

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089580.D
 Acq On : 4 Aug 2016 5:31
 Operator : UM/SJ
 Sample : H4328-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PLSA-001(SEDIMENT-W-SHEEN)

Quant Time: Aug 04 08:44:13 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 07:58:27 2016
 Response via : Initial Calibration

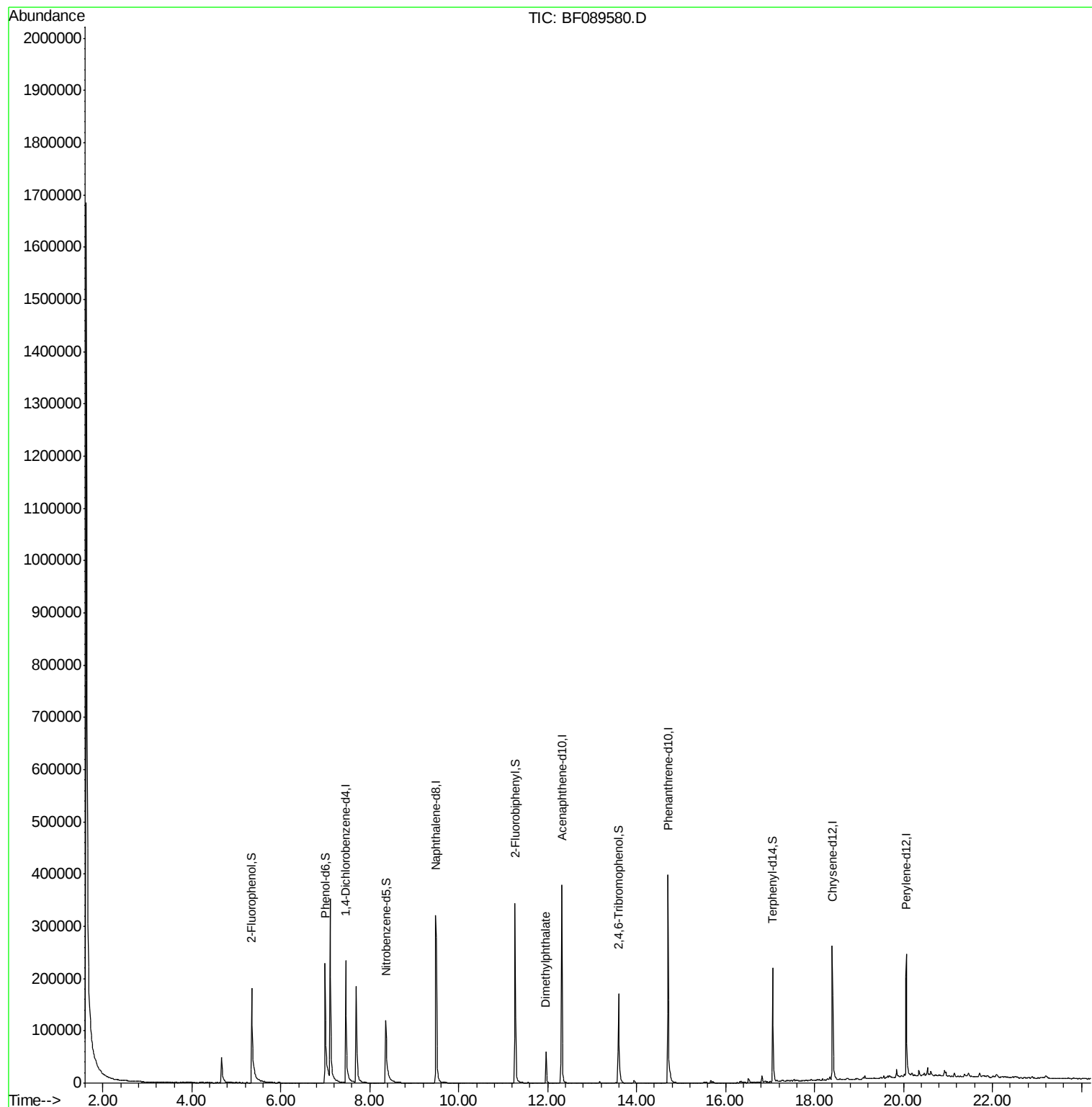
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	65308	20.00	ng	-0.01
21) Naphthalene-d8	9.48	136	281319	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	129795	20.00	ng	0.00
63) Phenanthrene-d10	14.71	188	230317	20.00	ng	-0.01
75) Chrysene-d12	18.40	240	131594	20.00	ng	-0.01
86) Perylene-d12	20.07	264	133156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	126630	32.64	ng	0.00
7) Phenol-d6	6.99	99	184397	35.09	ng	-0.01
23) Nitrobenzene-d5	8.36	82	105174	20.68	ng	-0.01
41) 2,4,6-Tribromophenol	13.60	330	28780	27.92	ng	-0.01
44) 2-Fluorobiphenyl	11.27	172	163586	16.37	ng	-0.01
78) Terphenyl-d14	17.06	244	95109	14.50	ng	-0.01
Target Compounds						
49) Dimethylphthalate	11.96	163	49710	5.00	ng	Qvalue 99

