

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108171.D
 Acq On : 15 Aug 2018 17:49
 Operator : JU/SJ
 Sample : PB112068BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112068BL

Quant Time: Aug 16 02:11:03 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	7.02	152	225084	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	880807	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	470900	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	977637	20.00	ng	0.00
75) Chrysene-d12	14.21	240	816372	20.00	ng	0.00
86) Perylene-d12	15.78	264	646230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1467808	118.06	ng	0.03
7) Phenol-d6	6.64	99	1974828	119.53	ng	0.01
23) Nitrobenzene-d5	7.58	82	1367464	86.63	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	649953	138.37	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2525559	86.11	ng	0.00
78) Terphenyl-d14	13.15	244	2858277	89.02	ng	0.00

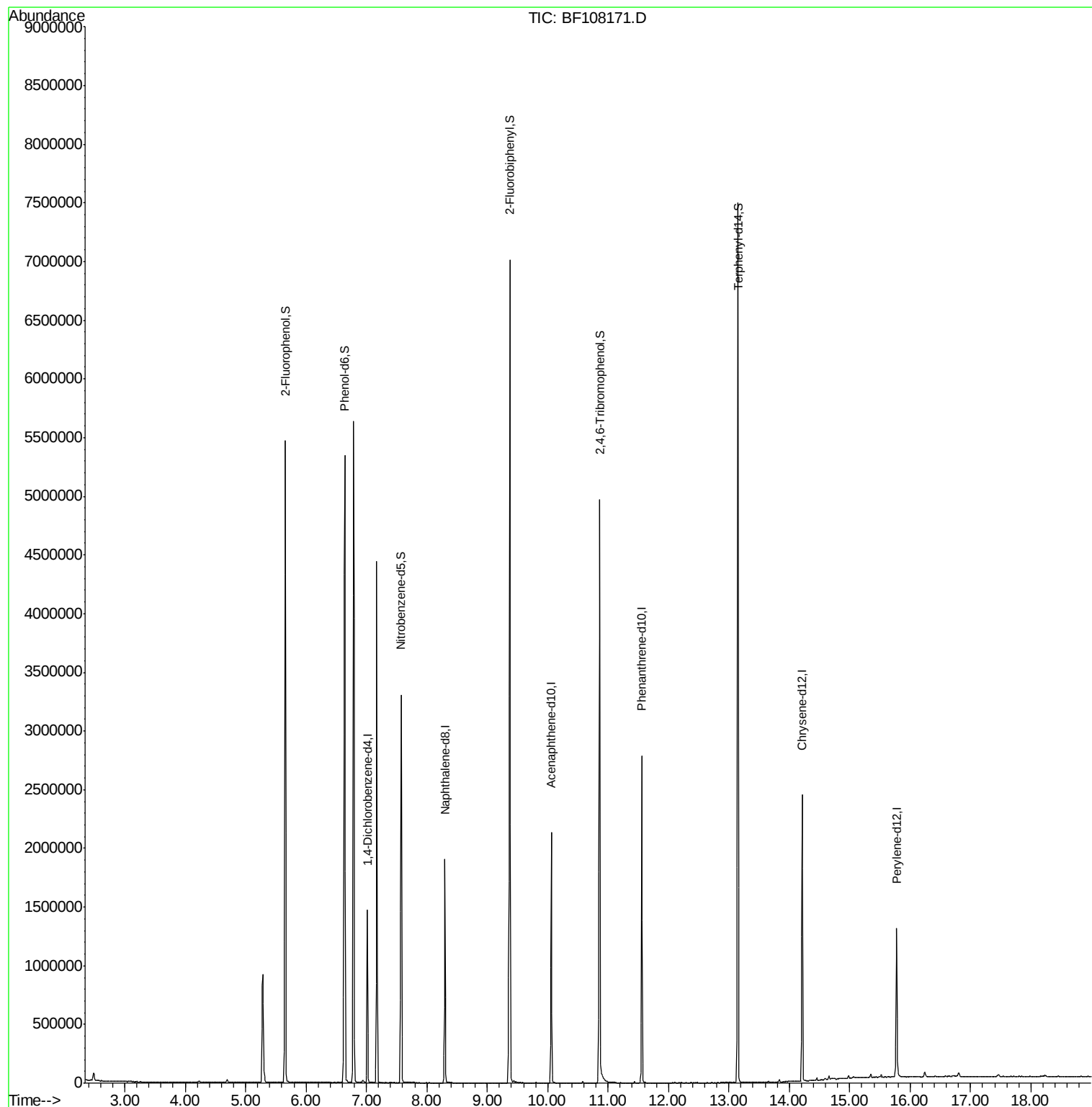
