

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108395.D
 Acq On : 22 Aug 2018 20:45
 Operator : JU/SJ
 Sample : J4278-07 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 23 05:35:00 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	170894	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	651441	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	300811	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	479888	20.00	ng	0.00
75) Chrysene-d12	14.19	240	301964	20.00	ng	0.00
86) Perylene-d12	15.75	264	297716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	85167	9.02	ng	-0.01
7) Phenol-d6	6.61	99	121230	9.66	ng	-0.02
23) Nitrobenzene-d5	7.56	82	75046	6.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	20536	6.84	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	154351	8.24	ng	-0.01
78) Terphenyl-d14	13.12	244	101656	8.56	ng	0.00

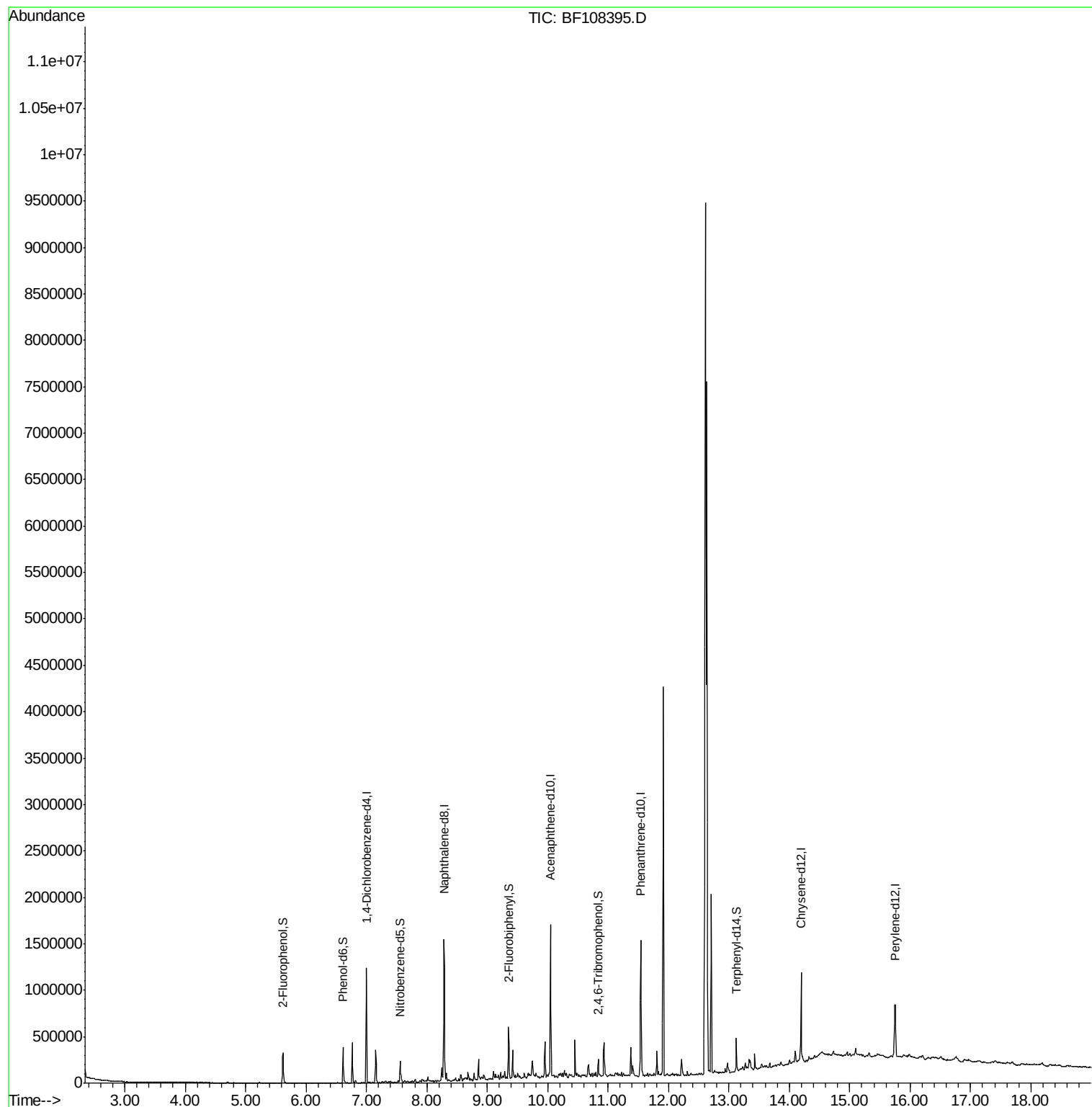
Target Compounds Qvalue

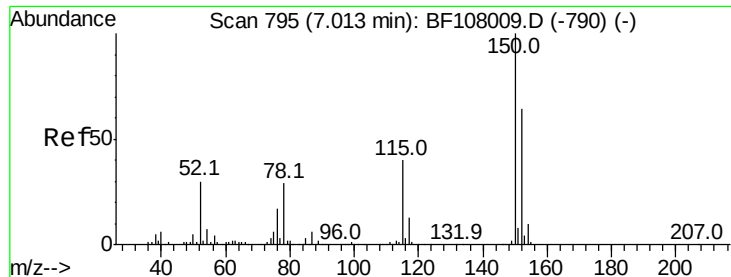
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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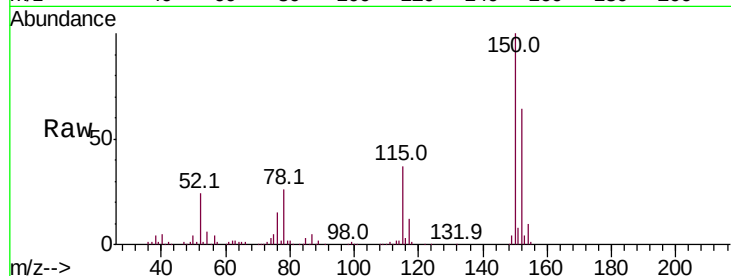


#1

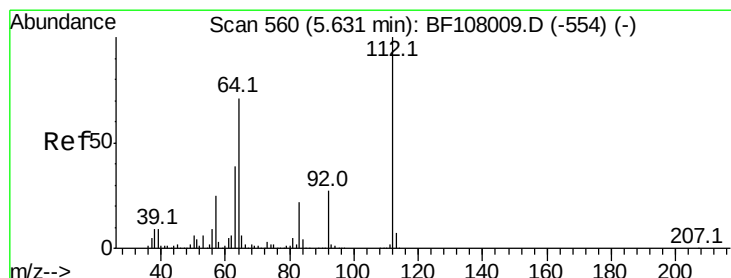
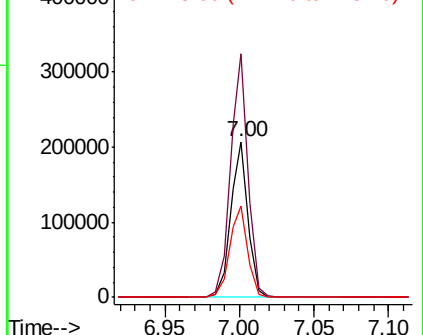
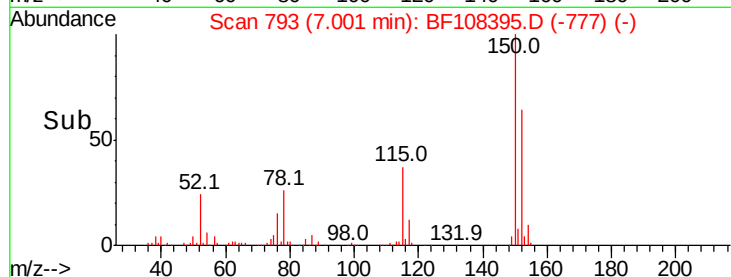
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108395.D
Acq: 22 Aug 2018 20:45

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

Tot Ion:152 Resp: 170894
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 58.5 50.1 75.1



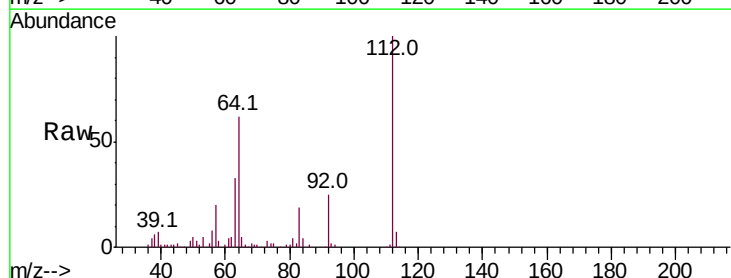
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



