

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108362.D
 Acq On : 22 Aug 2018 2:37
 Operator : JU/SJ
 Sample : J4275-11 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082018-B

Quant Time: Aug 22 03:54:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	159953	20.00	ng	-0.01
21) Naphthalene-d8	8.29	136	604759	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	273453	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	444433	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	372543	20.00	ng	-0.02
86) Perylene-d12	15.75	264	303915	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	159834	18.09	ng	-0.01
7) Phenol-d6	6.61	99	216610	18.45	ng	-0.02
23) Nitrobenzene-d5	7.56	82	133705	12.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	41137	15.08	ng	-0.02
44) 2-Fluorobiphenyl	9.36	172	260266	15.28	ng	-0.02
78) Terphenyl-d14	13.12	244	197366	13.47	ng	-0.02

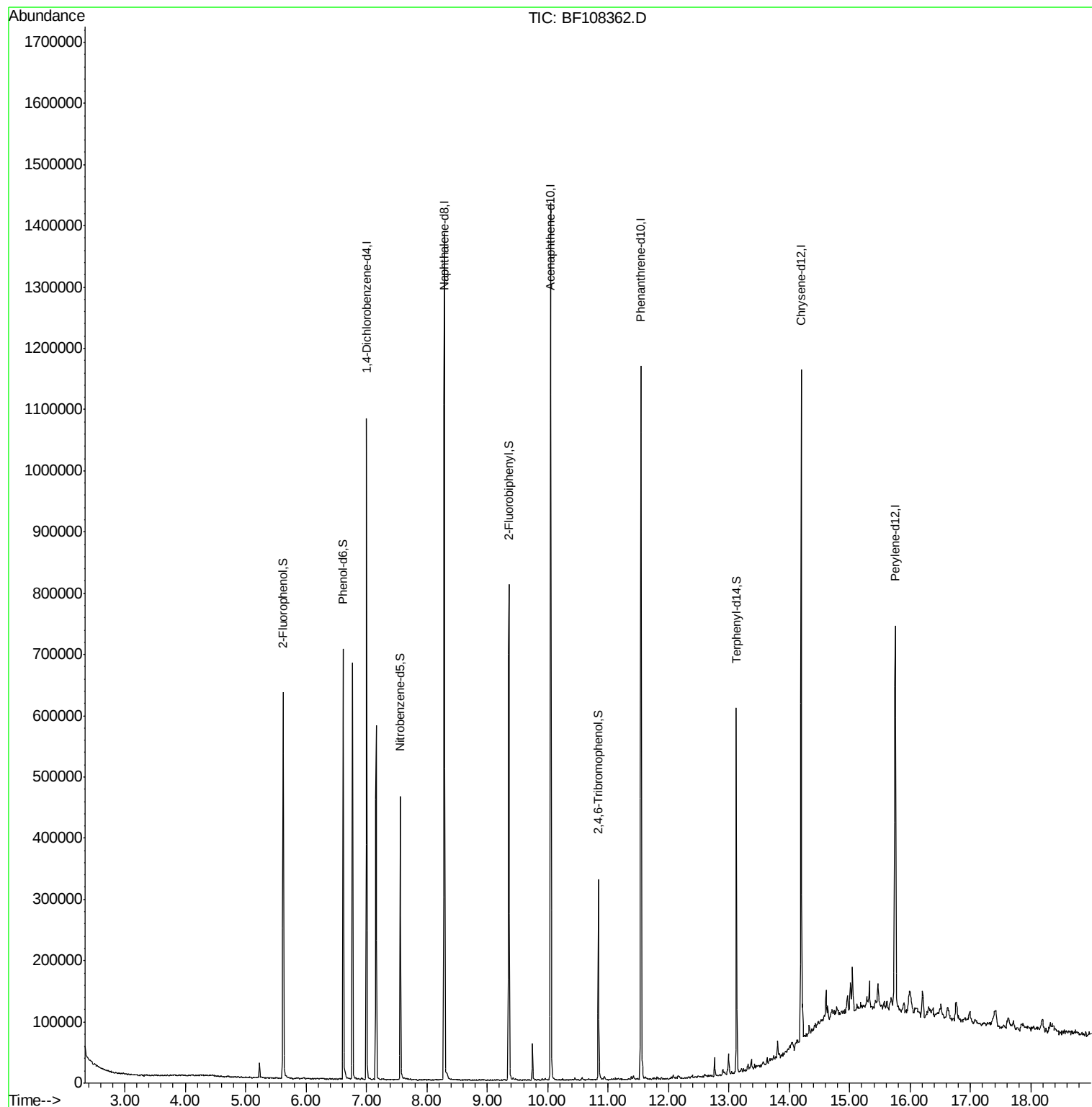
Target Compounds Qvalue

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

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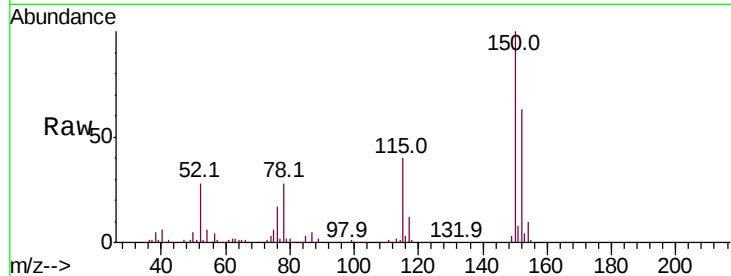


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108362.D
Acq: 22 Aug 2018 2:37

Instrument :
BNA_F
ClientSampleId :
CL-01-082018-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	63.1	50.1	75.1

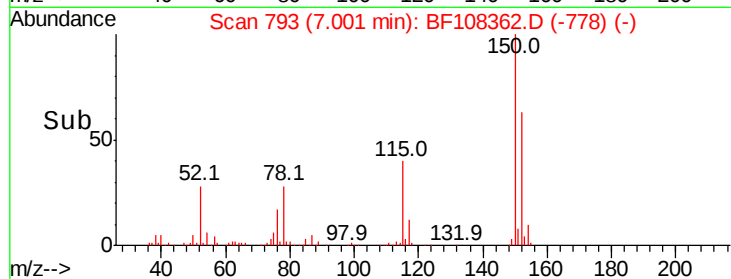
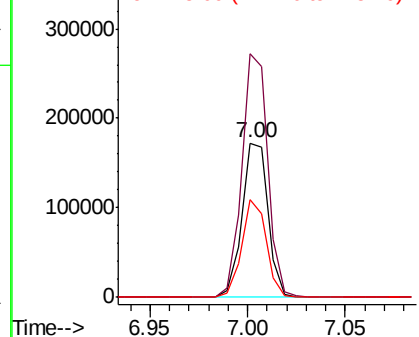


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

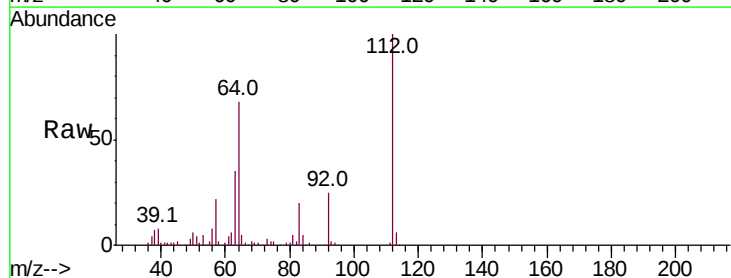
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 18.091 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108362.D
Acq: 22 Aug 2018 2:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	47.9	71.9
63	34.9	23.7	35.5

