

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112182.D
 Acq On : 22 Jan 2019 9:01
 Operator : JU/SJ
 Sample : K1009-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-011819-C

Quant Time: Jan 22 10:04:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	241536	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	907254	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	405408	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	732168	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	599597	20.00	ng	-0.01
87) Perylene-d12	15.49	264	495510	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1418517	106.60	ng	0.00
7) Phenol-d6	6.50	99	1496367	89.87	ng	0.00
23) Nitrobenzene-d5	7.41	82	1242744	94.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	542447	124.03	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2344531	84.79	ng	0.00
79) Terphenyl-d14	12.96	244	2359462	83.71	ng	0.00

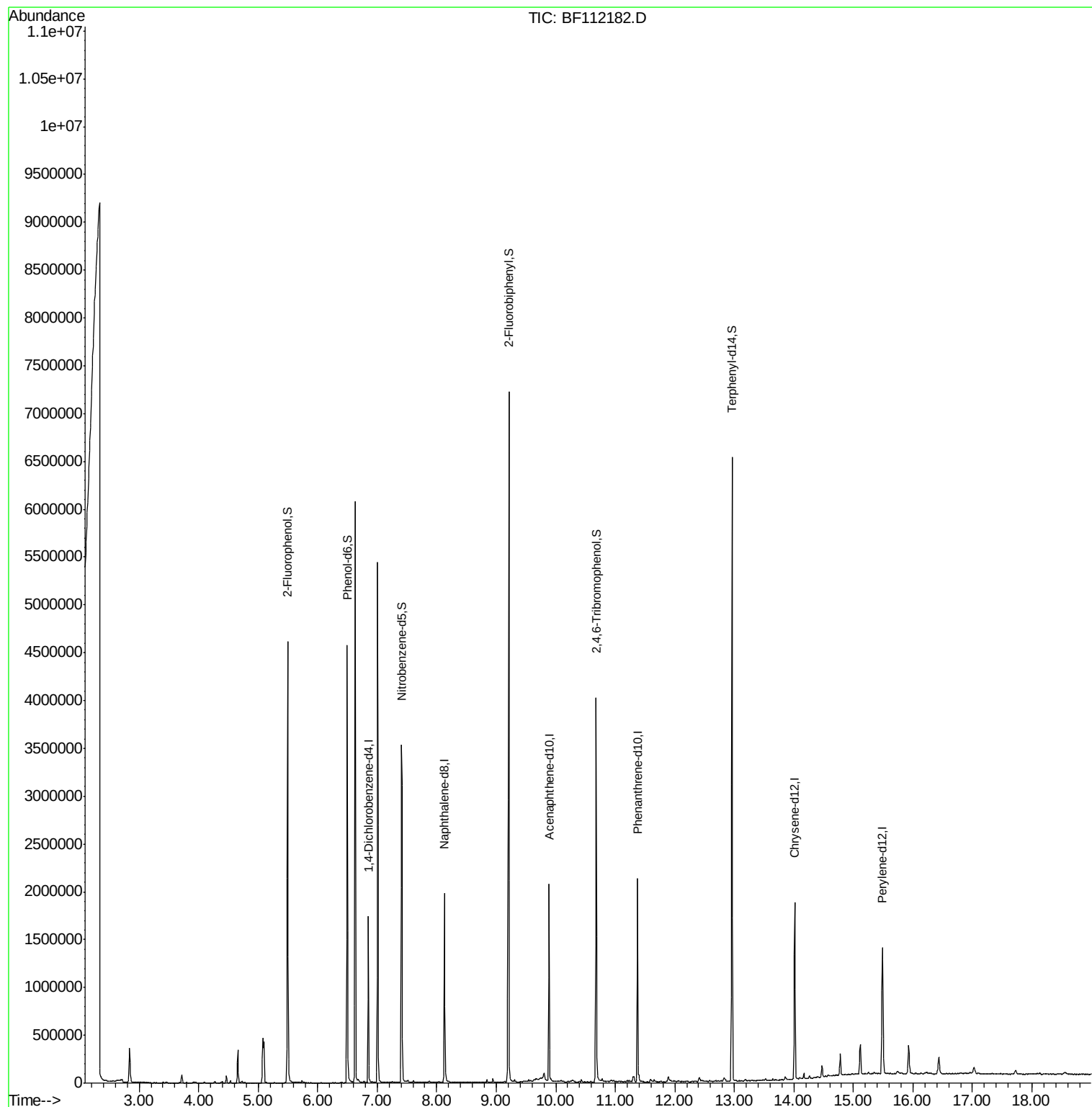
Target Compounds Qvalue

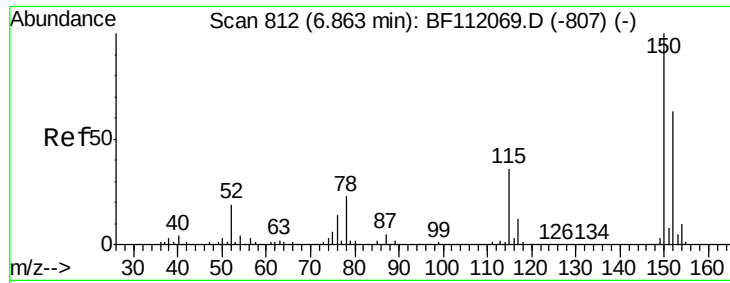
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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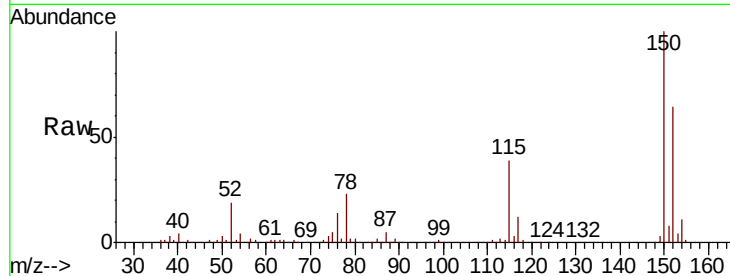


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112182.D
 Acq: 22 Jan 2019 9:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-011819-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	127.4	191.0
115	60.8	45.5	68.3

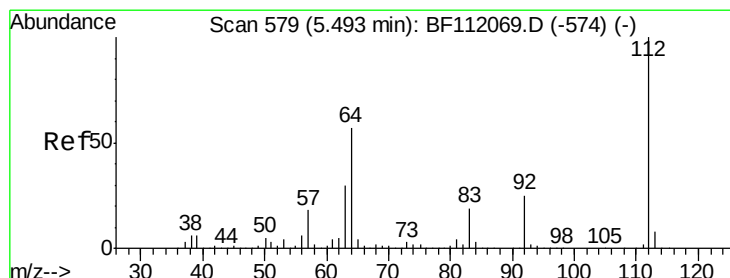
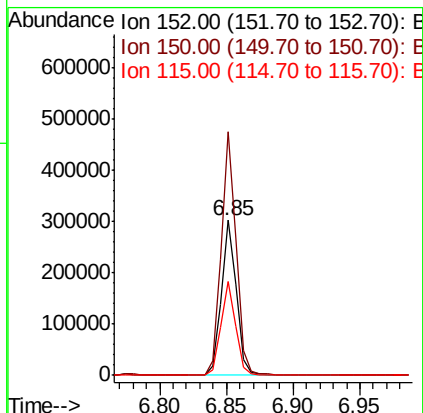
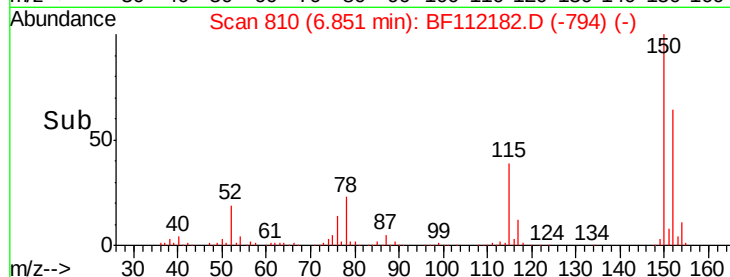


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

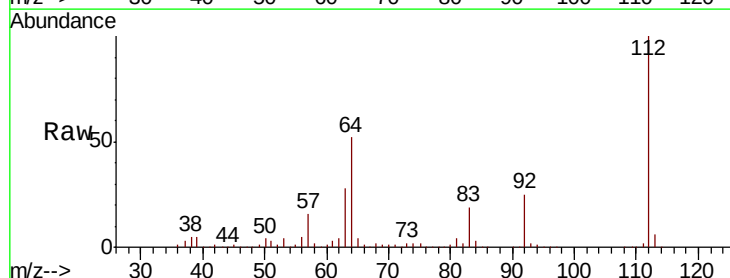
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 106.595 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF112182.D
 Acq: 22 Jan 2019 9:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	45.7	68.5
63	27.9	23.6	35.4