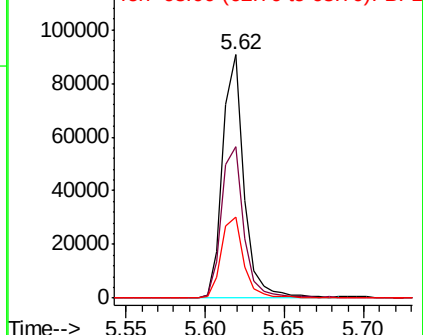
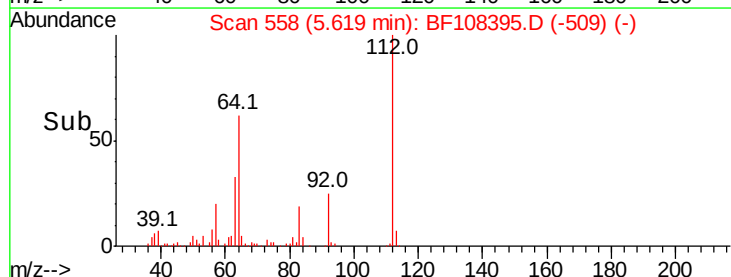
#5

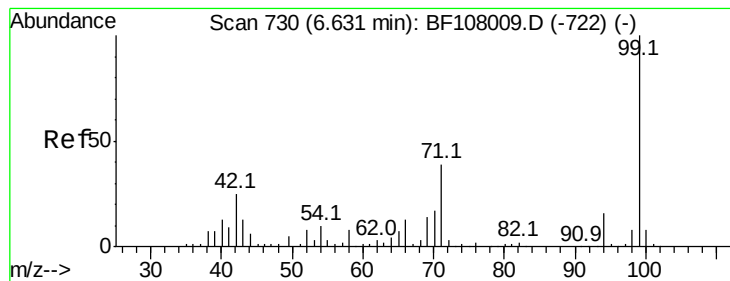
2-Fluorophenol
Concen: 9.023 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108395.D
Acq: 22 Aug 2018 20:45

Tgt Ion:112 Resp: 85167
Ion Ratio Lower Upper
112 100
64 62.1 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: 9.665 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108395.D

Acq: 22 Aug 2018 20:45

Instrument :

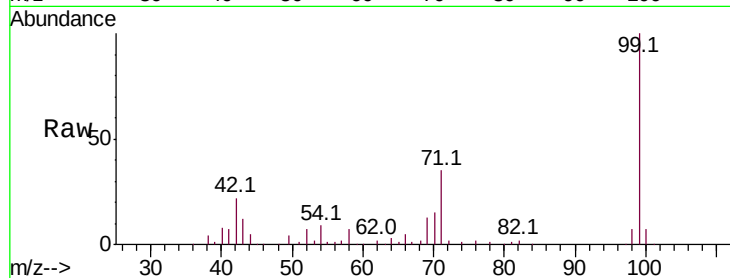
BNA_F

ClientSampleId :

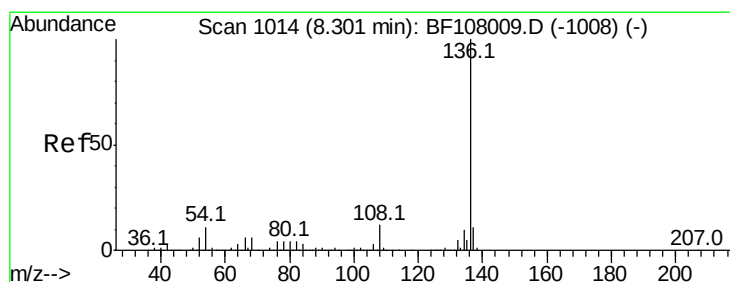
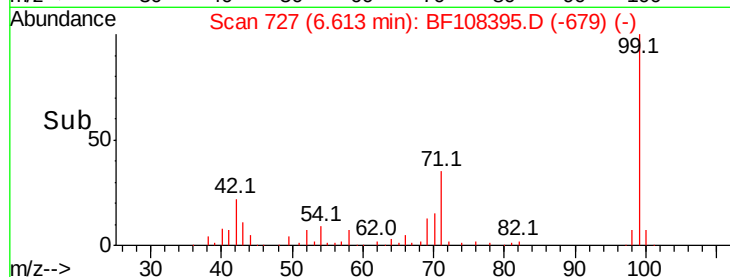
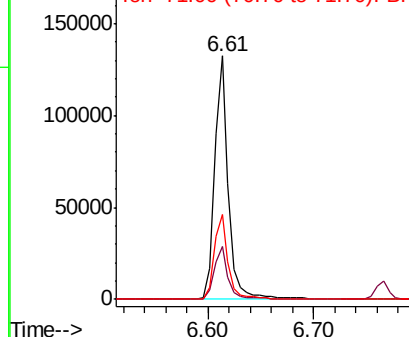
EO-01-082118-A

Tot Ion: 99 Resp: 121230

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	35.1	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

