

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108496.D
 Acq On : 25 Aug 2018 7:11
 Operator : JU/SJ
 Sample : J4582-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082018-SIPI-E-U-S

Quant Time: Aug 27 01:55:05 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	141087	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	511429	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	235976	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	382585	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	287788	20.00	ng	-0.01
86) Perylene-d12	15.74	264	284129	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	351920	45.16	ng	0.00
7) Phenol-d6	6.61	99	294487	28.44	ng	-0.02
23) Nitrobenzene-d5	7.57	82	930340	101.51	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	183528	77.97	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1615733	109.93	ng	0.00
78) Terphenyl-d14	13.12	244	1162921	102.74	ng	0.00

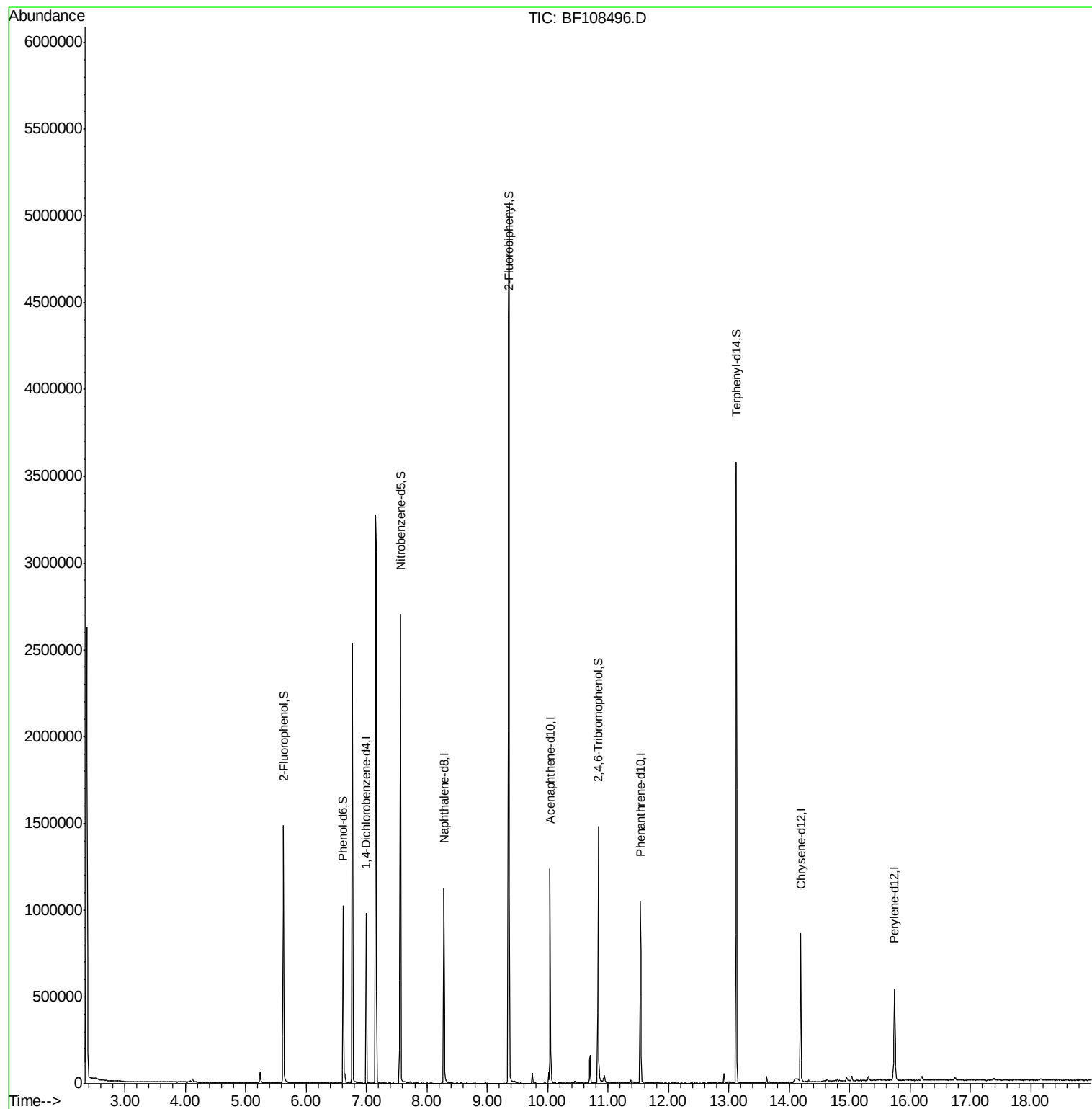
Target Compounds Qvalue

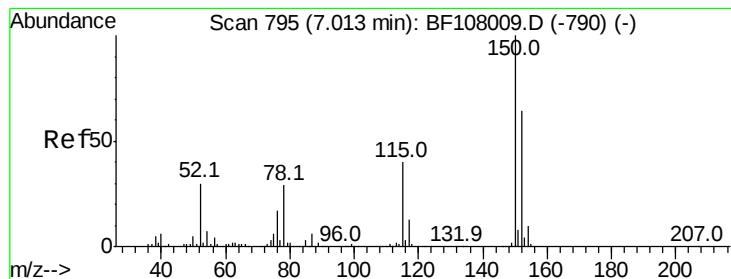
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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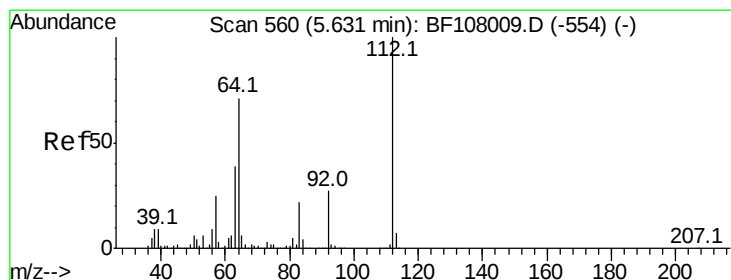
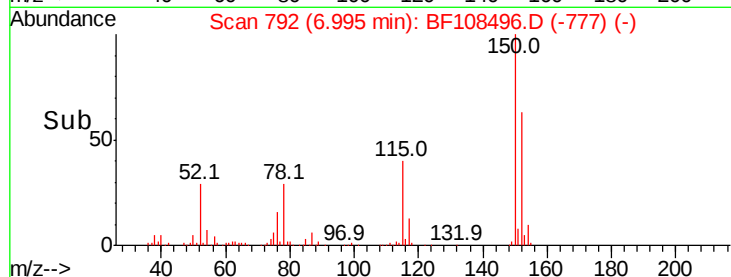
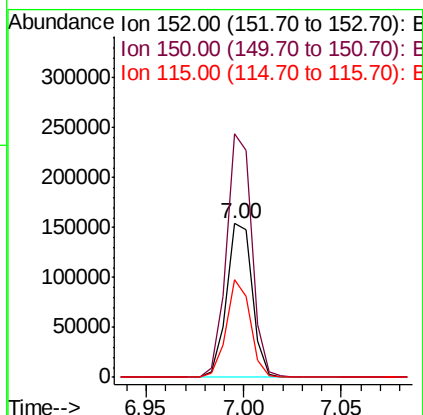
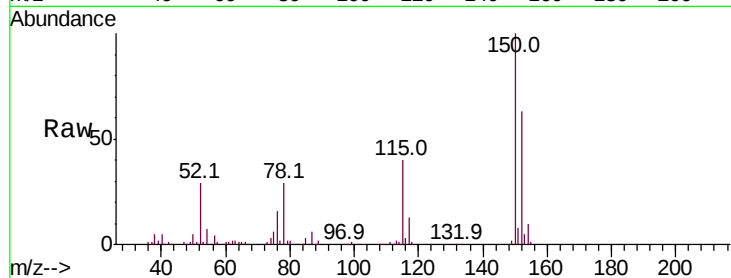


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108496.D
Acq: 25 Aug 2018 7:11