Target Compounds Qvalue

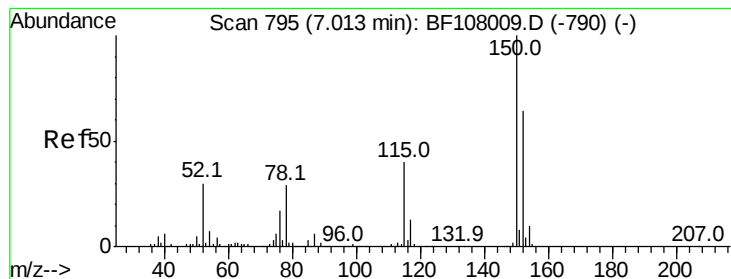
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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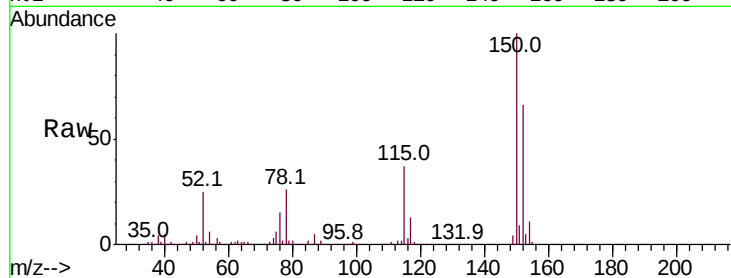


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.02 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF108171.D
 Acq: 15 Aug 2018 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112068BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	56.9	50.1	75.1

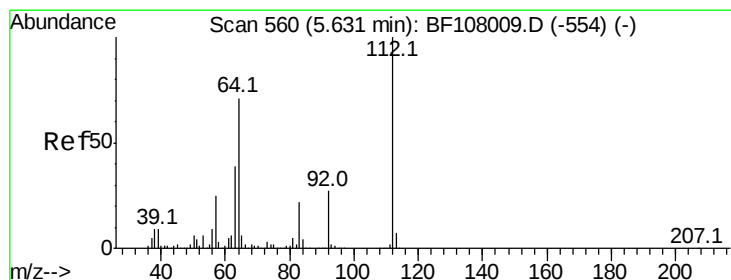
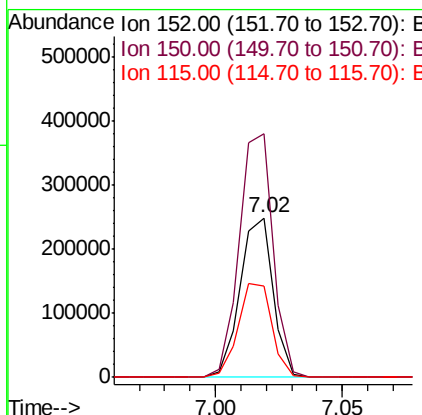
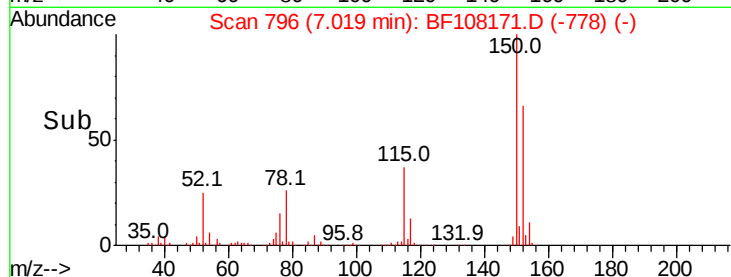


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

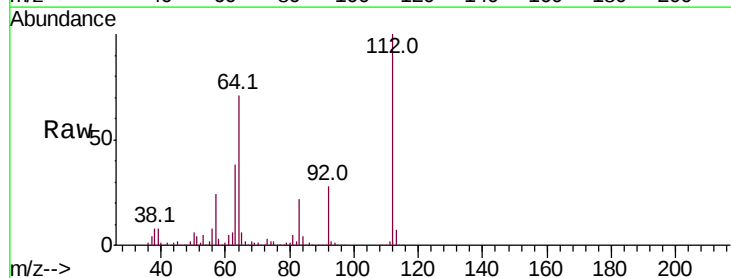
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 118.063 ng
 RT: 5.66 min Scan# 565
 Delta R.T. 0.03 min
 Lab File: BF108171.D
 Acq: 15 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	47.9	71.9
63	38.2	23.7	35.5