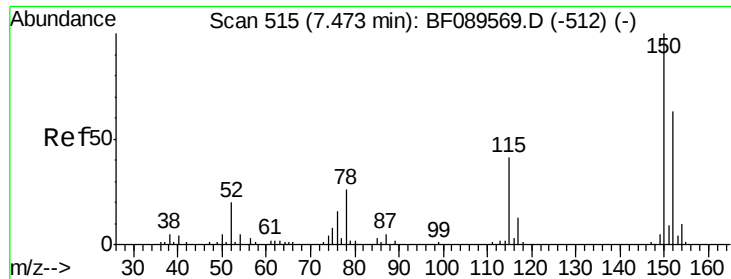
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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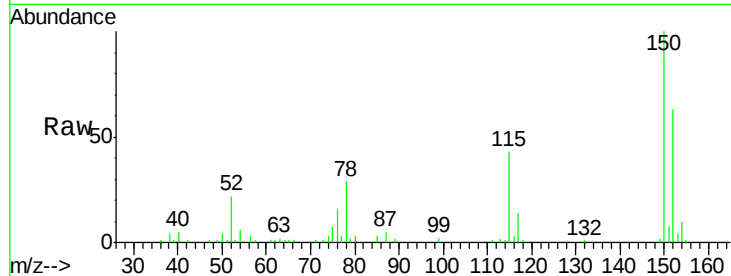




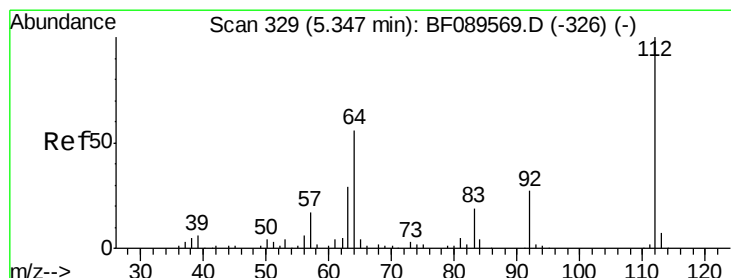
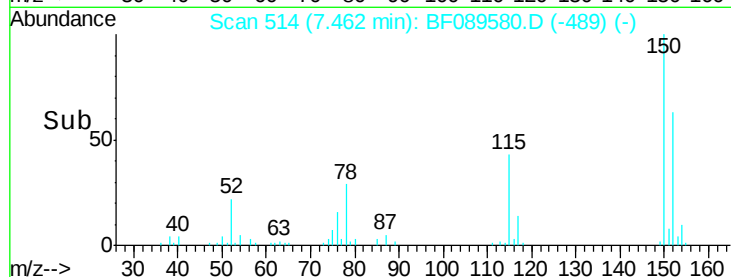
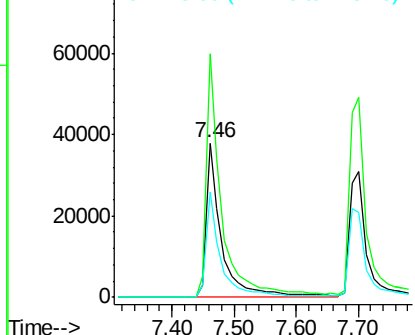
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.46 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF089580.D
 Acq: 4 Aug 2016 5:31

Instrument :
 BNA_F
 ClientSampleId :
 PLSA-001(SEDIMENT-W-SHEEN)

Tot Ion:152 Resp: 65308
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.4 191.2
 115 68.4 51.8 77.8

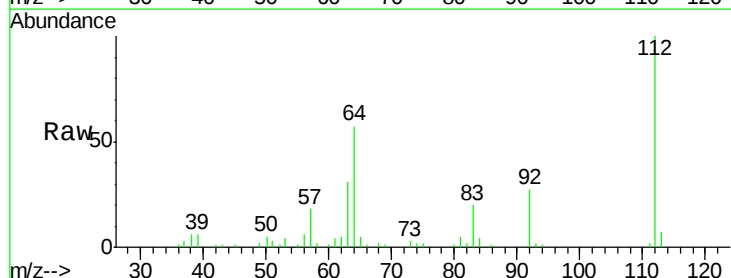


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

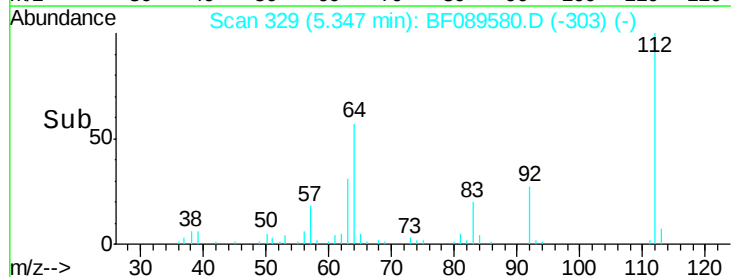
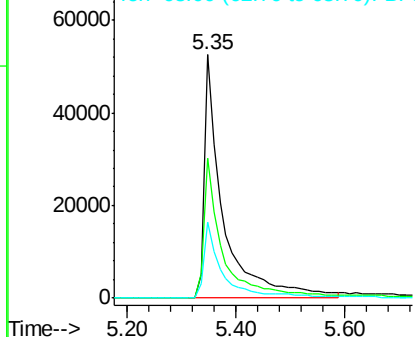


