

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108222.D
 Acq On : 17 Aug 2018 3:43
 Operator : JU/SJ
 Sample : J4479-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN-001A-081418

Quant Time: Aug 17 05:43:09 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 08 12:24:24 2018
 Response via : Initial Calibration

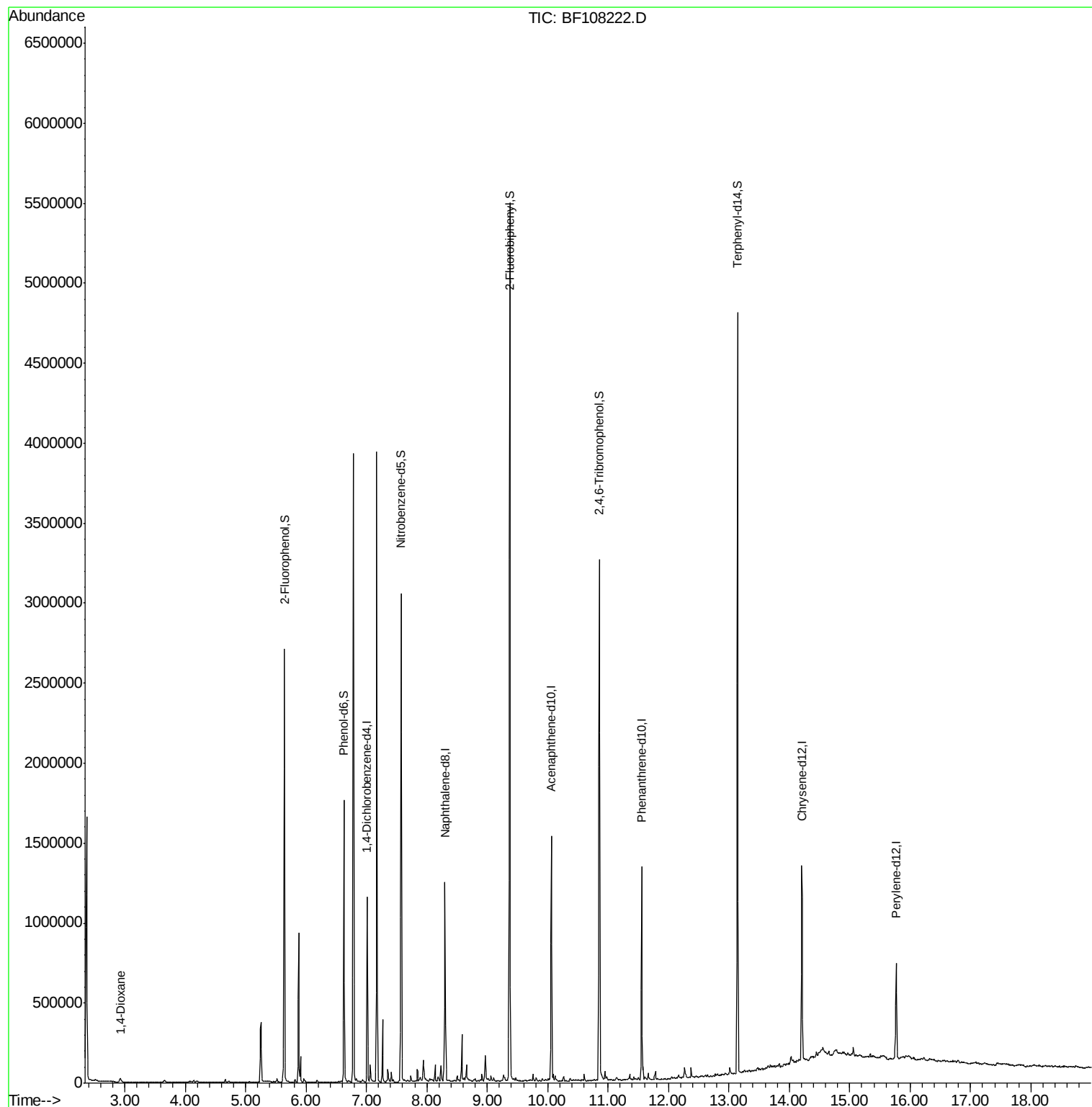
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	159284	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	578044	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	276028	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	489131	20.00	ng	0.00
75) Chrysene-d12	14.21	240	413628	20.00	ng	-0.01
86) Perylene-d12	15.77	264	305158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	585455	66.54	ng	0.01
7) Phenol-d6	6.63	99	490167	41.93	ng	0.00
23) Nitrobenzene-d5	7.58	82	1035050	99.92	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	387360	140.69	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1846068	107.37	ng	0.00
78) Terphenyl-d14	13.15	244	1756377	107.96	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.93	88	11300	2.500	ng	Qvalue # 80

