

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108396.D
 Acq On : 22 Aug 2018 21:12
 Operator : JU/SJ
 Sample : J4278-09 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-082118-B

Quant Time: Aug 23 05:36:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	167866	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	644438	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	292890	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	482774	20.00	ng	0.00
75) Chrysene-d12	14.19	240	326248	20.00	ng	0.00
86) Perylene-d12	15.75	264	299511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	75566	8.15	ng	-0.01
7) Phenol-d6	6.61	99	104354	8.47	ng	-0.02
23) Nitrobenzene-d5	7.56	82	64584	5.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	18818	6.44	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	136366	7.47	ng	-0.01
78) Terphenyl-d14	13.12	244	95130	7.41	ng	0.00

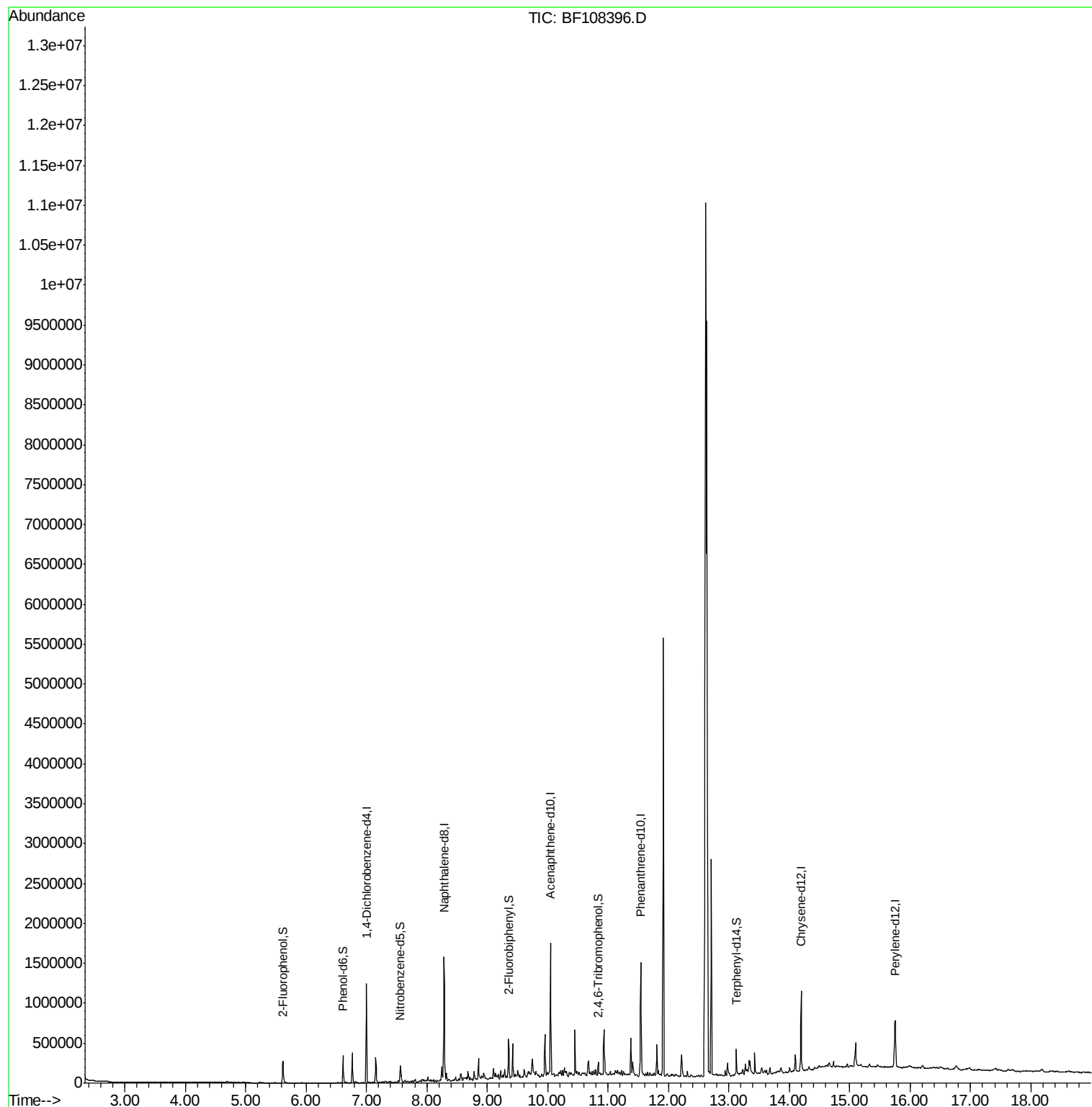
Target Compounds Qvalue

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

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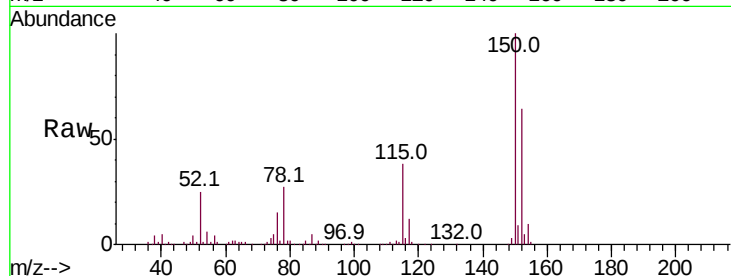


#1

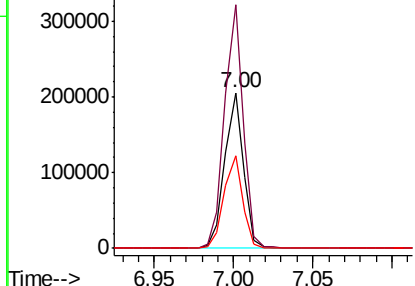
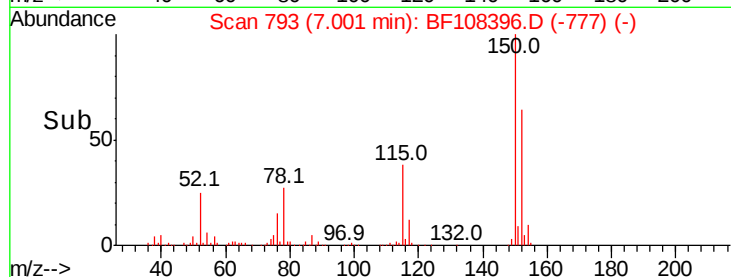
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108396.D
Acq: 22 Aug 2018 21:12

Instrument :
BNA_F
ClientSampleId :
EO-01-082118-B

Tot Ion:152 Resp: 167866
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 59.9 50.1 75.1



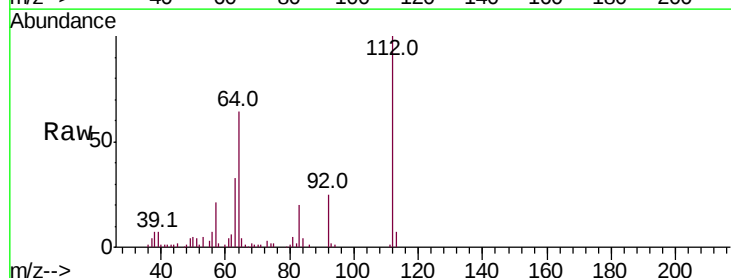
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



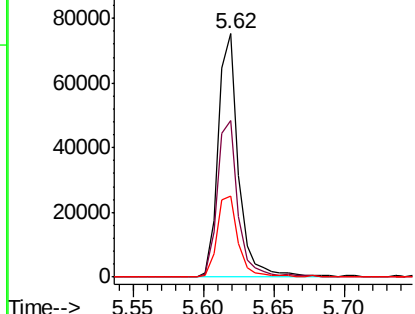
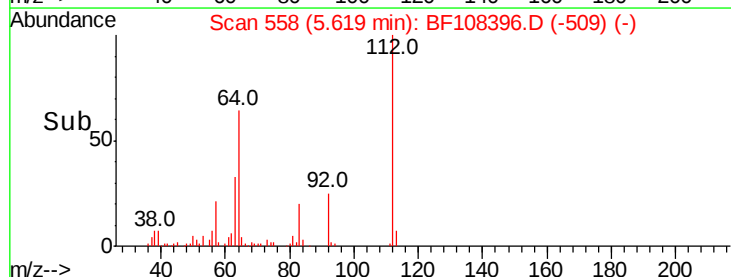
#5