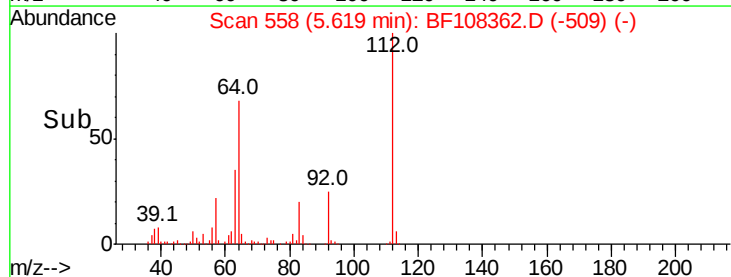
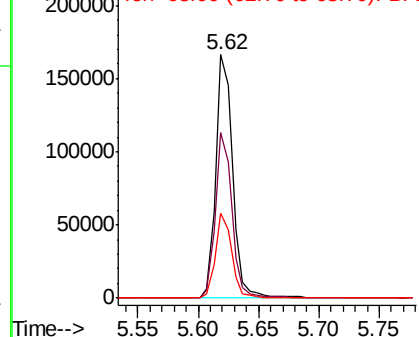


Abundance

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: 18.450 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108362.D

Acq: 22 Aug 2018 2:37

Instrument :

BNA_F

ClientSampleId :

CL-01-082018-B

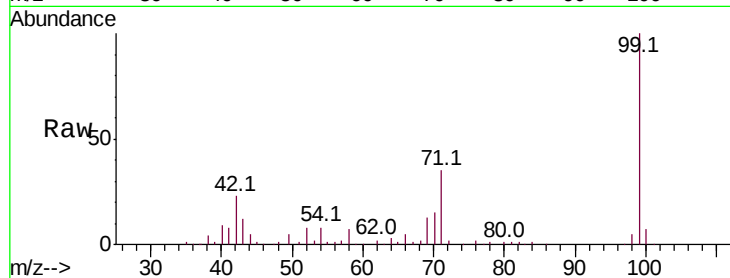
Tot Ion: 99 Resp: 216610

Ion Ratio Lower Upper

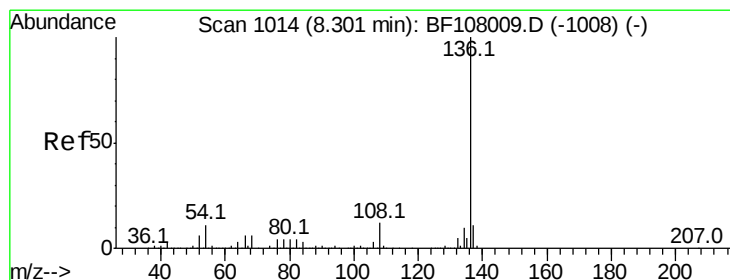
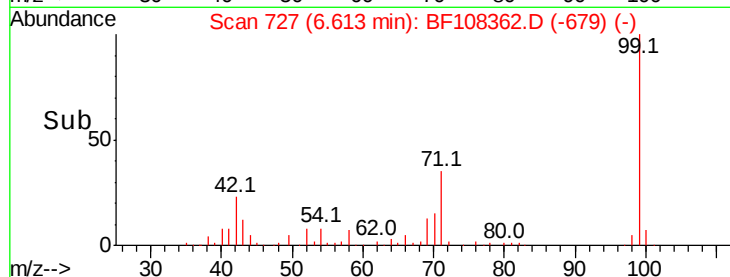
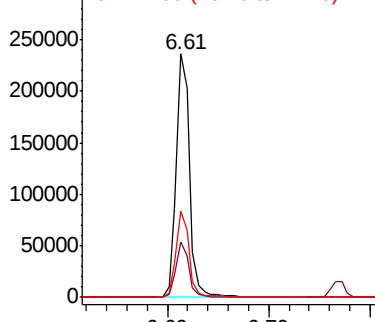
99 100

42 23.0 14.5 21.7#

71 35.2 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: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF108362.D

