

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097403.D
 Acq On : 5 Aug 2017 17:59
 Operator : SJ/JU
 Sample : I4611-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080317-B

Quant Time: Aug 06 04:48:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

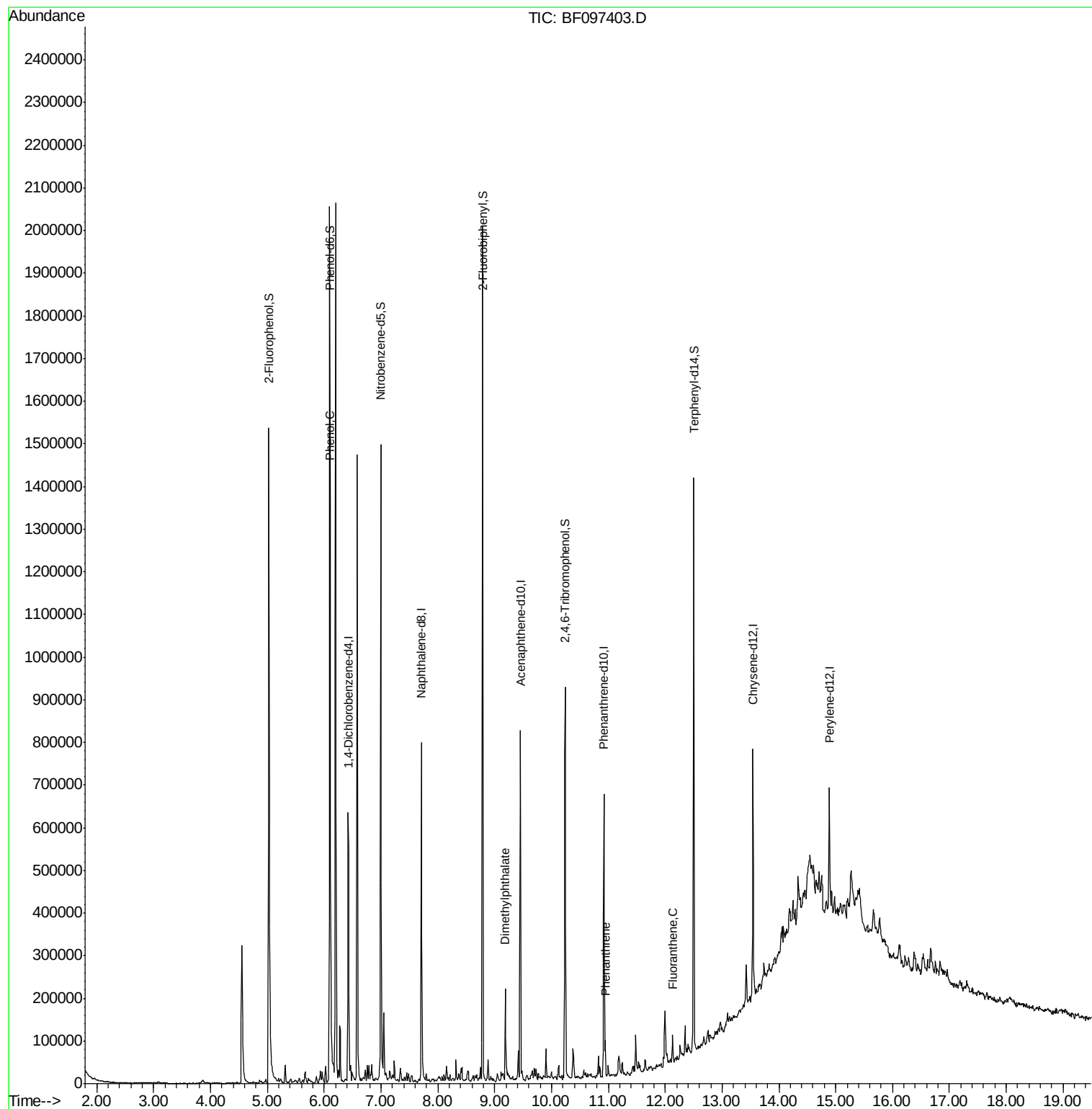
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	96932	20.00	ng	-0.08
21) Naphthalene-d8	7.71	136	373083	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	154526	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	204705	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	181497	20.00	ng	-0.08
86) Perylene-d12	14.89	264	116130	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	557377	86.68	ng	-0.07
7) Phenol-d6	6.10	99	766222	104.38	ng	-0.07
23) Nitrobenzene-d5	7.00	82	441234	69.38	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	97591	79.93	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	600690	65.97	ng	-0.08
78) Terphenyl-d14	12.50	244	376145	42.25	ng	-0.08
Target Compounds						
10) Phenol	6.11	94	23268	2.672	ng	Qvalue # 69
49) Dimethylphthalate	9.19	163	77162	6.576	ng	99
70) Phenanthrene	10.95	178	28943	2.639	ng	99
74) Fluoranthene	12.13	202	24679	2.297	ng	97

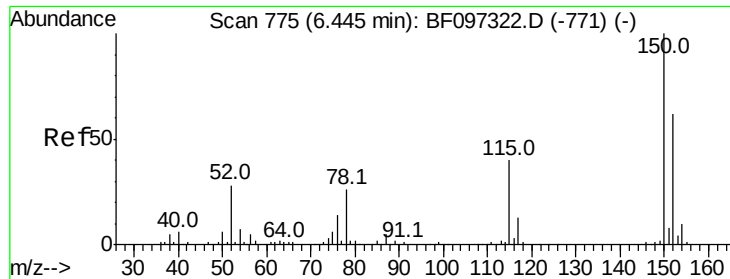
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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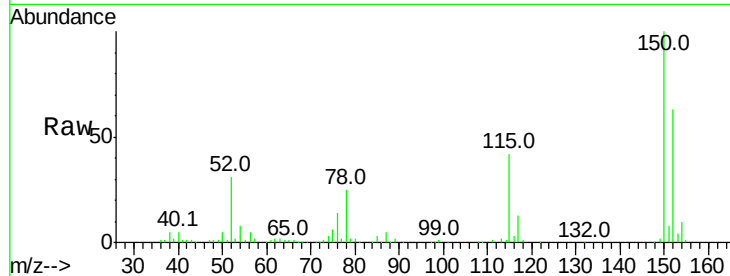


