

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113105.D
 Acq On : 18 Mar 2019 22:01
 Operator : JU/SJ
 Sample : K1691-17 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031519-E

Quant Time: Mar 19 06:32:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

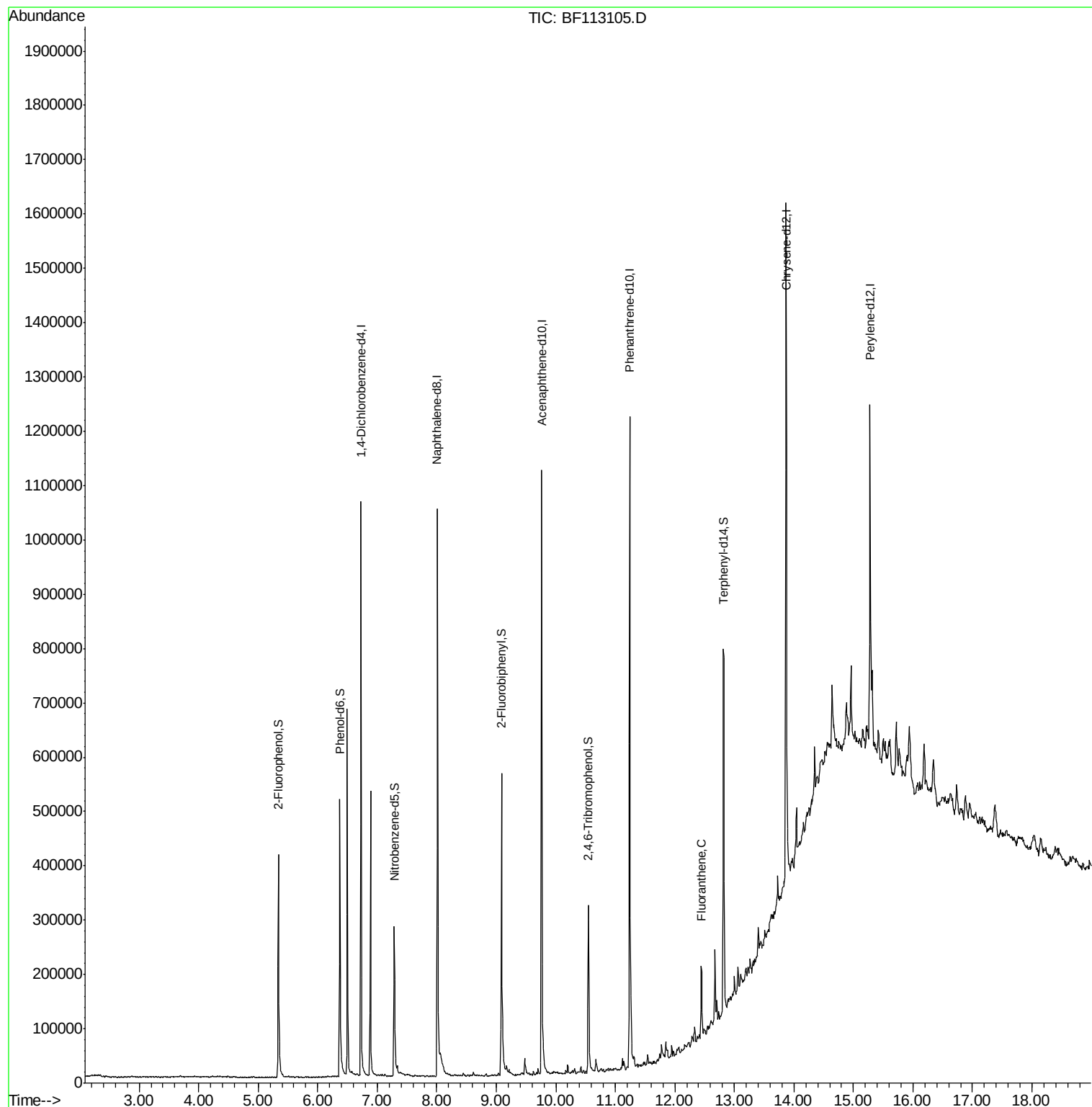
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	160519	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	595255	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	263435	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	498219	20.00	ng	0.00
76) Chrysene-d12	13.87	240	453225	20.00	ng	0.00
87) Perylene-d12	15.28	264	310409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	140546	13.62	ng	0.00
7) Phenol-d6	6.37	99	213036	16.43	ng	0.00
23) Nitrobenzene-d5	7.29	82	113455	11.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	53961	19.29	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	260447	12.23	ng	0.00
79) Terphenyl-d14	12.82	244	267613	11.45	ng	0.00
Target Compounds						
75) Fluoranthene	12.45	202	63749	2.400	ng	Qvalue 98

