

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089583.D
 Acq On : 4 Aug 2016 10:28
 Operator : UM/SJ
 Sample : H4328-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PLSA-003(WATERY-SHEEN)

Quant Time: Aug 04 11:38:37 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

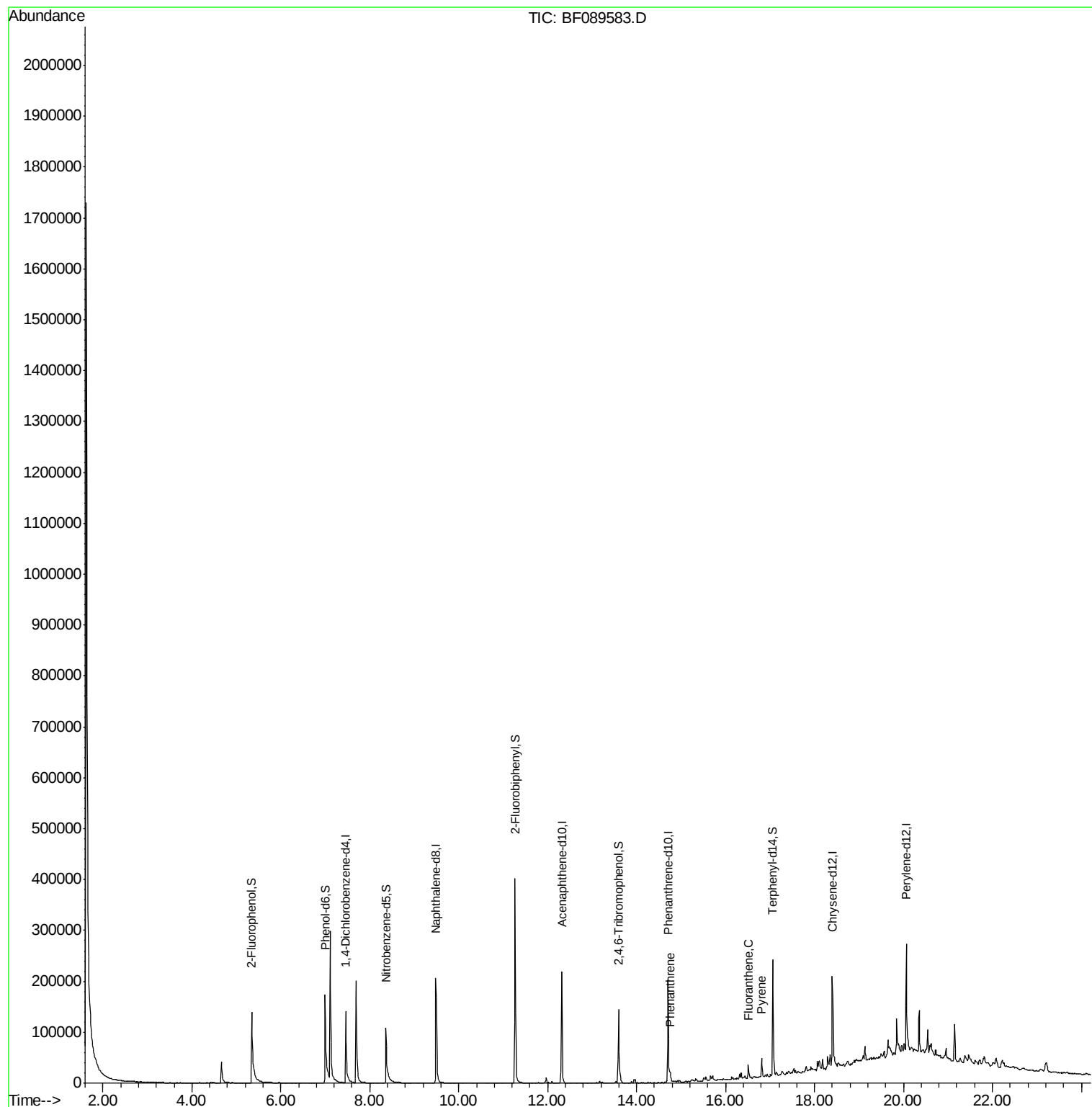
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	43285	20.00	ng	-0.01
21) Naphthalene-d8	9.48	136	178827	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	78096	20.00	ng	0.00
63) Phenanthrene-d10	14.71	188	122169	20.00	ng	-0.01
75) Chrysene-d12	18.40	240	88343	20.00	ng	-0.01
86) Perylene-d12	20.07	264	94434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	107894	41.96	ng	0.00
7) Phenol-d6	6.99	99	151984	43.64	ng	-0.01
23) Nitrobenzene-d5	8.36	82	93178	28.82	ng	-0.01
41) 2,4,6-Tribromophenol	13.60	330	23954	38.62	ng	-0.01
44) 2-Fluorobiphenyl	11.27	172	184590	30.70	ng	-0.01
78) Terphenyl-d14	17.06	244	105837	24.04	ng	-0.01
Target Compounds						
70) Phenanthrene	14.75	178	13970	2.14	ng	99
74) Fluoranthene	16.51	202	17910	2.71	ng	98
77) Pyrene	16.81	202	24066	3.06	ng	98

