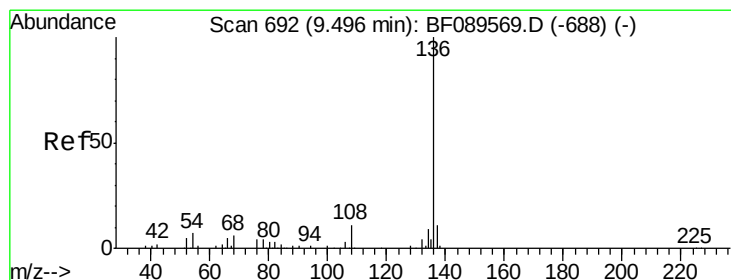
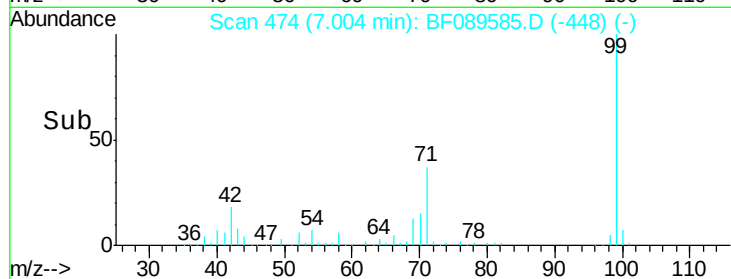
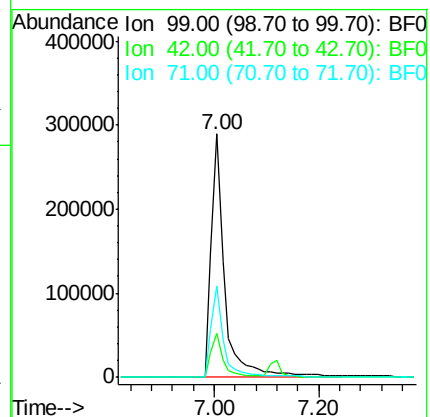
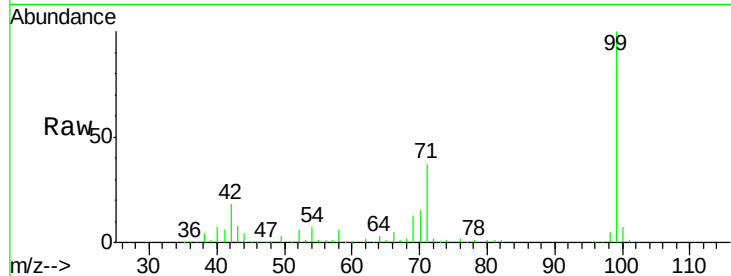
Tot Ion: 99 Resp: 518978

Ion Ratio Lower Upper

99 100

42 17.8 13.9 20.9

71 37.3 29.3 43.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF089585.D

Acq: 4 Aug 2016 11:50

Tgt Ion: 136 Resp: 179713

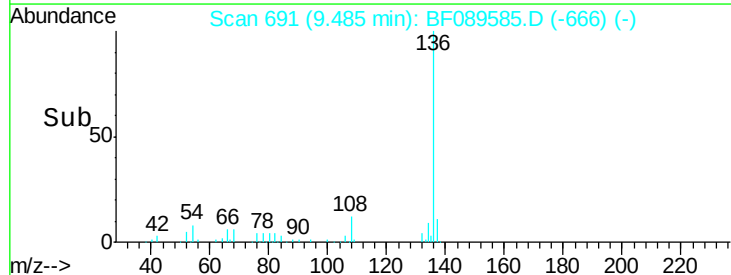
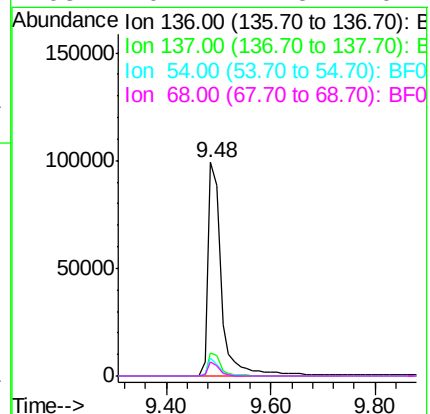
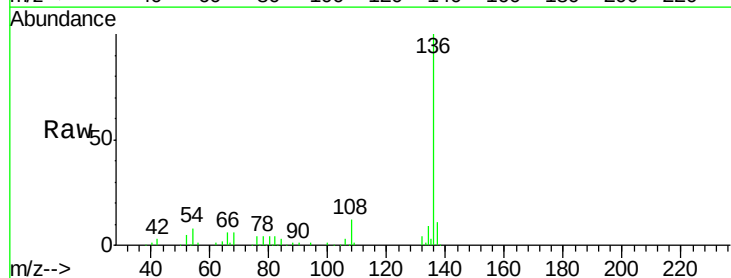
Ion Ratio Lower Upper