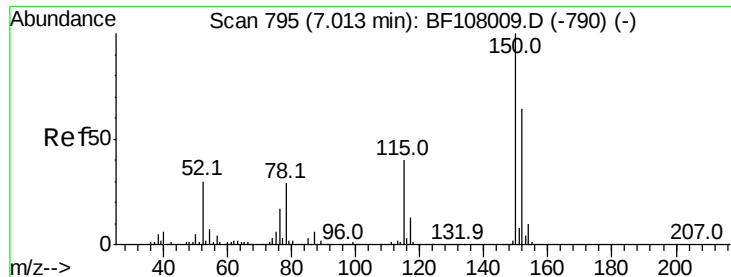
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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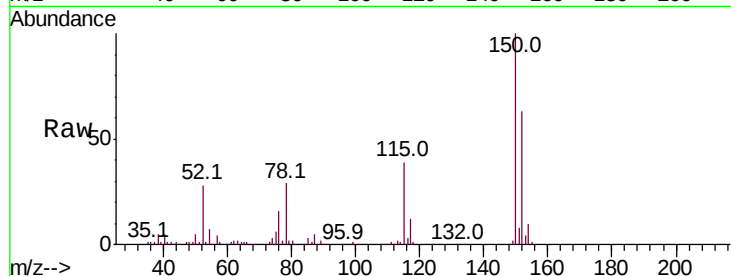


#1

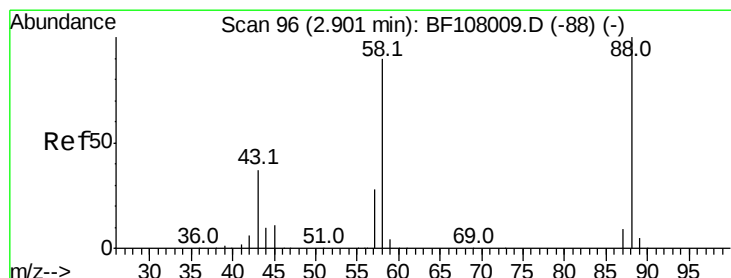
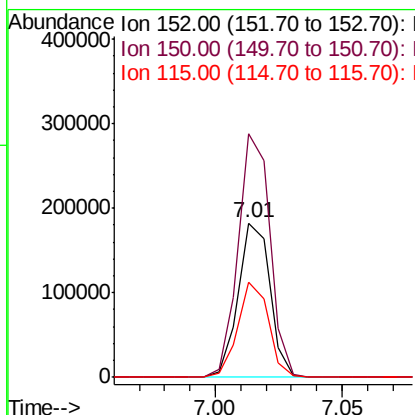
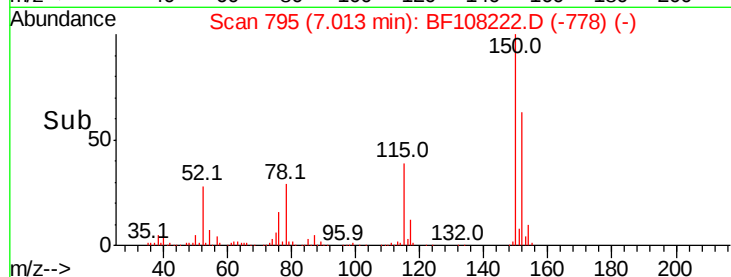
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108222.D
Acq: 17 Aug 2018 3:43

Instrument :
BNA_F
ClientSampleId :
DSN-001A-081418

Tot Ion:152 Resp: 159284
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 61.3 50.1 75.1



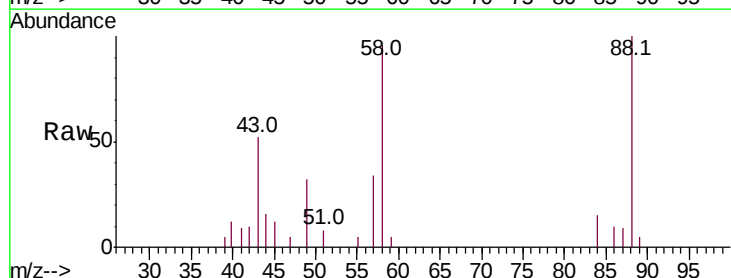
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



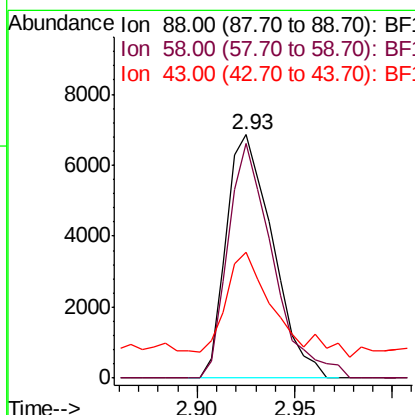
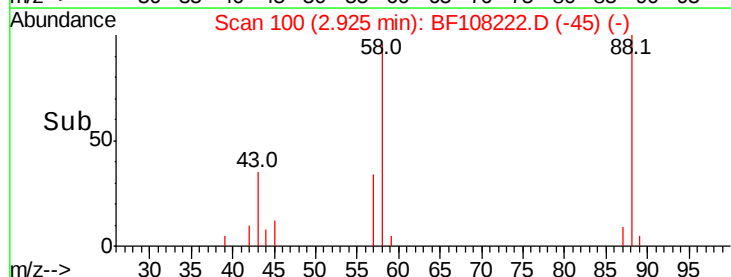
#2