Instrument :
BNA_F
ClientSampleId :
082018-SIPI-E-U-S

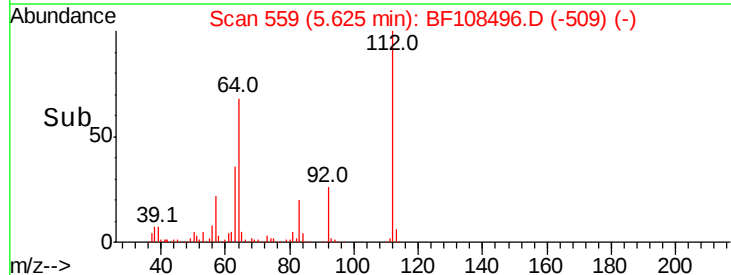
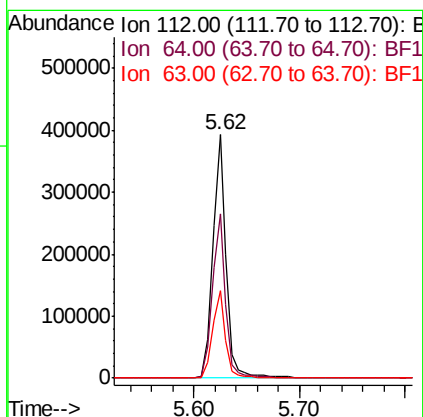
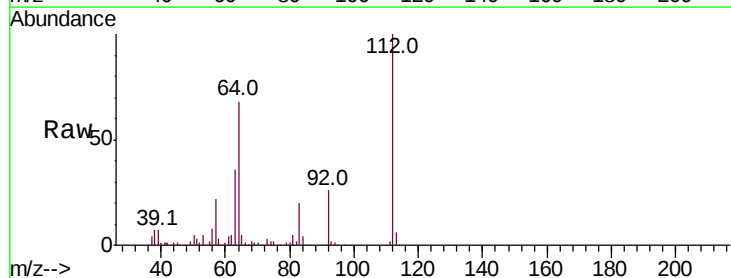
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	63.5	50.1	75.1

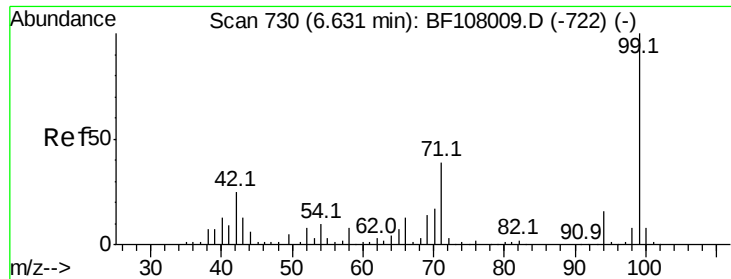


#5

2-Fluorophenol
Concen: 45.159 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108496.D
Acq: 25 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	47.9	71.9
63	35.8	23.7	35.5#





#7

Phenol-d6

Concen: 28.437 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108496.D

Acq: 25 Aug 2018 7:11

Instrument :

BNA_F

ClientSampleId :

082018-SIPI-E-U-S

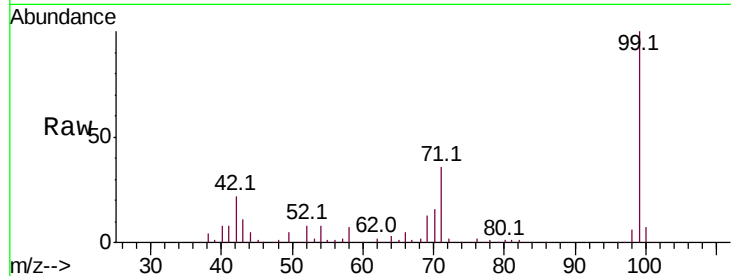
Tot Ion: 99 Resp: 294487

Ion Ratio Lower Upper

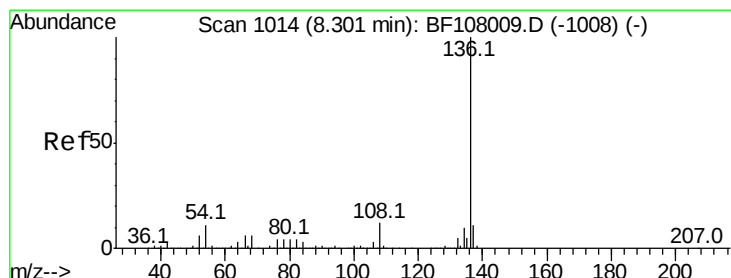
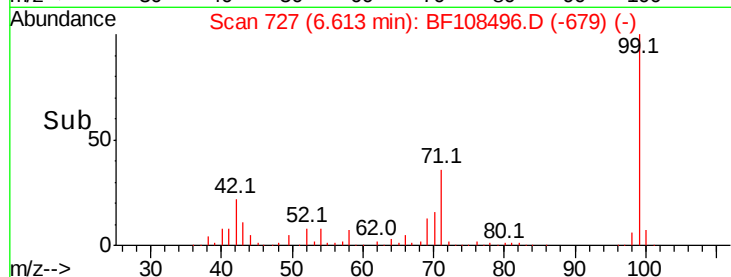
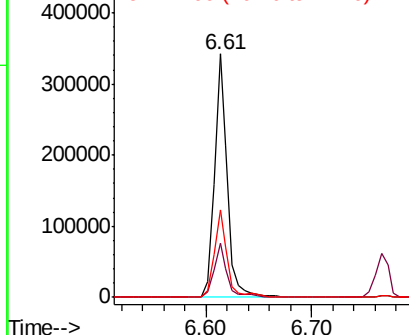
99 100