2-Fluorophenol
Concen: 8.150 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108396.D
Acq: 22 Aug 2018 21:12

Tgt Ion:112 Resp: 75566
Ion Ratio Lower Upper
112 100
64 64.1 47.9 71.9
63 33.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 8.469 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108396.D

Acq: 22 Aug 2018 21:12

Instrument :

BNA_F

ClientSampleId :

EO-01-082118-B

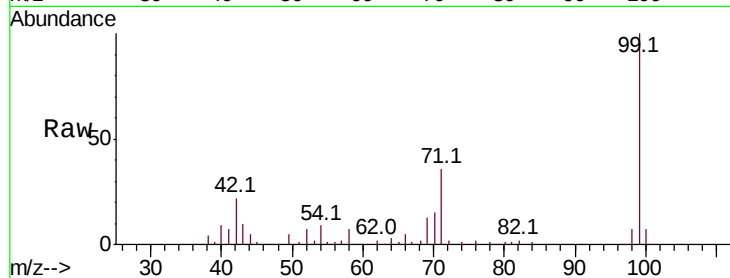
Tot Ion: 99 Resp: 104354

Ion Ratio Lower Upper

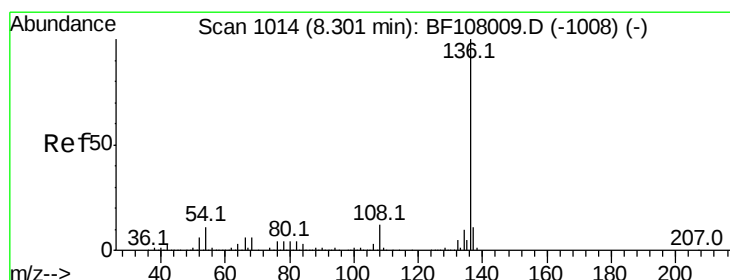
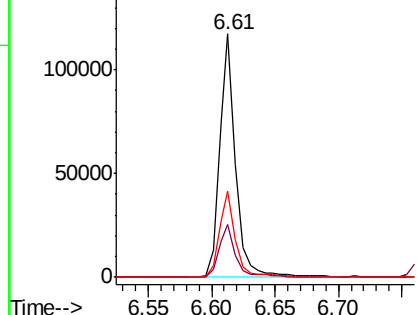
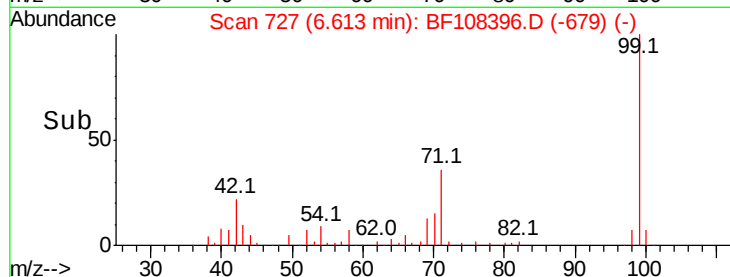
99 100