Acq: 22 Aug 2018 2:37

Tgt Ion: 136 Resp: 604759

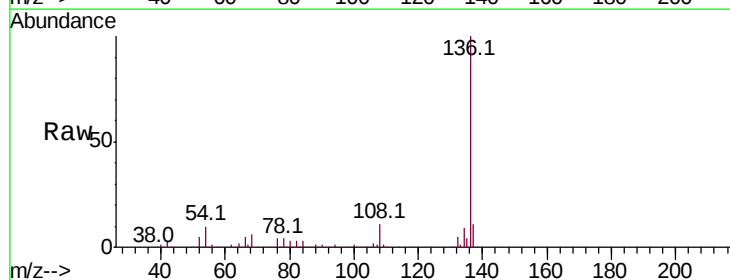
Ion Ratio Lower Upper

136 100

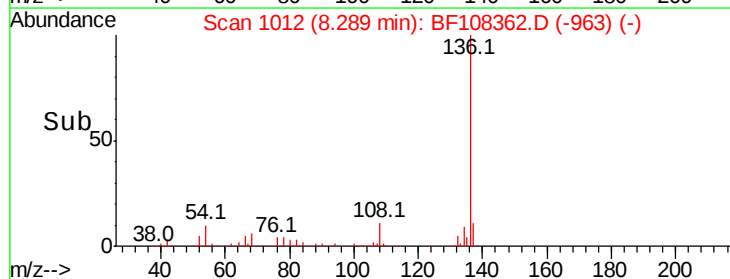
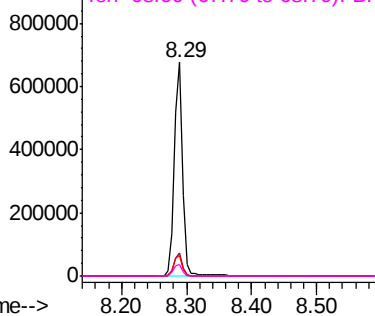
137 10.7 8.9 13.3

54 9.6 6.6 9.8

68 5.7 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

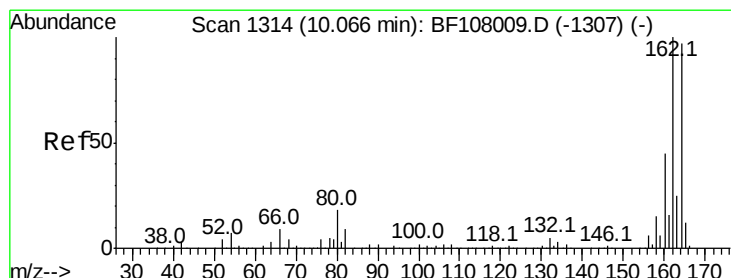
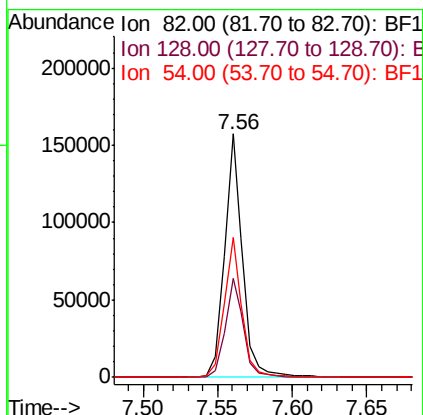
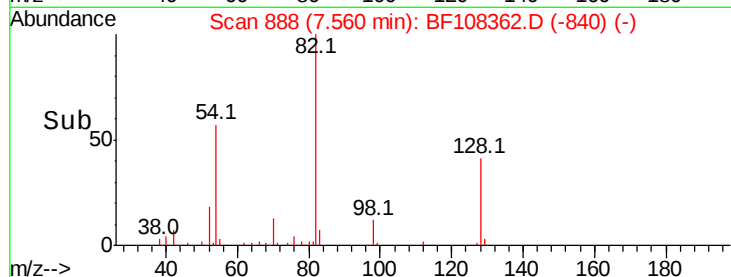
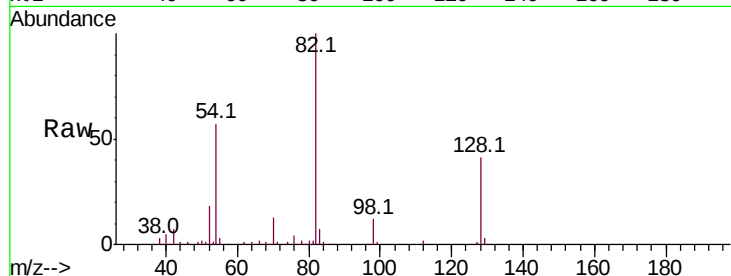