42 22.2 14.5 21.7#

71 36.0 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: BF108496.D

Acq: 25 Aug 2018 7:11

Tgt Ion: 136 Resp: 511429

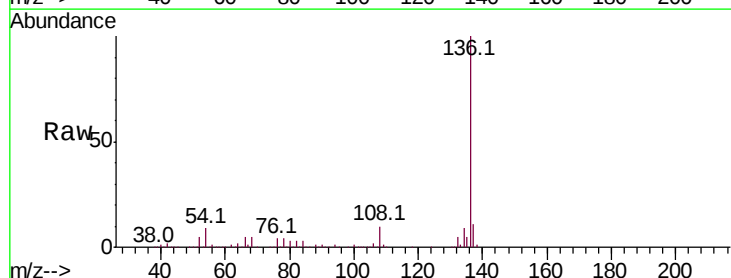
Ion Ratio Lower Upper

136 100

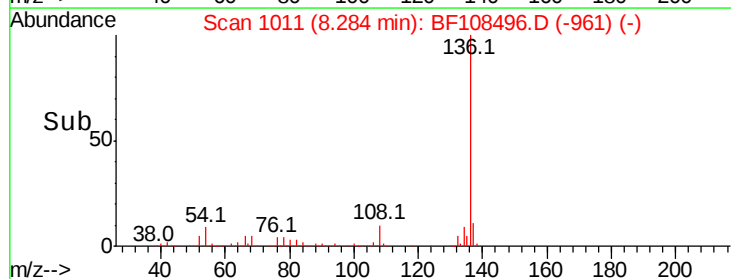
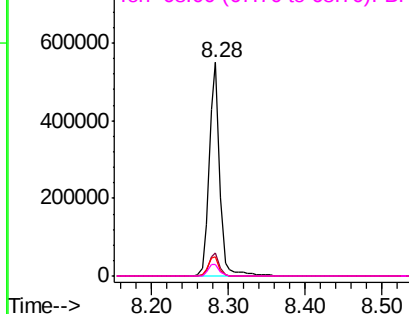
137 10.5 8.9 13.3

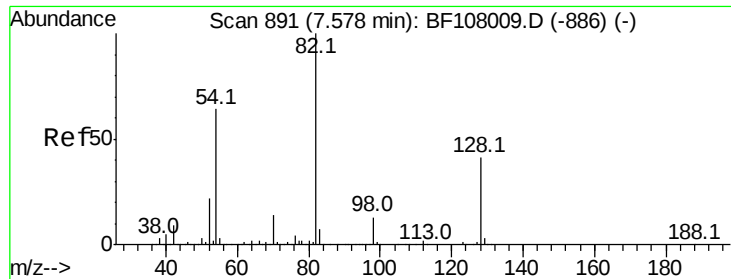
54 9.2 6.6 9.8

68 5.4 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

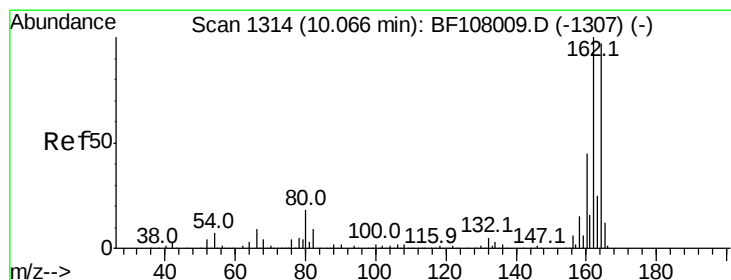
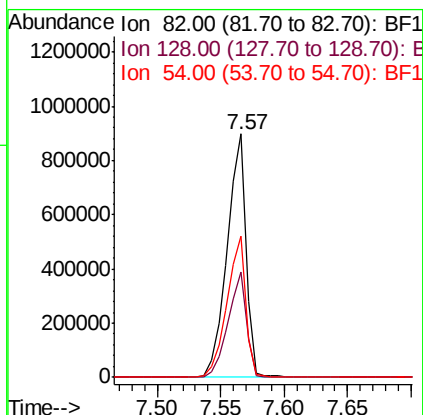
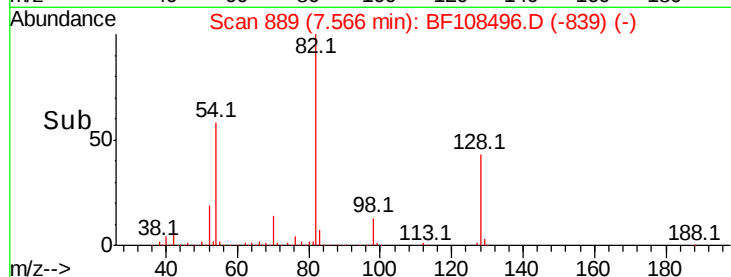
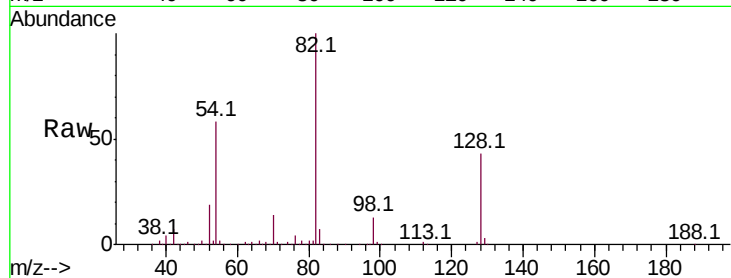