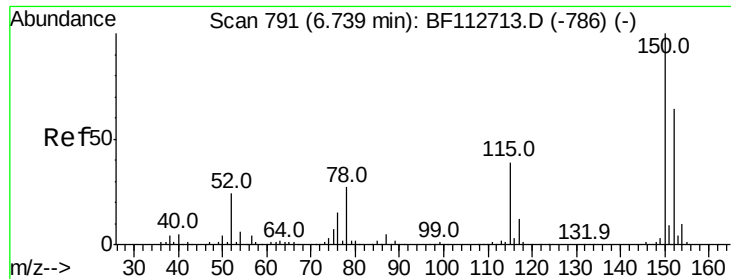
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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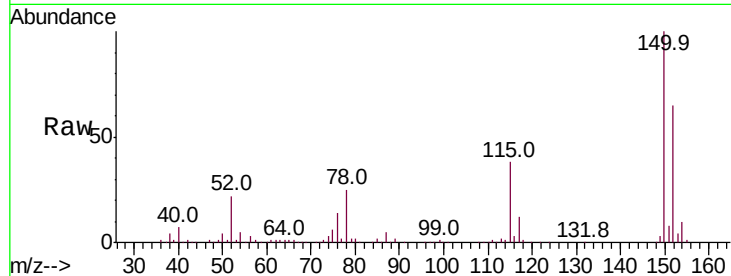


#1

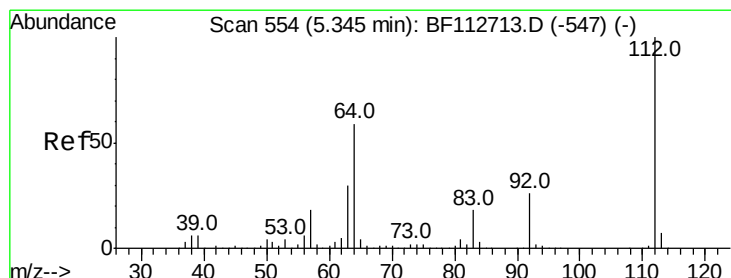
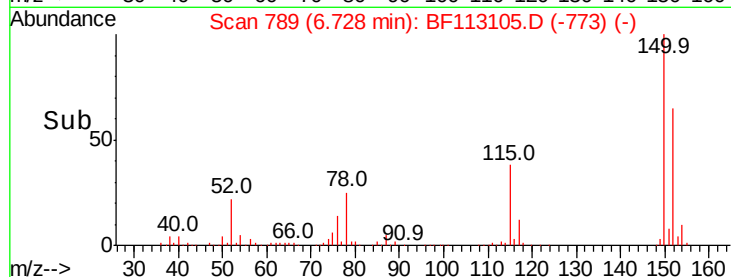
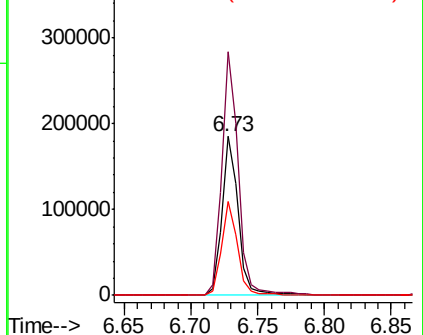
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-E

Tot Ion:152 Resp: 160519
Ion Ratio Lower Upper
152 100
150 153.5 124.2 186.2
115 58.8 48.2 72.4



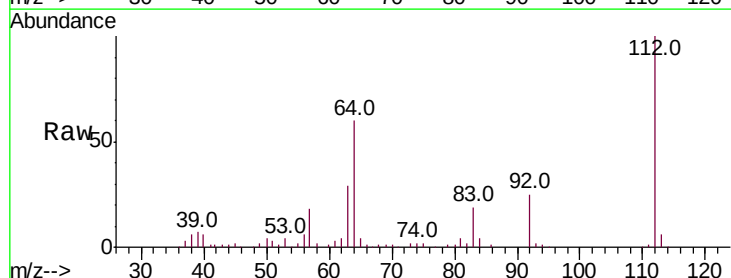
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



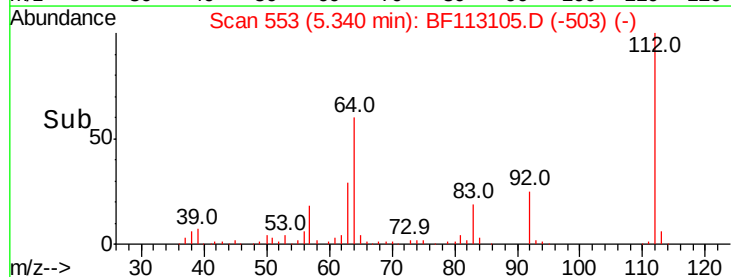
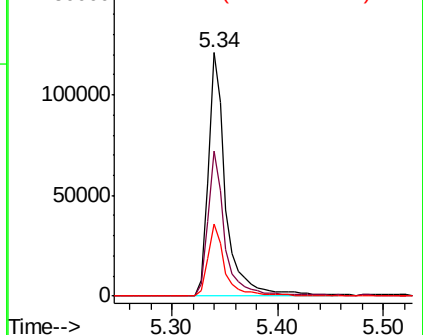
#5