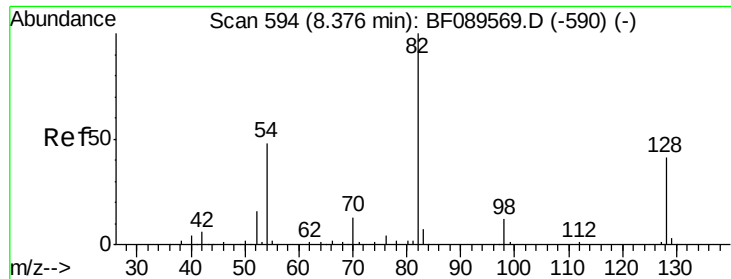
136 100

137 11.1 8.8 13.2

54 8.4 5.9 8.9

68 6.4 4.5 6.7

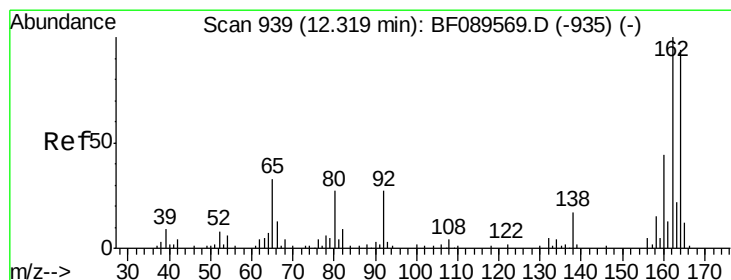
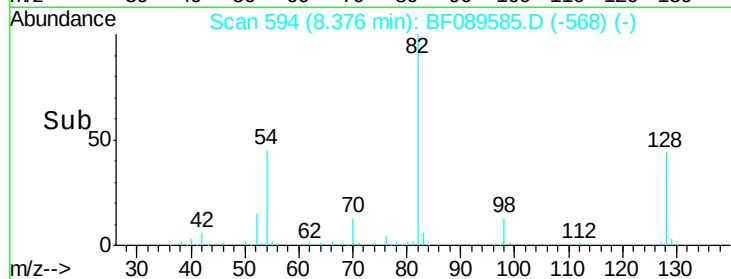
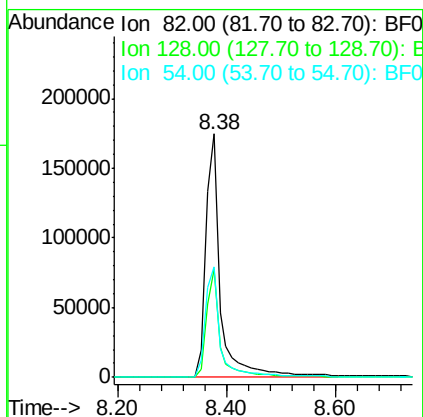
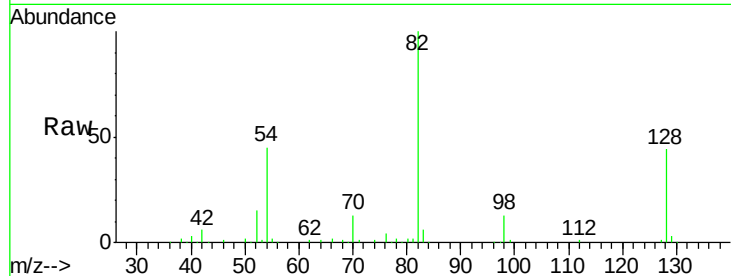




#23
 Nitrobenzene-d5
 Concen: 100.19 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF089585.D
 Acq: 4 Aug 2016 11:50