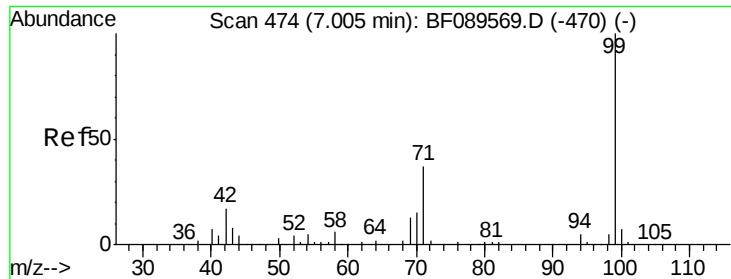
#5
 2-Fluorophenol
 Concen: 32.64 ng
 RT: 5.35 min Scan# 329
 Delta R.T. -0.00 min
 Lab File: BF089580.D
 Acq: 4 Aug 2016 5:31

Tgt Ion:112 Resp: 126630
 Ion Ratio Lower Upper
 112 100
 64 57.3 45.2 67.8
 63 31.0 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: 35.09 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF089580.D

Acq: 4 Aug 2016 5:31

Instrument :

BNA_F

ClientSampleId :

PLSA-001(SEDIMENT-W-SHEEN)

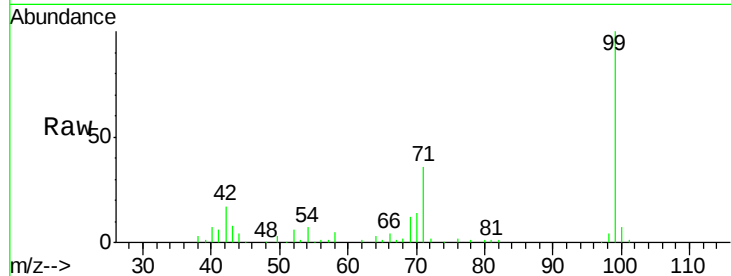
Tot Ion: 99 Resp: 184397

Ion Ratio Lower Upper

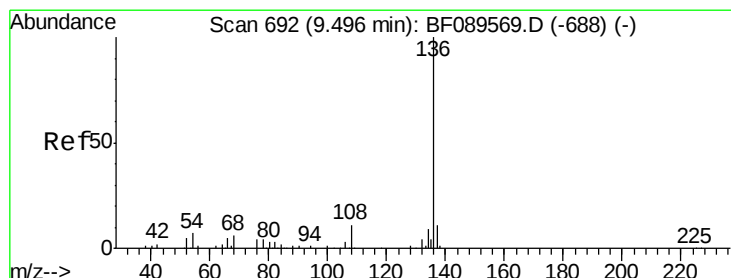
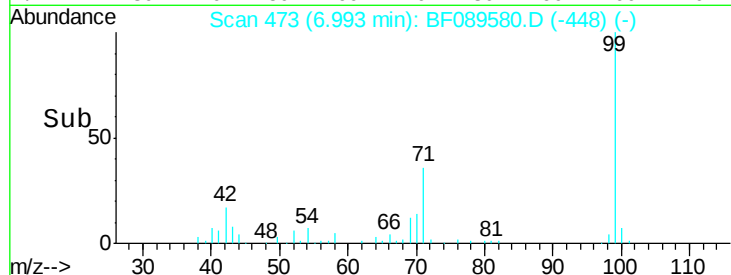
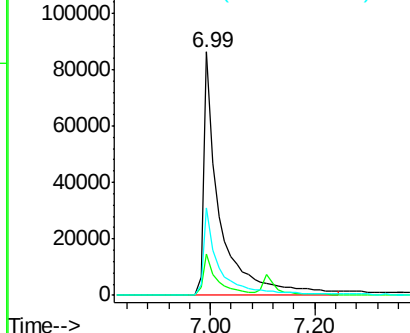
99 100