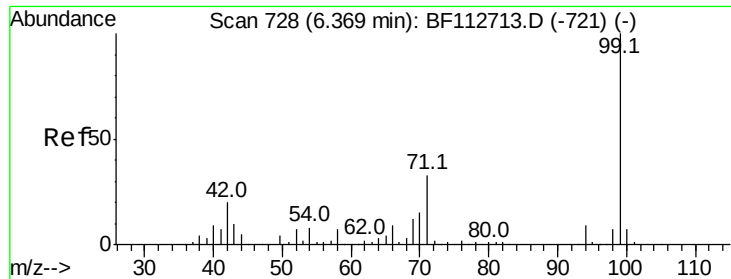
2-Fluorophenol
Concen: 13.620 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Tgt Ion:112 Resp: 140546
Ion Ratio Lower Upper
112 100
64 59.8 47.6 71.4
63 29.4 24.4 36.6



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: 16.435 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113105.D

Acq: 18 Mar 2019 22:01

Instrument :

BNA_F

ClientSampleId :

CL-01-031519-E

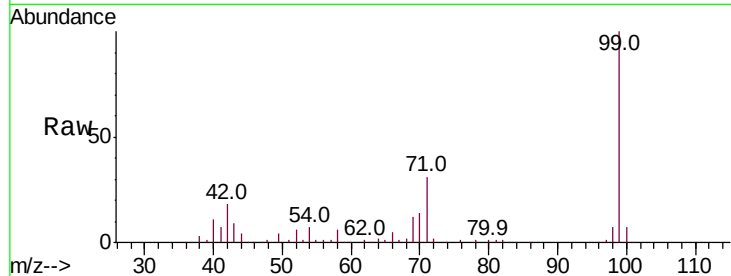
Tot Ion: 99 Resp: 213036

Ion Ratio Lower Upper

99 100

42 18.0 16.3 24.5

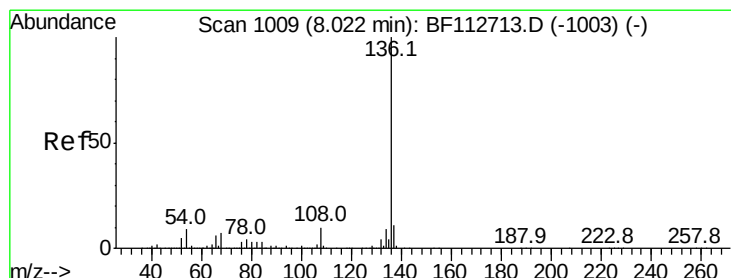
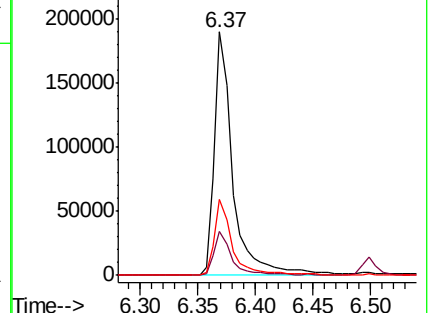
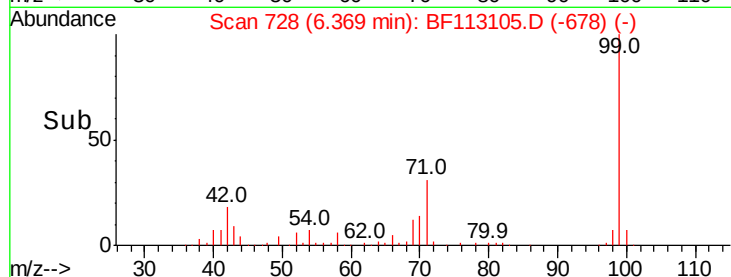
71 31.3 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113105.D

Acq: 18 Mar 2019 22:01

Tgt Ion: 136 Resp: 595255

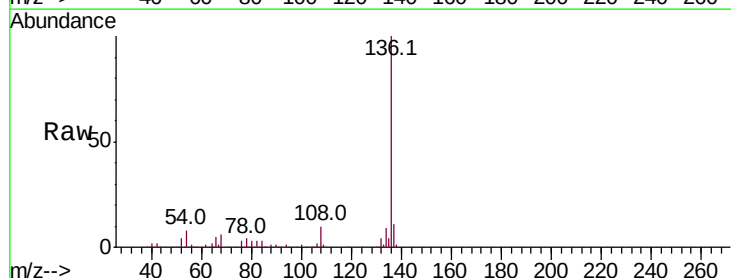
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 7.3 10.9