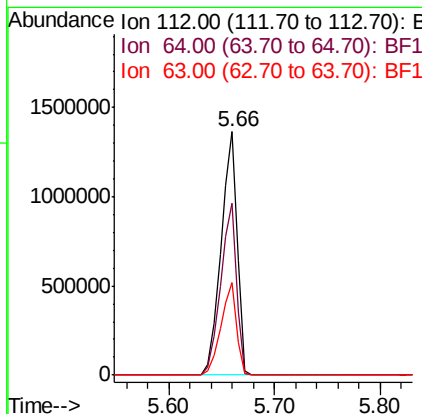
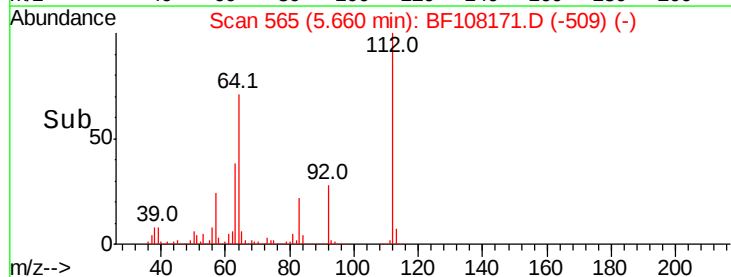


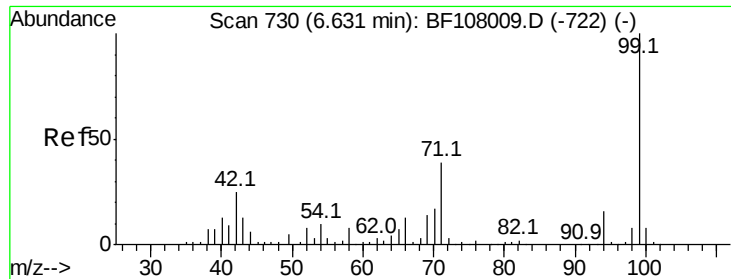
Abundance

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: 119.534 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108171.D

Acq: 15 Aug 2018 17:49

Instrument :

BNA_F

ClientSampleId :

PB112068BL

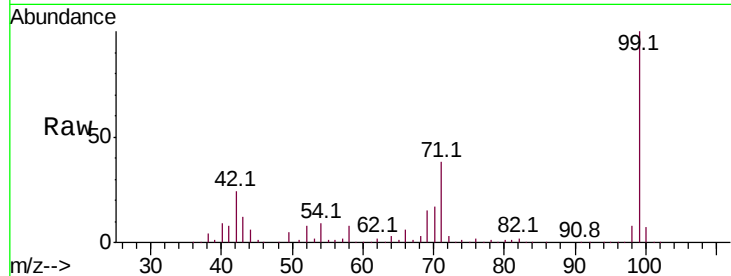
Tot Ion: 99 Resp: 1974828

Ion Ratio Lower Upper

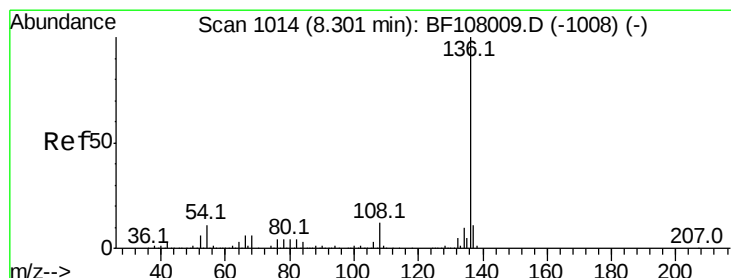
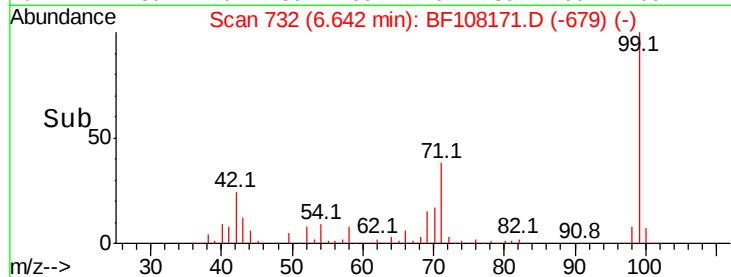
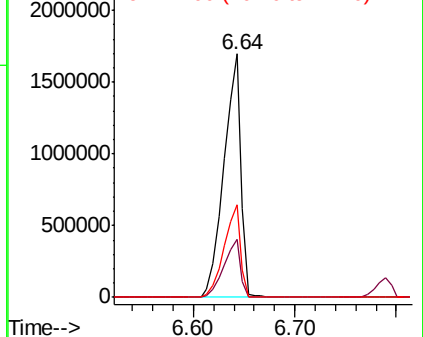
99 100