42 21.7 14.5 21.7

71 35.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108396.D

Acq: 22 Aug 2018 21:12

Tgt Ion: 136 Resp: 644438

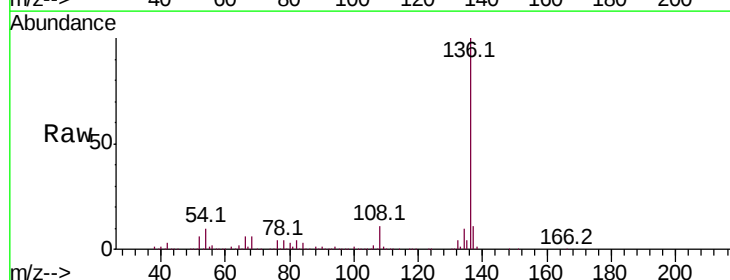
Ion Ratio Lower Upper

136 100

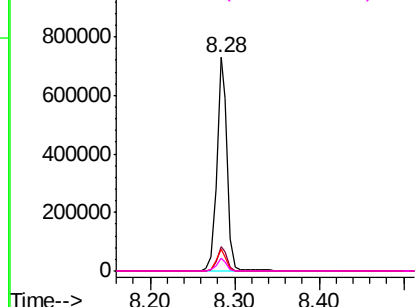
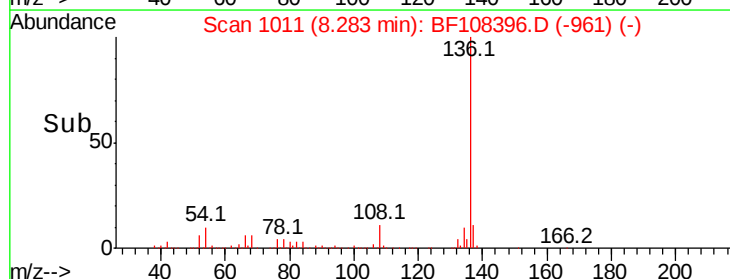
137 11.2 8.9 13.3

54 10.0 6.6 9.8#

68 6.2 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

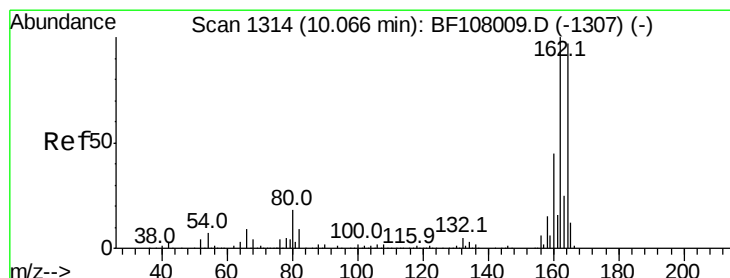
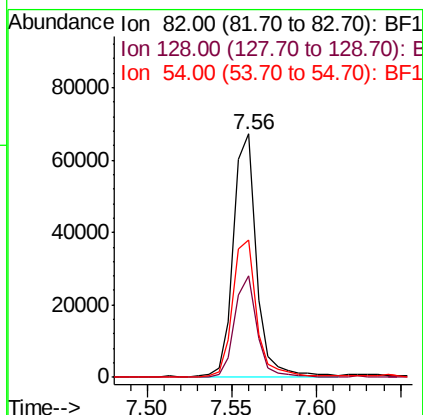
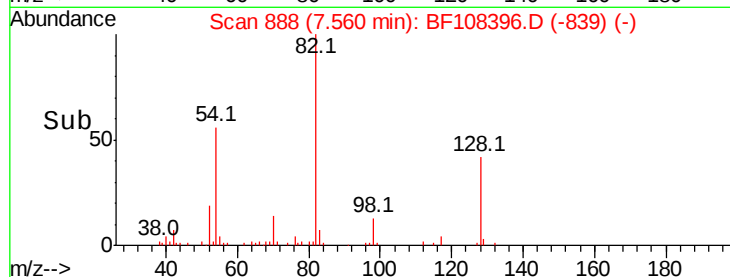
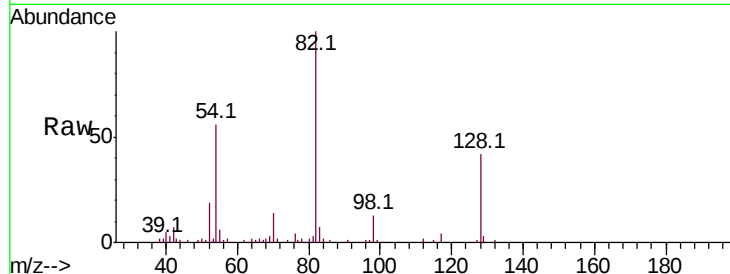




#23
Nitrobenzene-d5
Concen: 5.592 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108396.D
Acq: 22 Aug 2018 21:12