42 16.9 13.9 20.9

71 36.0 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: BF089580.D

Acq: 4 Aug 2016 5:31

Tgt Ion: 136 Resp: 281319

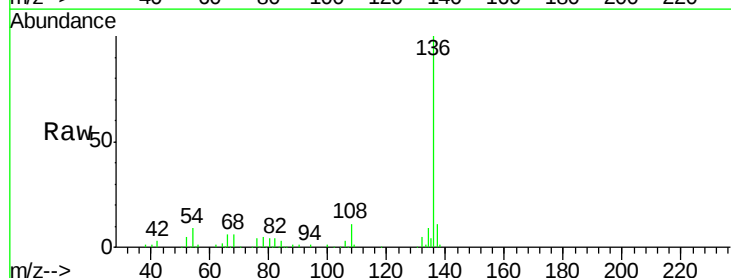
Ion Ratio Lower Upper

136 100

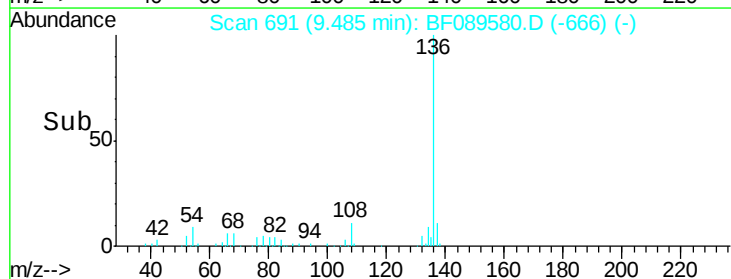
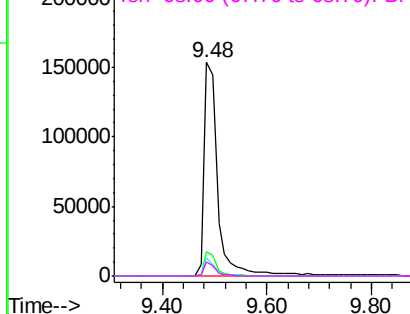
137 11.4 8.8 13.2

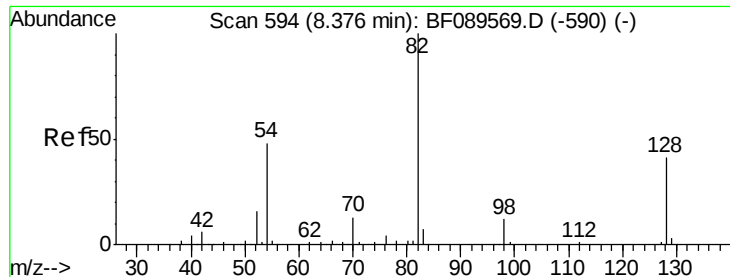
54 8.6 5.9 8.9

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: 20.68 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF089580.D

Acq: 4 Aug 2016 5:31

Instrument :

BNA_F

ClientSampleId :

PLSA-001(SEDIMENT-W-SHEEN)

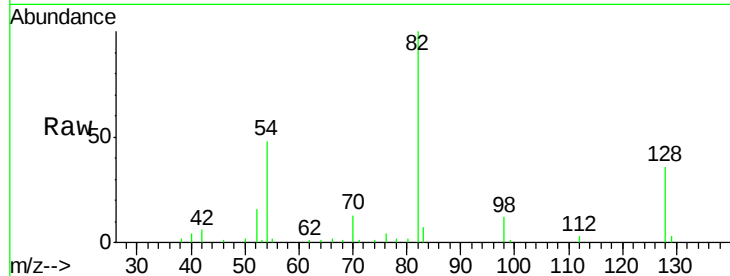
Tot Ion: 82 Resp: 105174

Ion Ratio Lower Upper

82 100

128 36.5 32.4 48.6

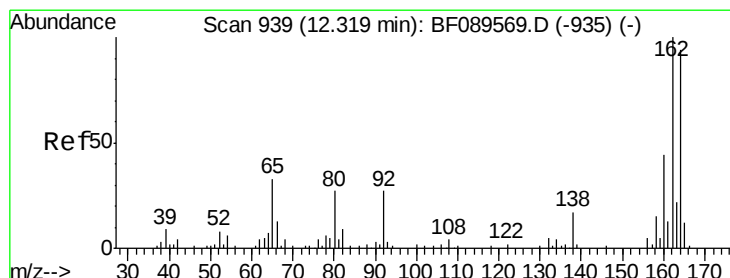
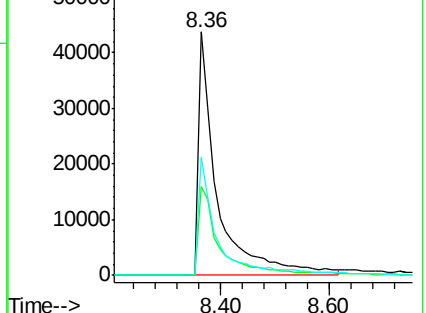
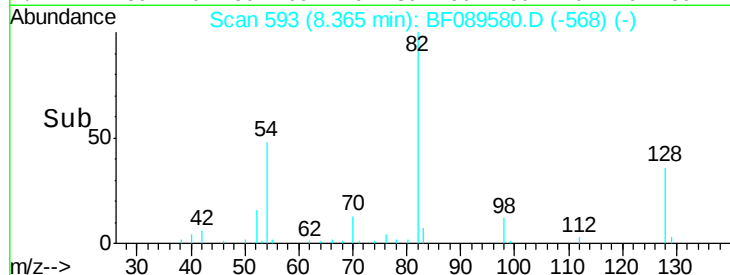
54 48.4 38.6 58.0



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: 12.32 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF089580.D