42 23.6 14.5 21.7#

71 38.1 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: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108171.D

Acq: 15 Aug 2018 17:49

Tgt Ion:136 Resp: 880807

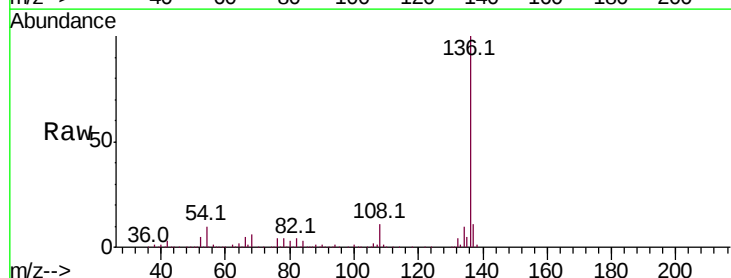
Ion Ratio Lower Upper

136 100

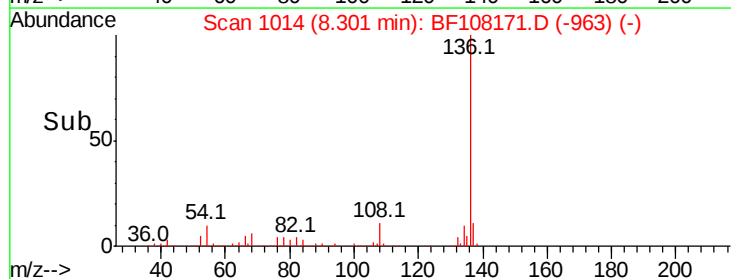
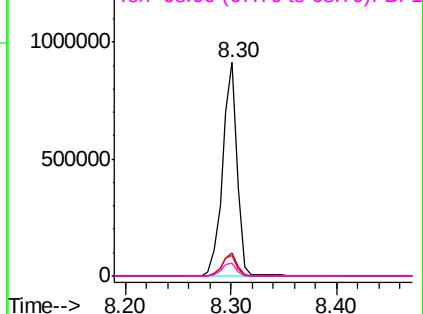
137 10.9 8.9 13.3

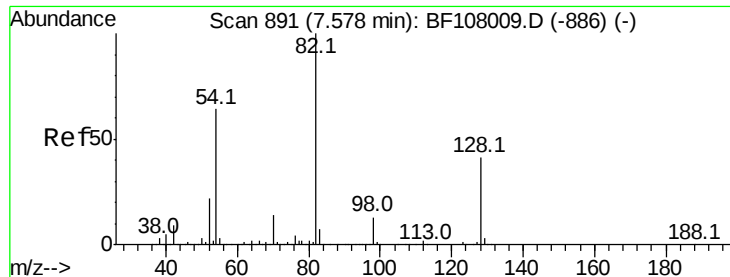
54 9.8 6.6 9.8

68 5.9 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

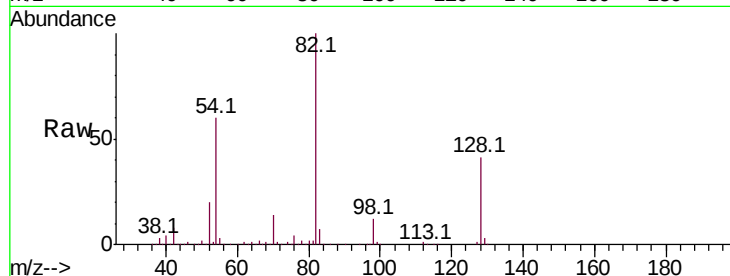




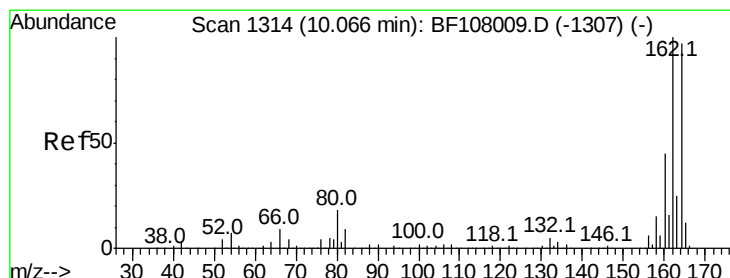
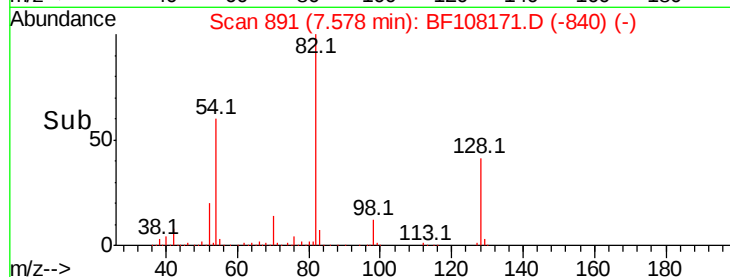
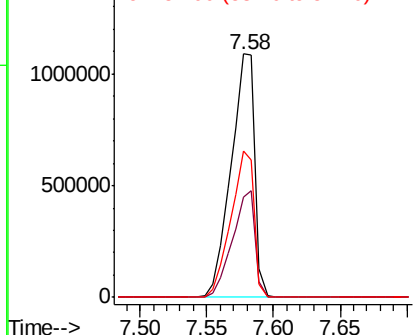
#23
Nitrobenzene-d5
Concen: 86.632 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108171.D
Acq: 15 Aug 2018 17:49