68 6.1 5.4 8.2

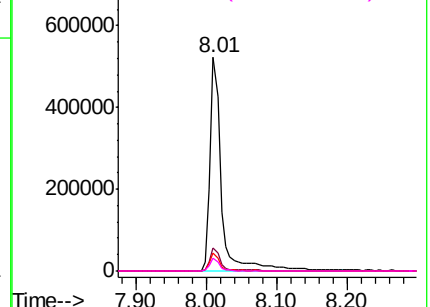
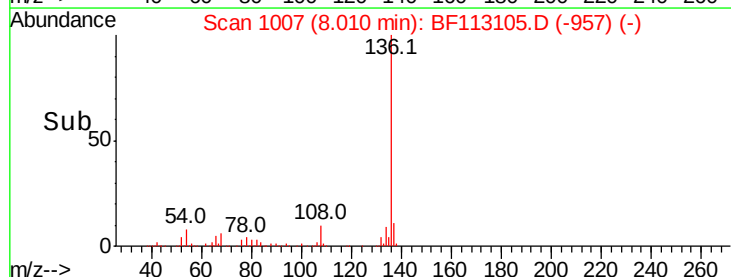


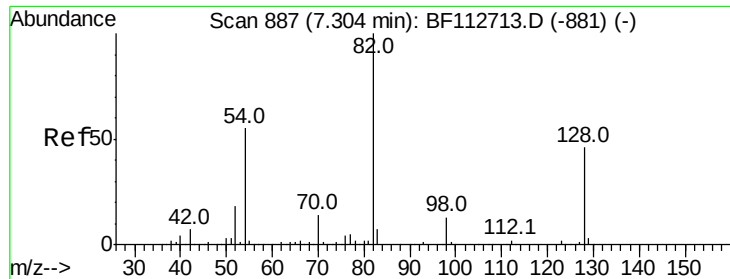
Abundance Ion 136.00 (135.70 to 136.70): E

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

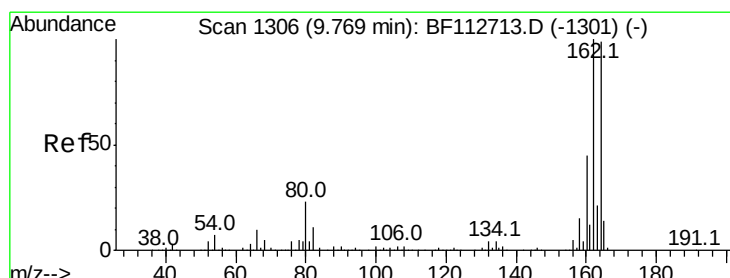
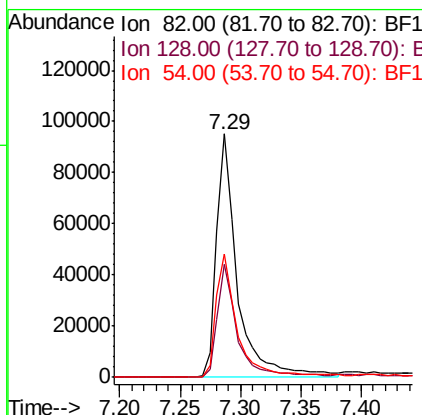
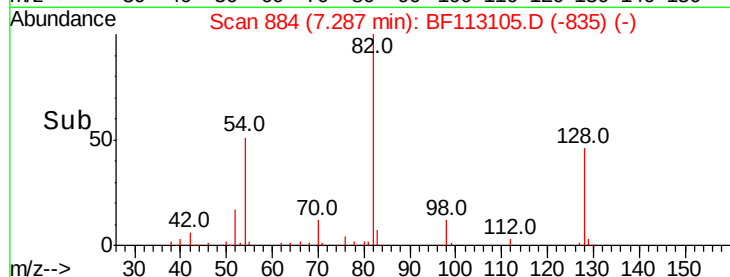
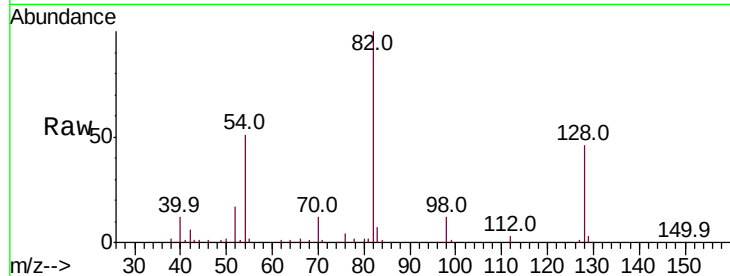




#23
 Nitrobenzene-d5
 Concen: 11.405 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113105.D
 Acq: 18 Mar 2019 22:01