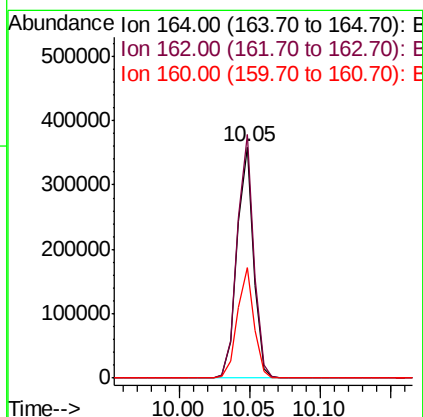
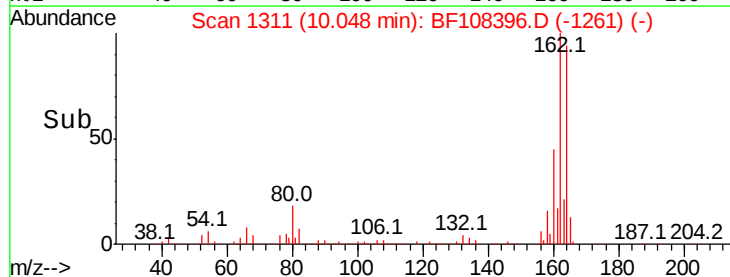
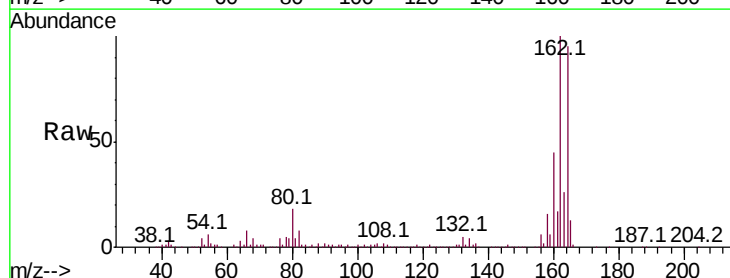
Instrument :
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ClientSampleId :
EO-01-082118-B

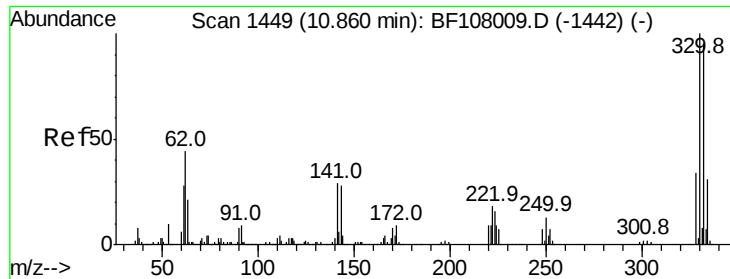
Tot Ion: 82 Resp: 64584
Ion Ratio Lower Upper
82 100
128 41.6 36.1 54.1
54 56.3 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108396.D
Acq: 22 Aug 2018 21:12

Tgt Ion:164 Resp: 292890
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 47.8 38.3 57.5