#23
Nitrobenzene-d5
Concen: 101.508 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108496.D
Acq: 25 Aug 2018 7:11

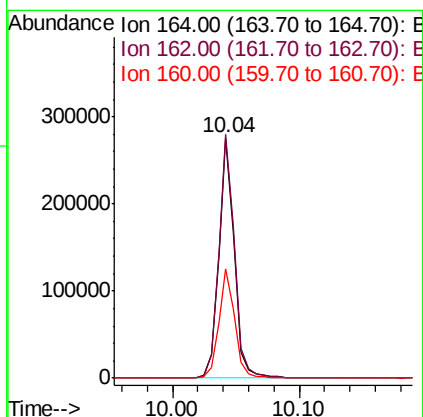
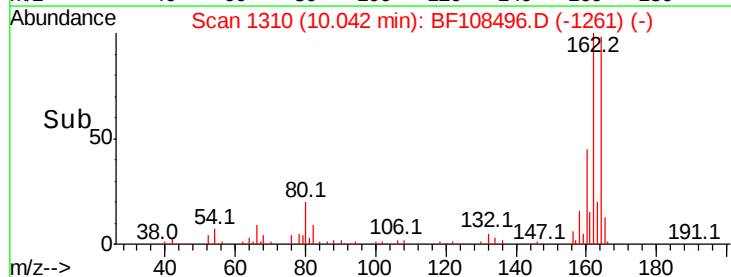
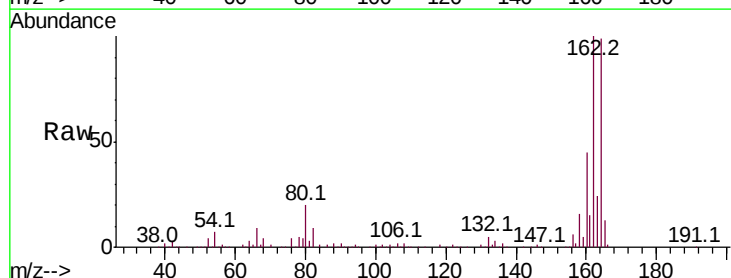
Instrument :
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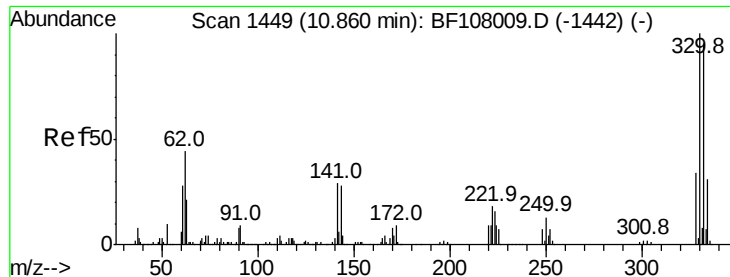
Tot Ion: 82 Resp: 930340
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 57.8 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108496.D
Acq: 25 Aug 2018 7:11

Tgt Ion:164 Resp: 235976
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 45.7 38.3 57.5