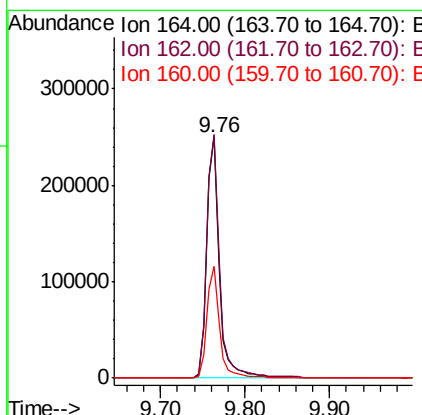
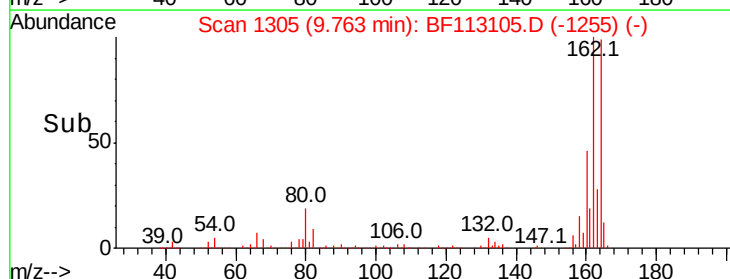
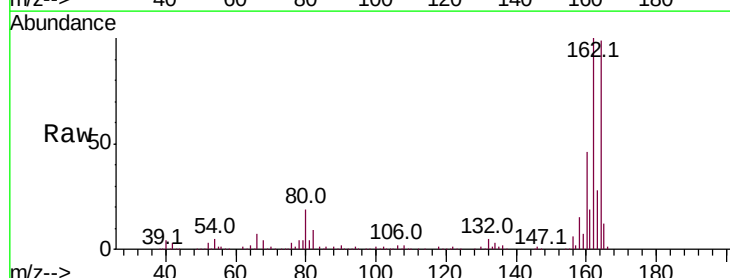
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031519-E

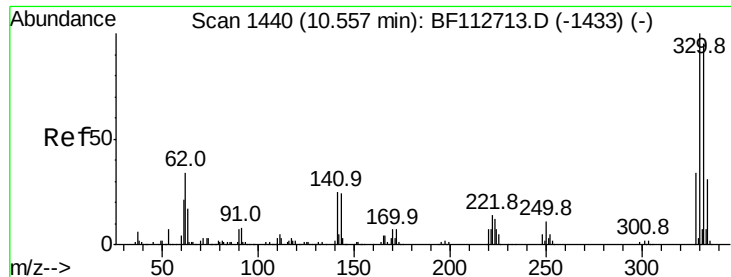
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	50.8	43.7	65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF113105.D
 Acq: 18 Mar 2019 22:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	46.6	36.0	54.0

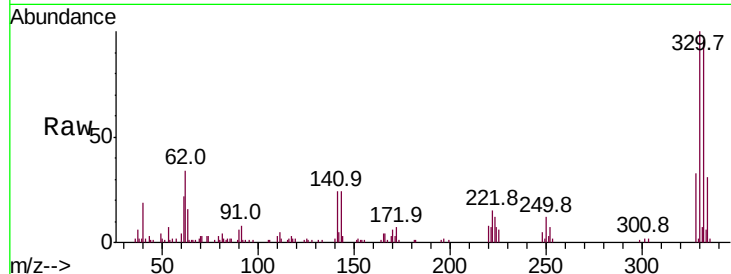




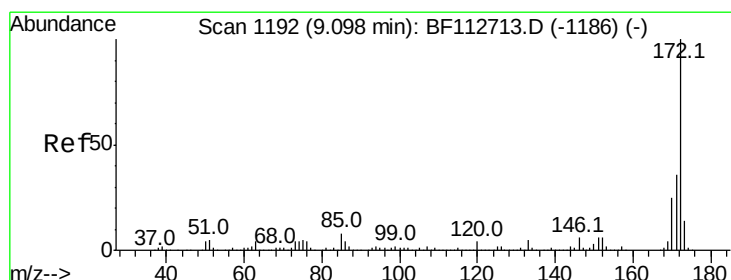
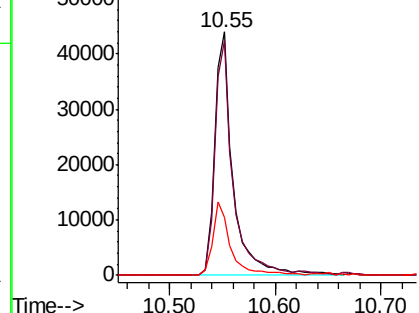
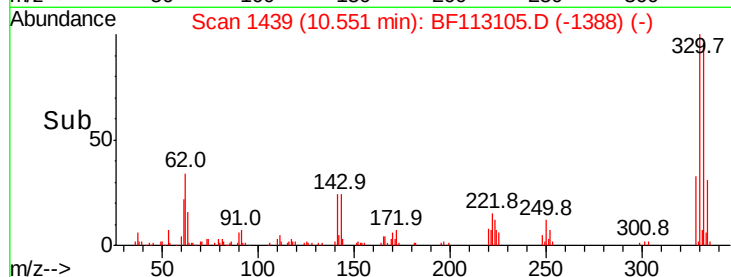
#42
 2,4,6-Tribromophenol
 Concen: 19.295 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF113105.D
 Acq: 18 Mar 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031519-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.2	114.4
141	29.3	27.0	40.6