#1

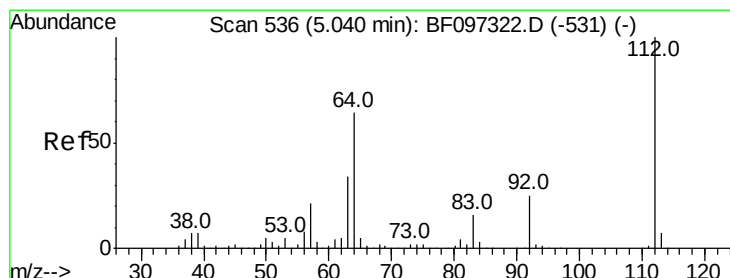
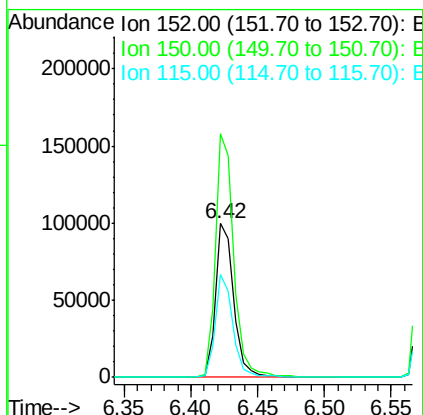
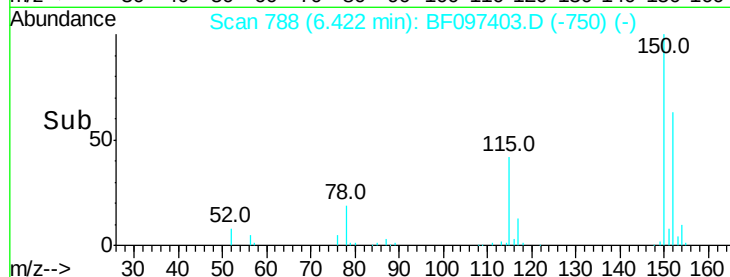
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.42 min Scan# 788
 Delta R.T. -0.08 min
 Lab File: BF097403.D
 Acq: 5 Aug 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080317-B

Tot Ion:152 Resp: 96932
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.2 189.2
 115 66.7 52.2 78.2



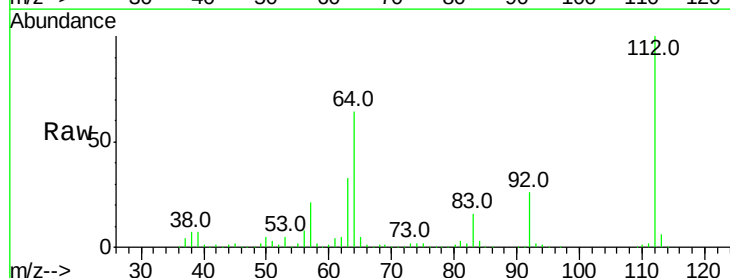
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



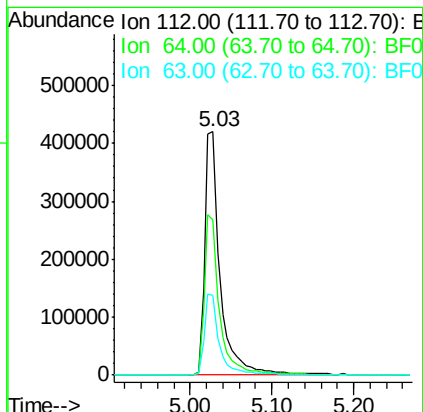
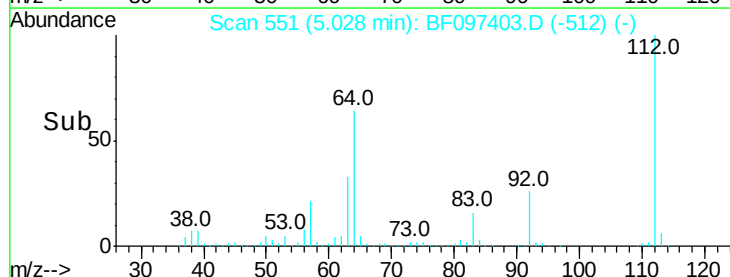
#5

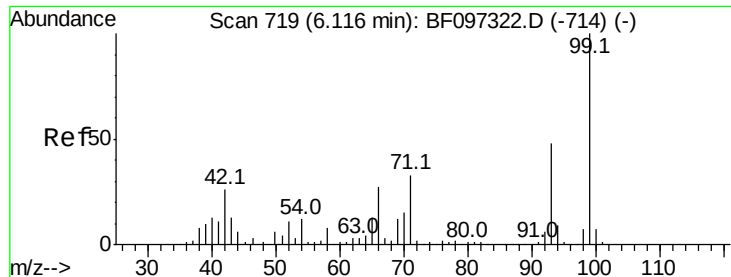
2-Fluorophenol
 Concen: 86.683 ng
 RT: 5.03 min Scan# 551
 Delta R.T. -0.07 min
 Lab File: BF097403.D
 Acq: 5 Aug 2017 17:59

Tgt Ion:112 Resp: 557377
 Ion Ratio Lower Upper
 112 100
 64 64.0 46.0 69.0
 63 32.6 23.4 35.0



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: 104.381 ng

RT: 6.10 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF097403.D

Acq: 5 Aug 2017 17:59

Instrument :

BNA_F

ClientSampleId :