#23
Nitrobenzene-d5
Concen: 12.337 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF108362.D
Acq: 22 Aug 2018 2:37

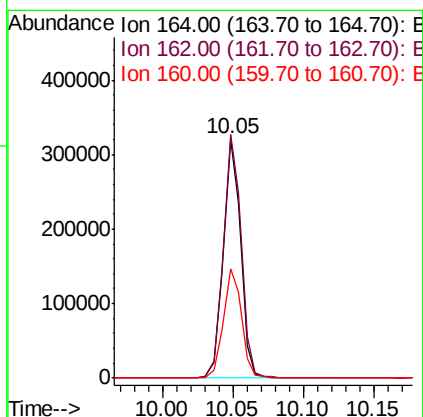
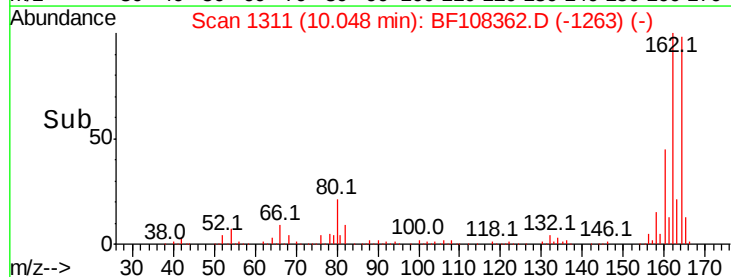
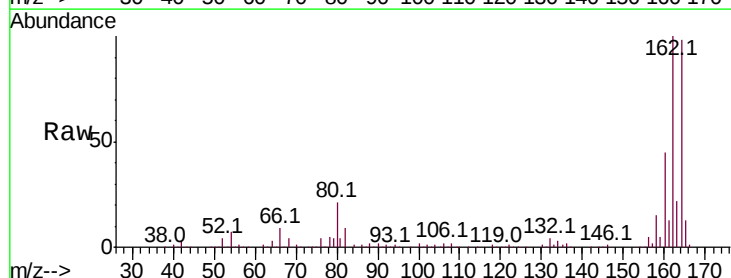
Instrument :
BNA_F
ClientSampleId :
CL-01-082018-B

Tot Ion: 82 Resp: 133705
Ion Ratio Lower Upper
82 100
128 40.7 36.1 54.1
54 57.3 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108362.D
Acq: 22 Aug 2018 2:37

Tgt Ion:164 Resp: 273453
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 45.7 38.3 57.5