Instrument :
BNA_F
ClientSampled :
PB112068BL

Tot Ion: 82 Resp: 1367464
Ion Ratio Lower Upper
82 100
128 41.0 36.1 54.1
54 60.2 41.4 62.2

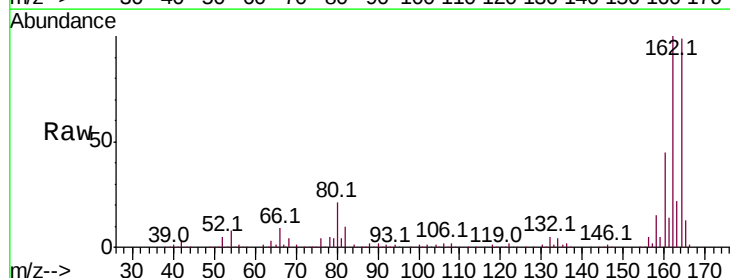


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

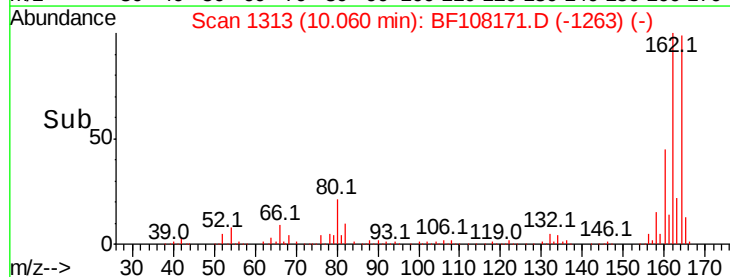
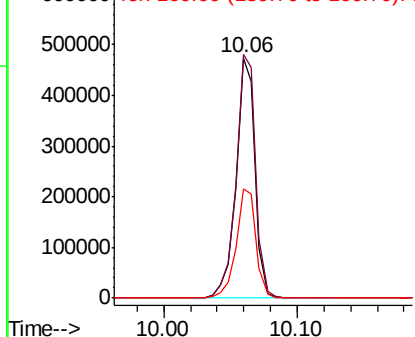


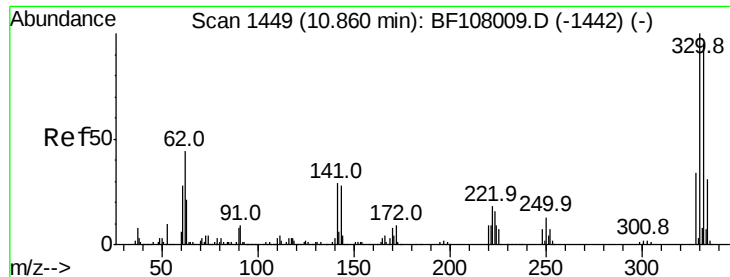
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108171.D
Acq: 15 Aug 2018 17:49

Tgt Ion:164 Resp: 470900
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 45.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
600000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