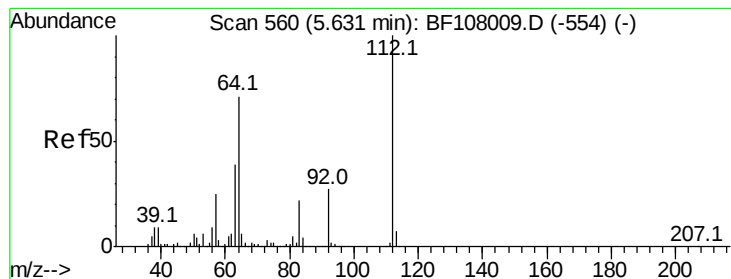
1,4-Dioxane
Concen: 2.500 ng
RT: 2.93 min Scan# 100
Delta R.T. 0.02 min
Lab File: BF108222.D
Acq: 17 Aug 2018 3:43

Tgt Ion: 88 Resp: 11300
Ion Ratio Lower Upper
88 100
58 93.2 62.6 93.8
43 45.5 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 66.544 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108222.D

Acq: 17 Aug 2018 3:43

Instrument :

BNA_F

ClientSampleId :

DSN-001A-081418

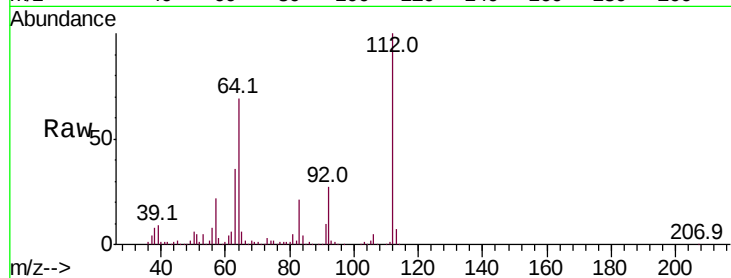
Tot Ion:112 Resp: 585455

Ion Ratio Lower Upper

112 100

64 68.7 47.9 71.9

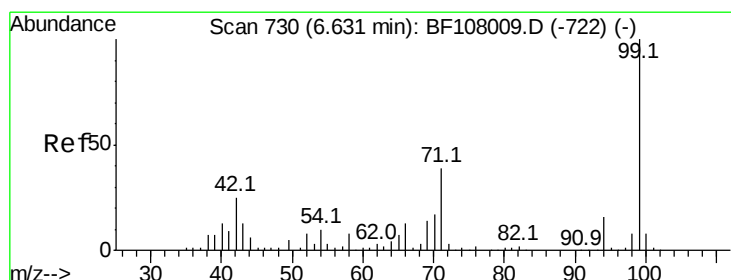
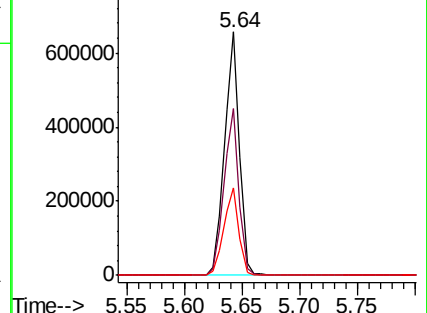
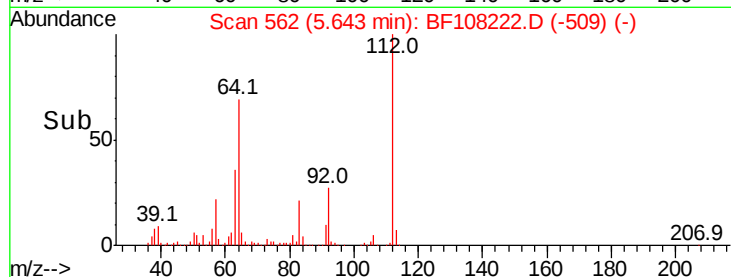
63 36.1 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 41.926 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108222.D