Acq: 4 Aug 2016 5:31

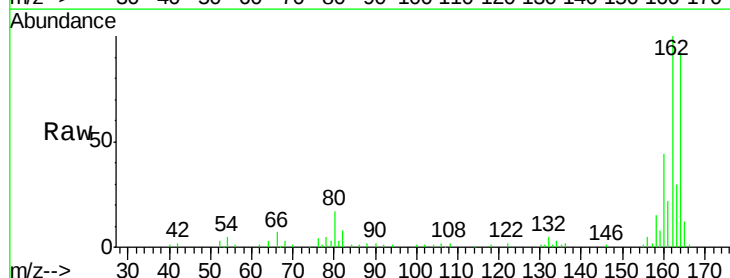
Tgt Ion:164 Resp: 129795

Ion Ratio Lower Upper

164 100

162 108.8 85.4 128.2

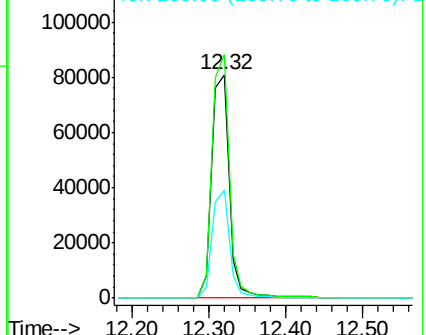
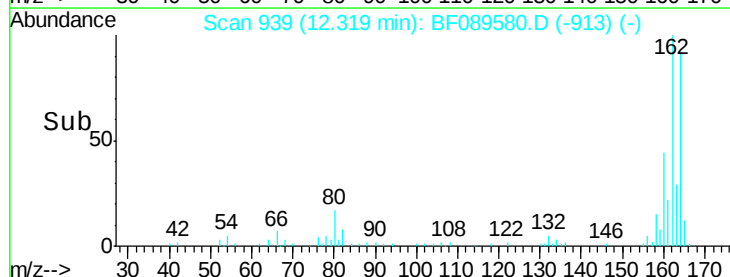
160 48.3 37.3 55.9

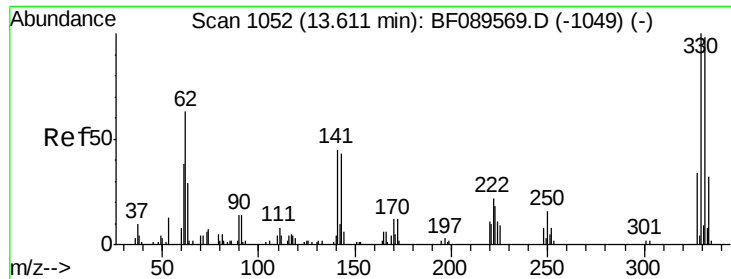


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

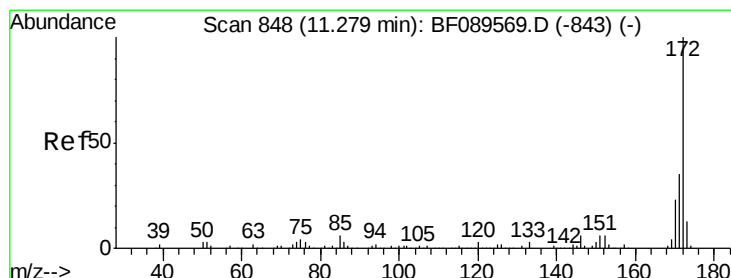
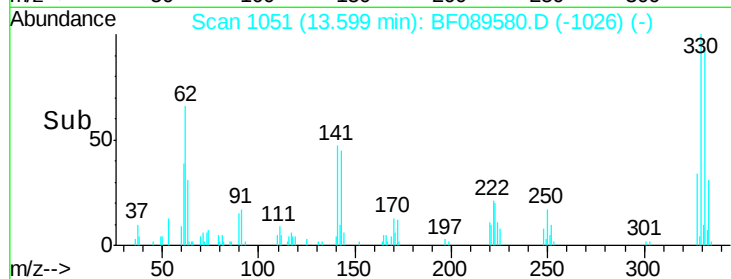
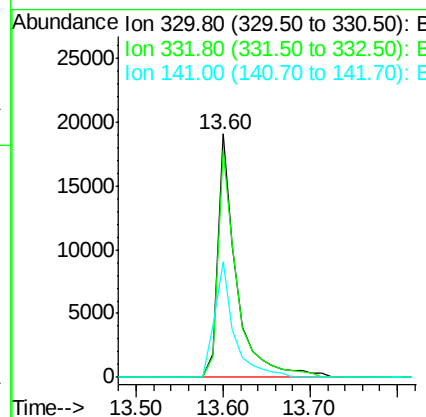
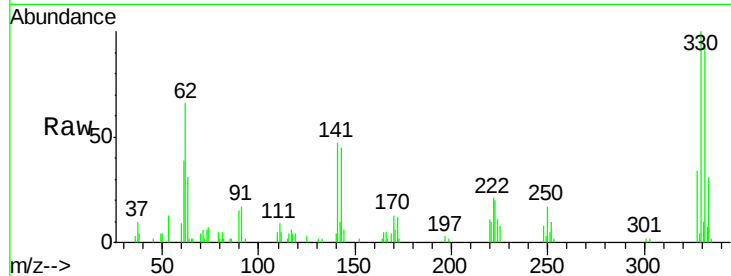




#41
 2,4,6-Tribromophenol
 Concen: 27.92 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF089580.D
 Acq: 4 Aug 2016 5:31