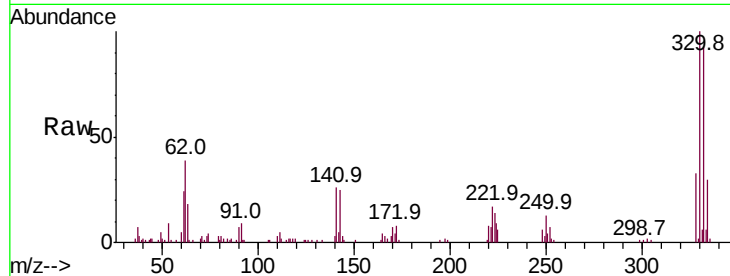




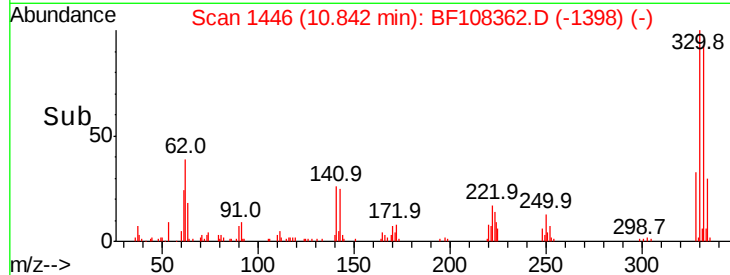
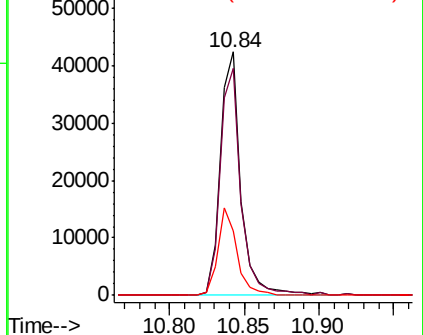
#41
 2,4,6-Tribromophenol
 Concen: 15.082 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF108362.D
 Acq: 22 Aug 2018 2:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082018-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	33.0	29.9	44.9

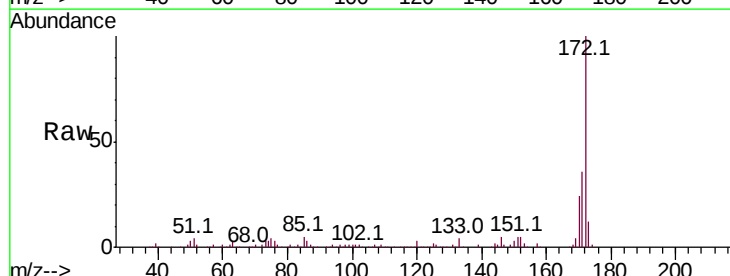


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

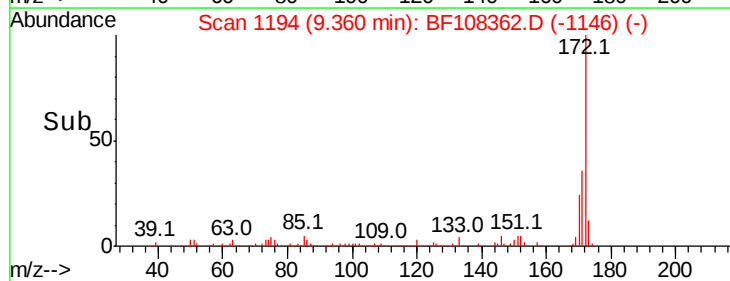
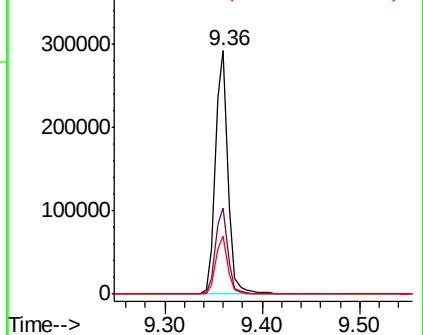


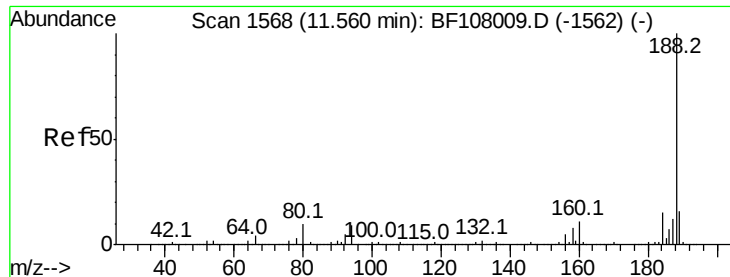
#44
 2-Fluorobiphenyl
 Concen: 15.280 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF108362.D
 Acq: 22 Aug 2018 2:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.0	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