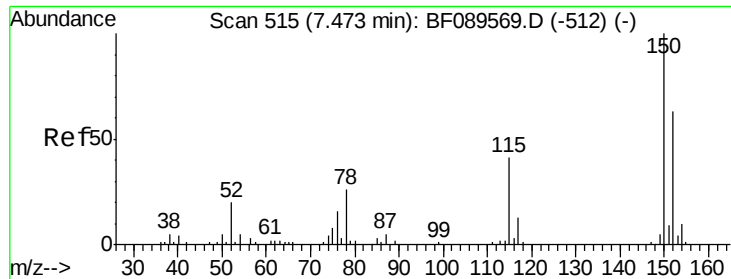
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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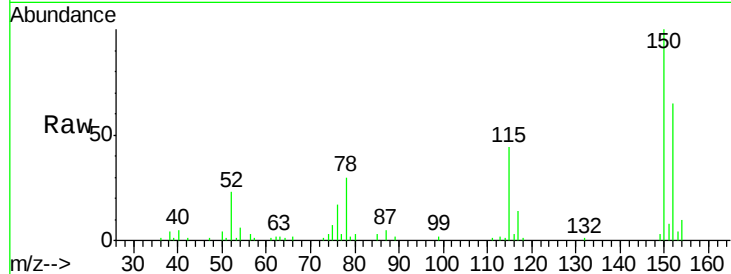


#1

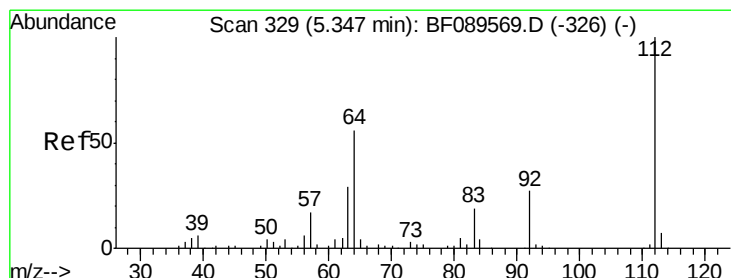
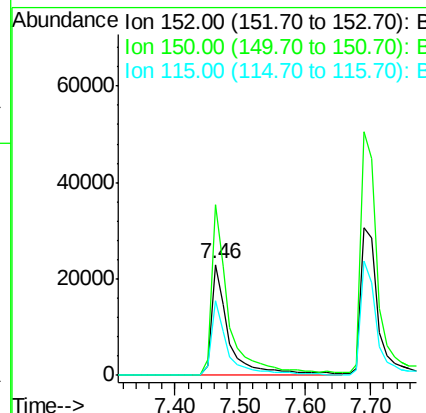
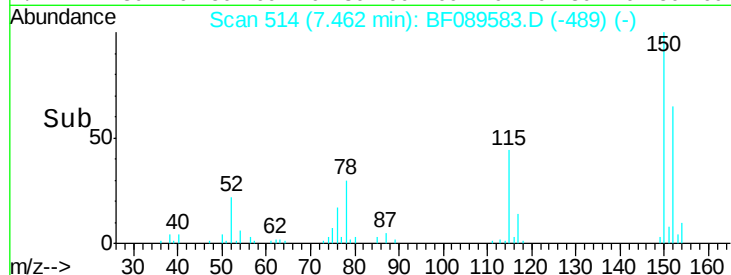
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF089583.D
Acq: 4 Aug 2016 10:28

Instrument :
BNA_F
ClientSampleId :
PLSA-003(WATERY-SHEEN)

Tot Ion:152 Resp: 43285
Ion Ratio Lower Upper
152 100
150 153.6 127.4 191.2
115 67.6 51.8 77.8



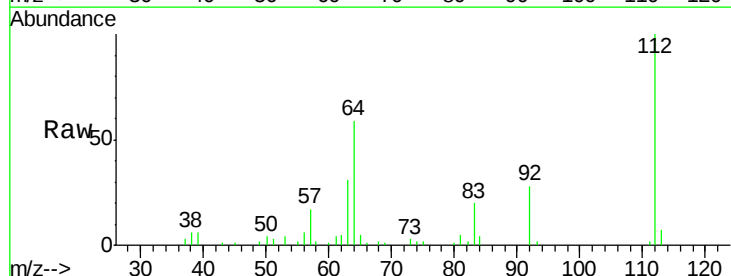
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



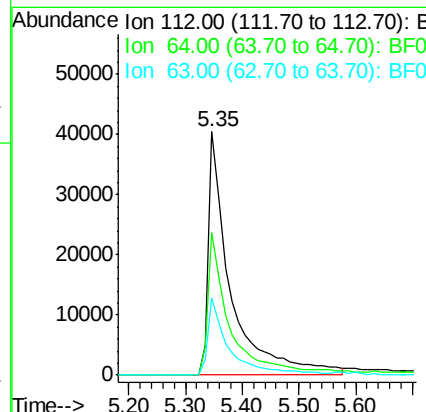
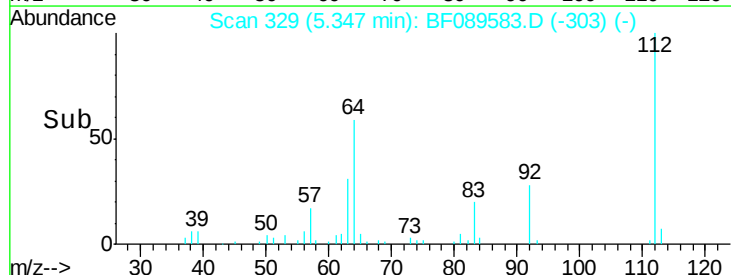
#5

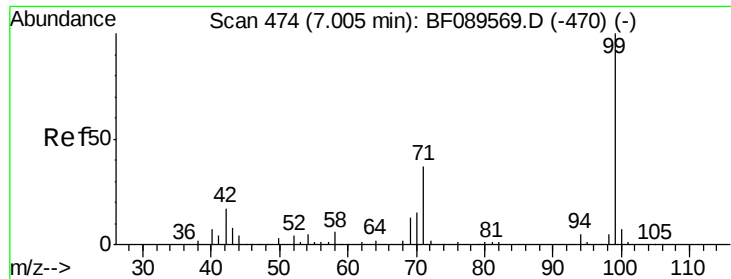
2-Fluorophenol
Concen: 41.96 ng
RT: 5.35 min Scan# 329
Delta R.T. 0.00 min
Lab File: BF089583.D
Acq: 4 Aug 2016 10:28