Acq: 17 Aug 2018 3:43

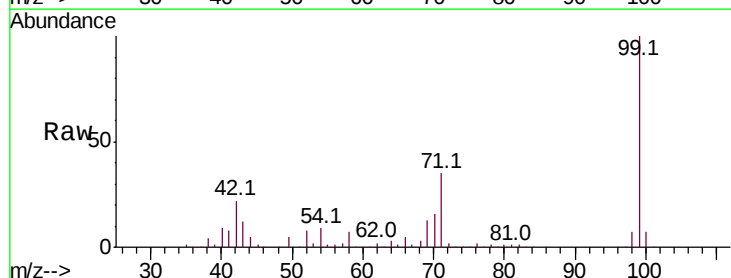
Tgt Ion: 99 Resp: 490167

Ion Ratio Lower Upper

99 100

42 22.0 14.5 21.7#

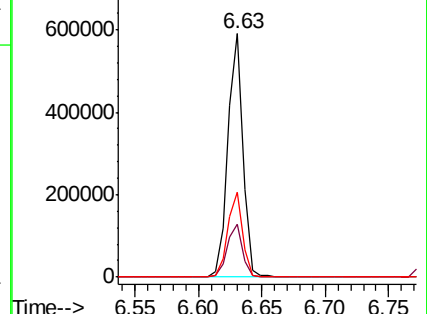
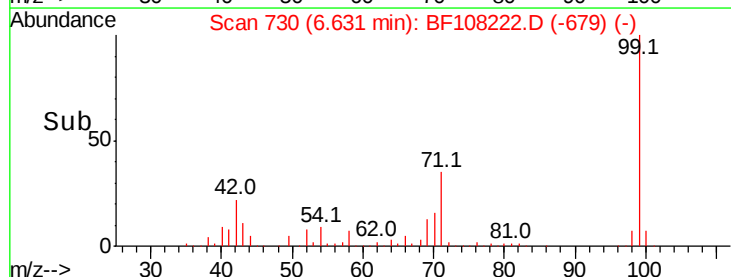
71 34.8 25.4 38.0

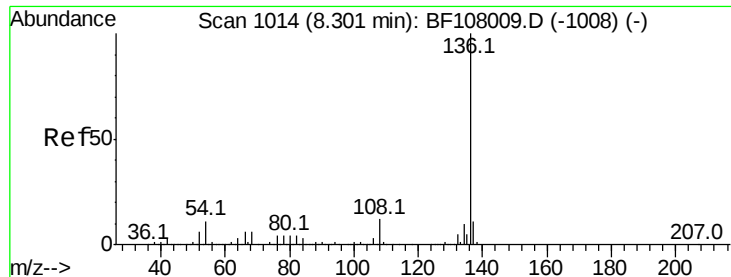


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

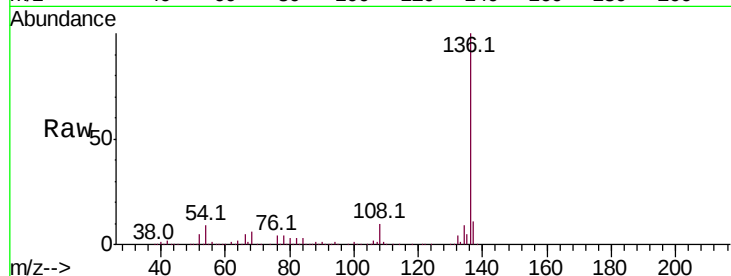




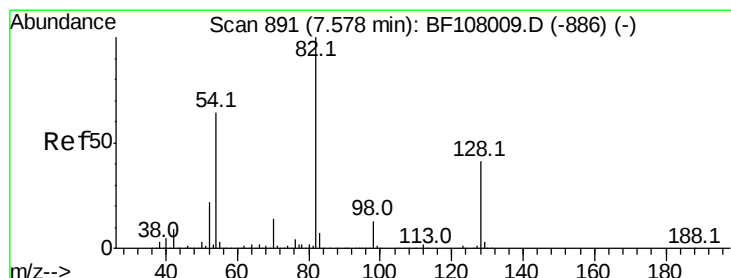
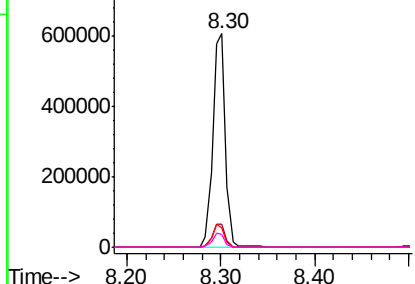
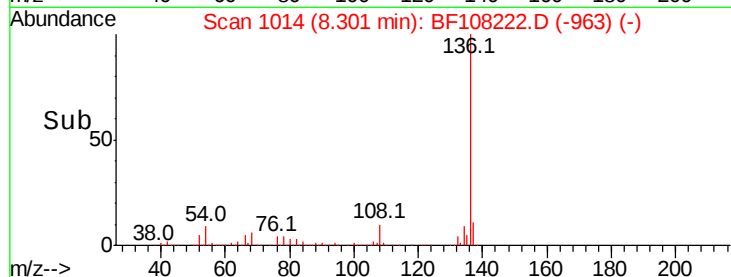
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108222.D
Acq: 17 Aug 2018 3:43

Instrument :
BNA_F
ClientSampleId :
DSN-001A-081418

Tot Ion:136	Resp: 578044
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 9.3	6.6 9.8
68 5.8	5.0 7.4