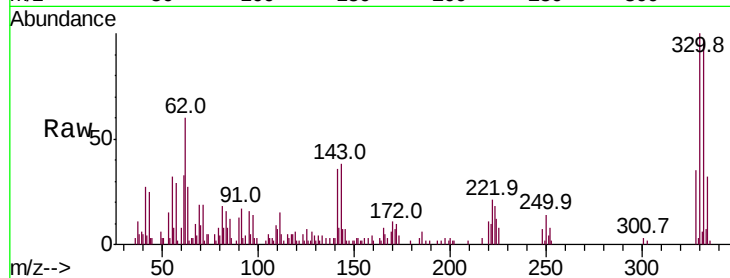




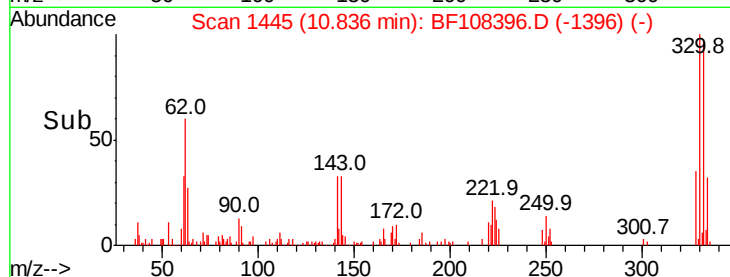
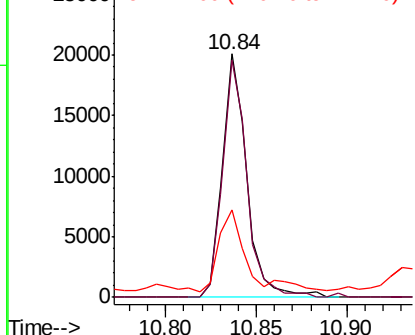
#41
 2,4,6-Tribromophenol
 Concen: 6.441 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108396.D
 Acq: 22 Aug 2018 21:12

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-082118-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.8	29.9	44.9

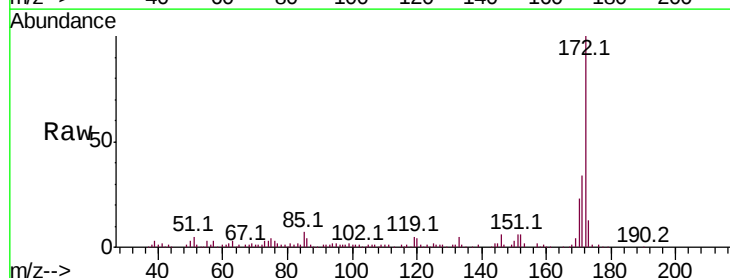


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

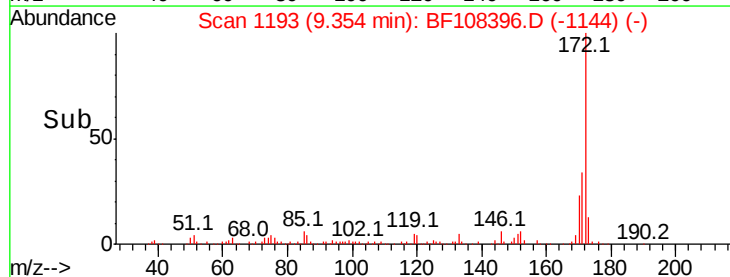
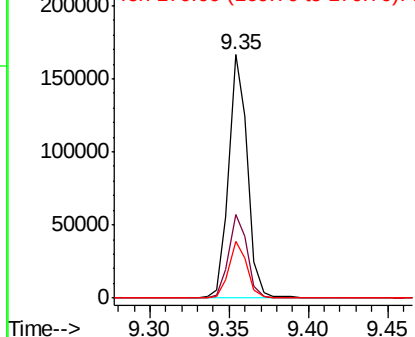


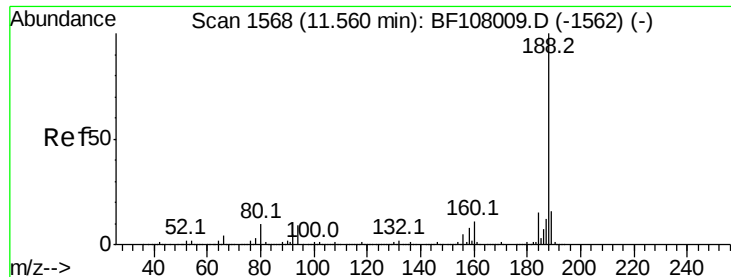
#44
 2-Fluorobiphenyl
 Concen: 7.475 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108396.D
 Acq: 22 Aug 2018 21:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.4	19.6	29.4



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: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108396.D

Acq: 22 Aug 2018 21:12

Instrument :

BNA_F

ClientSampleId :