EO-01-080317-B

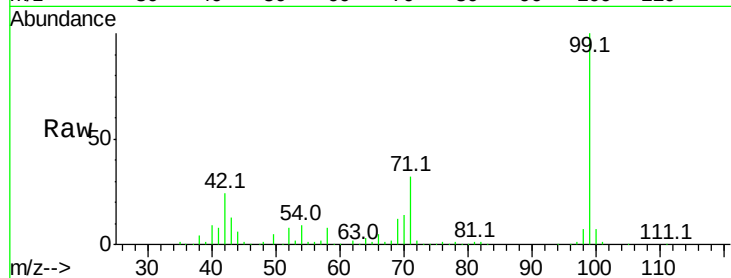
Tot Ion: 99 Resp: 766222

Ion Ratio Lower Upper

99 100

42 23.6 13.5 20.3#

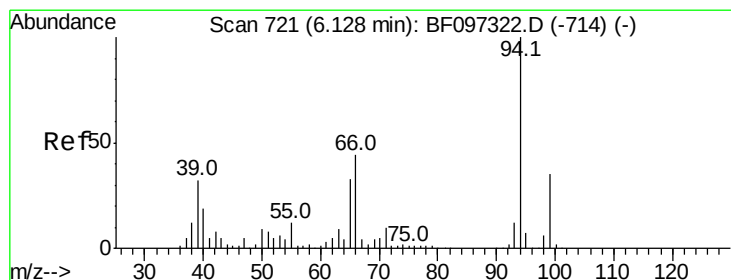
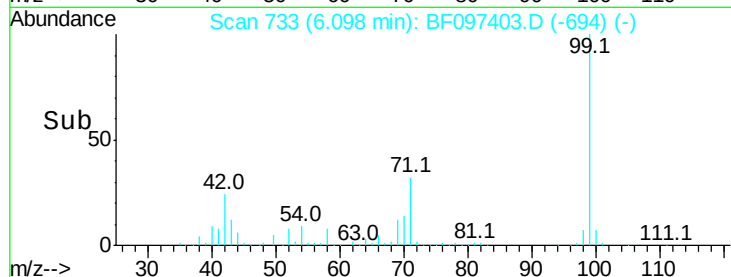
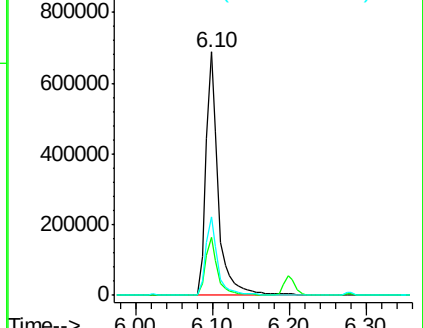
71 32.4 24.5 36.7



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



#10

Phenol

Concen: 2.672 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF097403.D

Acq: 5 Aug 2017 17:59

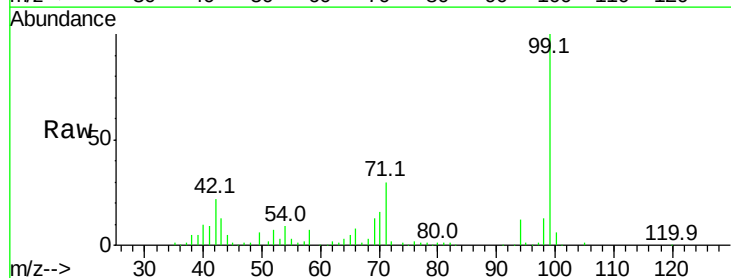
Tgt Ion: 94 Resp: 23268

Ion Ratio Lower Upper

94 100

65 39.4 9.9 49.9

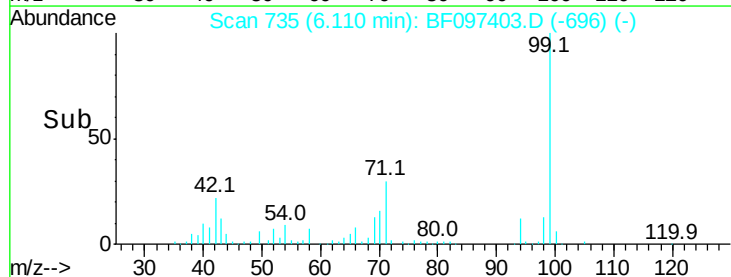
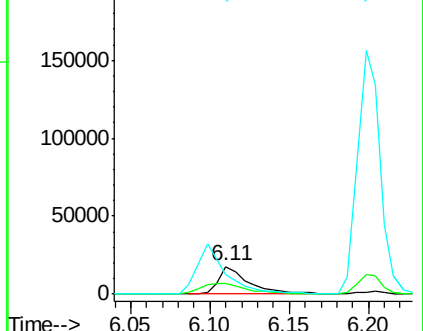
66 69.3 23.1 63.1#