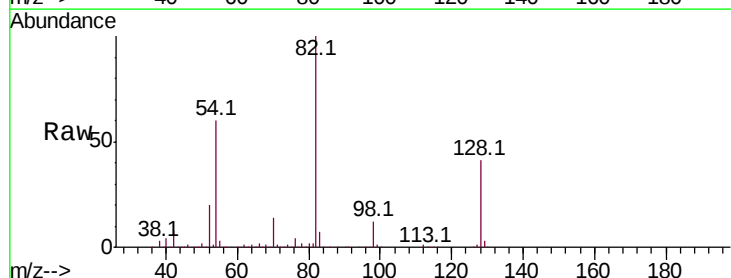


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

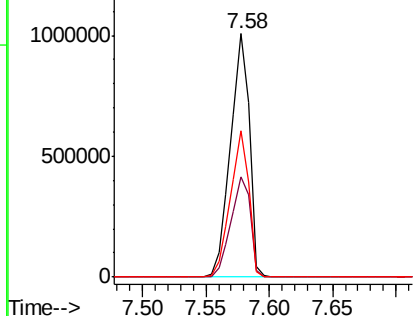
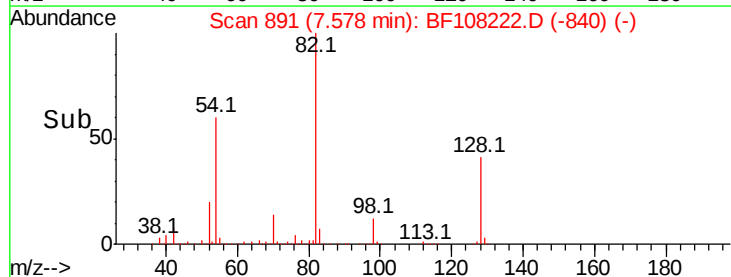


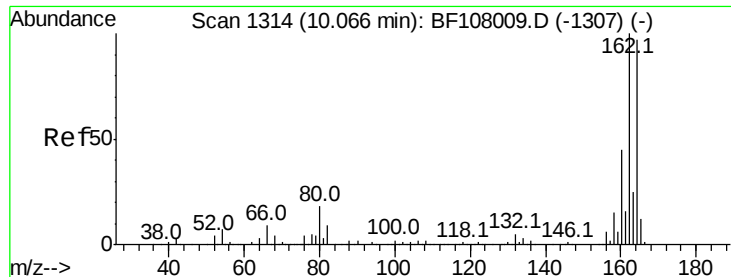
#23
Nitrobenzene-d5
Concen: 99.918 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108222.D
Acq: 17 Aug 2018 3:43

Tgt Ion: 82	Resp: 1035050
Ion Ratio	Lower Upper
82 100	
128 41.0	36.1 54.1
54 59.9	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

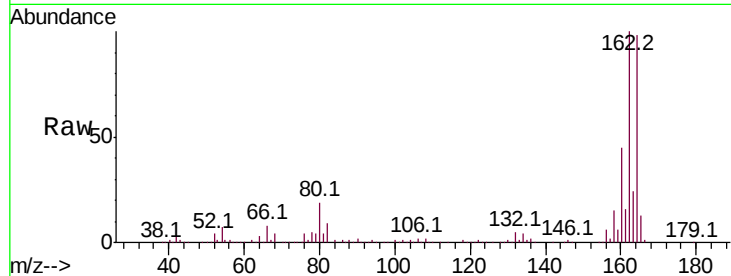




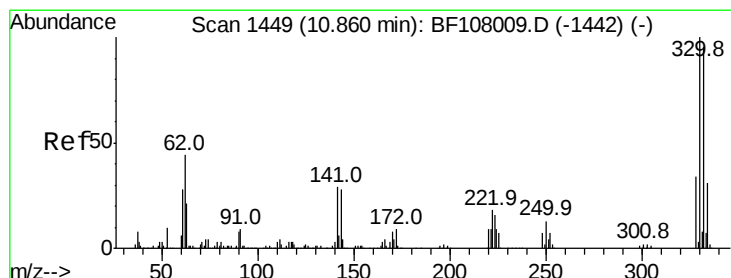
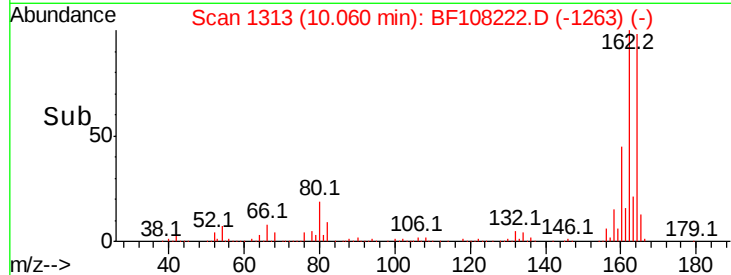
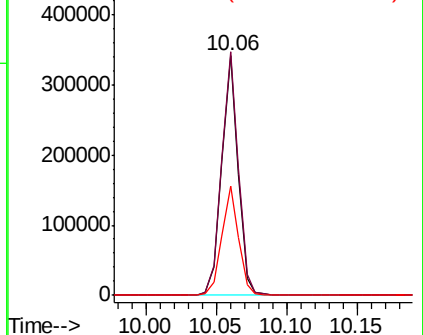
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108222.D
Acq: 17 Aug 2018 3:43