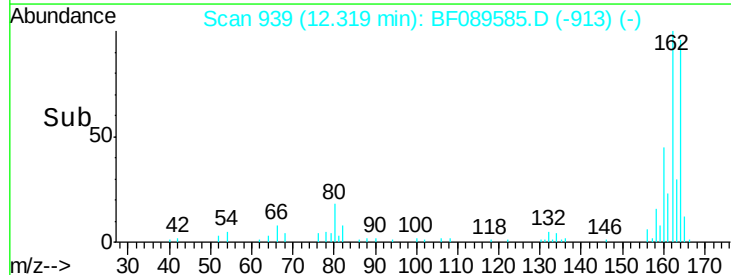
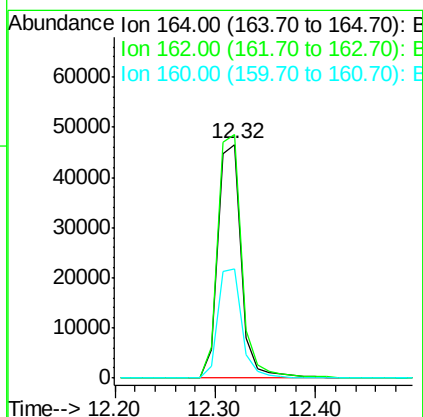
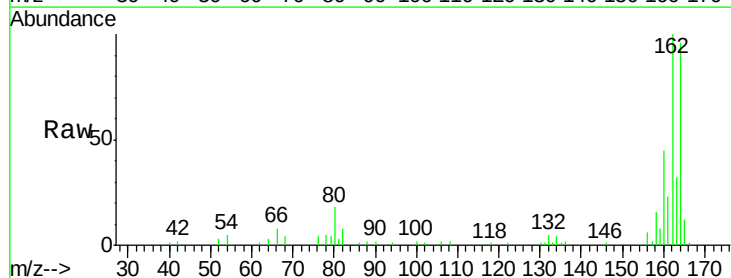
Instrument :
 BNA_F
 ClientSampleId :
 2-PAH

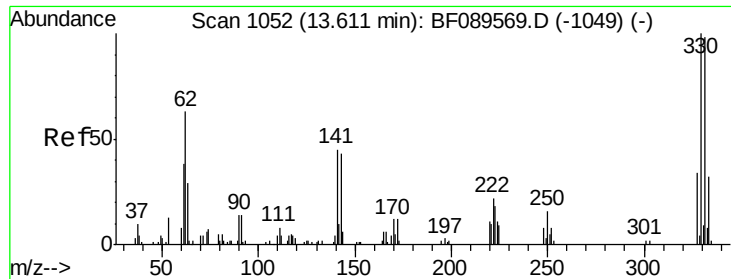
Tot Ion: 82 Resp: 325484
 Ion Ratio Lower Upper
 82 100
 128 44.4 32.4 48.6
 54 45.3 38.6 58.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF089585.D
 Acq: 4 Aug 2016 11:50

Tgt Ion: 164 Resp: 75537
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.4 128.2
 160 46.8 37.3 55.9