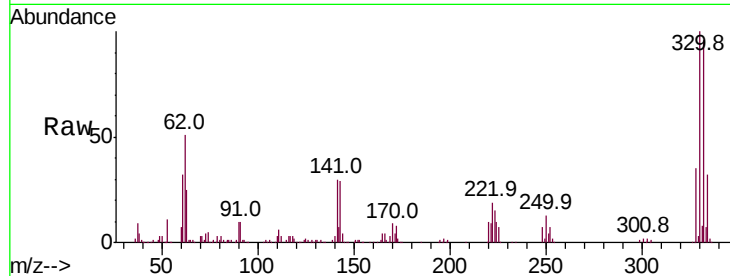




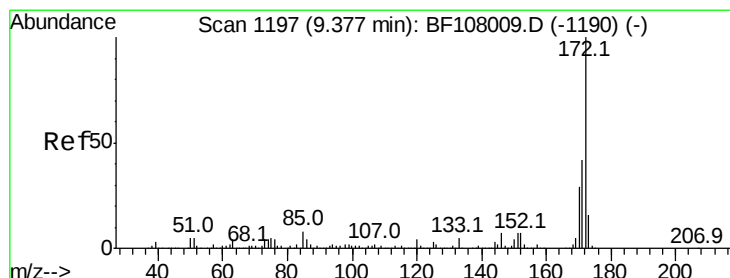
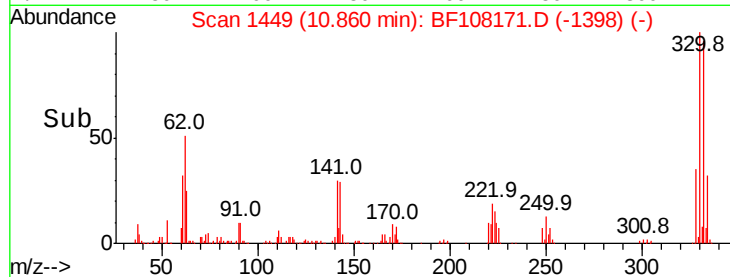
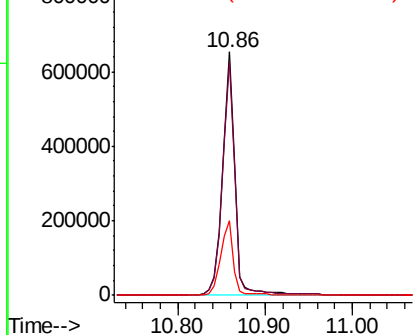
#41
 2,4,6-Tribromophenol
 Concen: 138.373 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108171.D
 Acq: 15 Aug 2018 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112068BL

Tot Ion:330 Resp: 649953
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 31.9 29.9 44.9

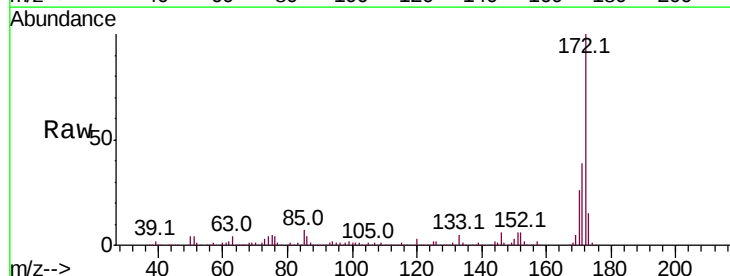


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

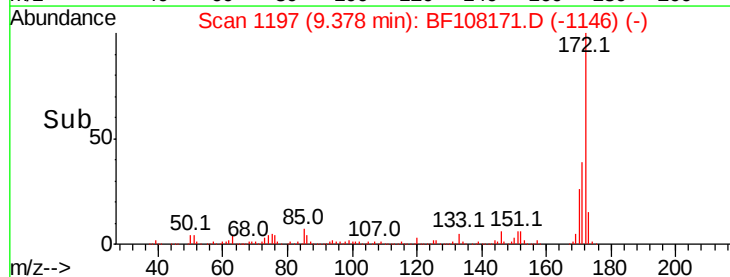
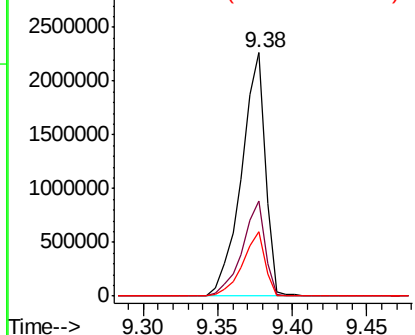


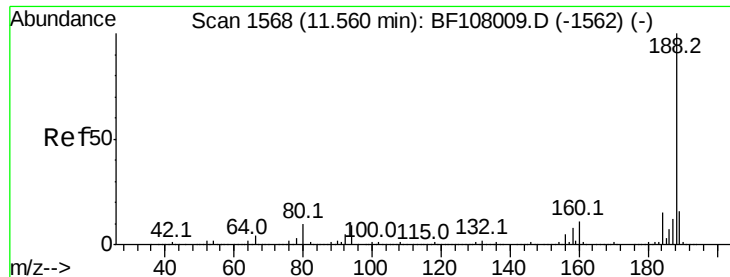
#44
 2-Fluorobiphenyl
 Concen: 86.105 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108171.D
 Acq: 15 Aug 2018 17:49

Tgt Ion:172 Resp: 2525559
 Ion Ratio Lower Upper
 172 100
 171 38.9 29.7 44.5
 170 26.2 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