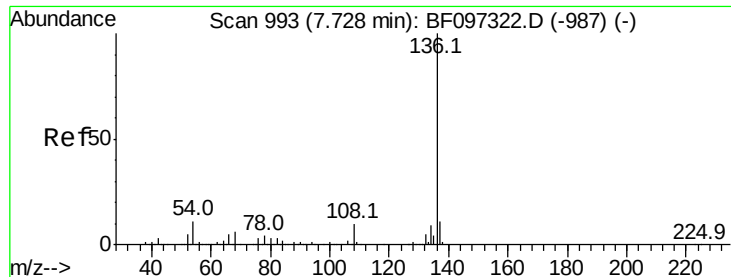


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

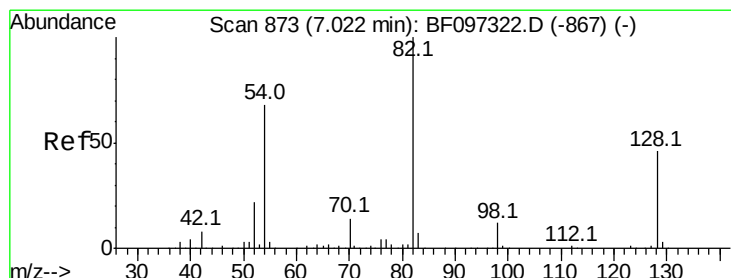
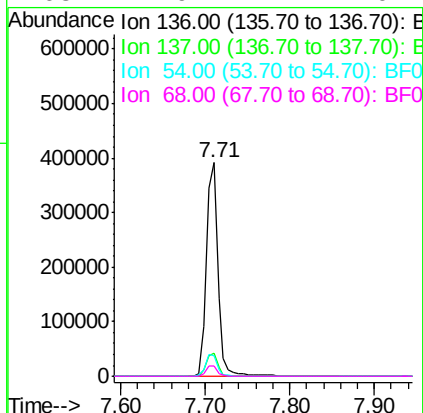
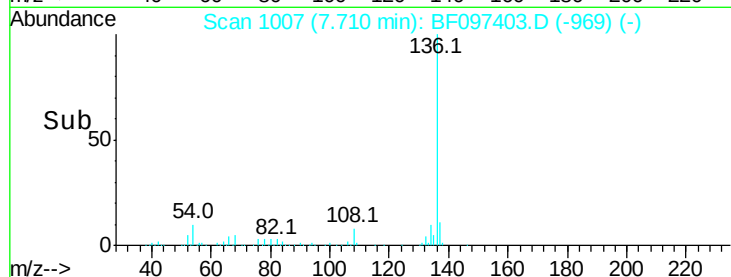
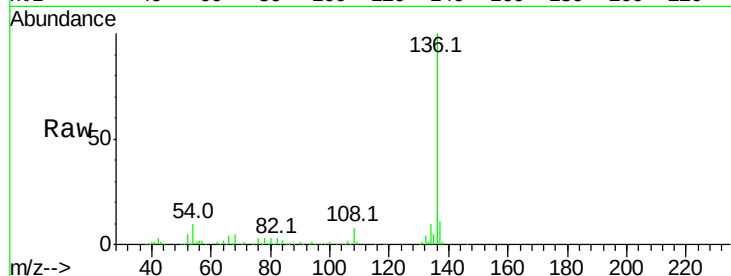




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.71 min Scan# 1007
Delta R.T. -0.08 min
Lab File: BF097403.D
Acq: 5 Aug 2017 17:59

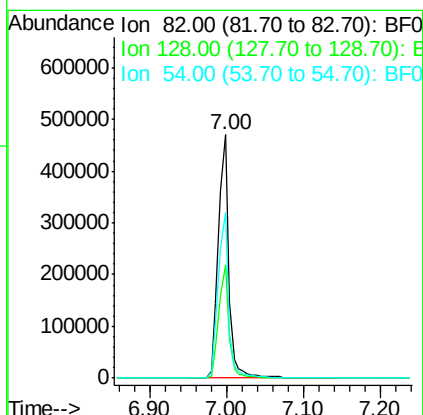
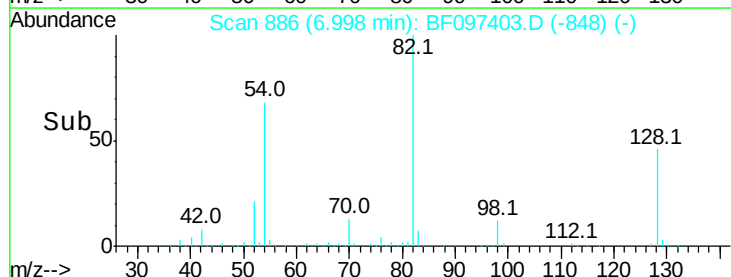
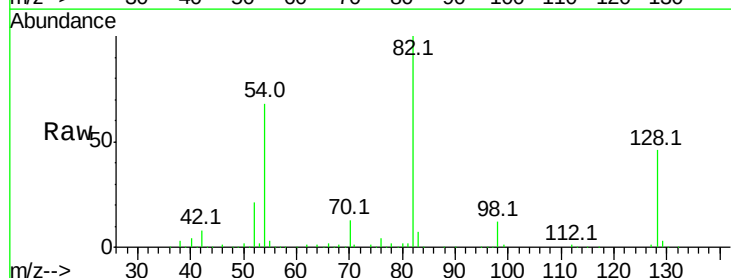
Instrument :
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ClientSampleId :
EO-01-080317-B

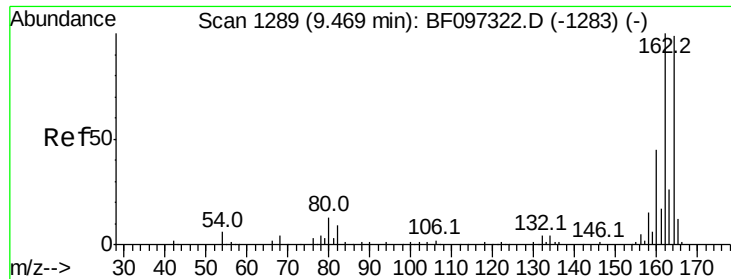
Tot Ion:	136	Resp:	373083
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.6	4.9	7.3#
68	4.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 69.380 ng
RT: 7.00 min Scan# 886
Delta R.T. -0.08 min
Lab File: BF097403.D
Acq: 5 Aug 2017 17:59

Tgt Ion:	82	Resp:	441234
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	68.1	42.2	63.2#

