

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112183.D
 Acq On : 22 Jan 2019 9:28
 Operator : JU/SJ
 Sample : K1009-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 22 10:10:10 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	247639	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	884084	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	375646	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	653804	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	562873	20.00	ng	-0.01
87) Perylene-d12	15.49	264	436556	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1442817	105.75	ng	0.00
7) Phenol-d6	6.50	99	1548372	90.71	ng	0.00
23) Nitrobenzene-d5	7.42	82	1269484	99.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	506610	125.01	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2322797	90.66	ng	0.00
79) Terphenyl-d14	12.96	244	2344425	88.61	ng	-0.01

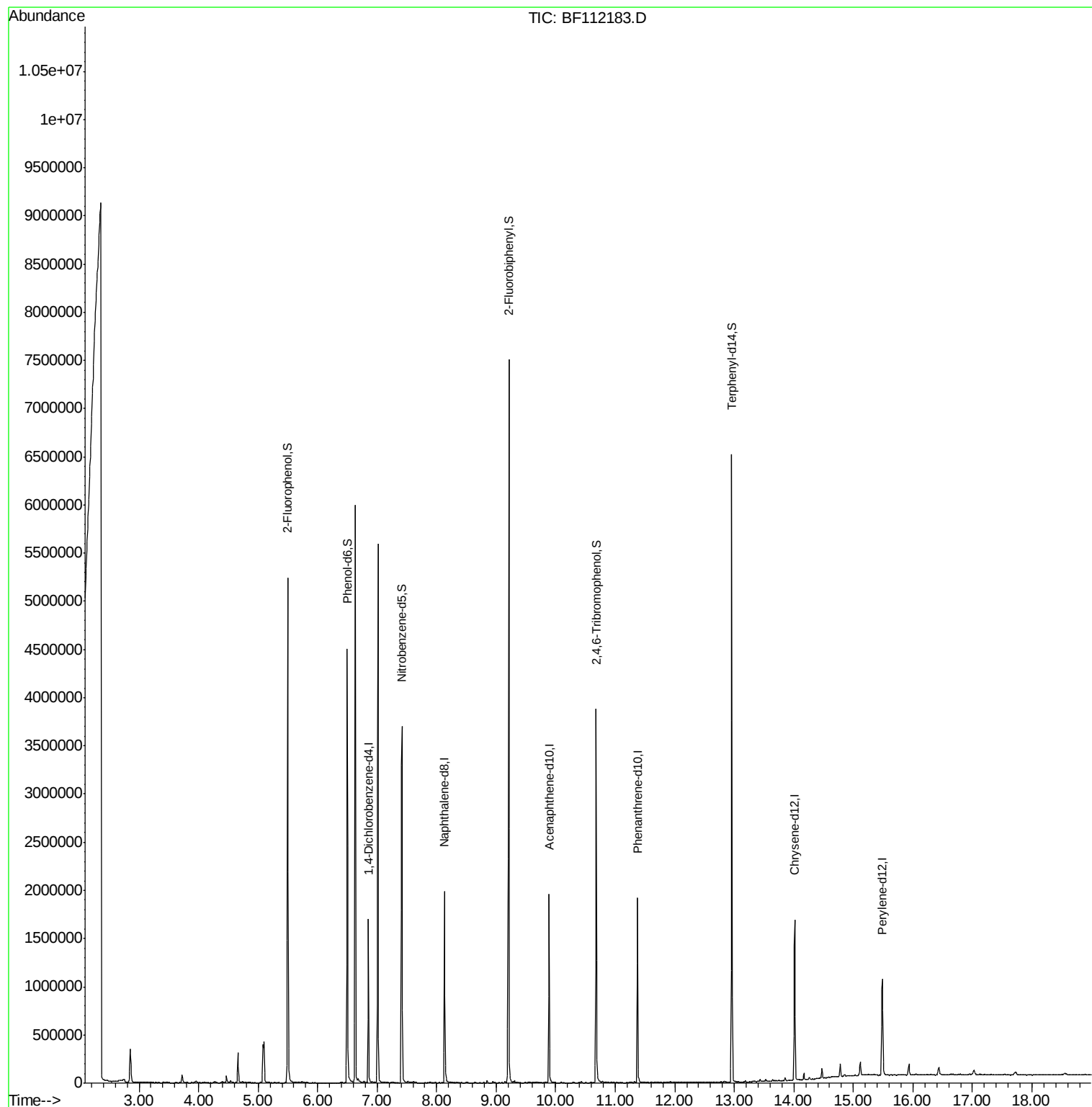
Target Compounds Qvalue

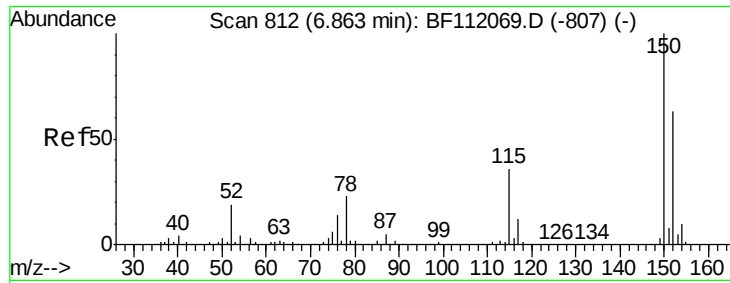
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF112183.D

Acq: 22 Jan 2019 9:28

Instrument :

BNA_F

ClientSampleId :

CL-01-011819-D

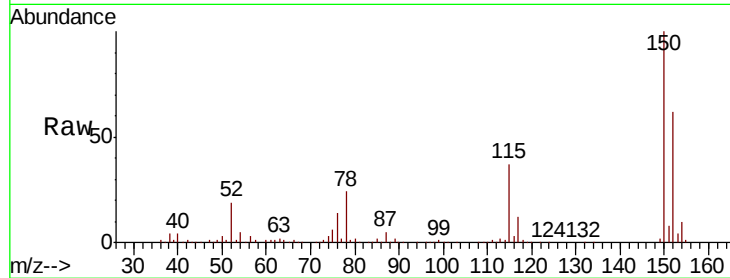
Tot Ion:152 Resp: 247639

Ion Ratio Lower Upper

152 100

150 161.3 127.4 191.0

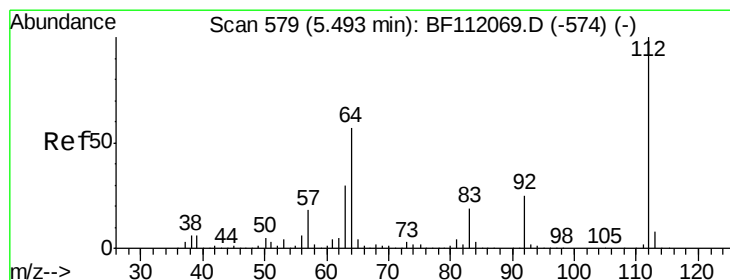
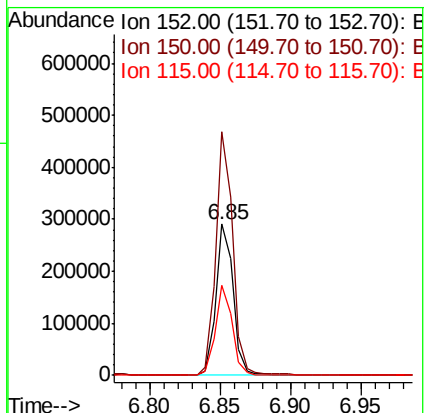
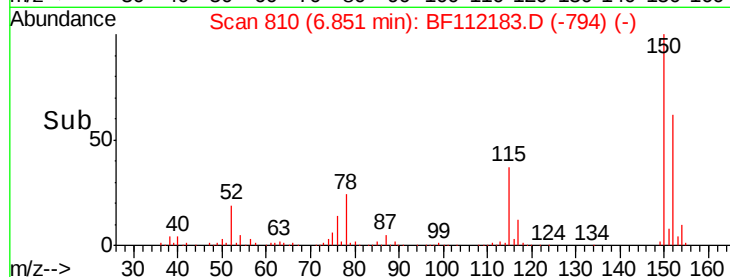
115 59.5 45.5 68.3



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: 105.749 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF112183.D