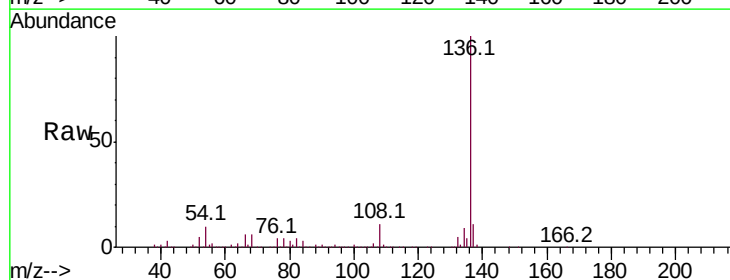
Delta R.T. -0.01 min

Lab File: BF108395.D

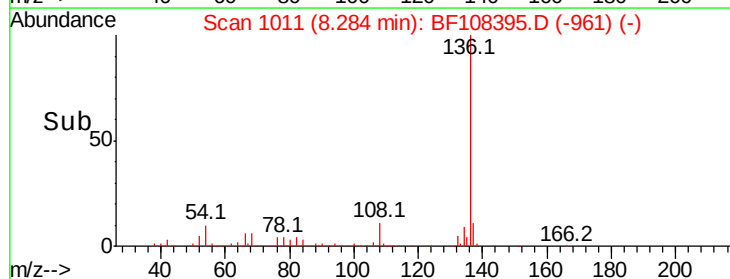
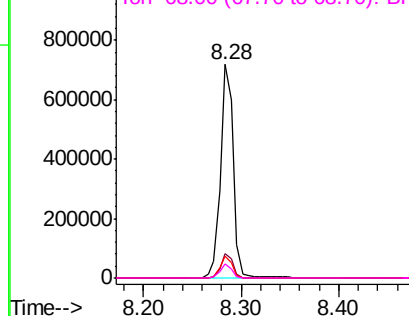
Acq: 22 Aug 2018 20:45

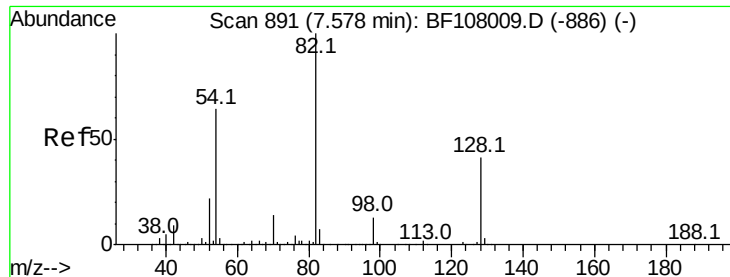
Tgt Ion: 136 Resp: 651441

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.1	6.6	9.8#
68	6.4	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

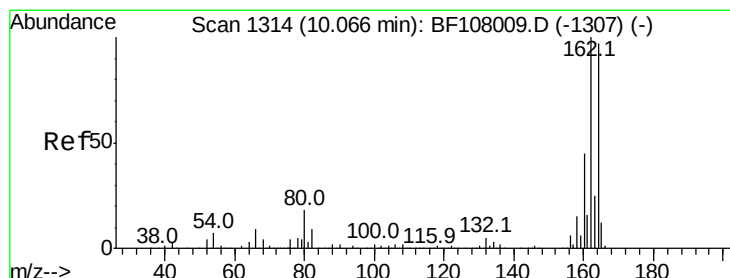
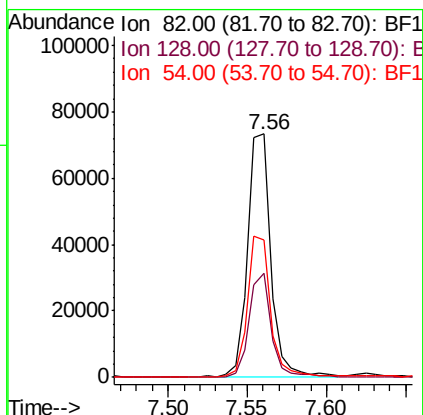
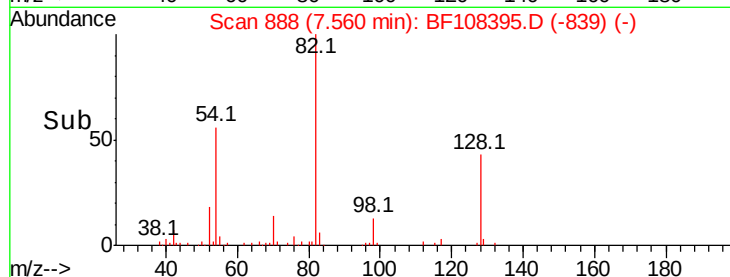
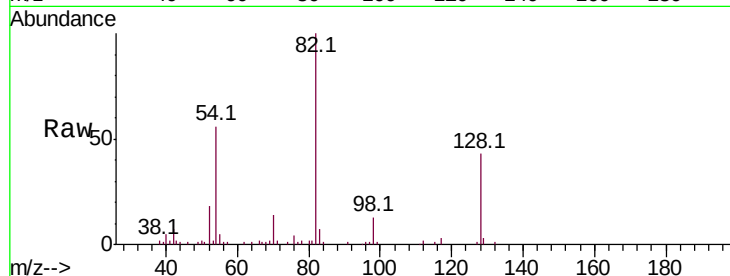