EO-01-082118-B

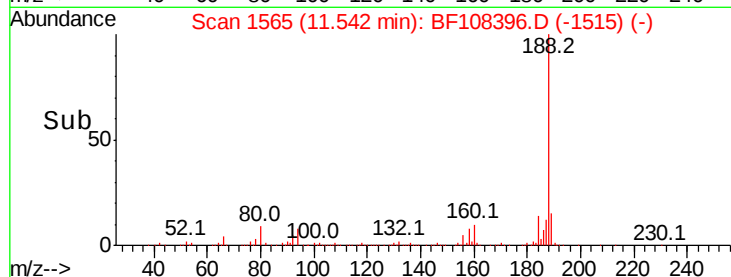
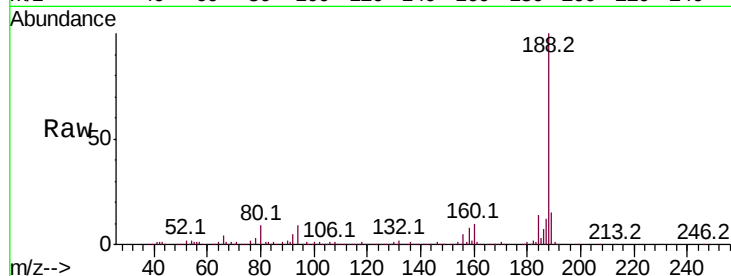
Tot Ion:188 Resp: 482774

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

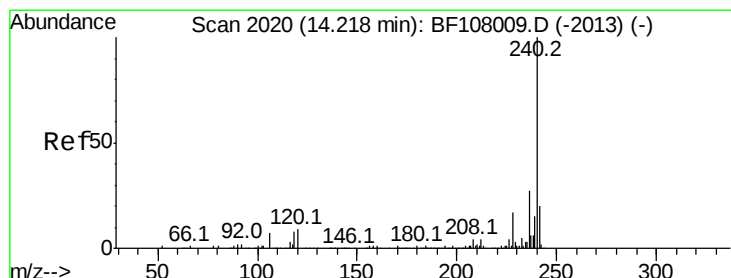
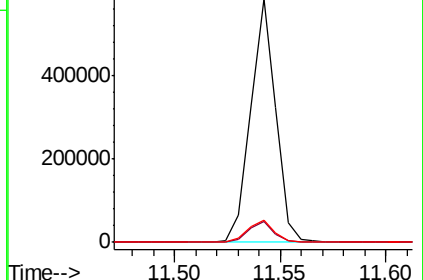
80 9.1 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108396.D

Acq: 22 Aug 2018 21:12

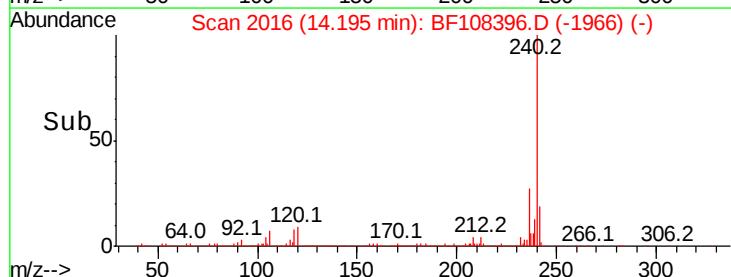
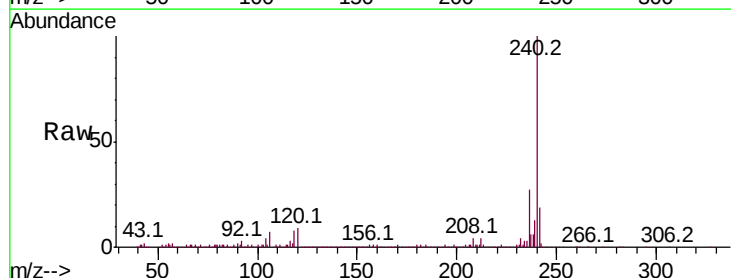
Tgt Ion:240 Resp: 326248