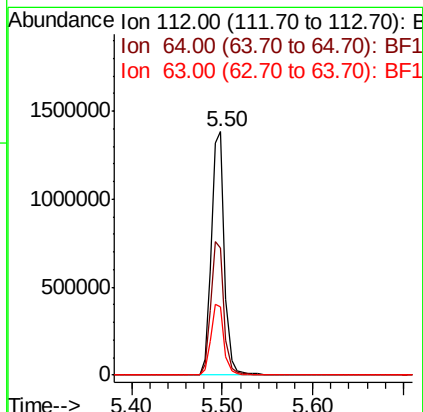
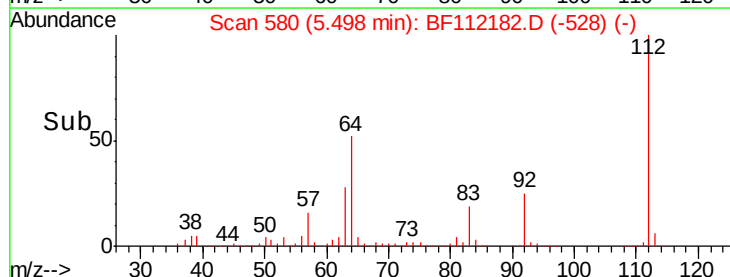


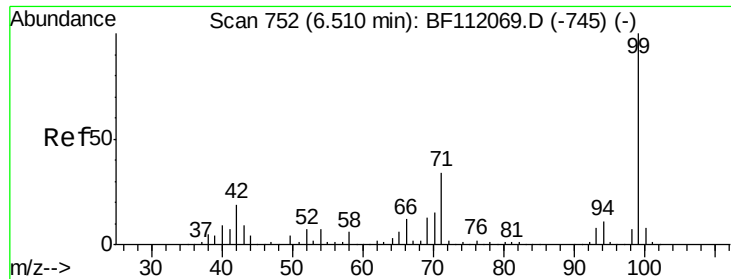
Abundance

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: 89.873 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112182.D

Acq: 22 Jan 2019 9:01

Instrument :

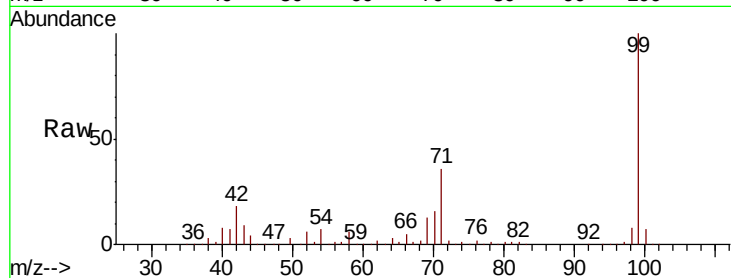
BNA_F

ClientSampleId :

CL-01-011819-C

Tot Ion: 99 Resp: 1496367

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.1	22.7
71	35.8	26.9	40.3

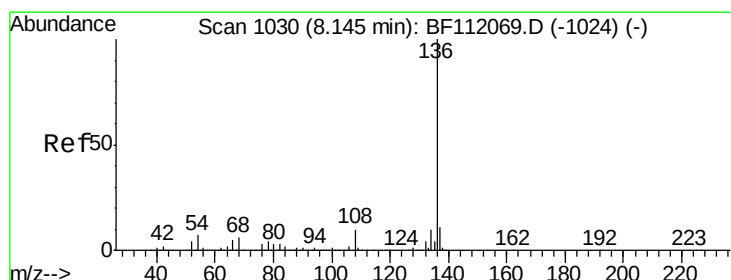
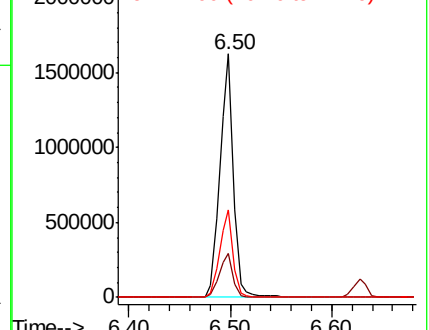
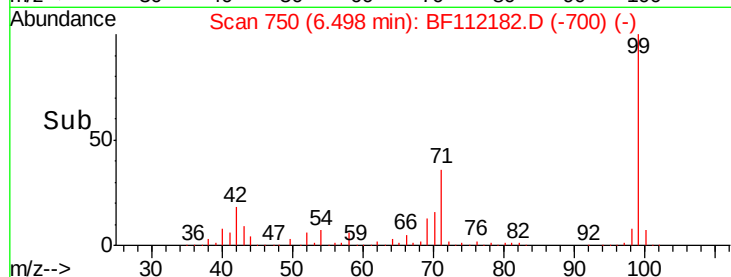