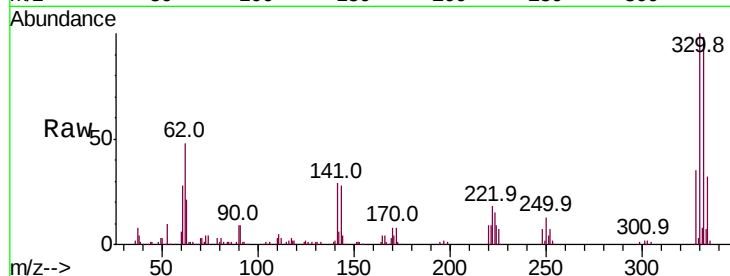




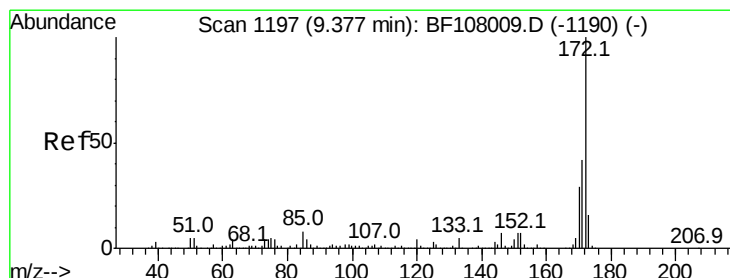
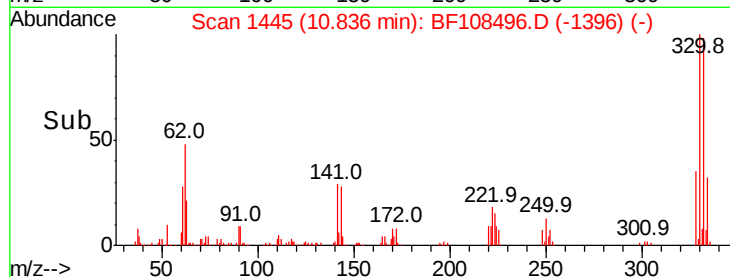
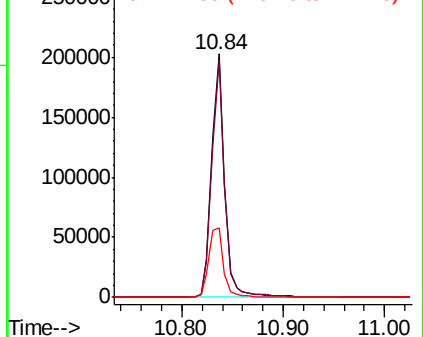
#41
 2,4,6-Tribromophenol
 Concen: 77.971 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108496.D
 Acq: 25 Aug 2018 7:11

Instrument :
 BNA_F
 ClientSampleId :
 082018-SIPI-E-U-S

Tot Ion:330 Resp: 183528
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 32.8 29.9 44.9

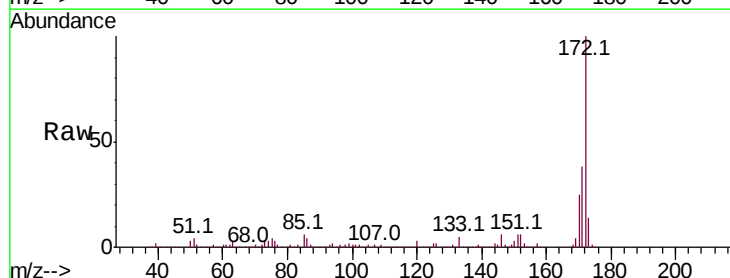


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

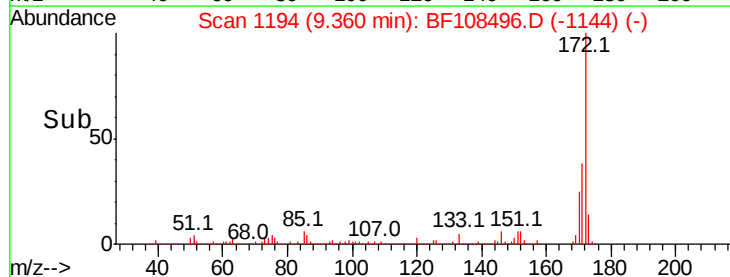
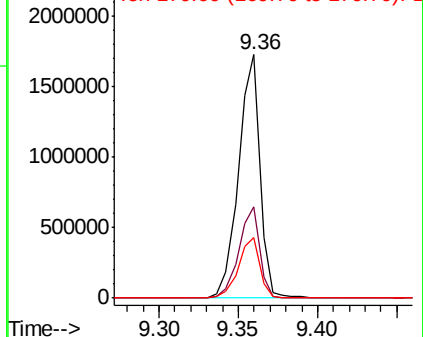