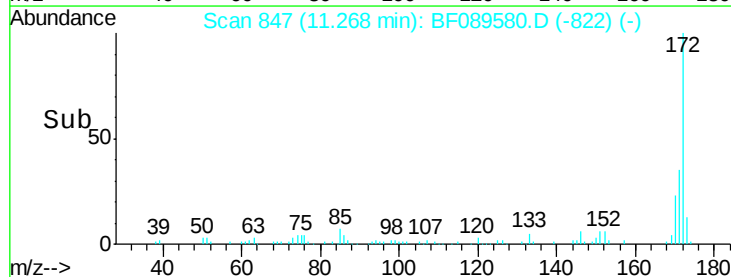
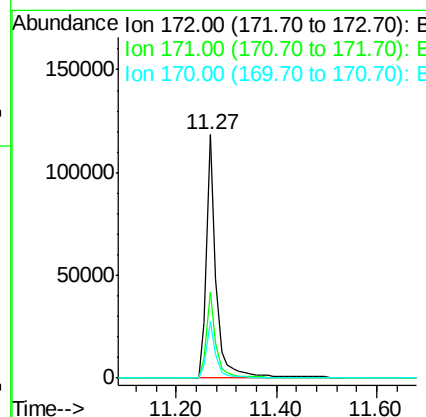
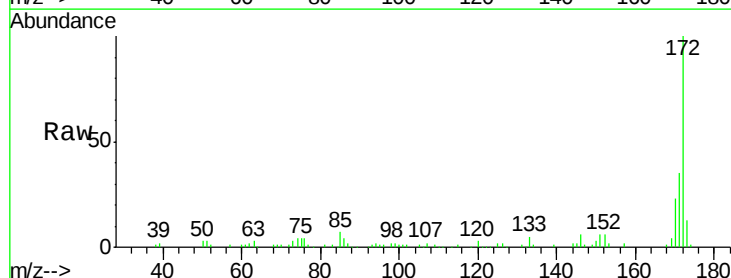
Instrument :
 BNA_F
 ClientSampleId :
 PLSA-001(SEDIMENT-W-SHEEN)

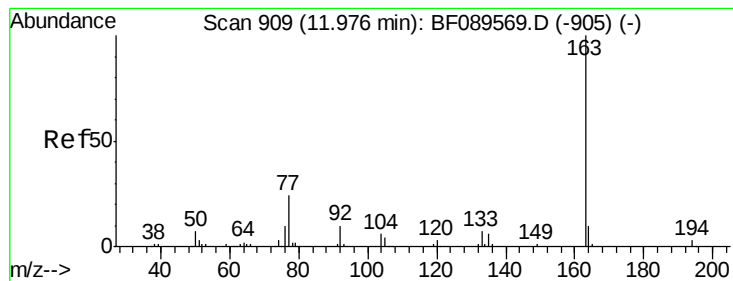
Tot Ion:330 Resp: 28780
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.7 115.1
 141 49.2 40.3 60.5



#44
 2-Fluorobiphenyl
 Concen: 16.37 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF089580.D
 Acq: 4 Aug 2016 5:31

Tgt Ion:172 Resp: 163586
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.1 42.1
 170 23.2 18.6 28.0





#49

Dimethylphthalate

Concen: 5.00 ng

RT: 11.96 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF089580.D

Acq: 4 Aug 2016 5:31

Instrument :

BNA_F

ClientSampleId :

PLSA-001(SEDIMENT-W-SHEEN)

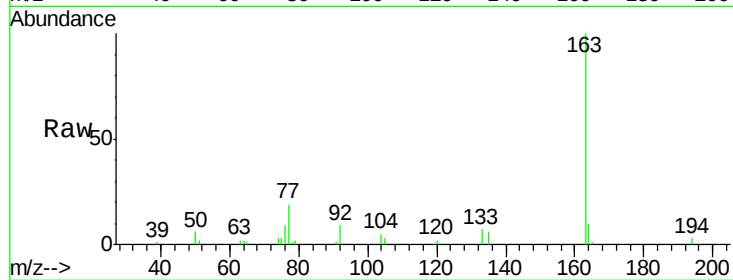
Tot Ion:163 Resp: 49710

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

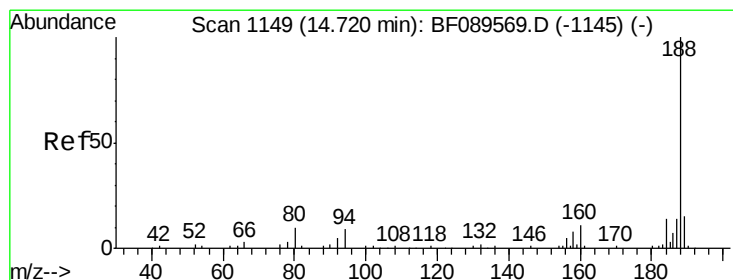
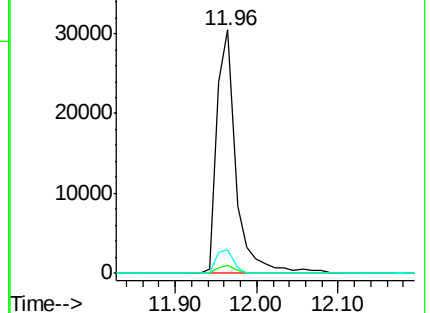
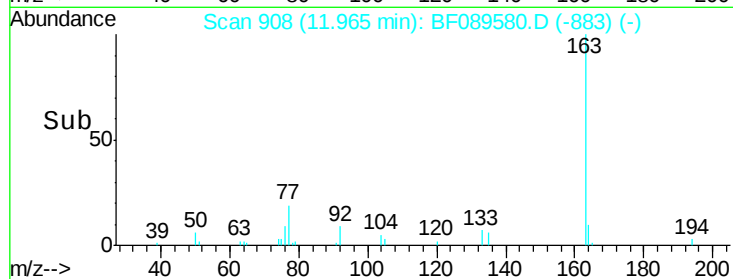
164 9.8 8.2 12.4