Abundance

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: 8.13 min Scan# 1028

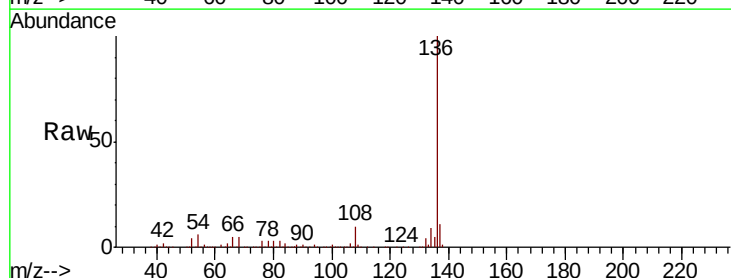
Delta R.T. -0.01 min

Lab File: BF112182.D

Acq: 22 Jan 2019 9:01

Tgt Ion: 136 Resp: 907254

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.1	5.9	8.9
68	5.1	5.1	7.7#



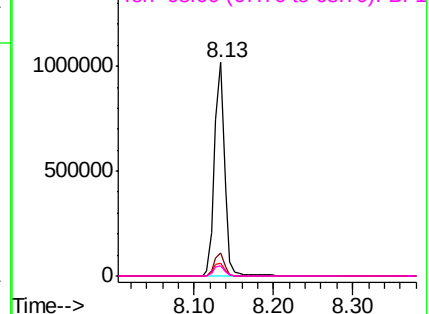
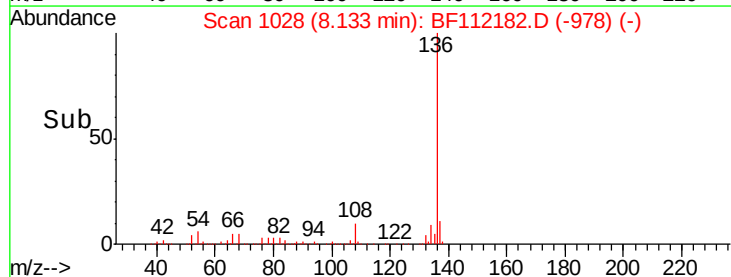
Abundance

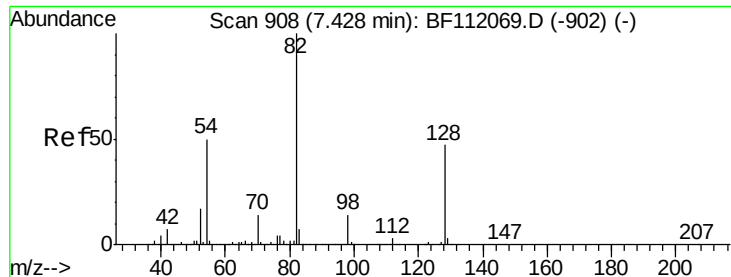
Ion 136.00 (135.70 to 136.70): E

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



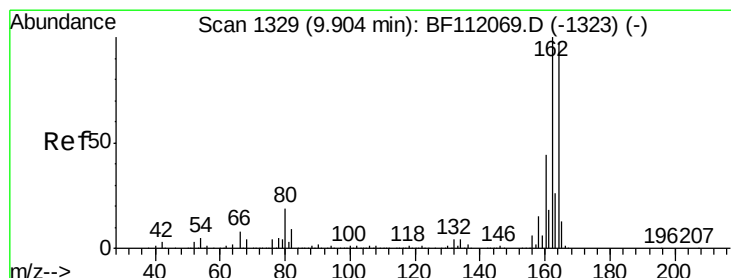
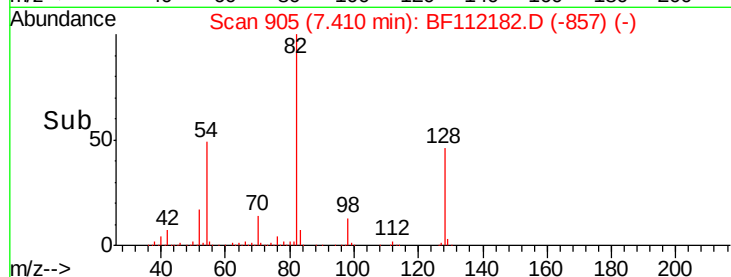
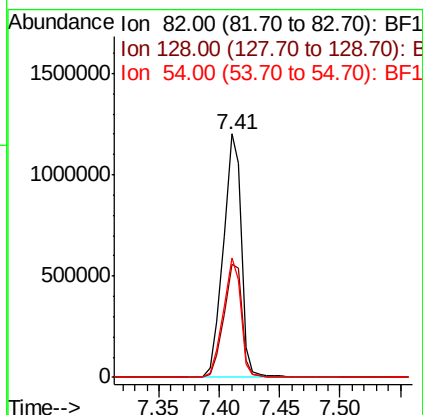
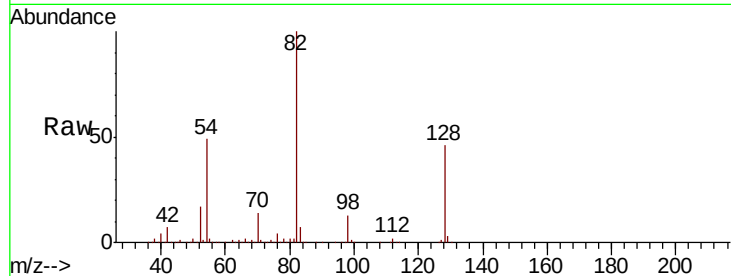