Tgt Ion:112 Resp: 107894
Ion Ratio Lower Upper
112 100
64 58.7 45.2 67.8
63 31.5 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: 43.64 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF089583.D

Acq: 4 Aug 2016 10:28

Instrument :

BNA_F

ClientSampleId :

PLSA-003(WATERY-SHEEN)

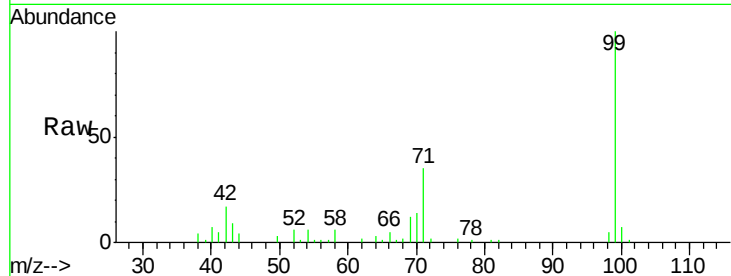
Tot Ion: 99 Resp: 151984

Ion Ratio Lower Upper

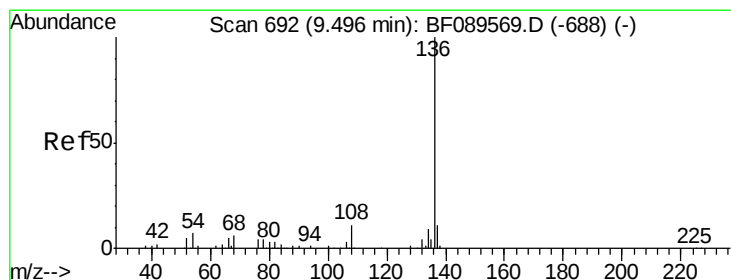
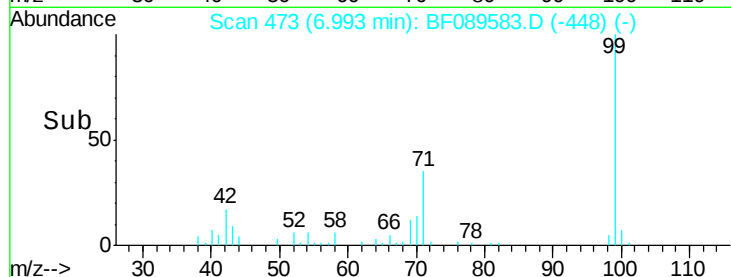
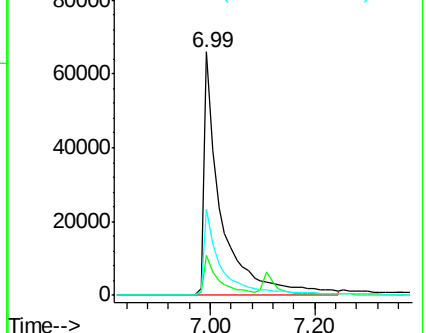
99 100

42 16.7 13.9 20.9

71 35.3 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: BF089583.D

Acq: 4 Aug 2016 10:28

Tgt Ion: 136 Resp: 178827

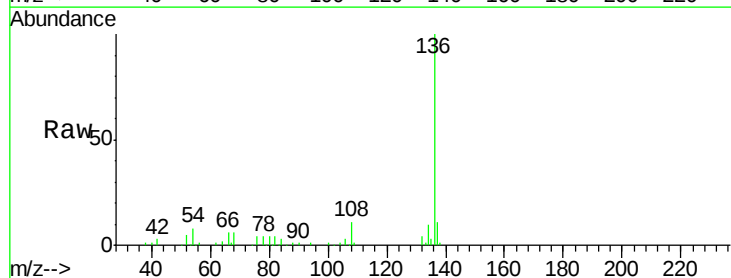
Ion Ratio Lower Upper

136 100

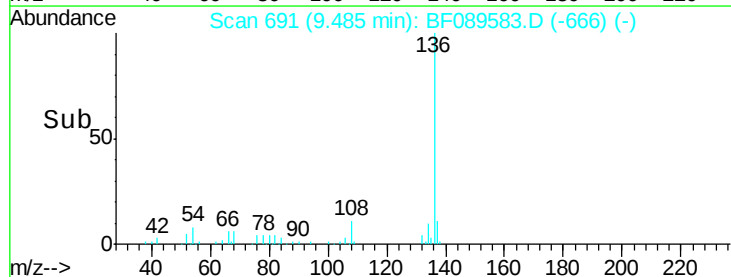
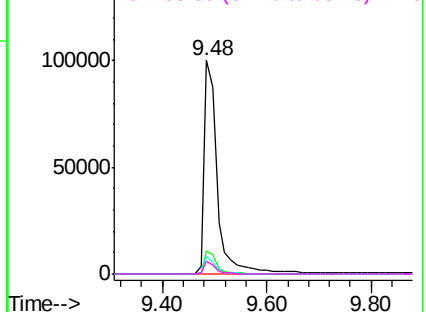
137 10.7 8.8 13.2

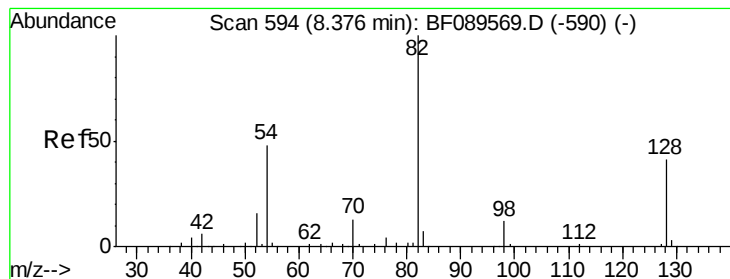
54 8.4 5.9 8.9

68 6.1 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: 28.82 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF089583.D