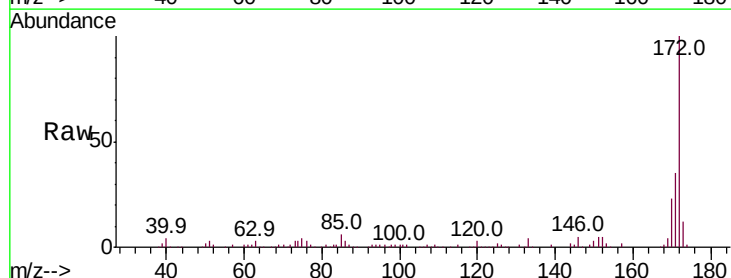


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

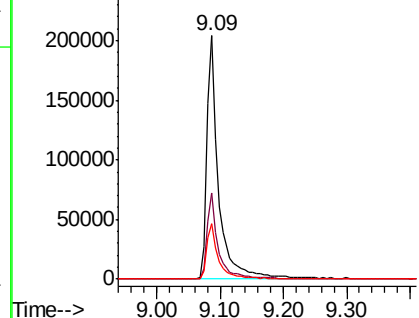
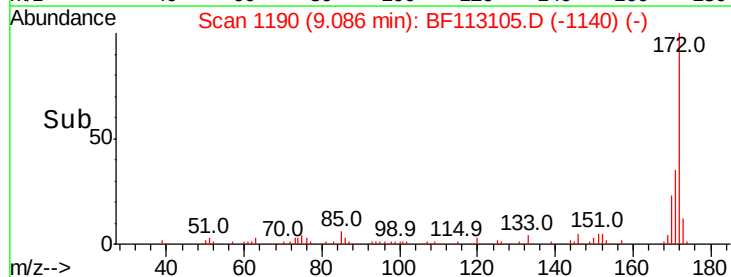


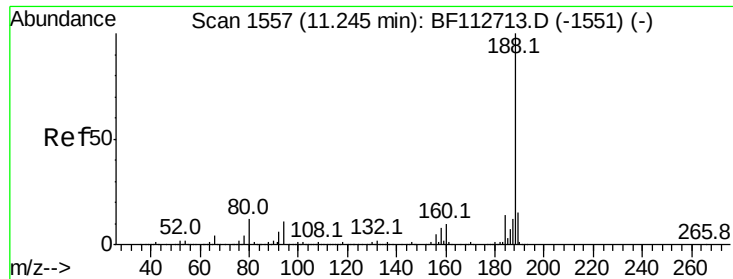
#45
 2-Fluorobiphenyl
 Concen: 12.232 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113105.D
 Acq: 18 Mar 2019 22:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	22.8	20.0	30.0



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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113105.D

Acq: 18 Mar 2019 22:01

Instrument :

BNA_F

ClientSampleId :

CL-01-031519-E

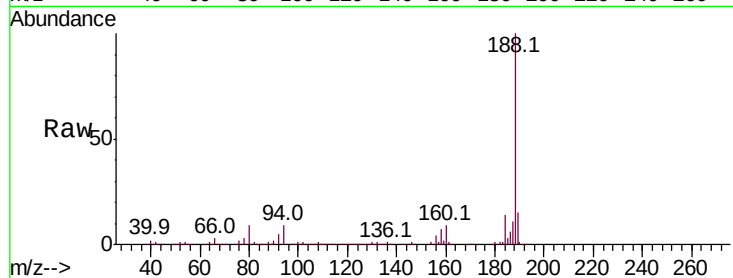
Tot Ion:188 Resp: 498219

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

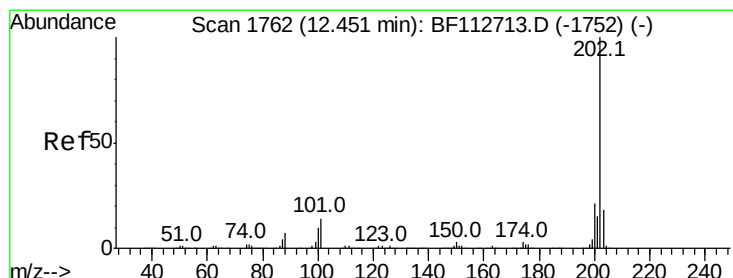
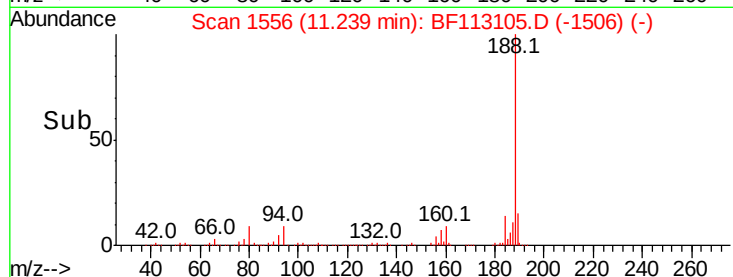
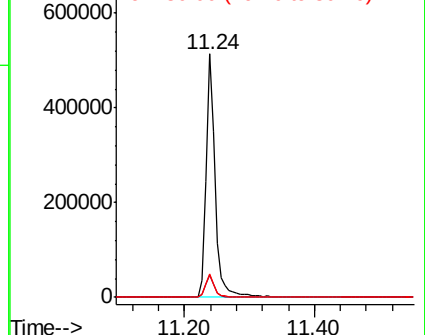
80 9.5 9.2 13.8