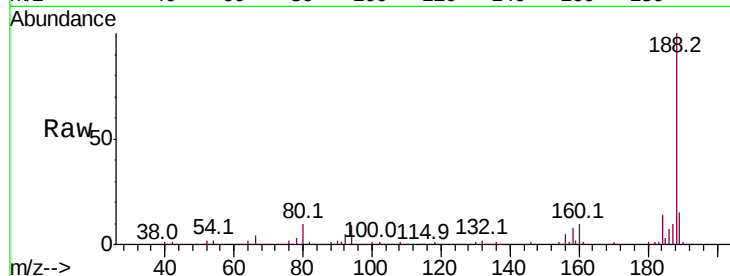




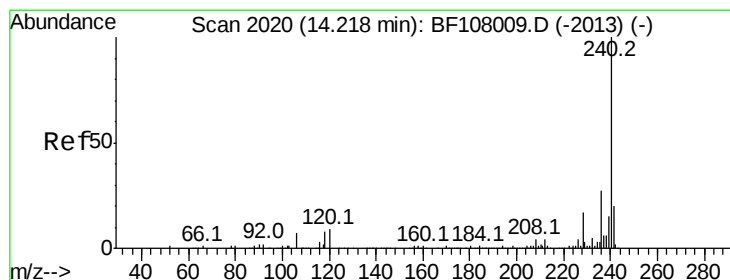
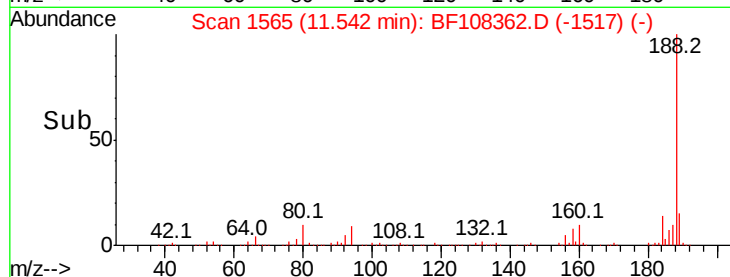
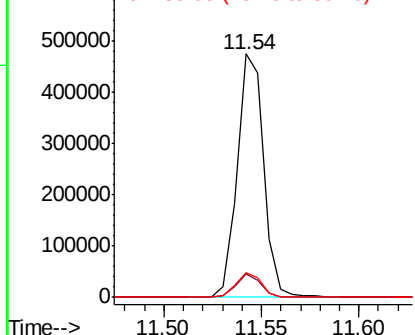
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF108362.D
Acq: 22 Aug 2018 2:37

Instrument :
BNA_F
ClientSampleId :
CL-01-082018-B

Tot Ion:188 Resp: 444433
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.3 9.2 13.8

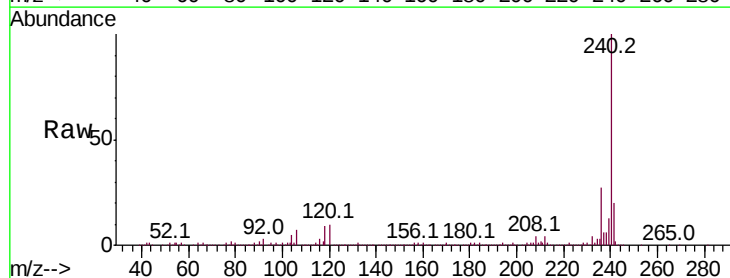


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

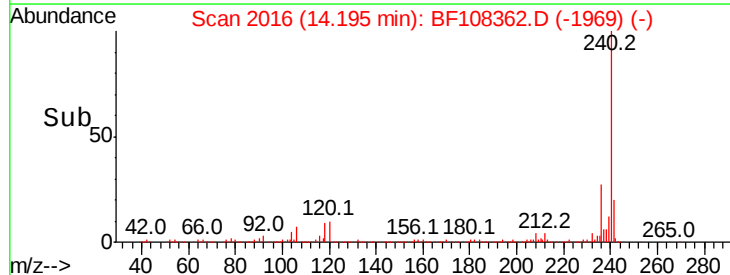
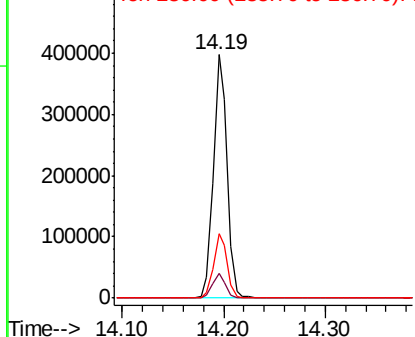