Instrument :
BNA_F
ClientSampleId :
DSN-001A-081418

Tot Ion:164 Resp: 276028
Ion Ratio Lower Upper
164 100
162 101.7 86.1 129.1
160 45.8 38.3 57.5

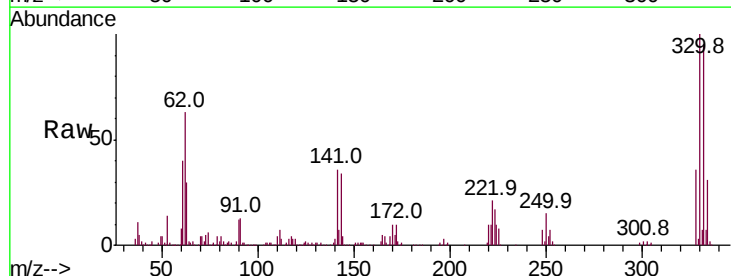


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

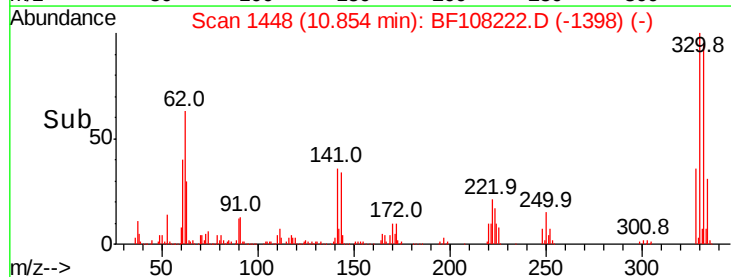
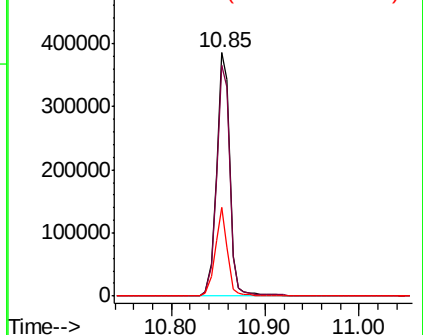


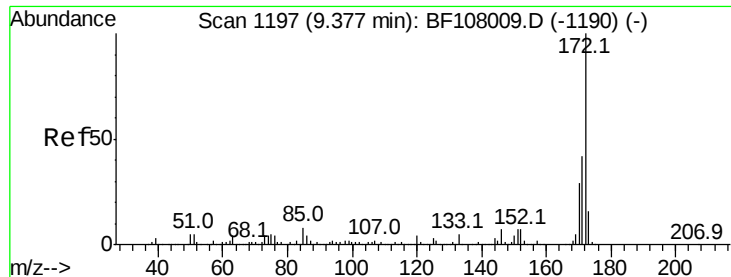
#41
2,4,6-Tribromophenol
Concen: 140.689 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108222.D
Acq: 17 Aug 2018 3:43

Tgt Ion:330 Resp: 387360
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 33.3 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

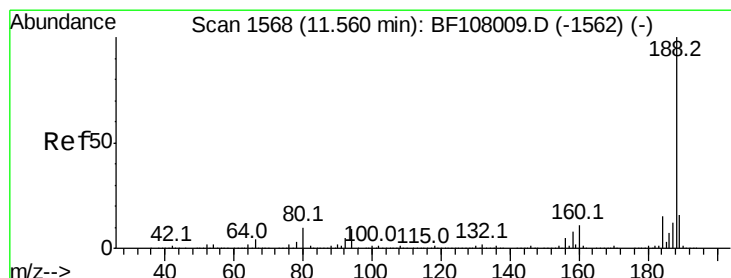
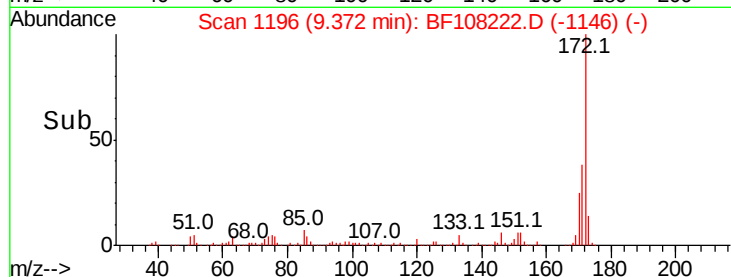
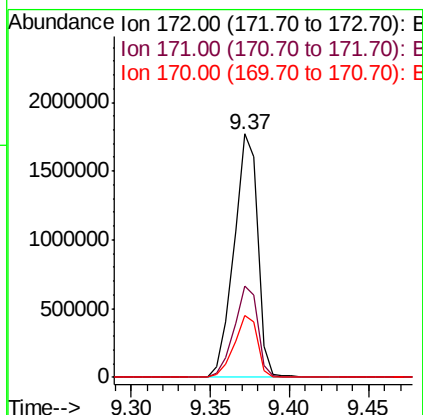
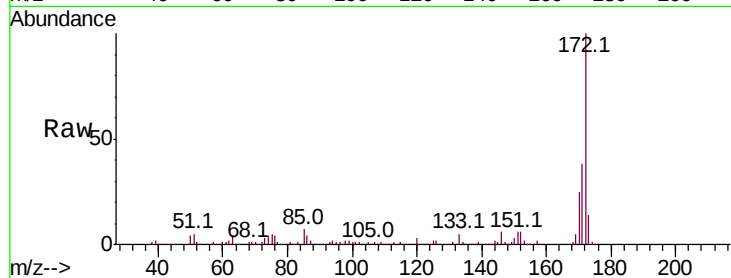