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

Fluoranthene

Concen: 2.400 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113105.D

Acq: 18 Mar 2019 22:01

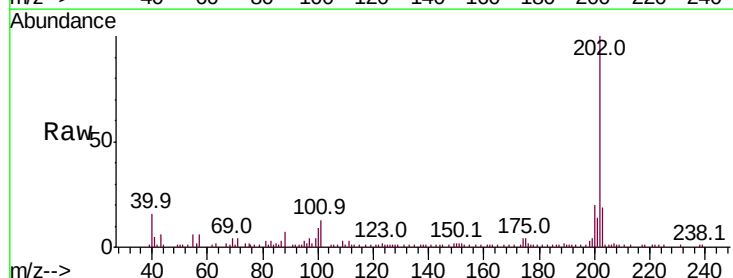
Tgt Ion:202 Resp: 63749

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.8

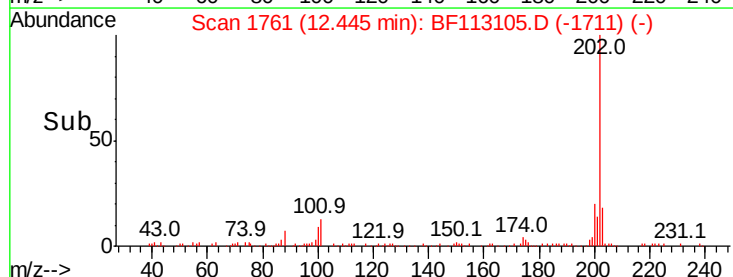
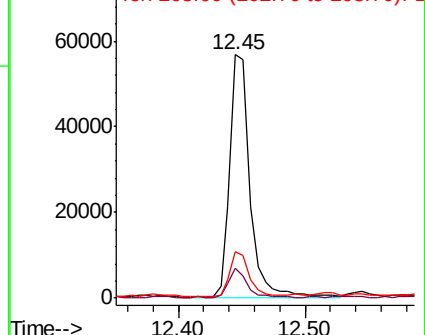
203 19.1 0.0 38.4

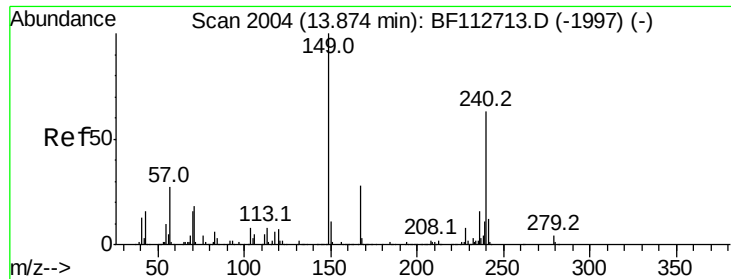


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113105.D

Acq: 18 Mar 2019 22:01

Instrument :

BNA_F

ClientSampleId :