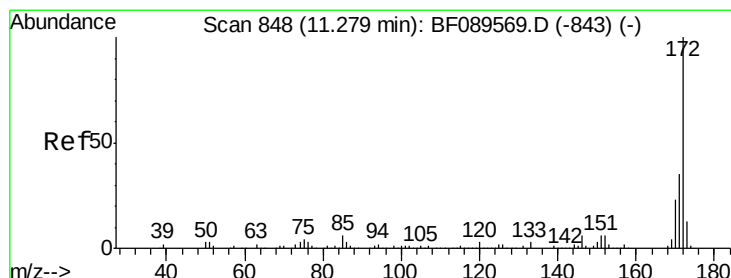
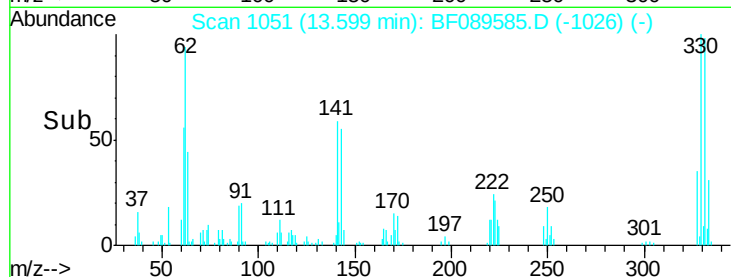
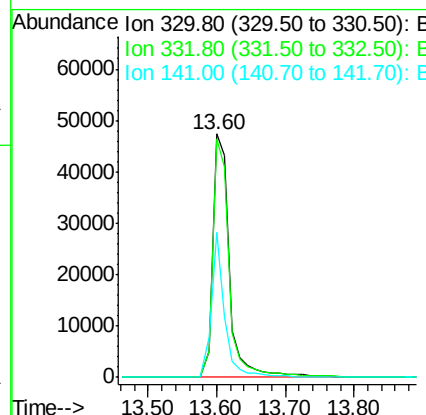
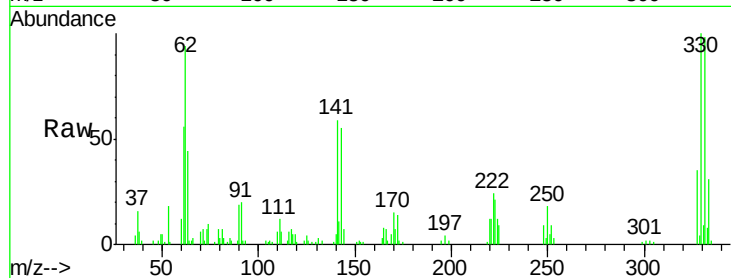




#41
 2,4,6-Tribromophenol
 Concen: 134.43 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF089585.D
 Acq: 4 Aug 2016 11:50

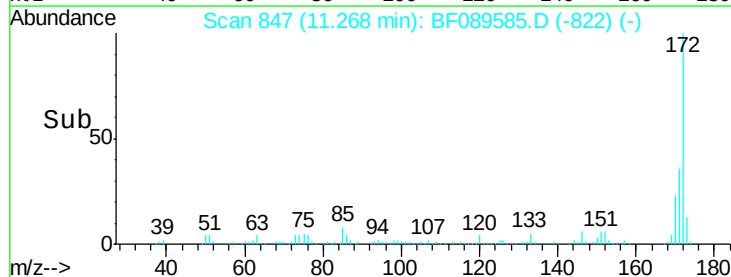
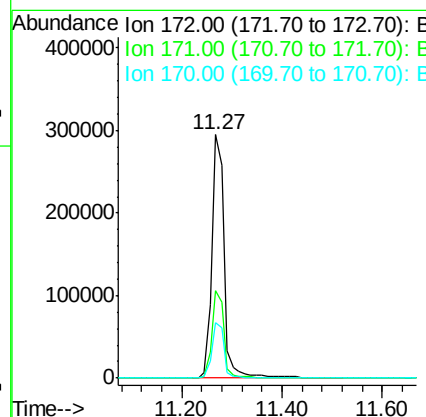
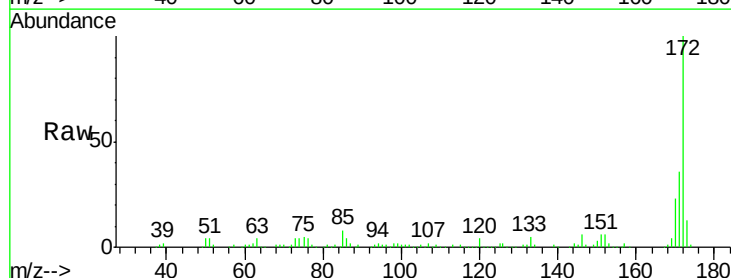
Instrument :
 BNA_F
 ClientSampleId :
 2-PAH

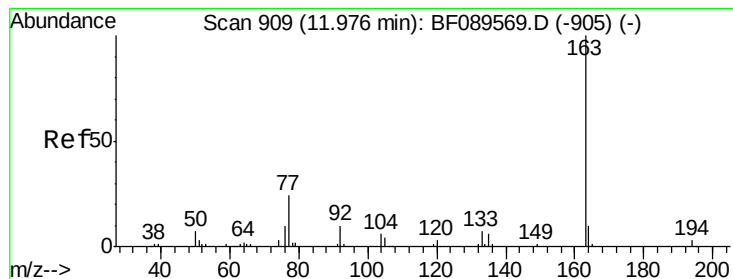
Tot Ion:330 Resp: 80656
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.7 115.1
 141 47.4 40.3 60.5