#23
 Nitrobenzene-d5
 Concen: 6.428 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108395.D
 Acq: 22 Aug 2018 20:45

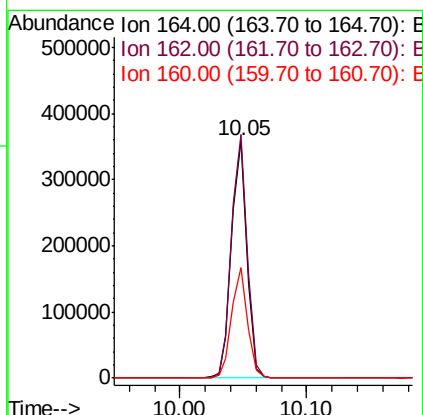
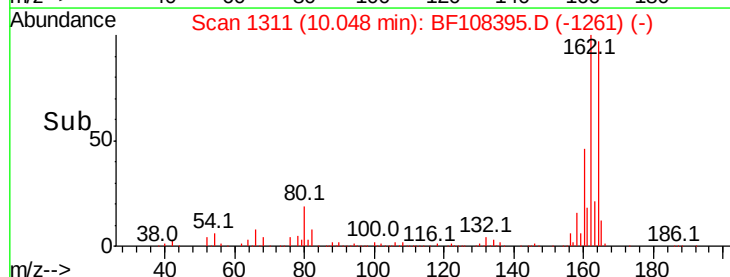
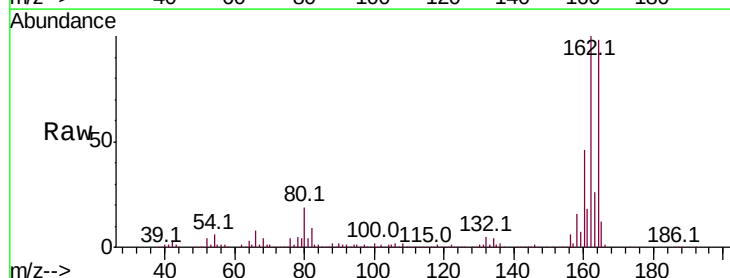
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-082118-A

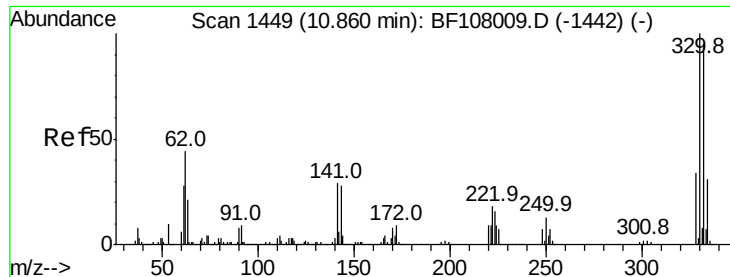
Tot Ion: 82 Resp: 75046
 Ion Ratio Lower Upper
 82 100
 128 42.5 36.1 54.1
 54 56.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108395.D
 Acq: 22 Aug 2018 20:45

Tgt Ion: 164 Resp: 300811
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 46.8 38.3 57.5

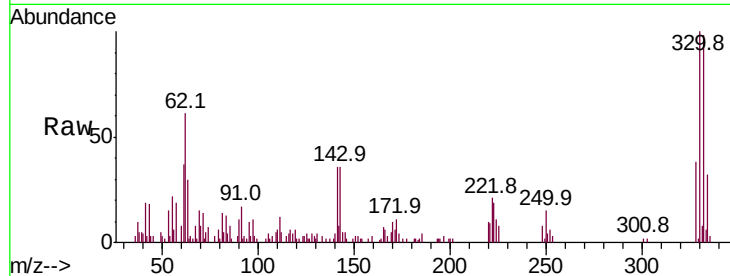




#41
 2,4,6-Tribromophenol
 Concen: 6.844 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108395.D
 Acq: 22 Aug 2018 20:45