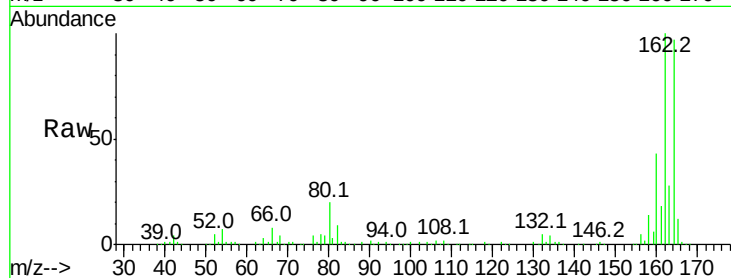




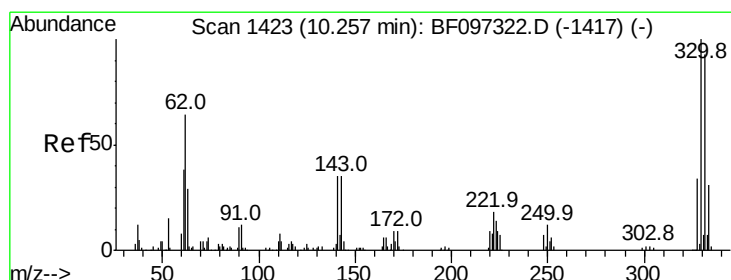
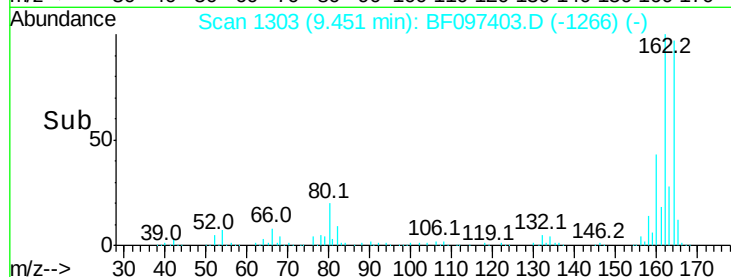
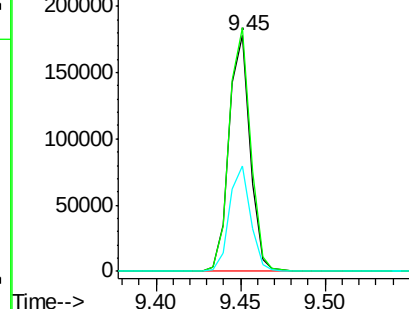
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.08 min
 Lab File: BF097403.D
 Acq: 5 Aug 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080317-B

Tot Ion:164 Resp: 154526
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 44.6 36.2 54.2

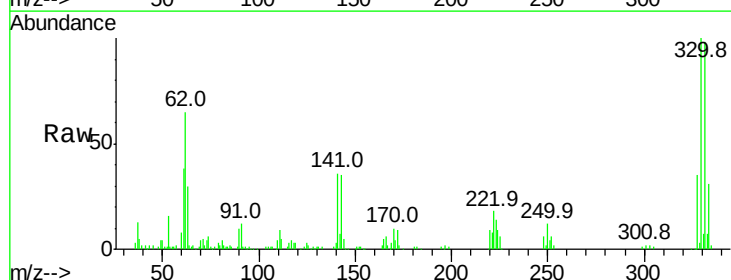


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

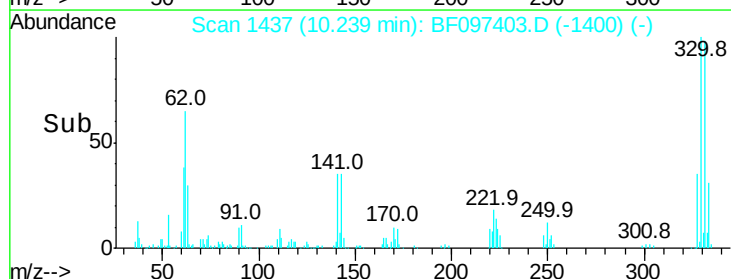
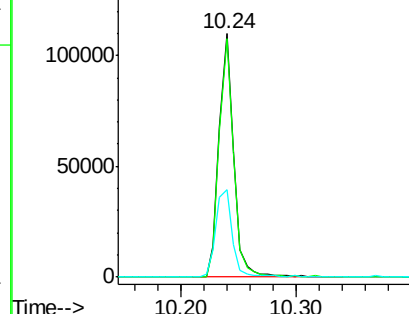


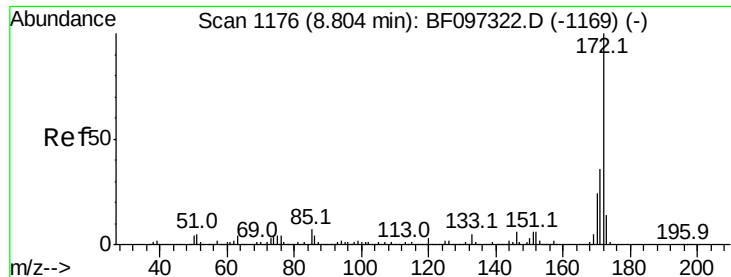
#41
 2,4,6-Tribromophenol
 Concen: 79.933 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097403.D
 Acq: 5 Aug 2017 17:59

Tgt Ion:330 Resp: 97591
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 40.3 31.4 47.2



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

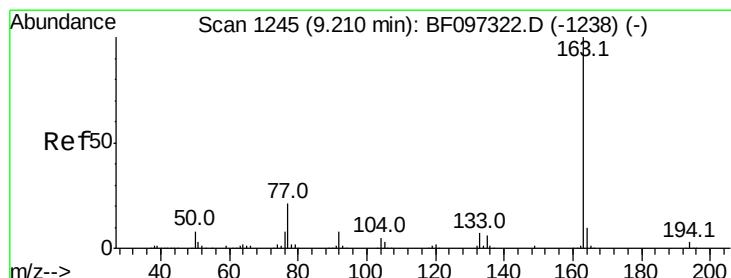
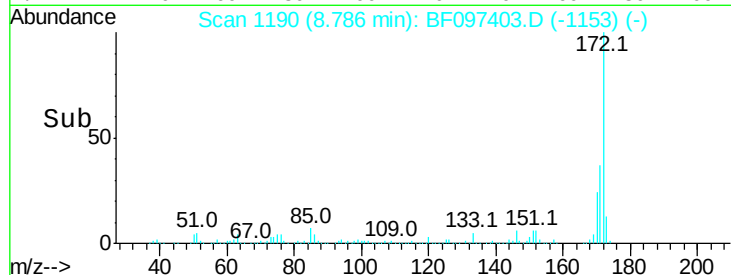
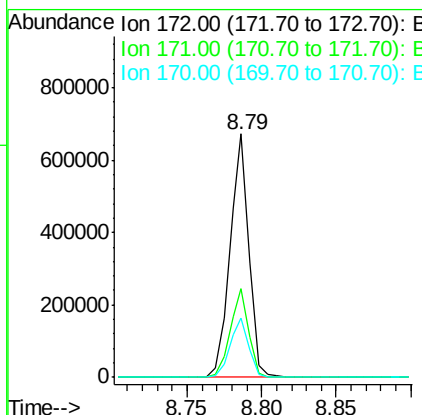
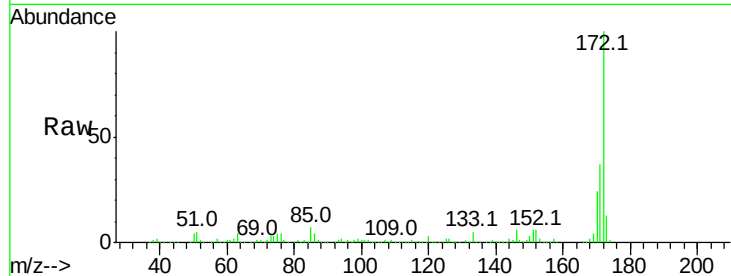