#44
 2-Fluorobiphenyl
 Concen: 86.76 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF089585.D
 Acq: 4 Aug 2016 11:50

Tgt Ion:172 Resp: 504617
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.1 42.1
 170 22.8 18.6 28.0





#49

Dimethylphthalate

Concen: 18.36 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF089585.D

Acq: 4 Aug 2016 11:50

Instrument :

BNA_F

ClientSampleId :

2-PAH

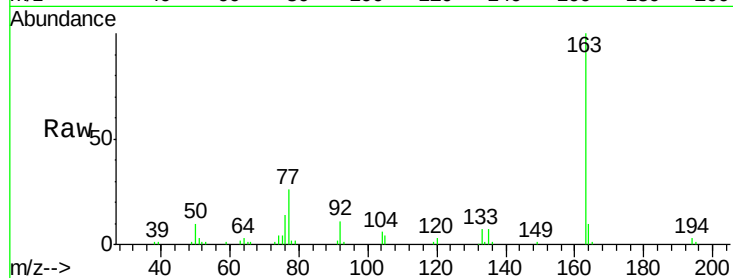
Tot Ion:163 Resp: 106275

Ion Ratio Lower Upper

163 100

194 3.1 2.4 3.6

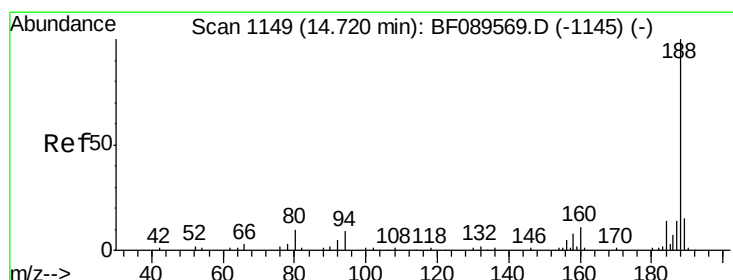
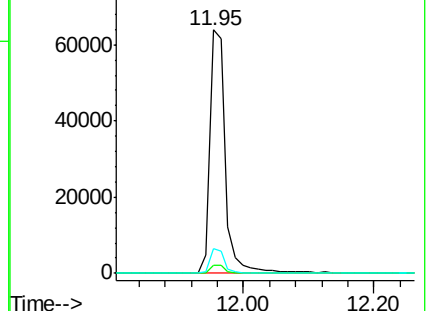
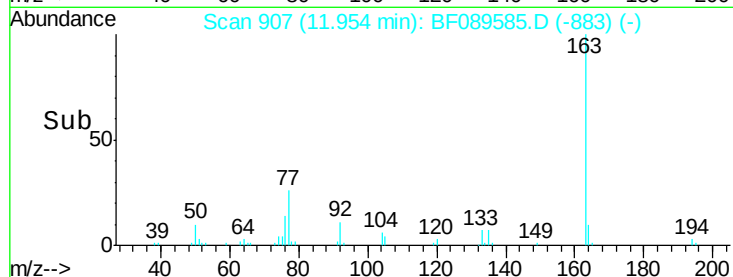
164 9.9 8.2 12.4