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: BF089580.D

Acq: 4 Aug 2016 5:31

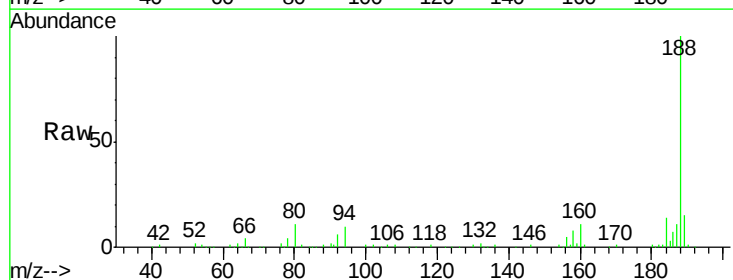
Tgt Ion:188 Resp: 230317

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

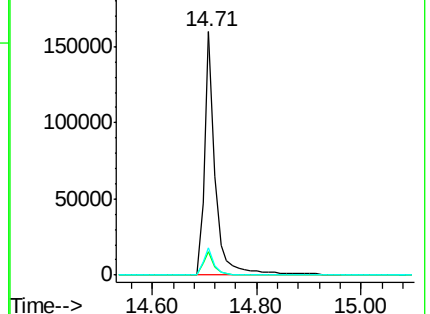
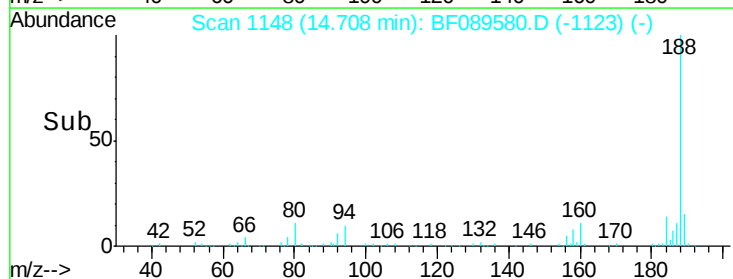
80 11.0 7.7 11.5

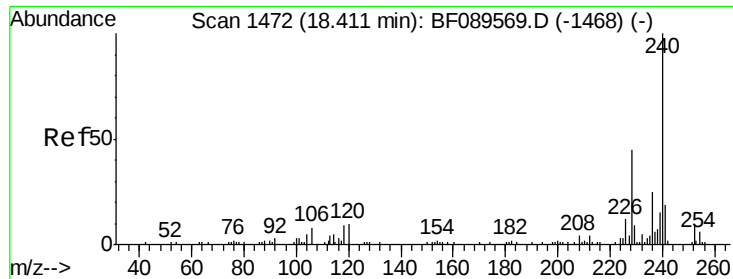


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

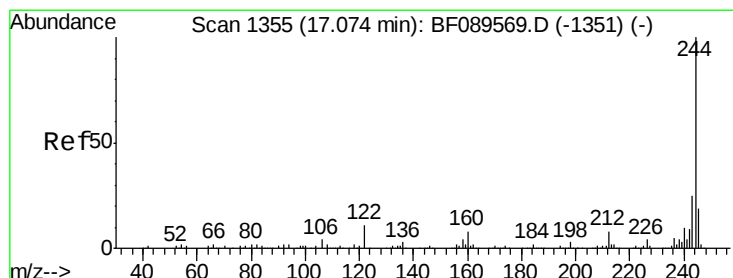
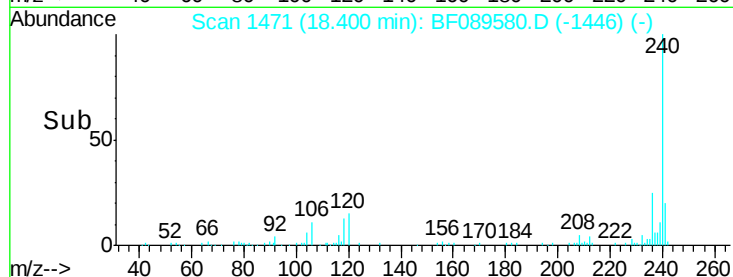
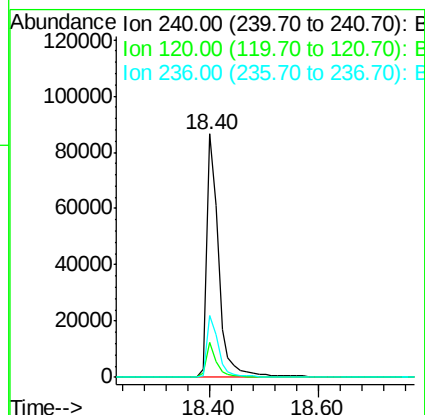
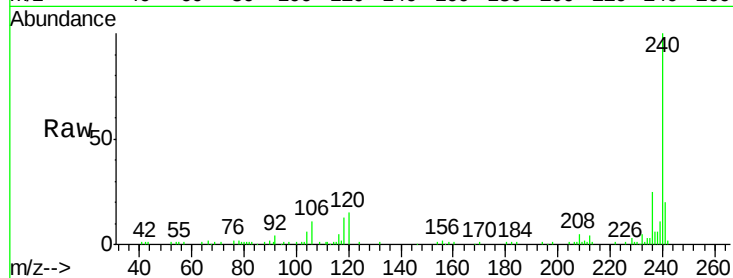