#44
 2-Fluorobiphenyl
 Concen: 107.373 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108222.D
 Acq: 17 Aug 2018 3:43

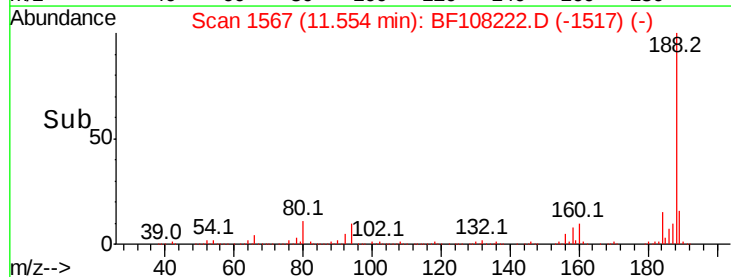
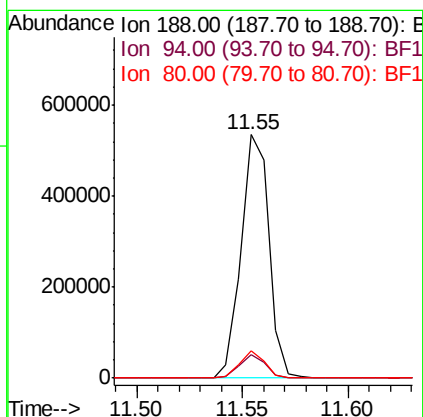
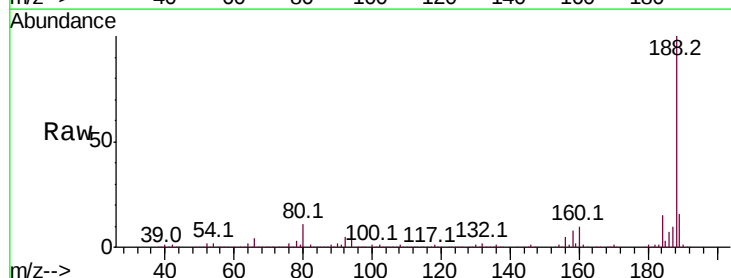
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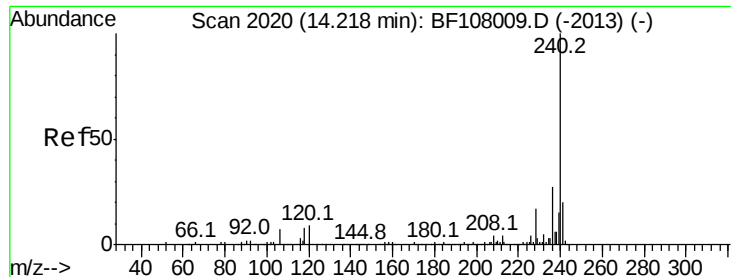
Tot Ion:172 Resp: 1846068
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.7 44.5
 170 25.4 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108222.D
 Acq: 17 Aug 2018 3:43

Tgt Ion:188 Resp: 489131
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 11.0 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108222.D

Acq: 17 Aug 2018 3:43

Instrument :

BNA_F

ClientSampleId :