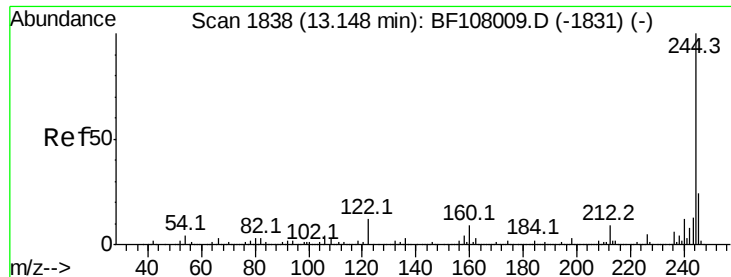
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF108362.D
Acq: 22 Aug 2018 2:37

Tgt Ion:240 Resp: 372543
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 26.6 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

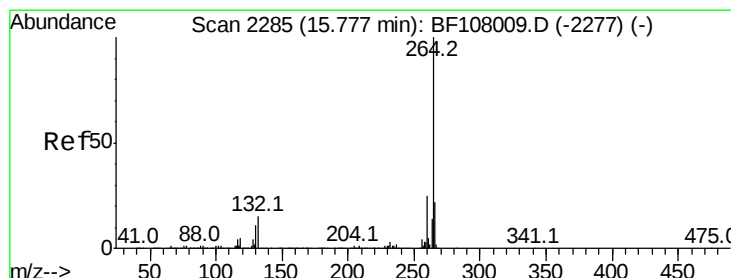
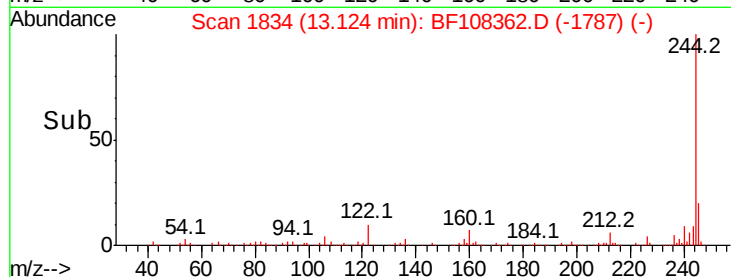
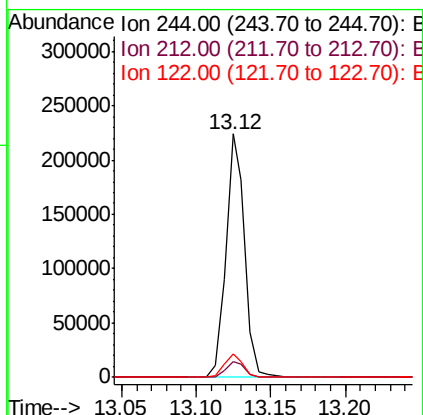
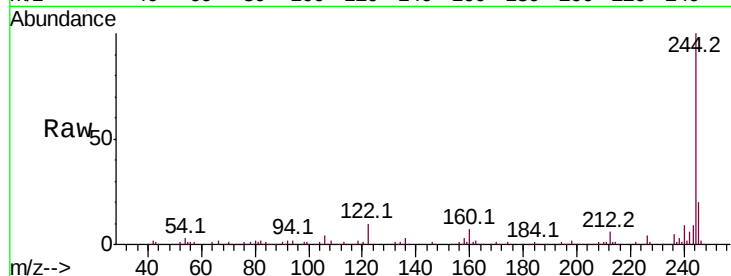




#78
 Terphenyl-d14
 Concen: 13.470 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BF108362.D
 Acq: 22 Aug 2018 2:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082018-B

Tot Ion:244 Resp: 197366
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF108362.D
 Acq: 22 Aug 2018 2:37

Tgt Ion:264 Resp: 303915
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.5 17.5 26.3