#23
 Nitrobenzene-d5
 Concen: 94.637 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF112182.D
 Acq: 22 Jan 2019 9:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-011819-C

Tot Ion: 82 Resp: 1242744

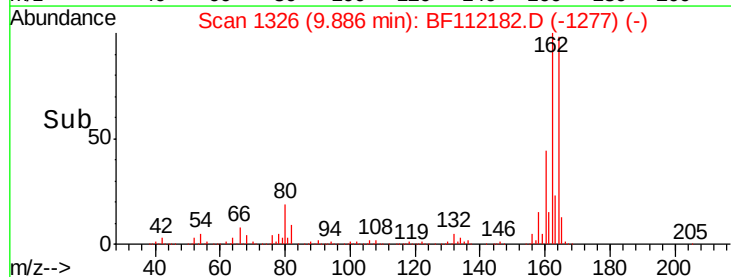
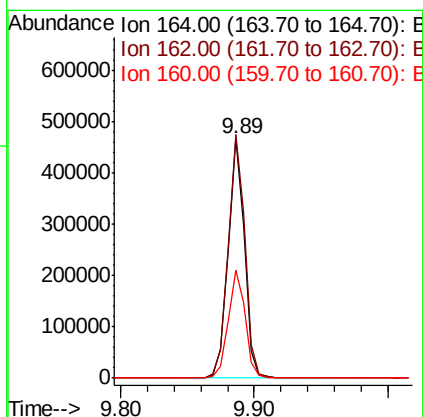
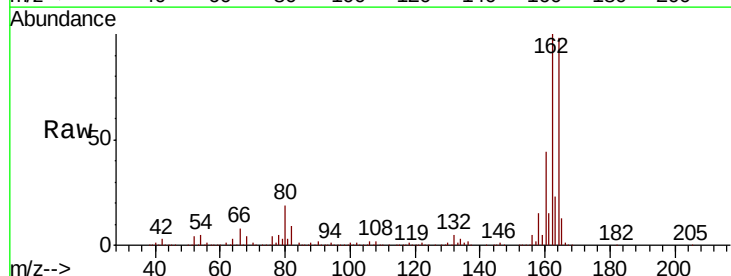
Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.8	56.8
54	49.2	39.7	59.5

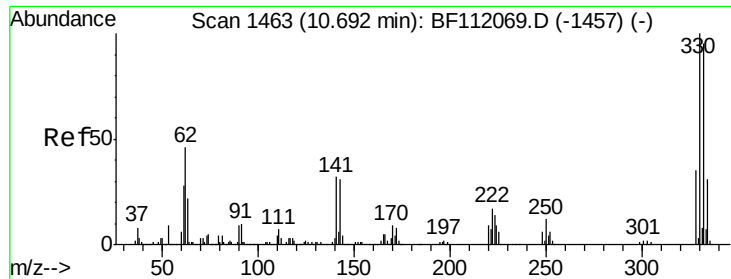


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF112182.D
 Acq: 22 Jan 2019 9:01