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	36.9	29.9	44.9

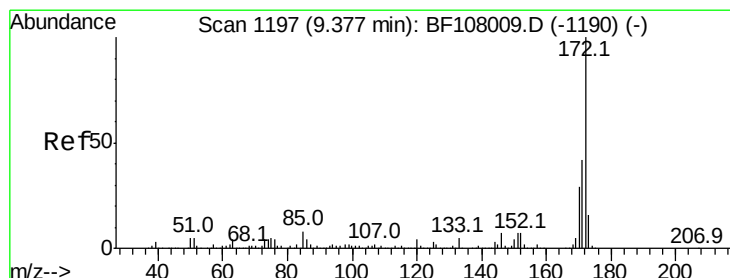
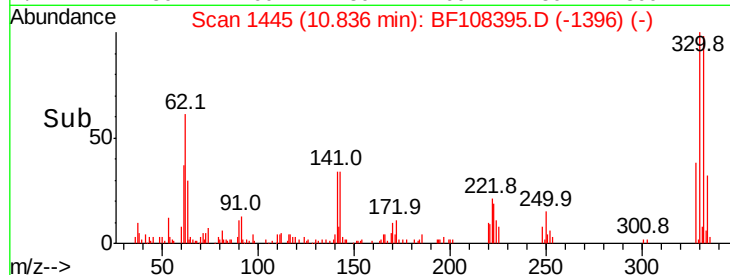
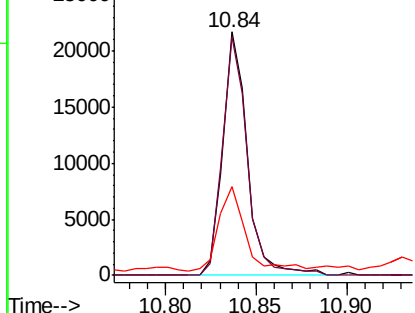


Abundance

Ion 329.80 (329.50 to 330.50): E

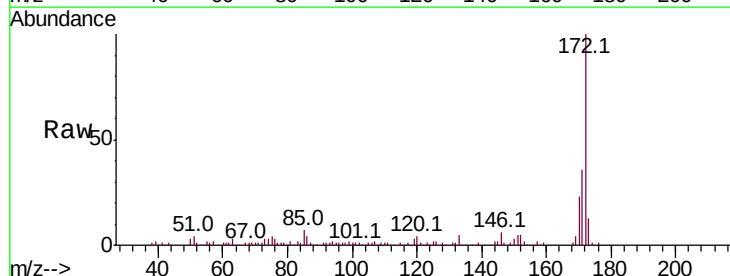
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 8.238 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108395.D
 Acq: 22 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.2	19.6	29.4

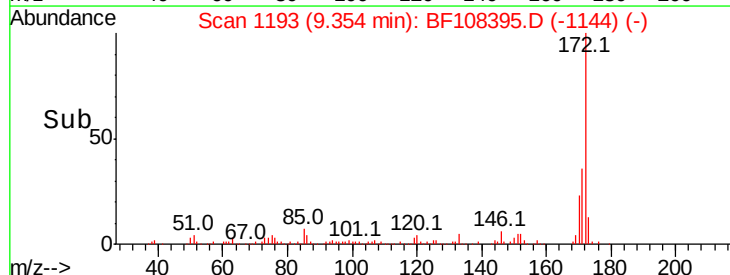
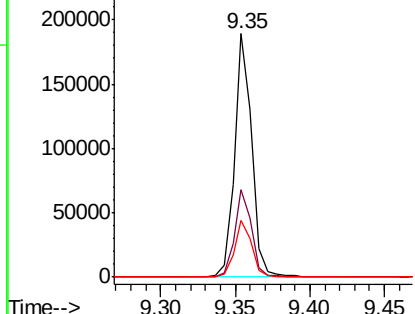