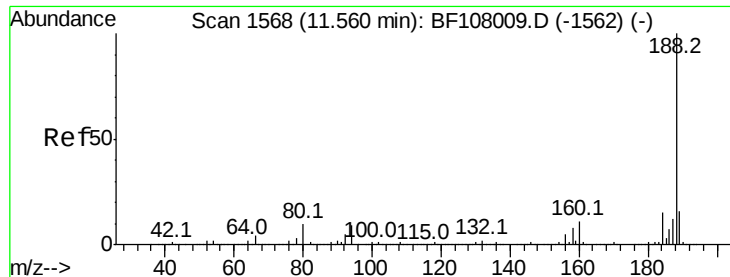
#44
 2-Fluorobiphenyl
 Concen: 109.927 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108496.D
 Acq: 25 Aug 2018 7:11

Tgt Ion:172 Resp: 1615733
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.7 44.5
 170 25.0 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

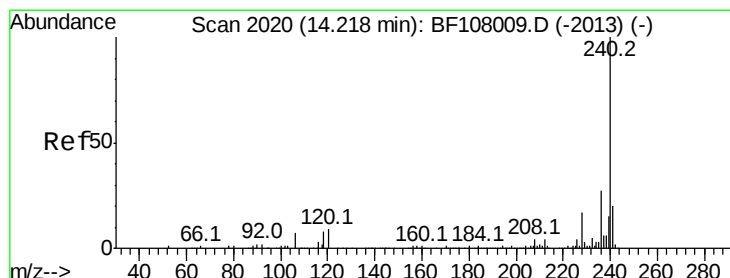
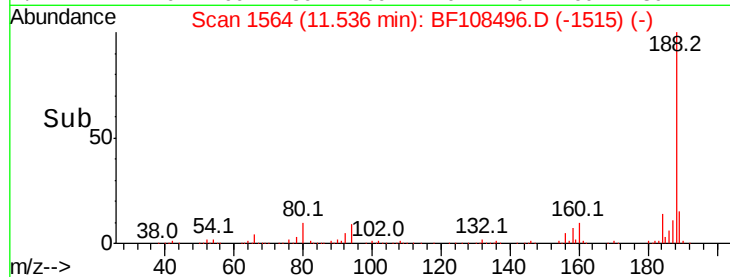
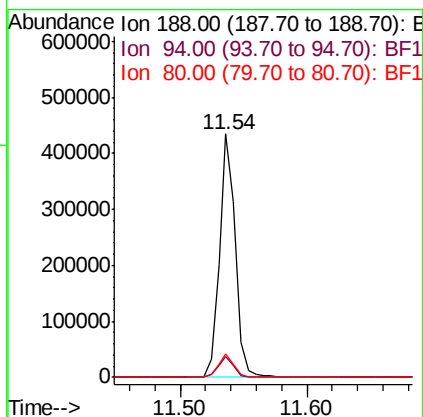
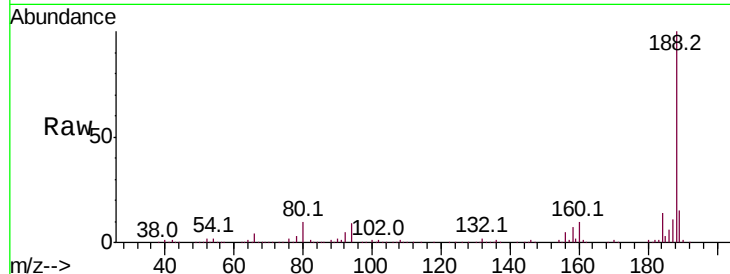




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108496.D
Acq: 25 Aug 2018 7:11