#44
 2-Fluorobiphenyl
 Concen: 65.971 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097403.D
 Acq: 5 Aug 2017 17:59

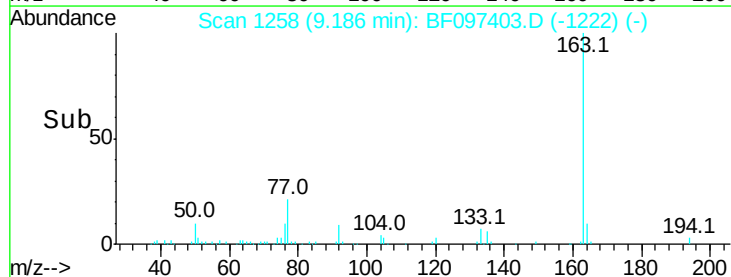
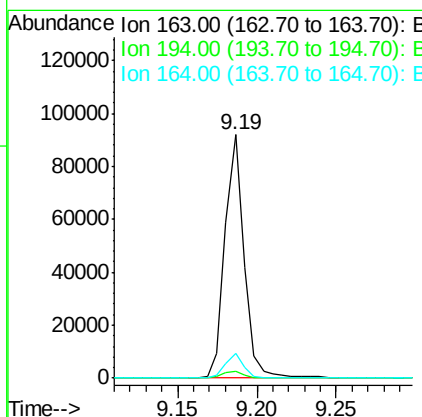
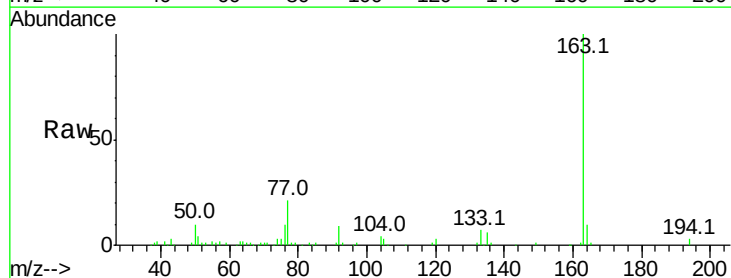
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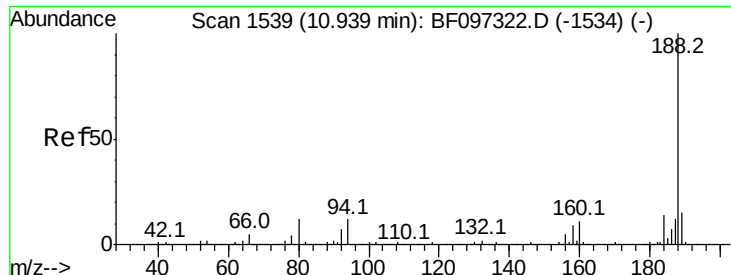
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.2	19.8	29.8



#49
 Dimethylphthalate
 Concen: 6.576 ng
 RT: 9.19 min Scan# 1258
 Delta R.T. -0.09 min
 Lab File: BF097403.D
 Acq: 5 Aug 2017 17:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.1	8.4	12.6

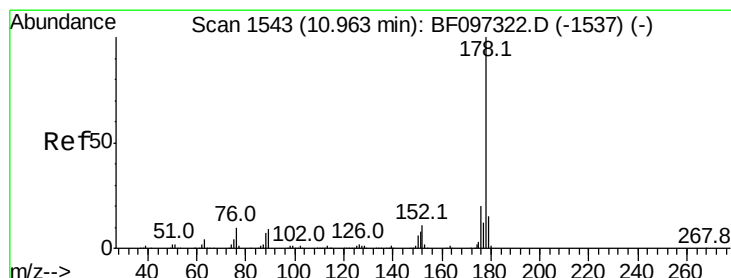
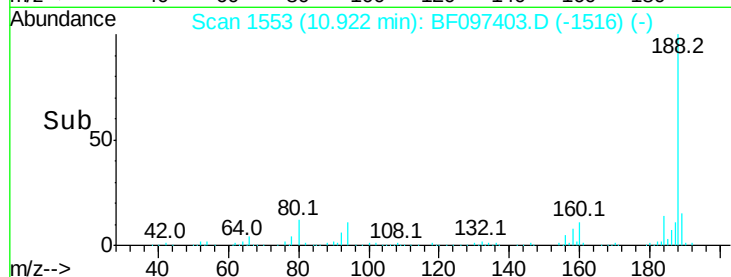
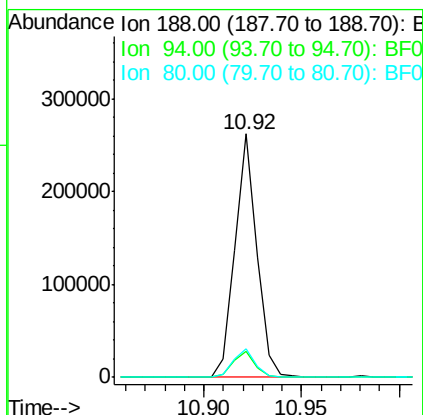
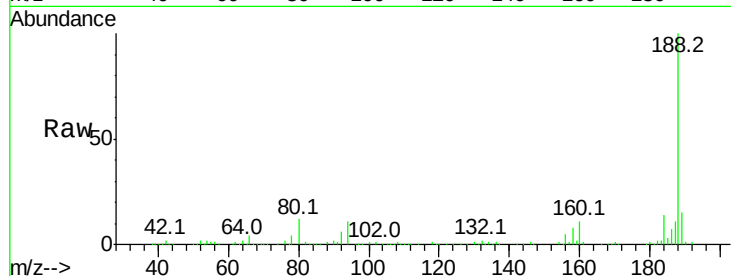