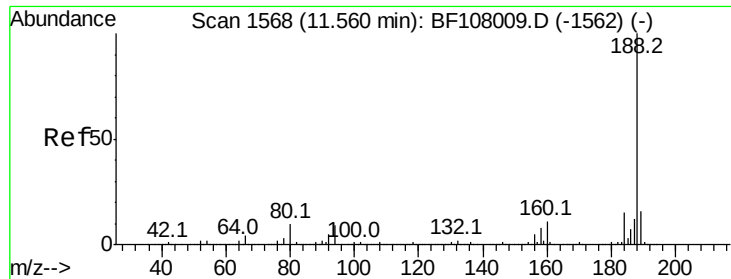
Abundance

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

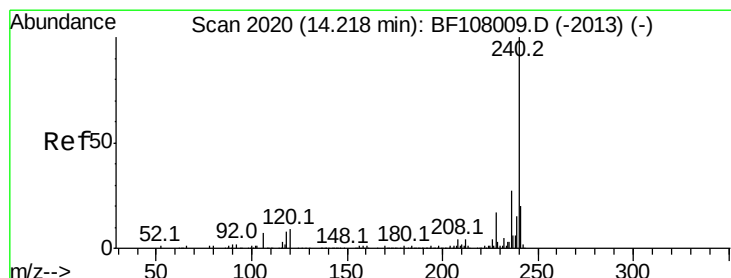
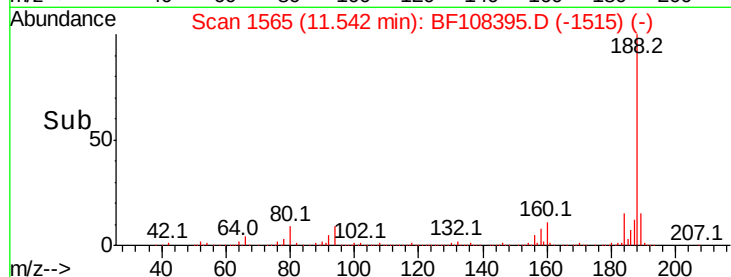
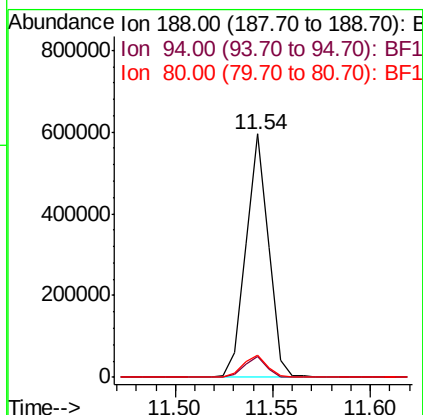
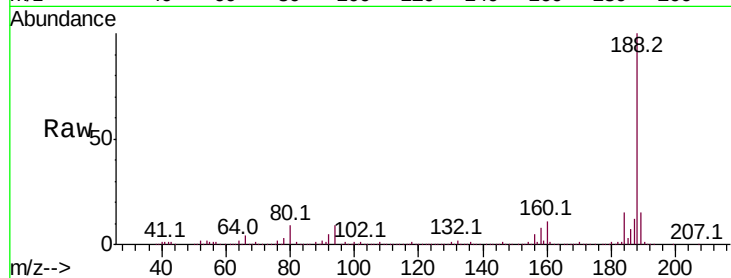




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108395.D
Acq: 22 Aug 2018 20:45

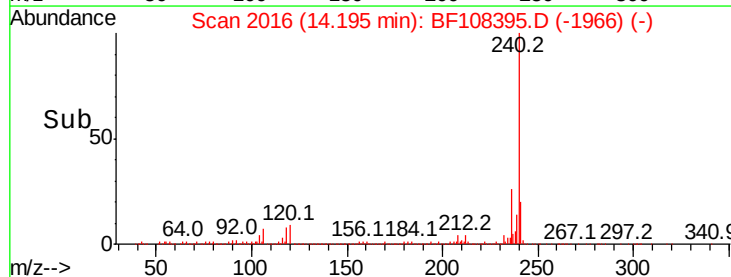
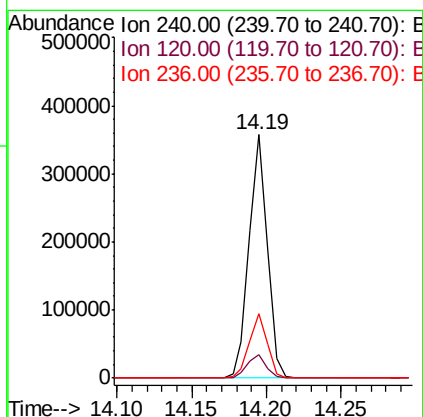
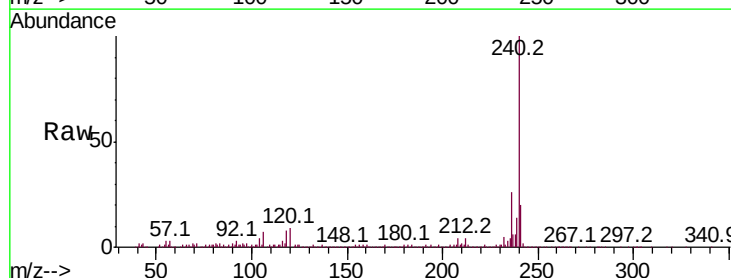
Instrument :
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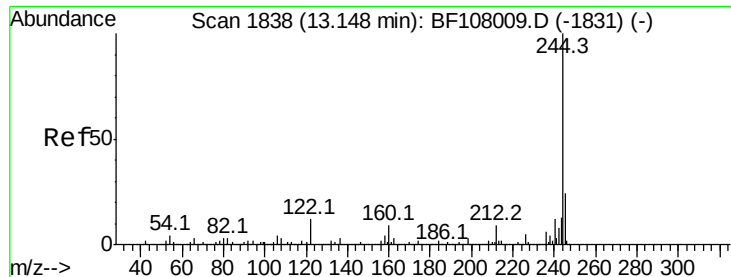
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.3	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108395.D
Acq: 22 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	26.3	20.7	31.1