Tgt Ion: 164 Resp: 405408

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.4
160	45.1	36.2	54.4

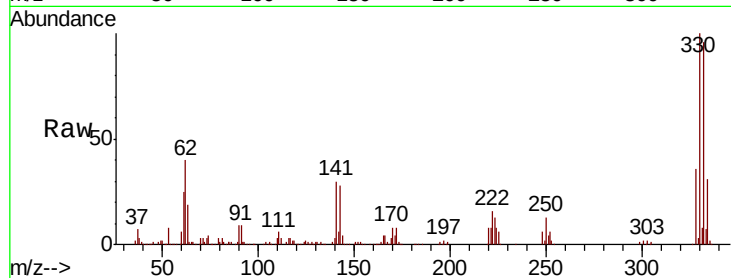




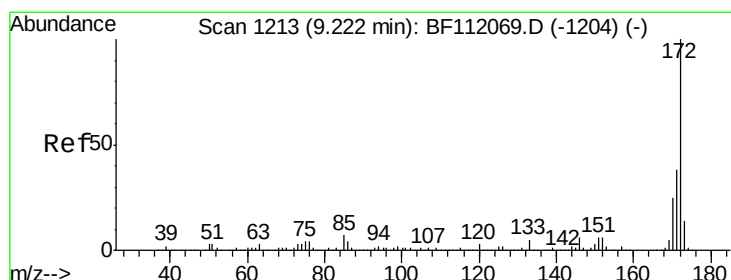
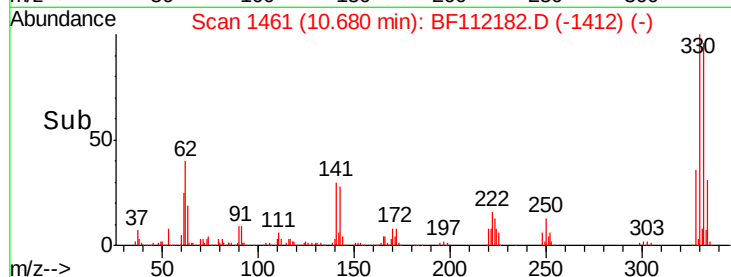
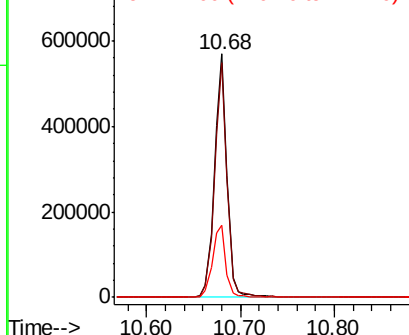
#42
 2,4,6-Tribromophenol
 Concen: 124.031 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112182.D
 Acq: 22 Jan 2019 9:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-011819-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	31.5	24.3	36.5

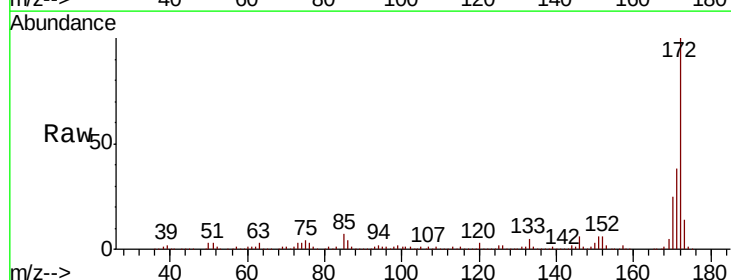


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

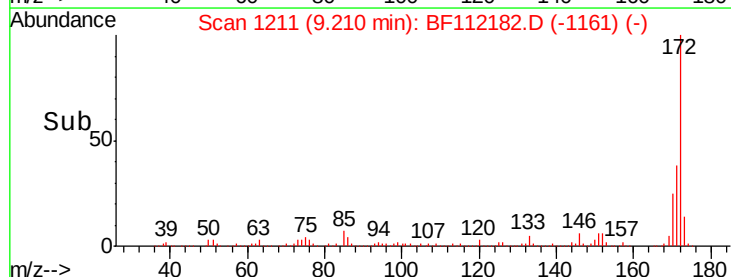
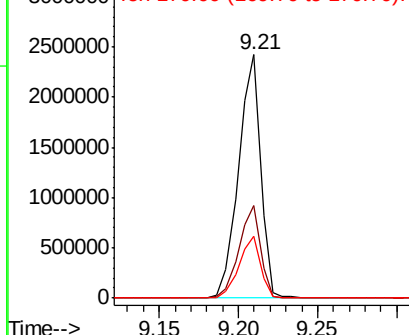