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF097403.D
Acq: 5 Aug 2017 17:59

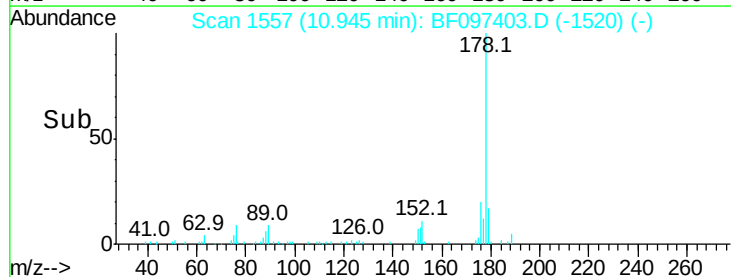
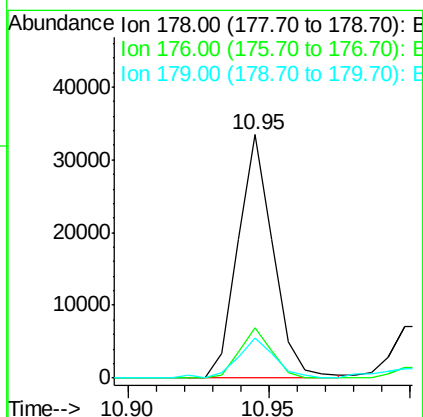
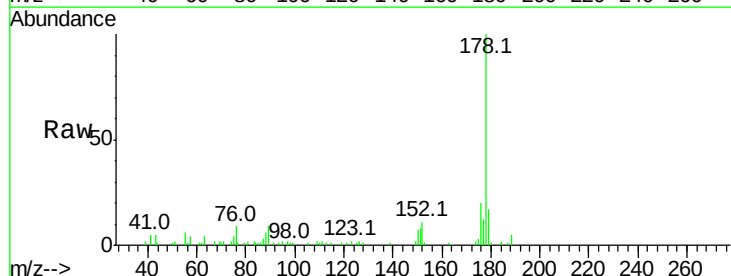
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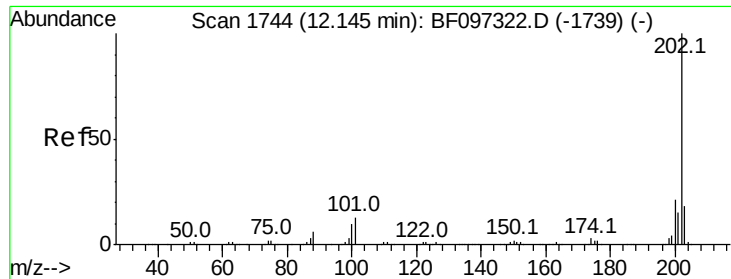
Tot Ion:188 Resp: 204705
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.6 10.2 15.2



#70
Phenanthrene
Concen: 2.639 ng
RT: 10.95 min Scan# 1557
Delta R.T. -0.08 min
Lab File: BF097403.D
Acq: 5 Aug 2017 17:59

Tgt Ion:178 Resp: 28943
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.7 12.6 19.0

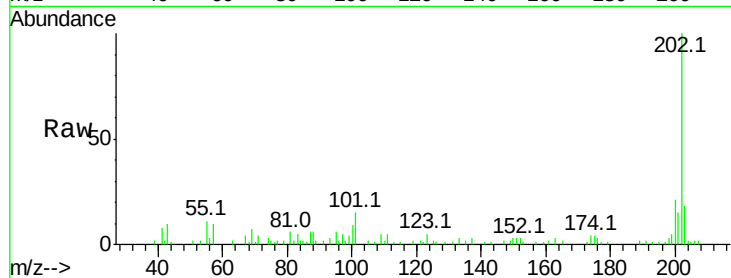




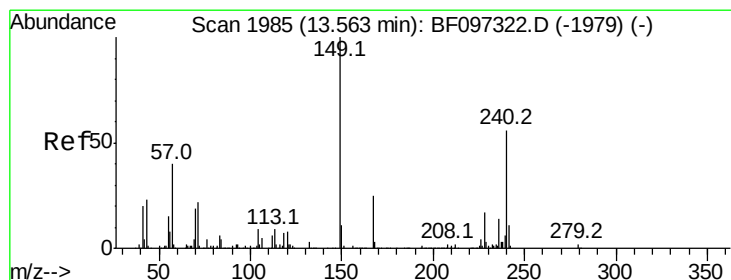
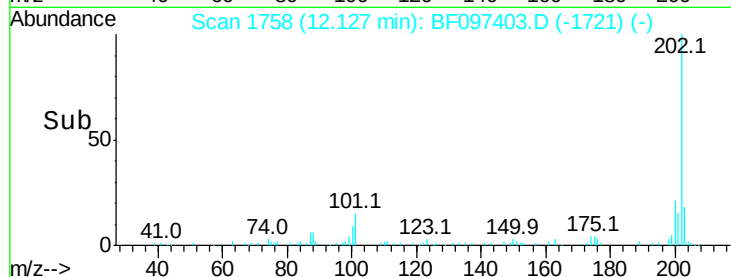
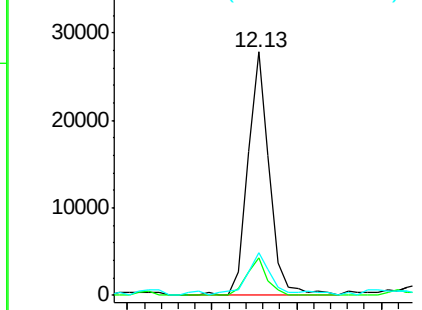
#74
Fluoranthene
 Concen: 2.297 ng
 RT: 12.13 min Scan# 1758
 Delta R.T. -0.08 min
 Lab File: BF097403.D
 Acq: 5 Aug 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080317-B