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: BF089585.D

Acq: 4 Aug 2016 11:50

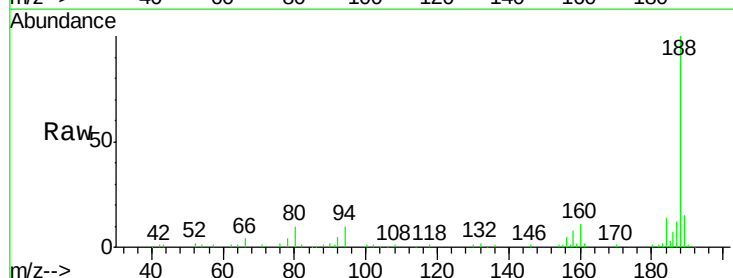
Tgt Ion:188 Resp: 120015

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

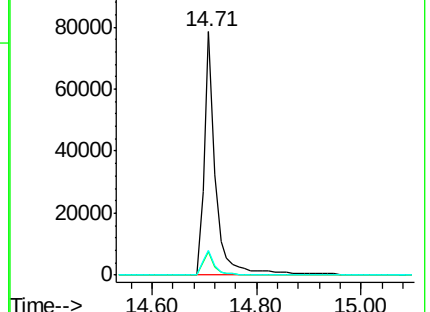
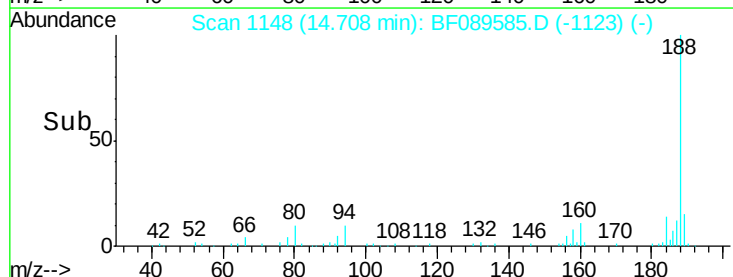
80 10.4 7.7 11.5

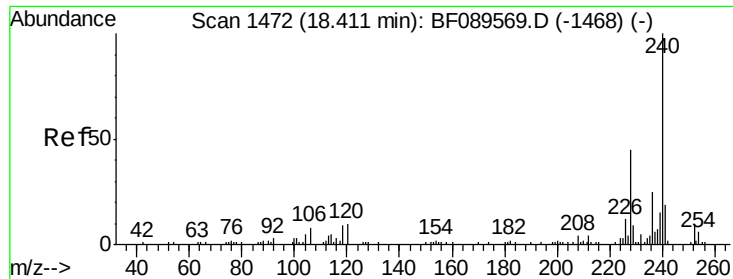


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

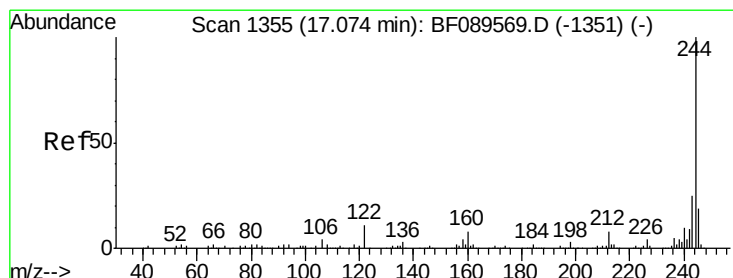
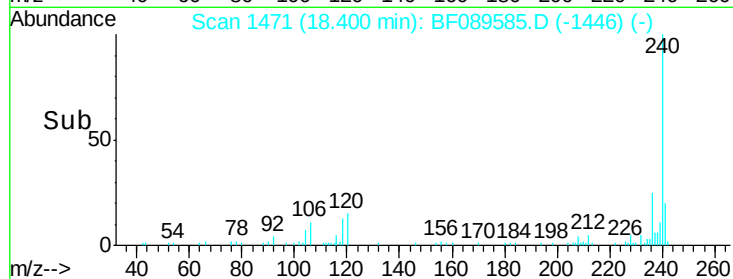
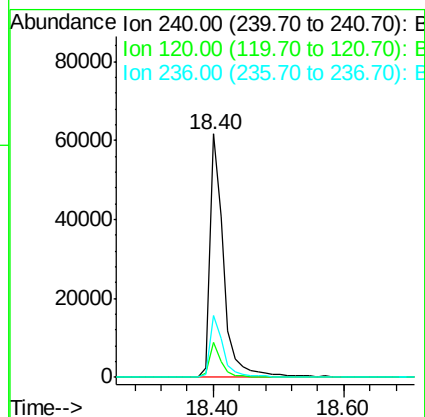
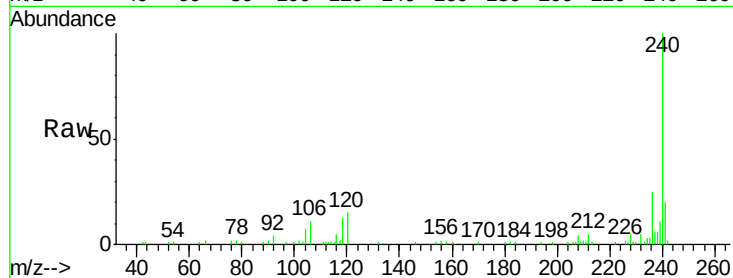