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

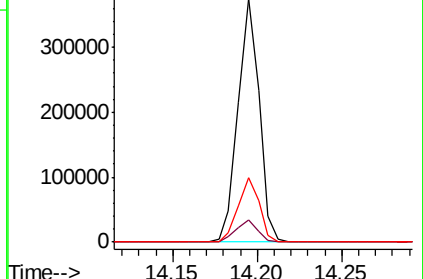
236 26.5 20.7 31.1

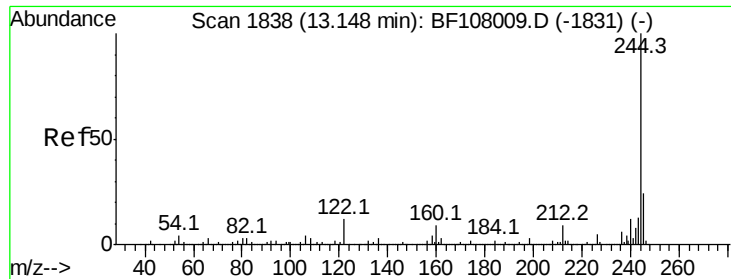


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

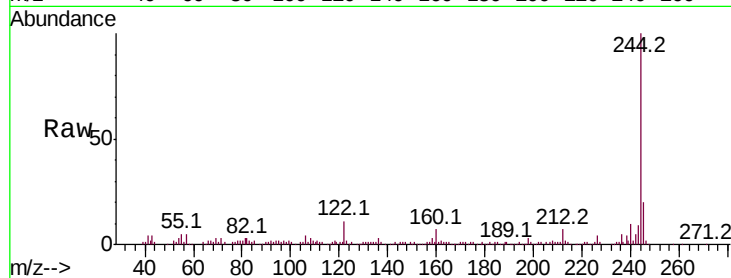




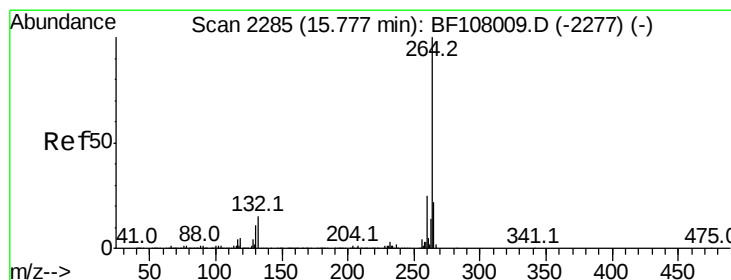
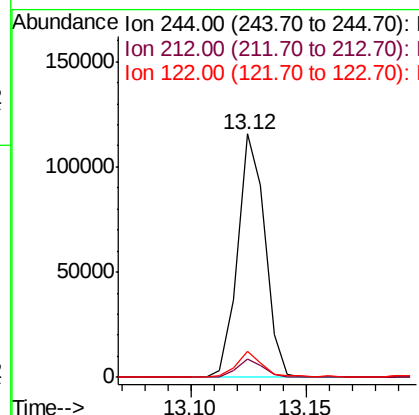
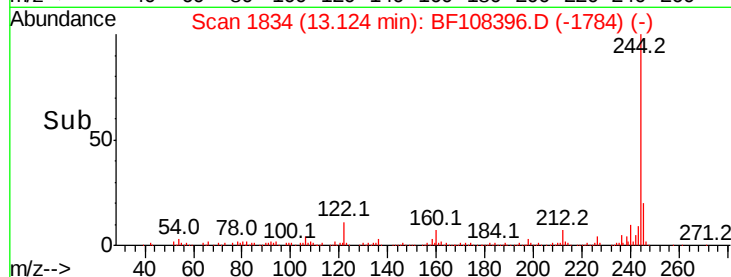
#78
 Terphenyl-d14
 Concen: 7.414 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108396.D
 Acq: 22 Aug 2018 21:12

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-082118-B

Tot Ion:244 Resp: 95130
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 10.9 11.0 16.4#

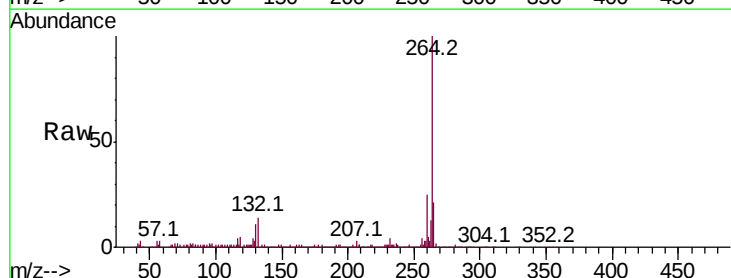


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF108396.D
 Acq: 22 Aug 2018 21:12

Tgt Ion:264 Resp: 299511
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.3 17.5 26.3



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