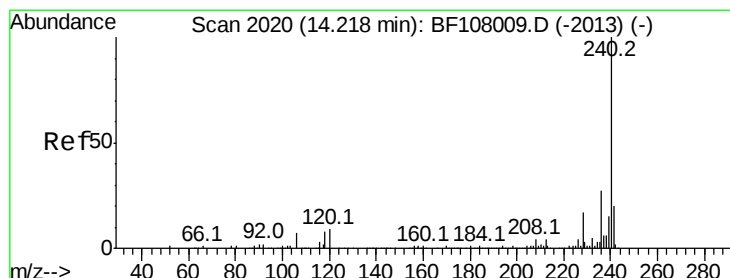
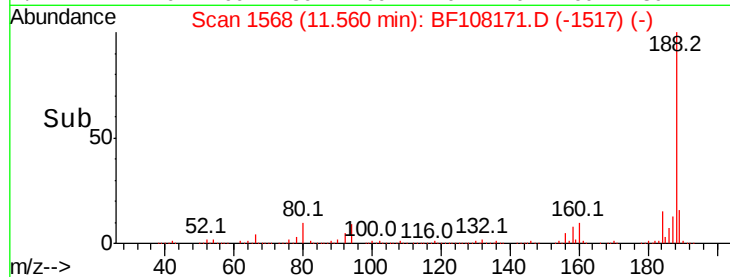
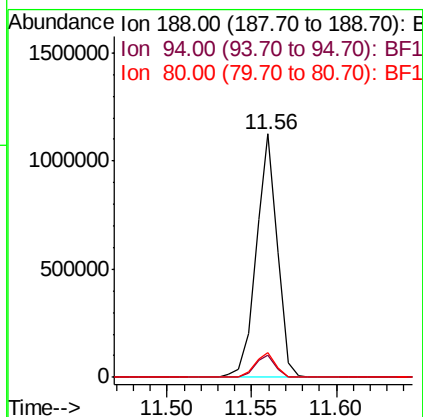
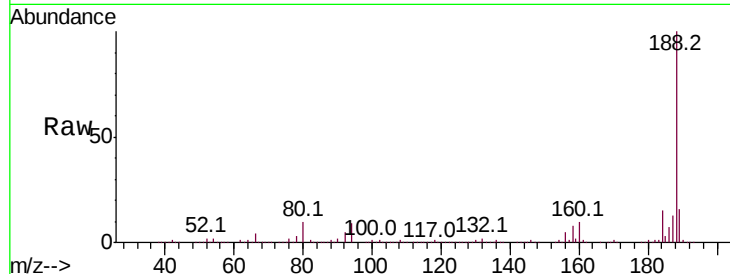




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108171.D
 Acq: 15 Aug 2018 17:49

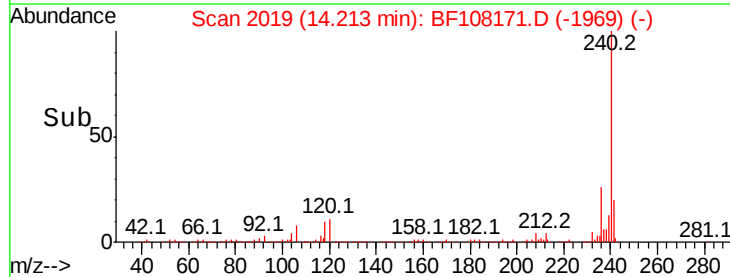
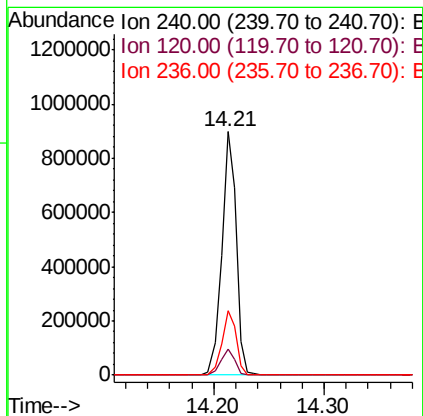
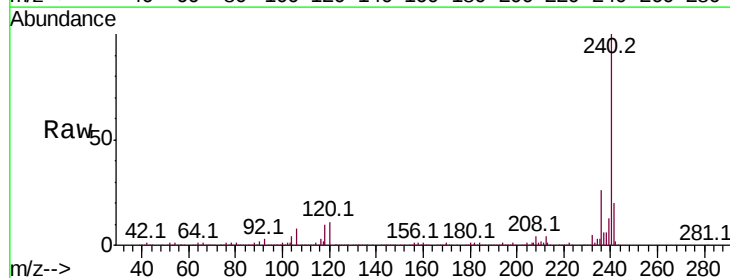
Instrument :
 BNA_F
 ClientSampleId :
 PB112068BL