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.40 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF089580.D
 Acq: 4 Aug 2016 5:31

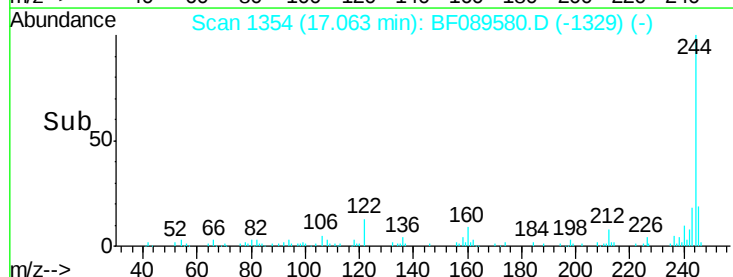
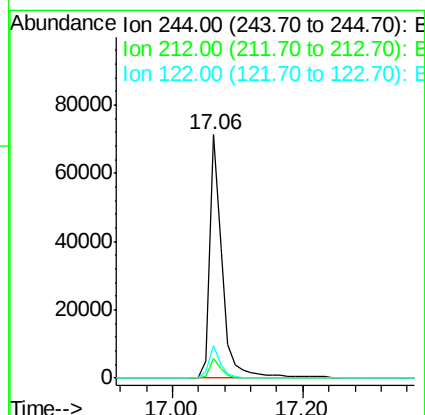
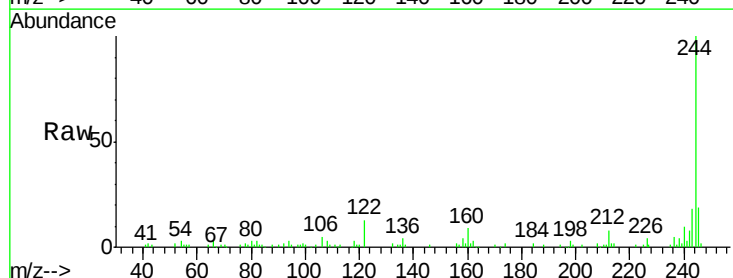
Instrument :
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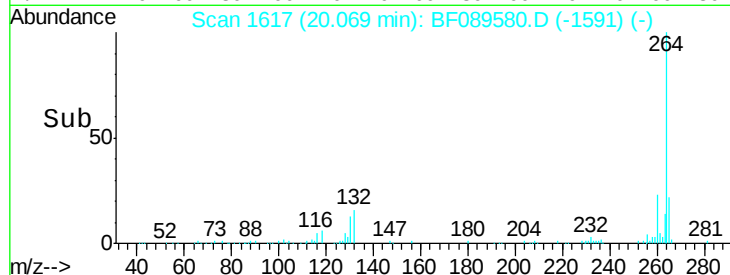
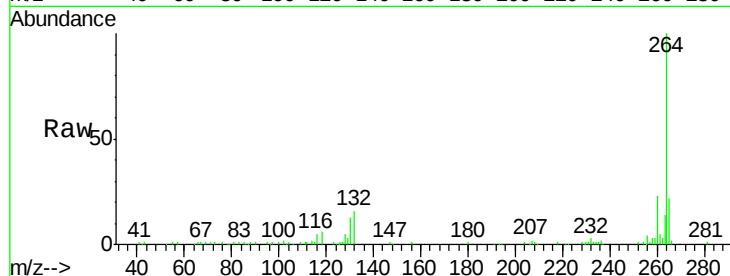
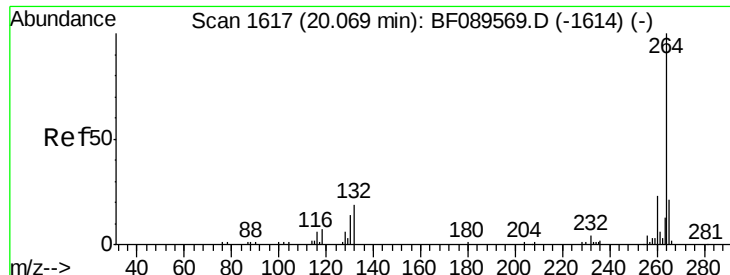
Tot Ion:240 Resp: 131594
 Ion Ratio Lower Upper
 240 100
 120 14.6 8.2 12.2#
 236 25.2 20.3 30.5



#78
 Terphenyl-d14
 Concen: 14.50 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF089580.D
 Acq: 4 Aug 2016 5:31

Tgt Ion:244 Resp: 95109
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 13.2 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: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :
PLSA-001(SEDIMENT-W-SHEEN)

Tot Ion:	264	Resp:	133156
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.5	27.7
265	21.8	16.6	25.0