Acq: 4 Aug 2016 10:28

Instrument :

BNA_F

ClientSampleId :

PLSA-003(WATERY-SHEEN)

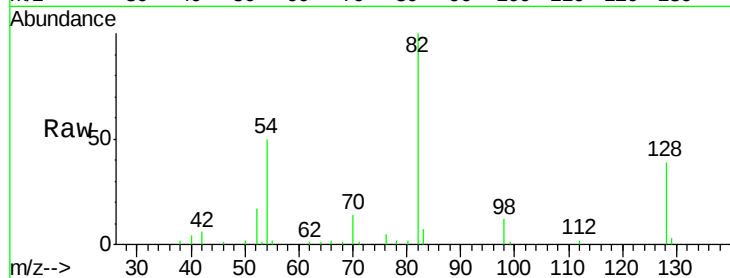
Tot Ion: 82 Resp: 93178

Ion Ratio Lower Upper

82 100

128 38.5 32.4 48.6

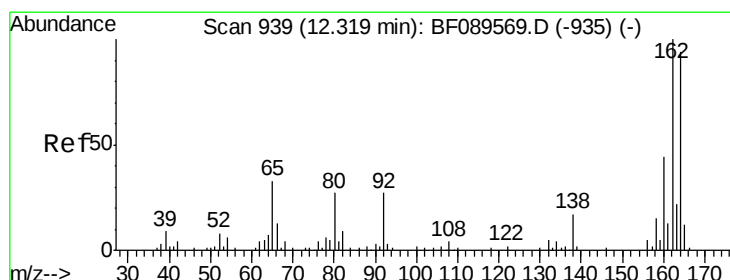
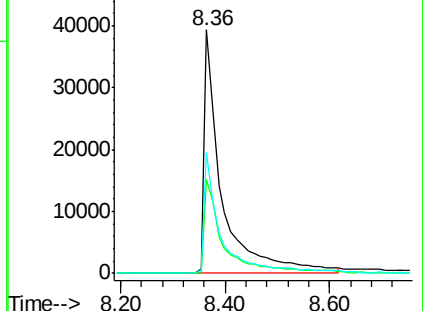
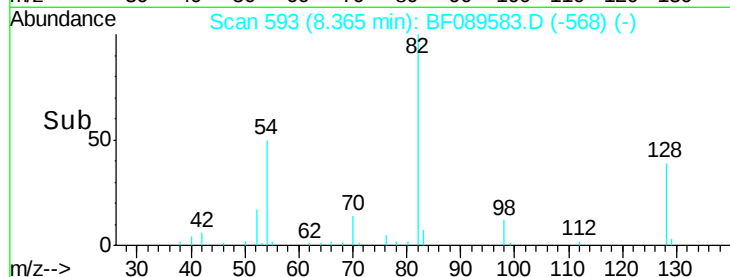
54 49.5 38.6 58.0



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: BF089583.D

Acq: 4 Aug 2016 10:28

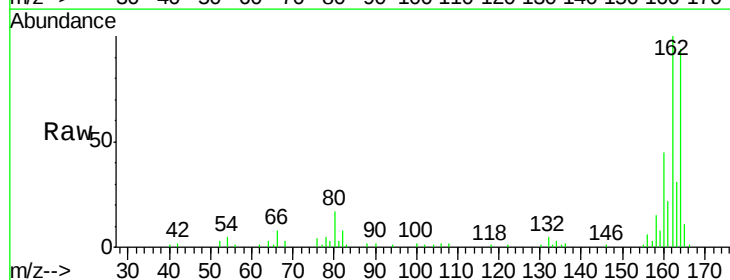
Tgt Ion: 164 Resp: 78096

Ion Ratio Lower Upper

164 100

162 105.8 85.4 128.2

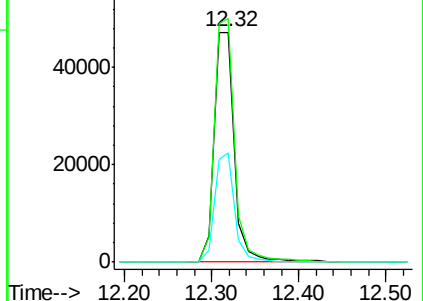
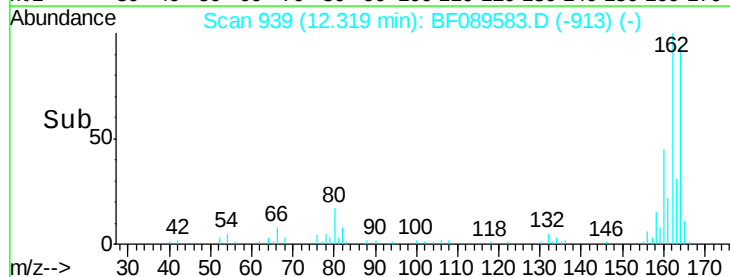
160 47.5 37.3 55.9