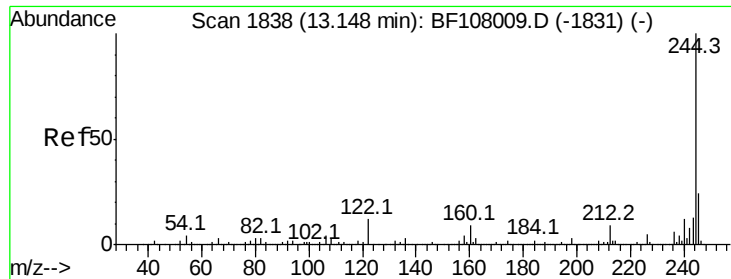
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.9	9.2	13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.21 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF108171.D
 Acq: 15 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	26.3	20.7	31.1





#78

Terphenyl-d14

Concen: 89.020 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108171.D

Acq: 15 Aug 2018 17:49

Instrument :

BNA_F

ClientSampleId :

PB112068BL

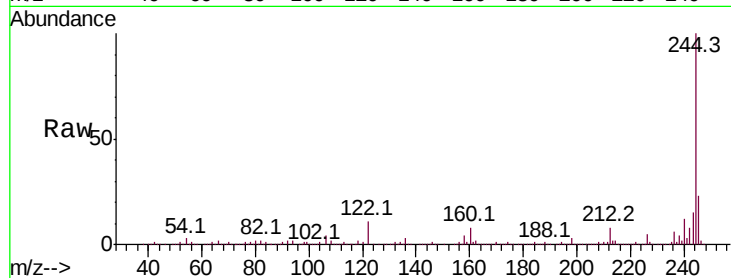
Tot Ion:244 Resp: 2858277

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

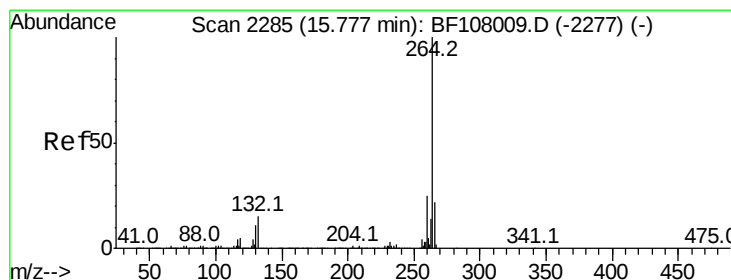
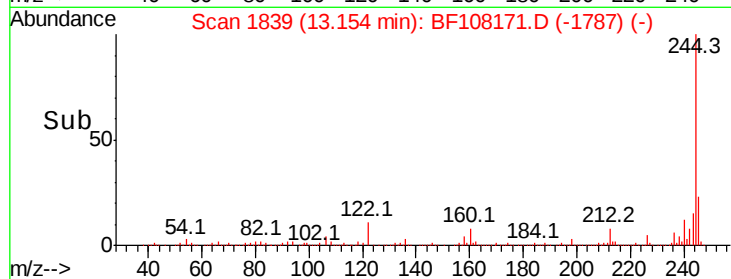
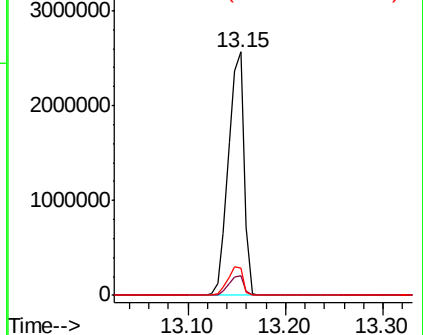
122 11.1 11.0 16.4



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: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108171.D

Acq: 15 Aug 2018 17:49

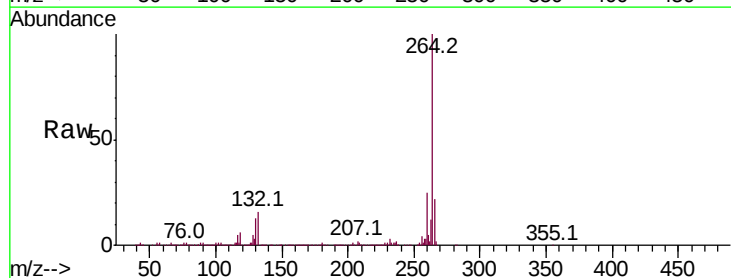
Tgt Ion:264 Resp: 646230

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.1 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