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.40 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF089585.D
 Acq: 4 Aug 2016 11:50

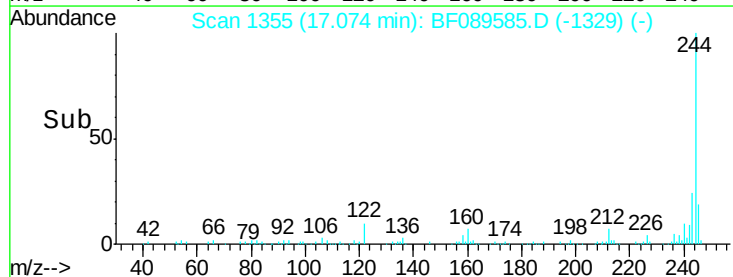
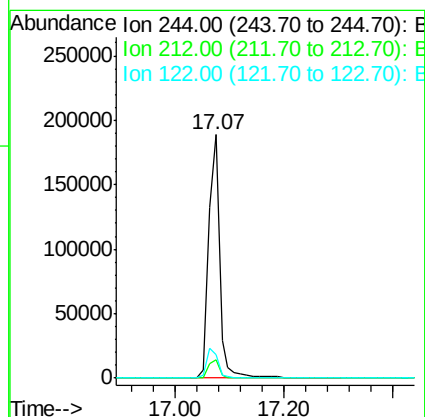
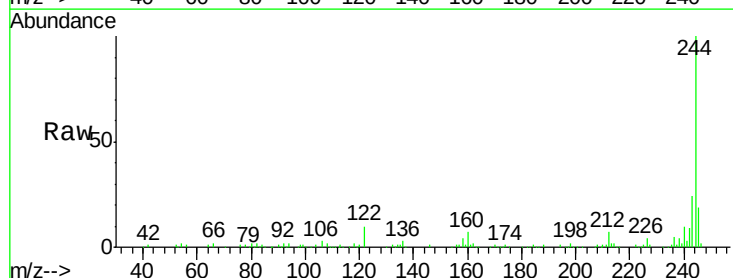
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 2-PAH

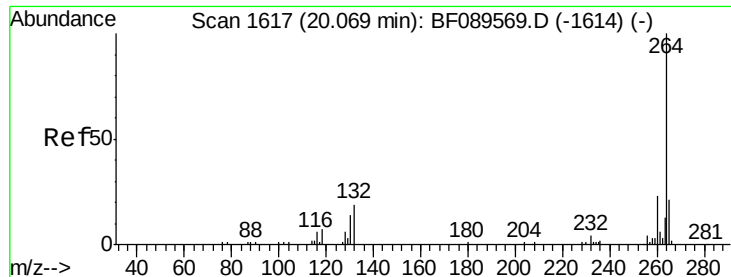
Tot Ion:240 Resp: 90162
 Ion Ratio Lower Upper
 240 100
 120 14.6 8.2 12.2#
 236 25.4 20.3 30.5



#78
 Terphenyl-d14
 Concen: 58.90 ng
 RT: 17.07 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF089585.D
 Acq: 4 Aug 2016 11:50

Tgt Ion:244 Resp: 264676
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.7 8.5 12.7

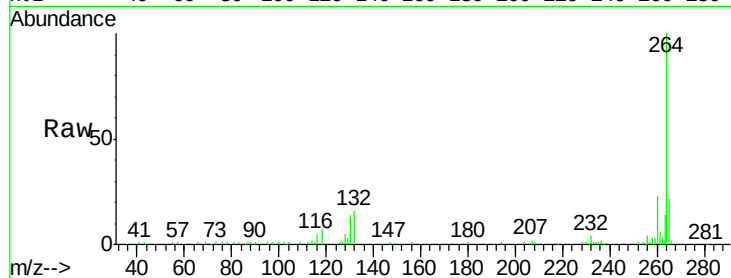




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.07 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF089585.D
 Acq: 4 Aug 2016 11:50

Instrument :
 BNA_F
 ClientSampleId :
 2-PAH

Tot Ion: 264 Resp: 94951
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.8 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