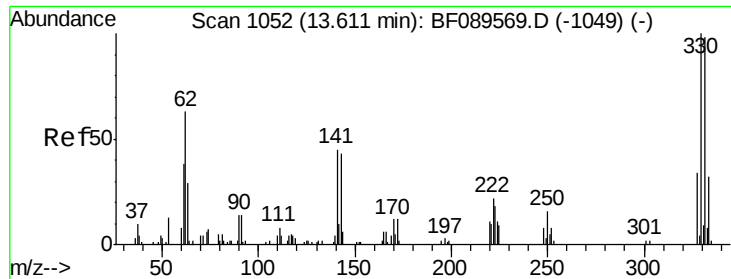


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

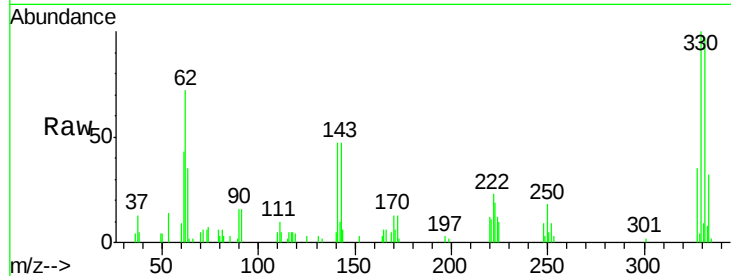




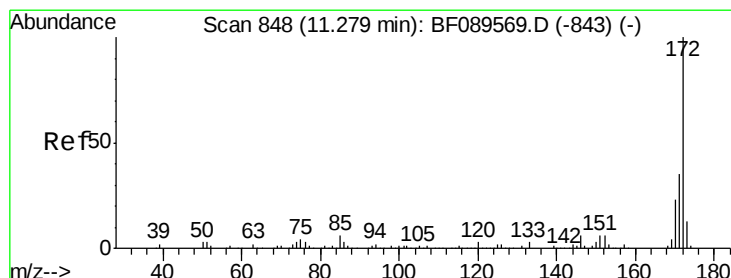
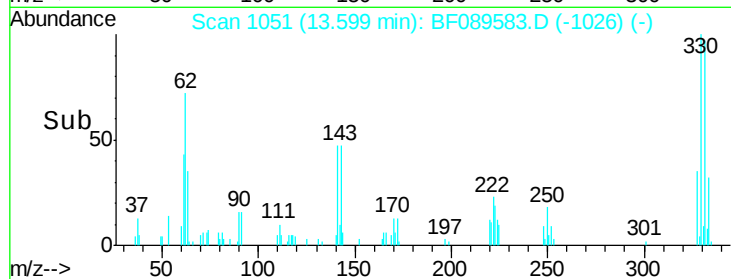
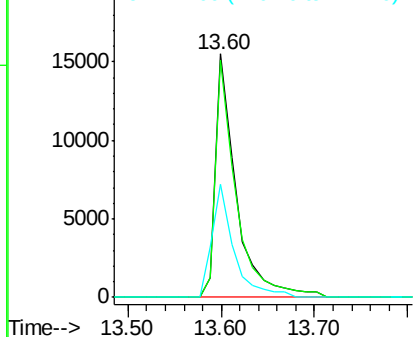
#41
 2,4,6-Tribromophenol
 Concen: 38.62 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF089583.D
 Acq: 4 Aug 2016 10:28

Instrument :
 BNA_F
 ClientSampleId :
 PLSA-003(WATERY-SHEEN)

Tot Ion:330 Resp: 23954
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.7 115.1
 141 49.0 40.3 60.5

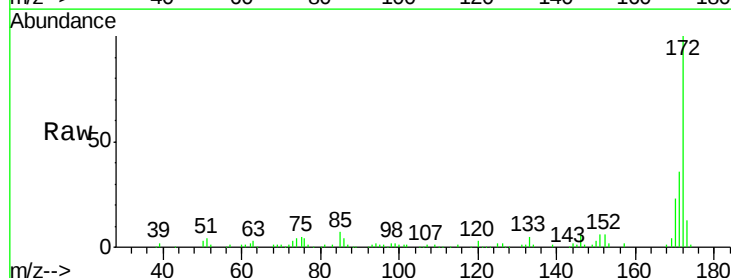


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

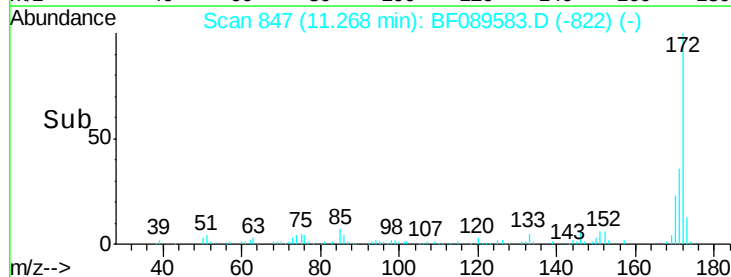
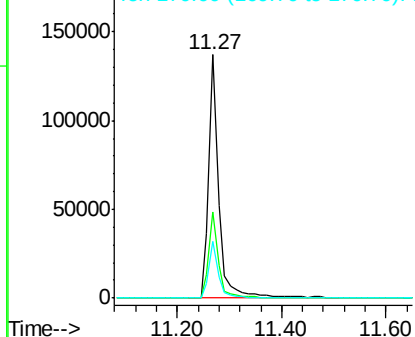


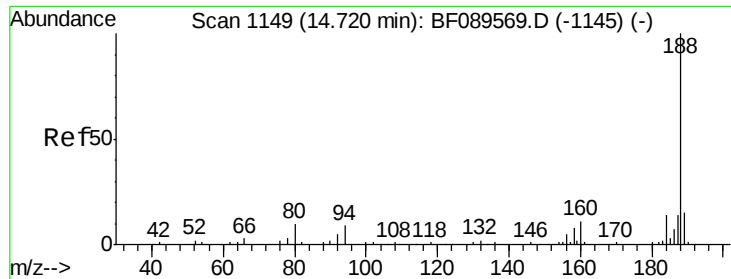
#44
 2-Fluorobiphenyl
 Concen: 30.70 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF089583.D
 Acq: 4 Aug 2016 10:28

Tgt Ion:172 Resp: 184590
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.1 42.1
 170 23.3 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF089583.D

Acq: 4 Aug 2016 10:28

Instrument :

BNA_F

ClientSampleId :

PLSA-003(WATERY-SHEEN)