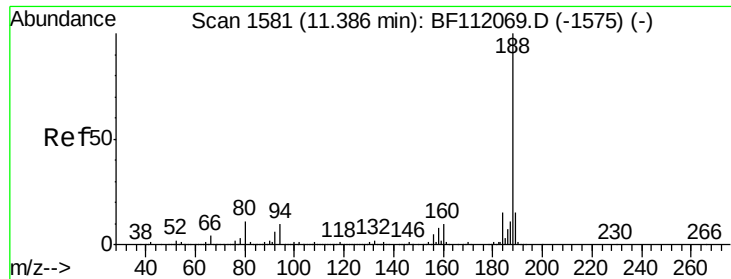
#45
 2-Fluorobiphenyl
 Concen: 84.787 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112182.D
 Acq: 22 Jan 2019 9:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.5	45.7
170	25.2	20.2	30.4



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

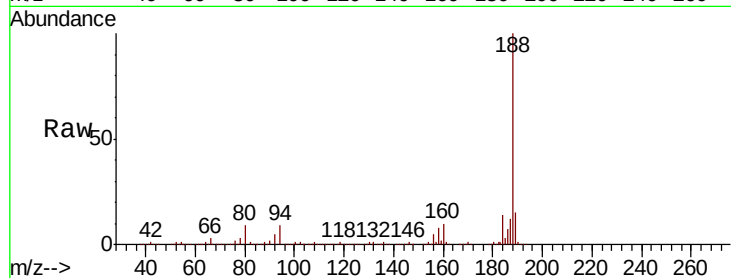




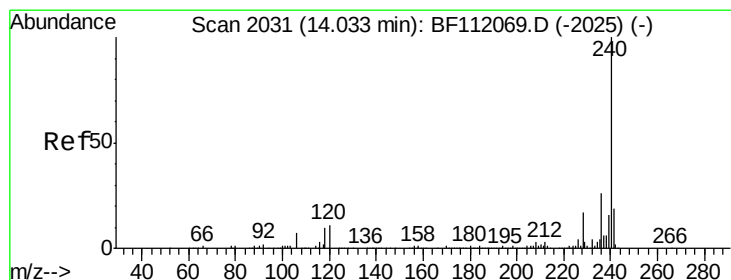
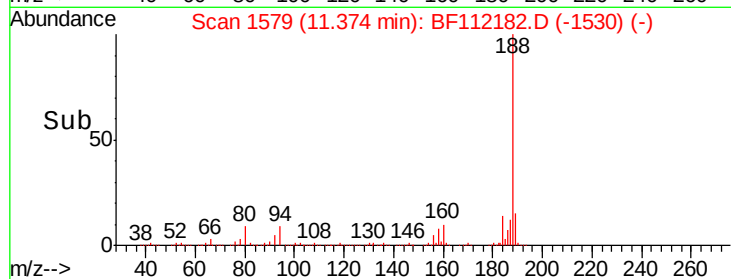
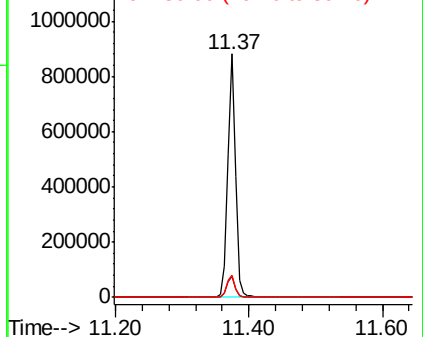
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112182.D
Acq: 22 Jan 2019 9:01

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-C

Tot Ion:188 Resp: 732168
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.3 8.9 13.3