#78

Terphenyl-d14

Concen: 8.560 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108395.D

Acq: 22 Aug 2018 20:45

Instrument :

BNA_F

ClientSampleId :

EO-01-082118-A

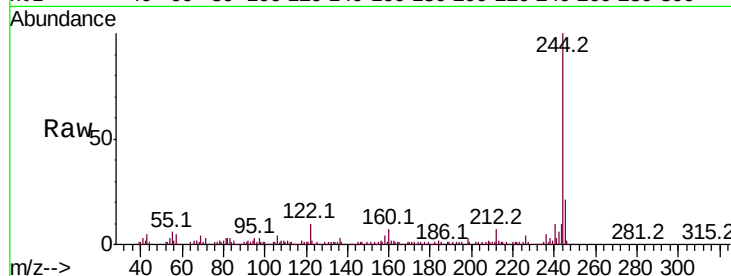
Tot Ion:244 Resp: 101656

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

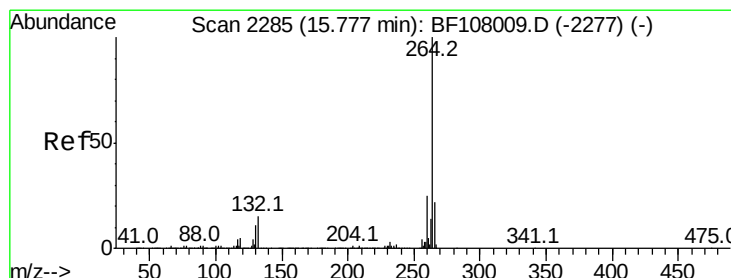
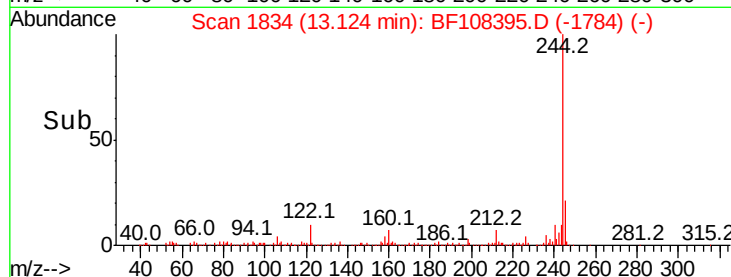
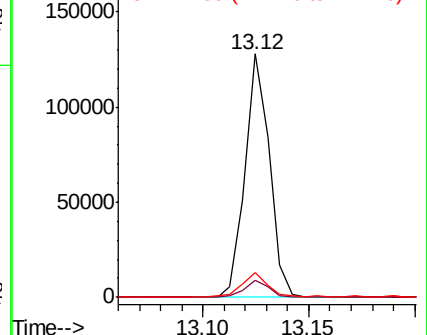
122 10.2 11.0 16.4#



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: BF108395.D

Acq: 22 Aug 2018 20:45

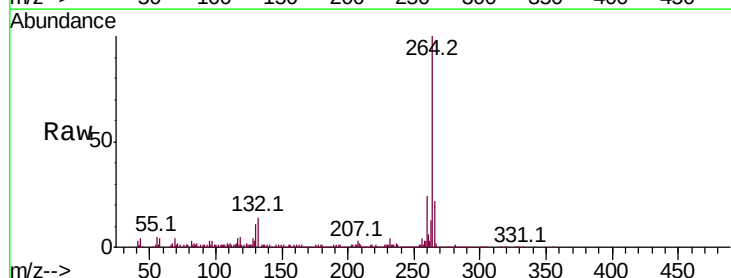
Tgt Ion:264 Resp: 297716

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.2 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