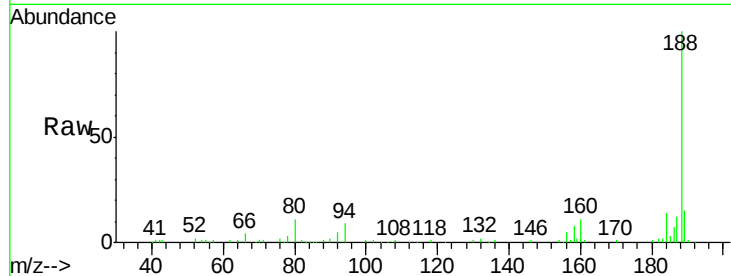
Tot Ion:188 Resp: 122169

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

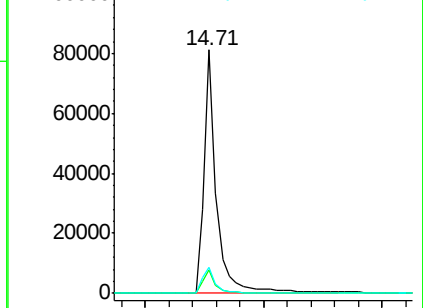
80 10.7 7.7 11.5



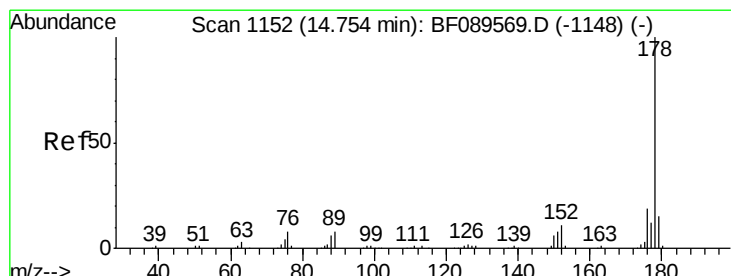
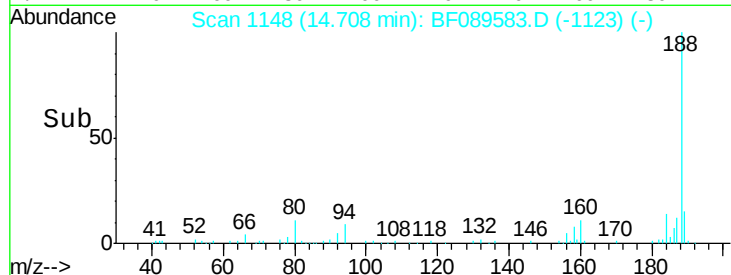
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#70

Phenanthrene

Concen: 2.14 ng

RT: 14.75 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF089583.D

Acq: 4 Aug 2016 10:28

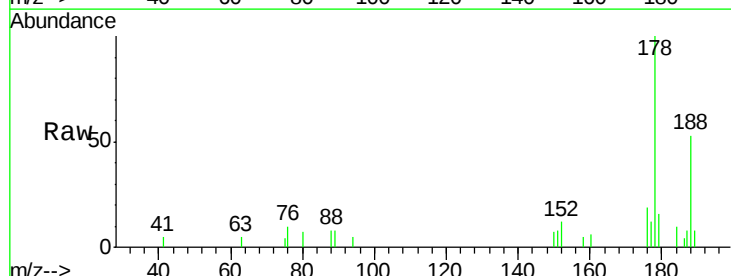
Tgt Ion:178 Resp: 13970

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

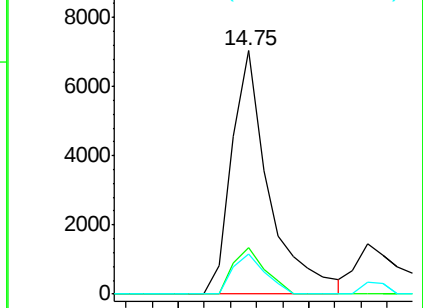
179 16.4 12.2 18.4



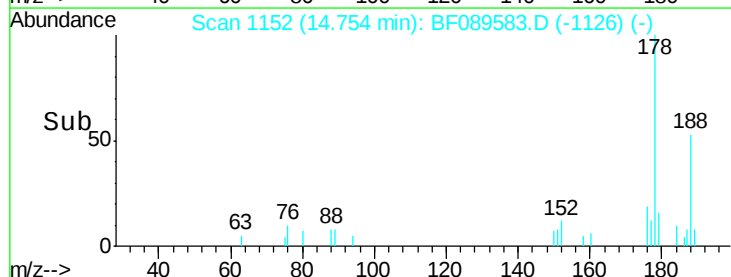
Abundance Ion 178.00 (177.70 to 178.70): E

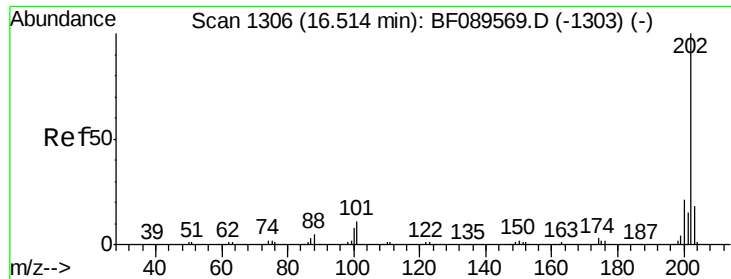
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