DSN-001A-081418

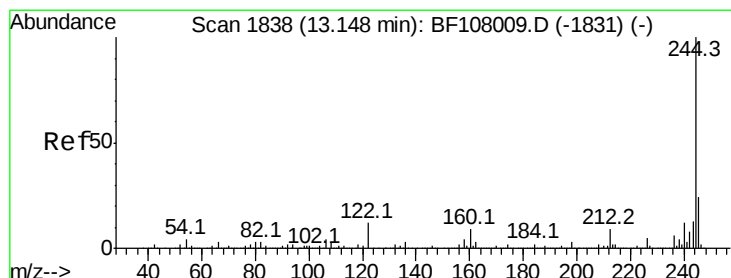
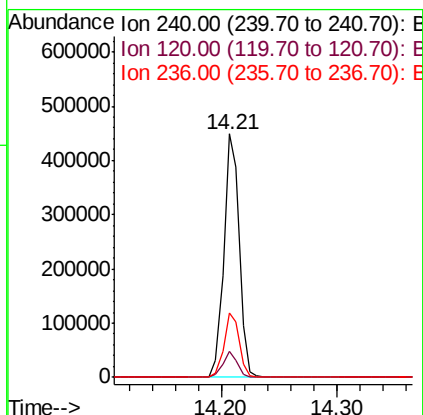
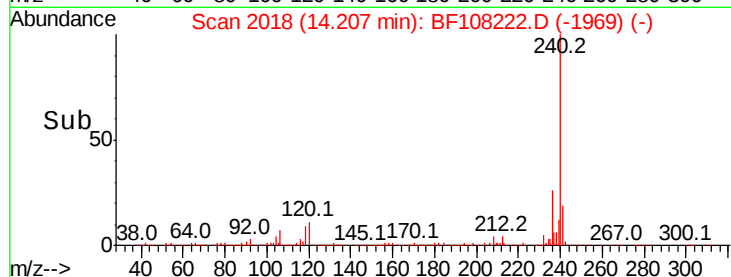
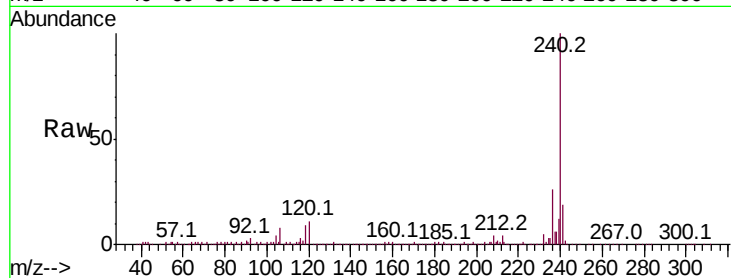
Tot Ion:240 Resp: 413628

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

236 26.4 20.7 31.1



#78

Terphenyl-d14

Concen: 107.964 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108222.D

Acq: 17 Aug 2018 3:43

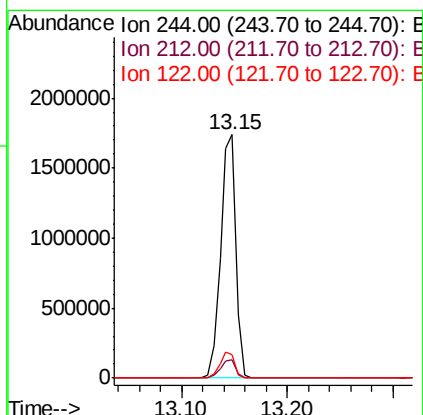
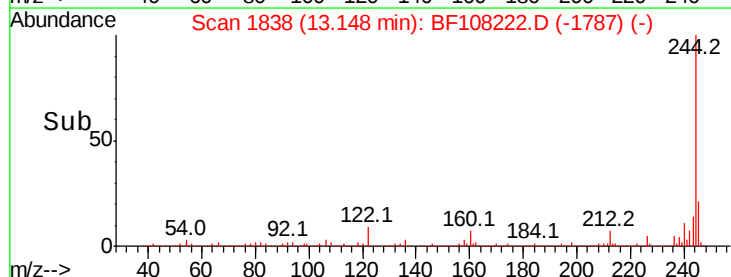
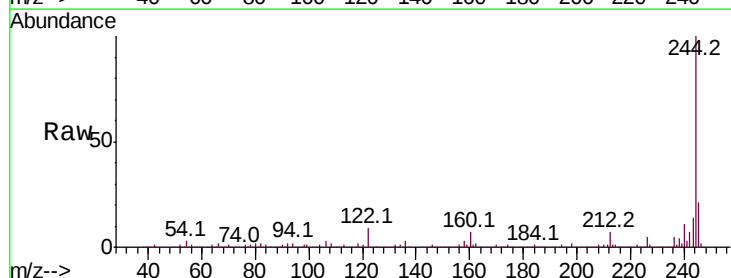
Tgt Ion:244 Resp: 1756377

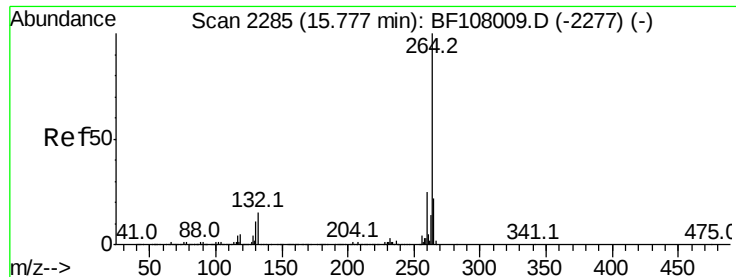
Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

122 9.4 11.0 16.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108222.D
Acq: 17 Aug 2018 3:43

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.8	17.5	26.3