CL-01-031519-E

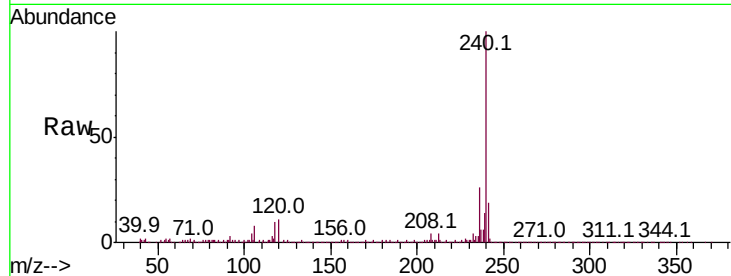
Tot Ion:240 Resp: 453225

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

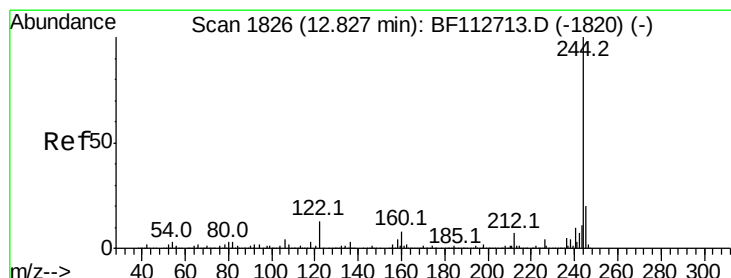
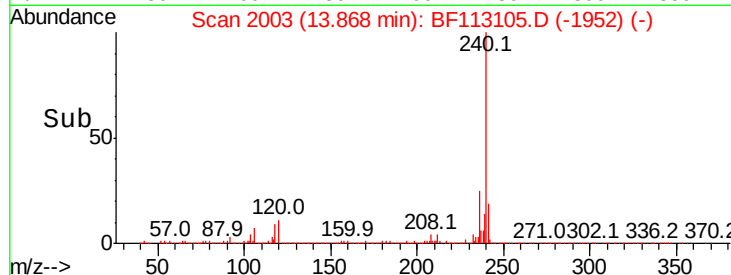
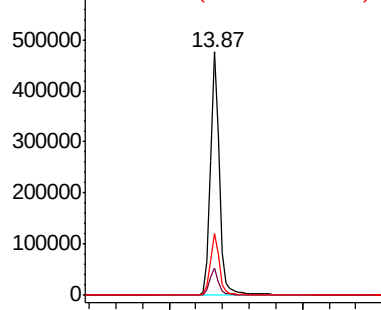
236 25.6 20.7 31.1



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



#79

Terphenyl-d14

Concen: 11.446 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113105.D

Acq: 18 Mar 2019 22:01

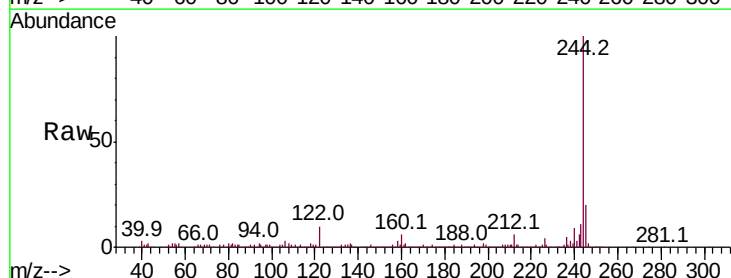
Tgt Ion:244 Resp: 267613

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

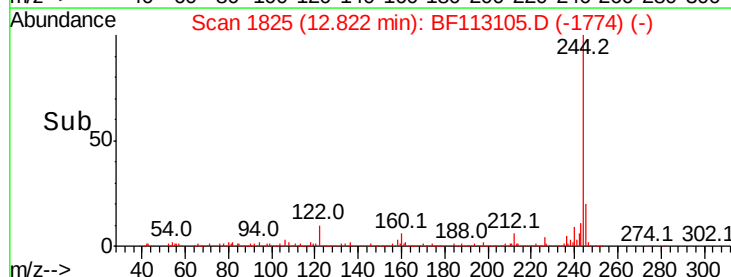
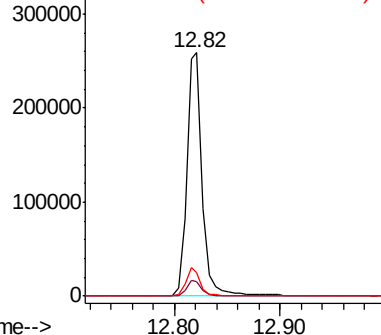
122 9.6 10.5 15.7#

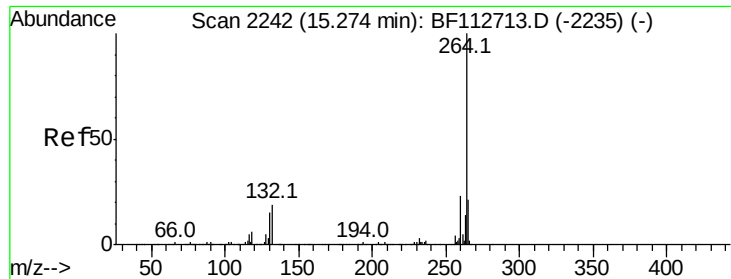


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

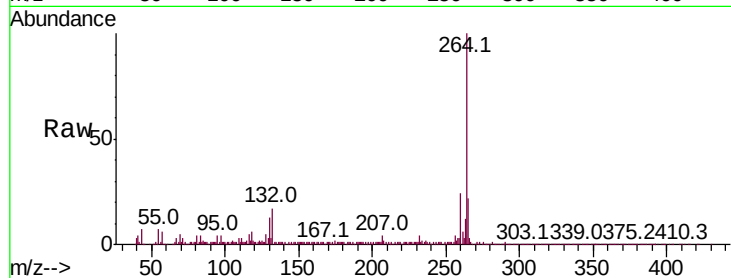




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-E

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.1	17.2	25.8



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