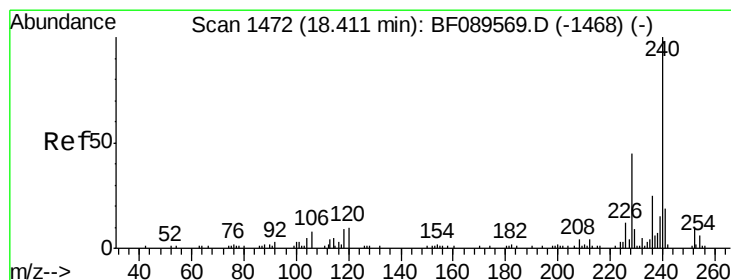
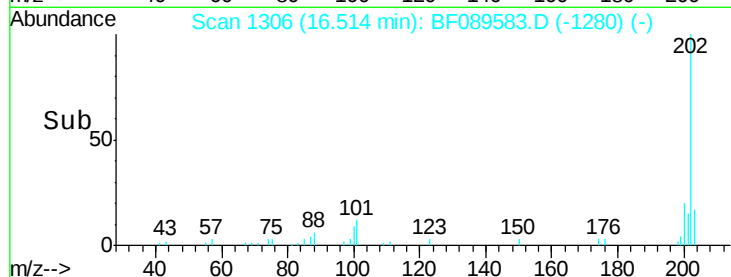
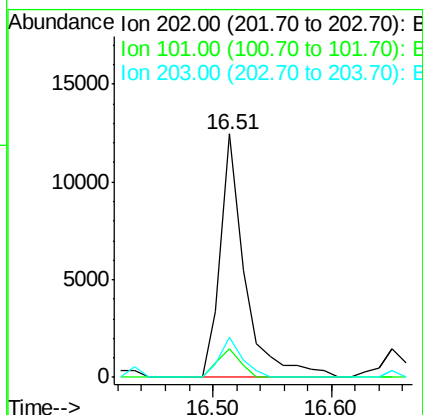
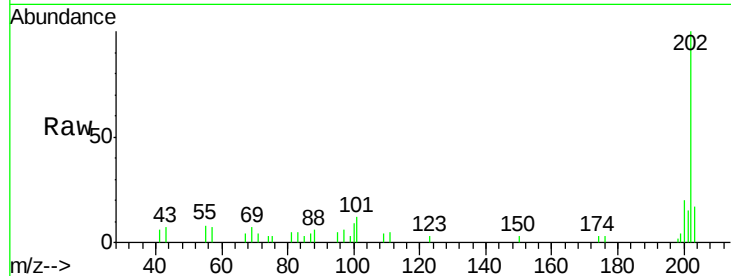




#74
 Fluoranthene
 Concen: 2.71 ng
 RT: 16.51 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF089583.D
 Acq: 4 Aug 2016 10:28

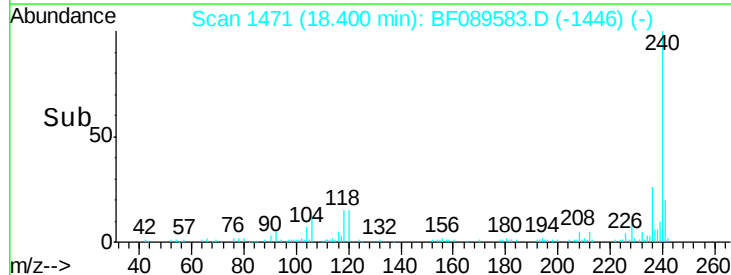
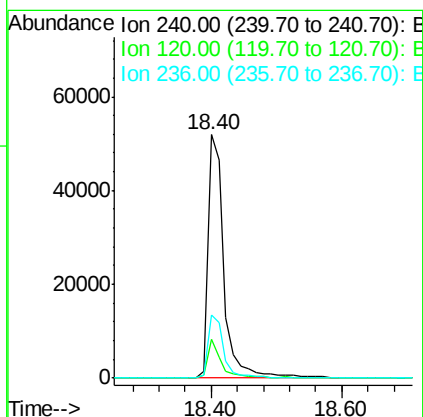
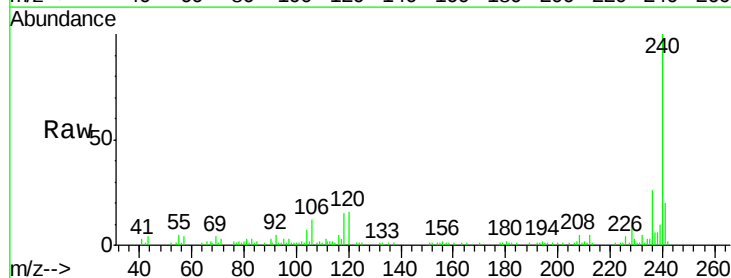
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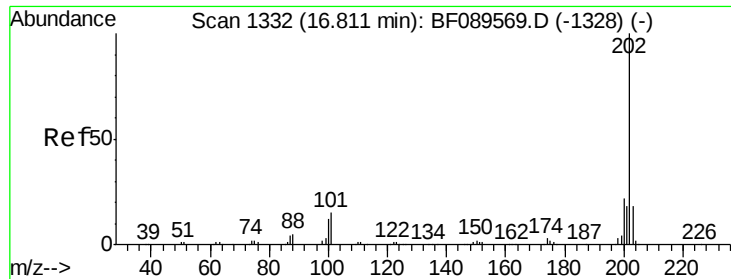
Tot Ion:202 Resp: 17910
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.0
 203 16.6 0.0 37.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.40 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF089583.D
 Acq: 4 Aug 2016 10:28

Tgt Ion:240 Resp: 88343
 Ion Ratio Lower Upper
 240 100
 120 15.8 8.2 12.2#
 236 25.8 20.3 30.5