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	33.2
203	17.8	0.0	38.1

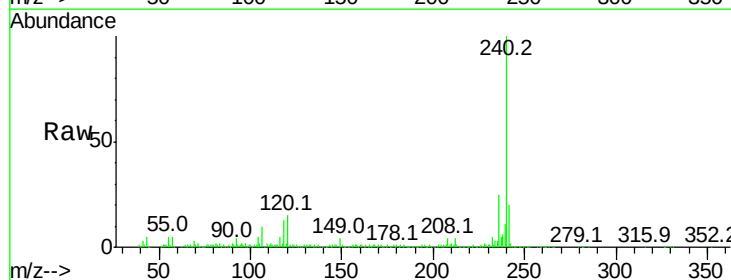


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

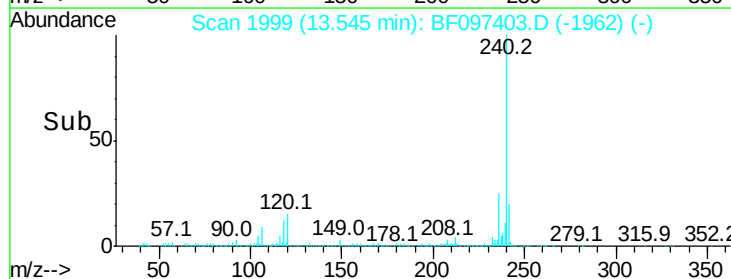
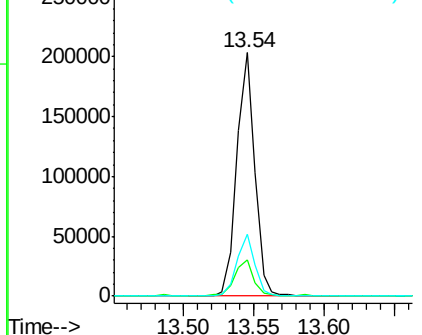


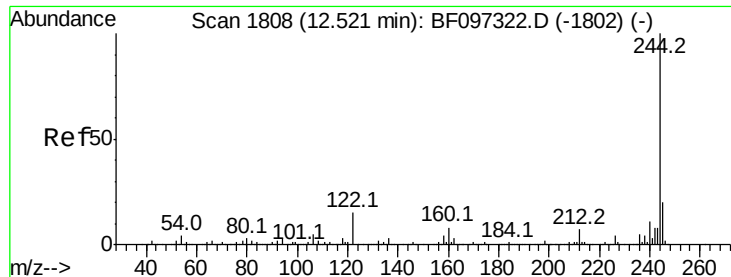
#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.54 min Scan# 1999
 Delta R.T. -0.08 min
 Lab File: BF097403.D
 Acq: 5 Aug 2017 17:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	25.4	20.5	30.7



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: 42.254 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097403.D

Acq: 5 Aug 2017 17:59

Instrument :

BNA_F

ClientSampleId :

EO-01-080317-B

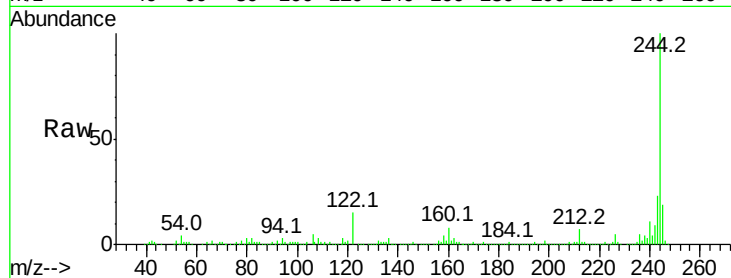
Tot Ion:244 Resp: 376145

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

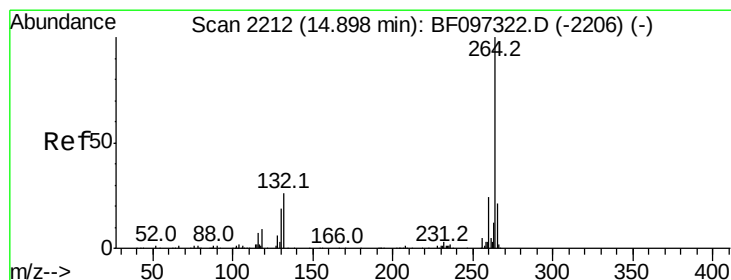
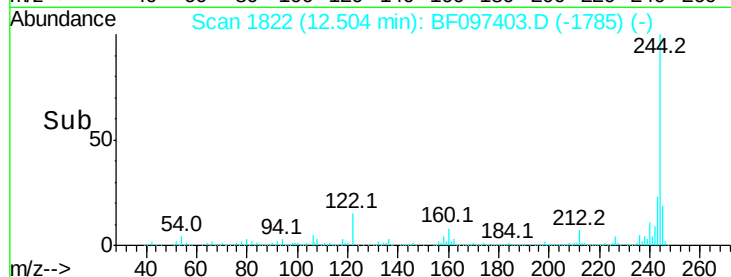
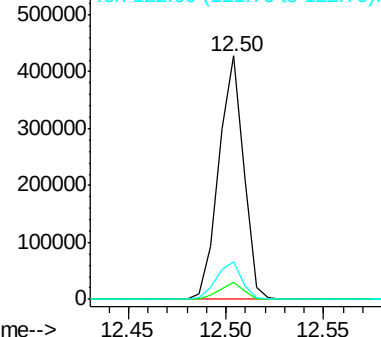
122 15.3 10.3 15.5



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: 20.000 ng

RT: 14.89 min Scan# 2227

Delta R.T. -0.09 min

Lab File: BF097403.D

Acq: 5 Aug 2017 17:59

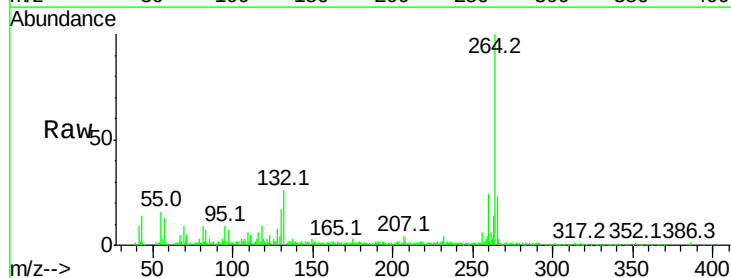
Tgt Ion:264 Resp: 116130

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.9 17.2 25.8



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