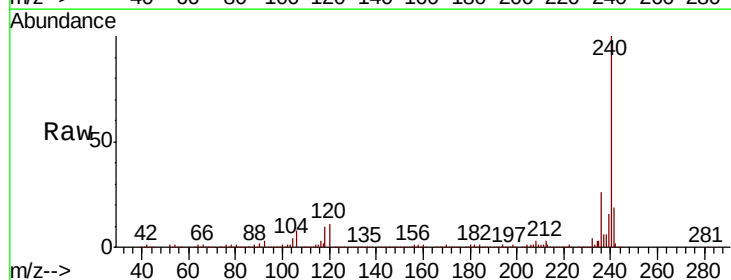


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

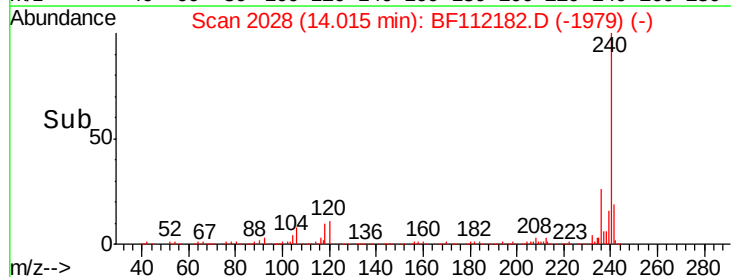
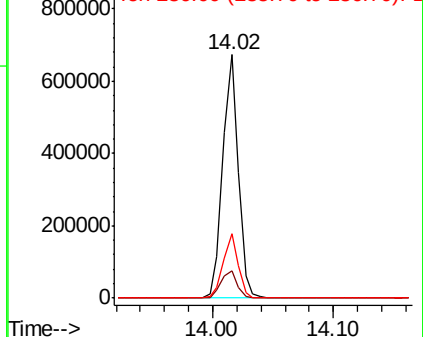


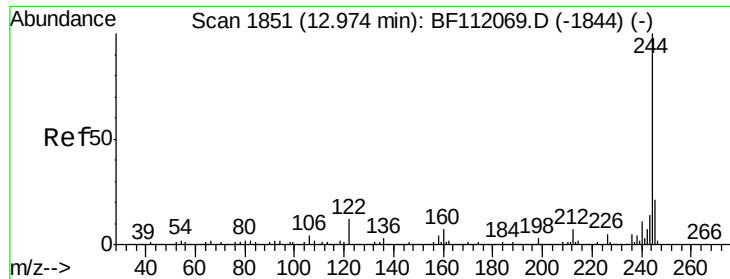
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112182.D
Acq: 22 Jan 2019 9:01

Tgt Ion:240 Resp: 599597
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.6
236 26.2 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

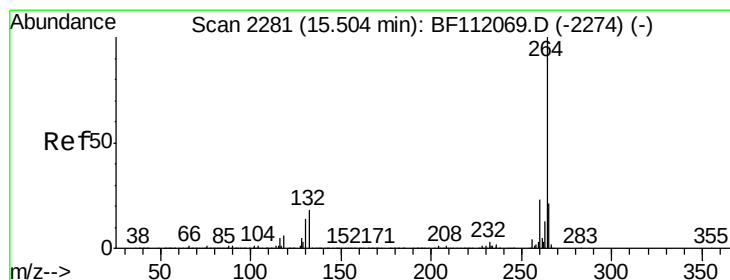
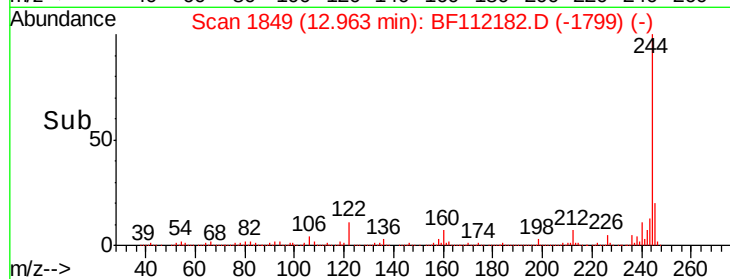
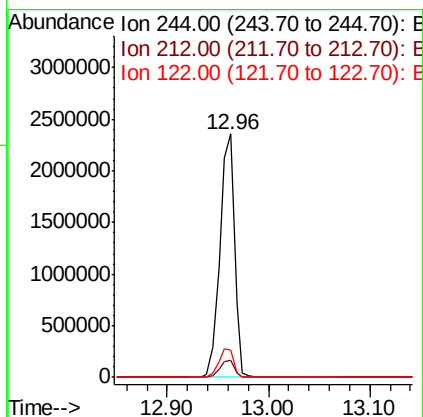
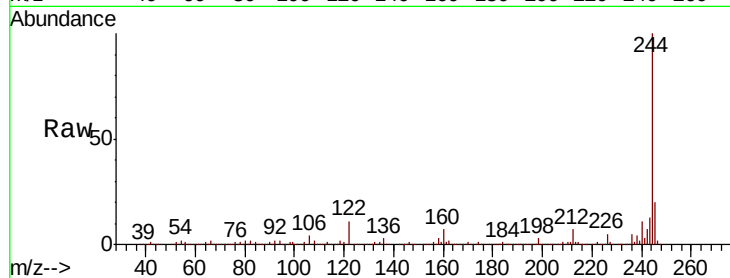




#79
 Terphenyl-d14
 Concen: 83.714 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112182.D
 Acq: 22 Jan 2019 9:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-011819-C

Tot Ion:244 Resp: 2359462
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.1 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF112182.D
 Acq: 22 Jan 2019 9:01

Tgt Ion:264 Resp: 495510
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.2
 265 21.2 17.0 25.4