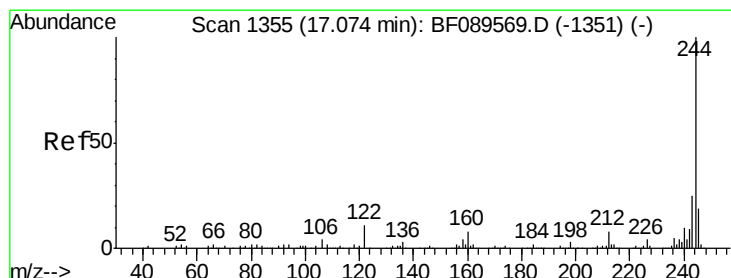
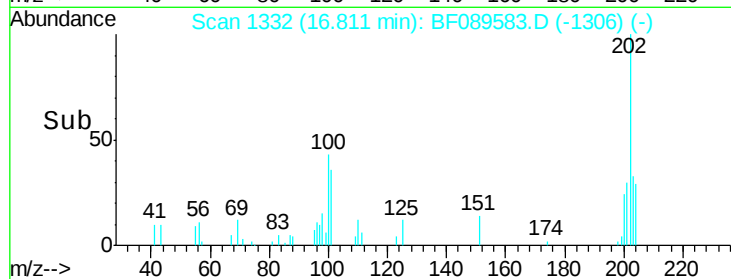
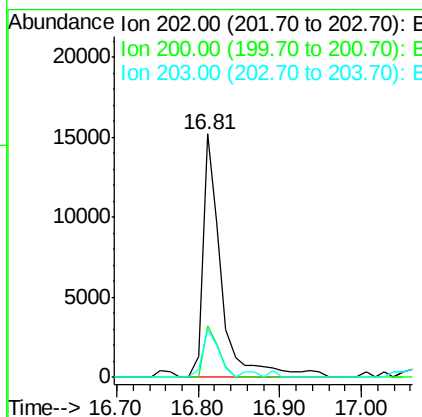
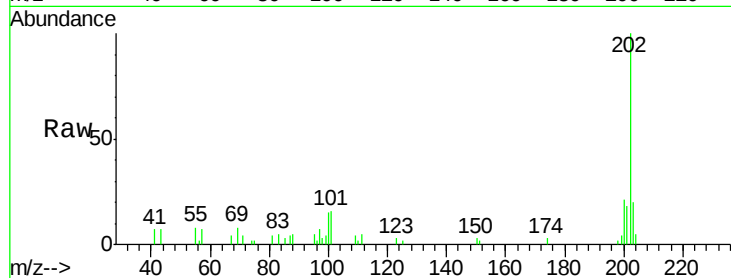




#77
Pvrene
Concen: 3.06 ng
RT: 16.81 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF089583.D
Acq: 4 Aug 2016 10:28

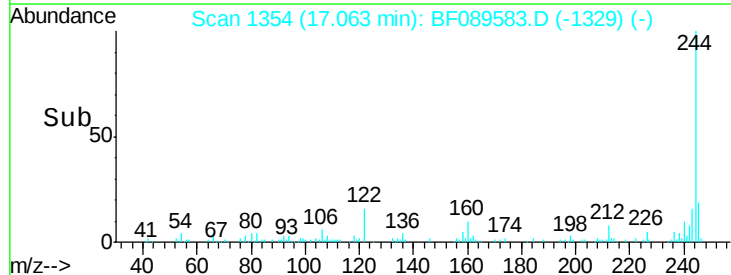
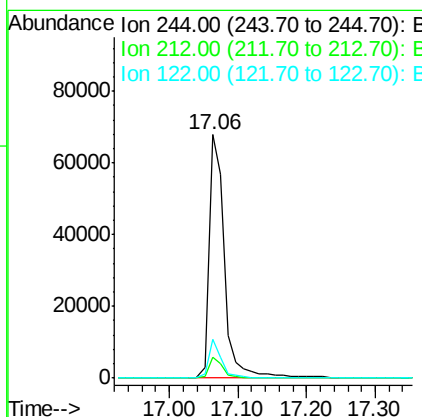
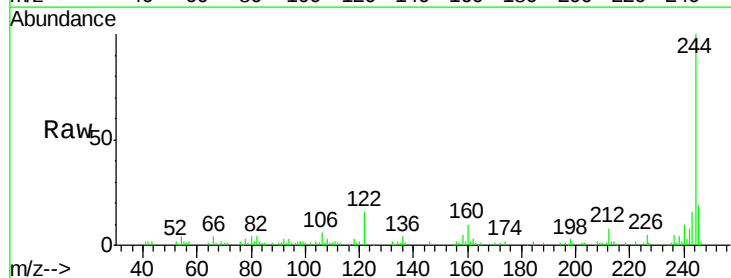
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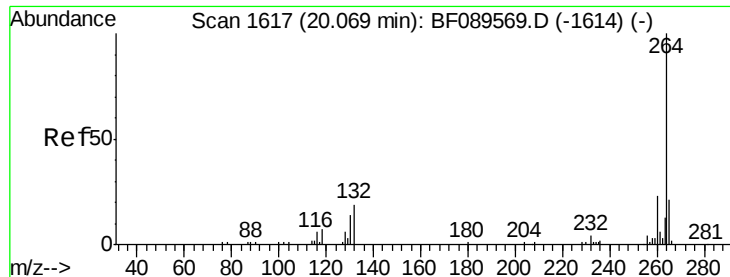
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	19.5	14.2	21.2



#78
Terphenyl-d14
Concen: 24.04 ng
RT: 17.06 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF089583.D
Acq: 4 Aug 2016 10:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.4
122	15.9	8.5	12.7#

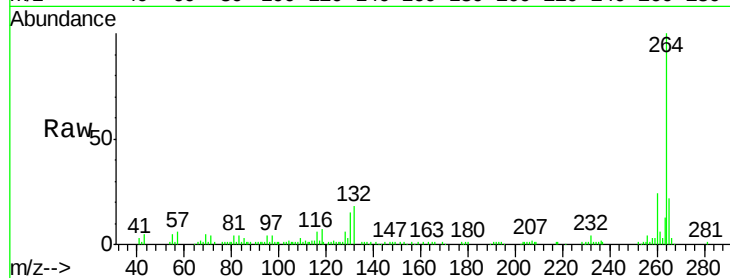




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.07 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BF089583.D
Acq: 4 Aug 2016 10:28

Instrument :
BNA_F
ClientSampleId :
PLSA-003(WATERY-SHEEN)

Tot Ion:264 Resp: 94434
Ion Ratio Lower Upper
264 100
260 23.7 18.5 27.7
265 21.6 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