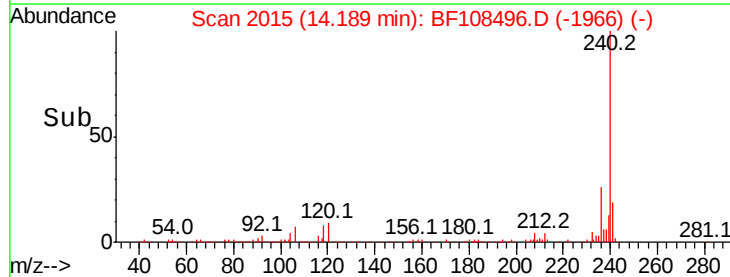
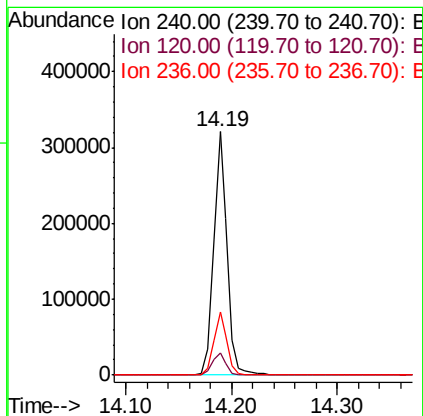
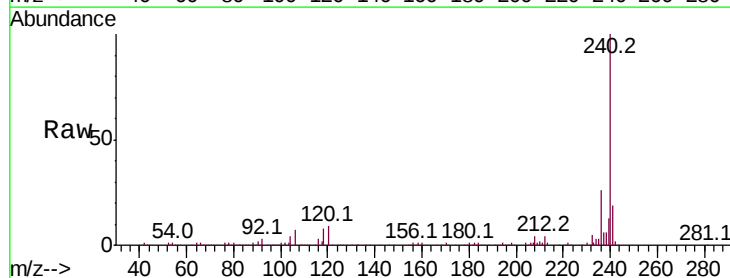
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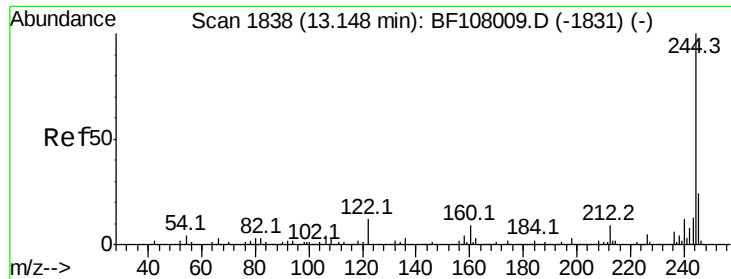
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.7	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108496.D
Acq: 25 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.0	20.7	31.1

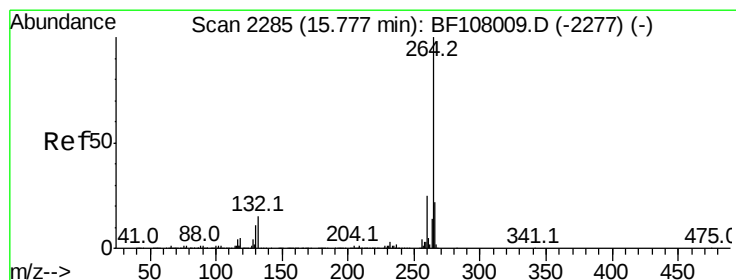
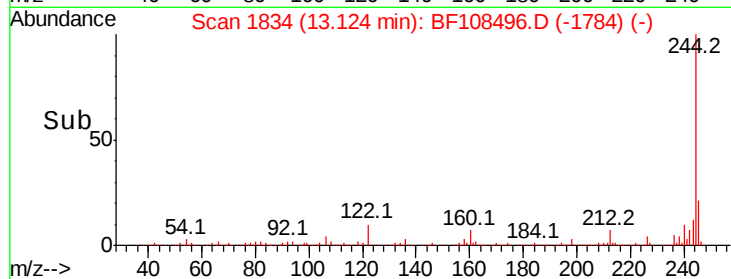
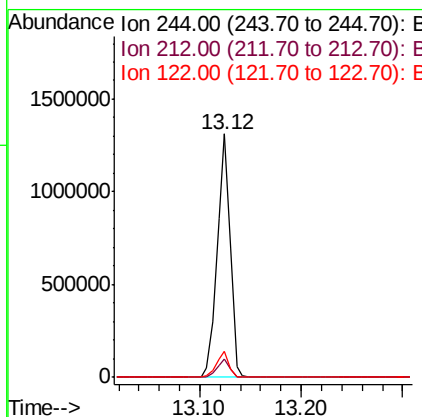
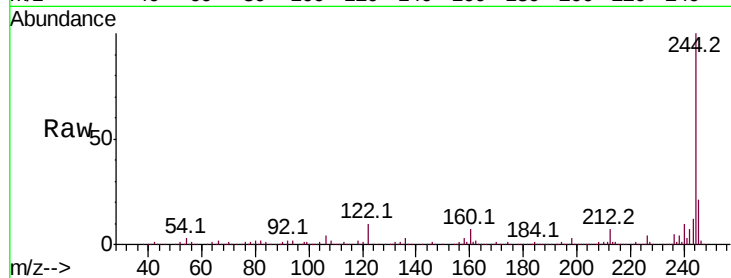




#78
 Terphenyl-d14
 Concen: 102.743 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108496.D
 Acq: 25 Aug 2018 7:11

Instrument :
 BNA_F
 ClientSampleId :
 082018-SIPI-E-U-S

Tot Ion:244 Resp: 1162921
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 10.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108496.D
 Acq: 25 Aug 2018 7:11

Tgt Ion:264 Resp: 284129
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 22.2 17.5 26.3