Acq: 22 Jan 2019 9:28

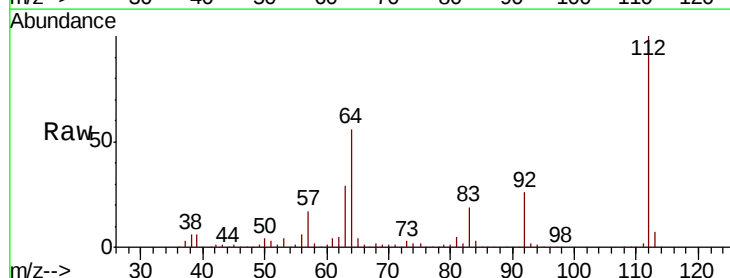
Tgt Ion:112 Resp: 1442817

Ion Ratio Lower Upper

112 100

64 56.0 45.7 68.5

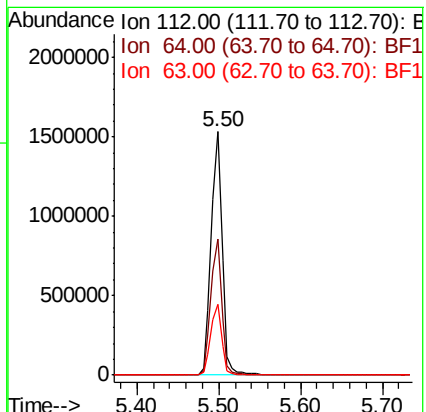
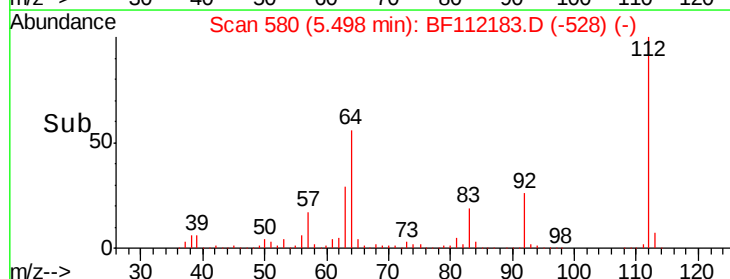
63 29.1 23.6 35.4

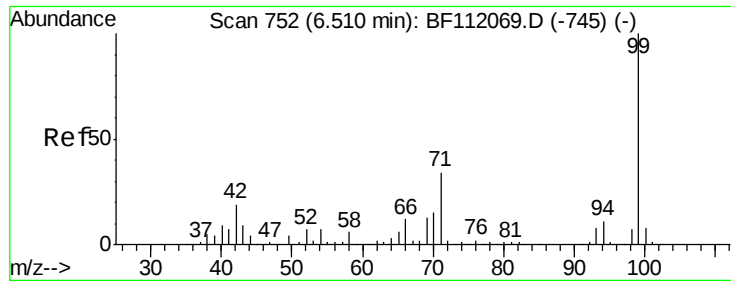


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.705 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112183.D

Acq: 22 Jan 2019 9:28

Instrument :

BNA_F

ClientSampleId :

CL-01-011819-D

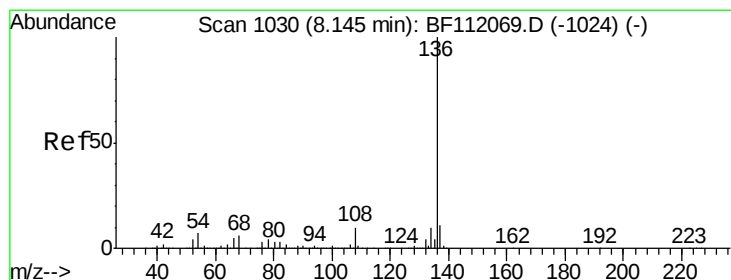
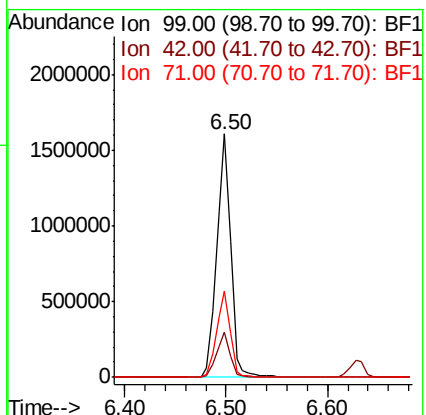
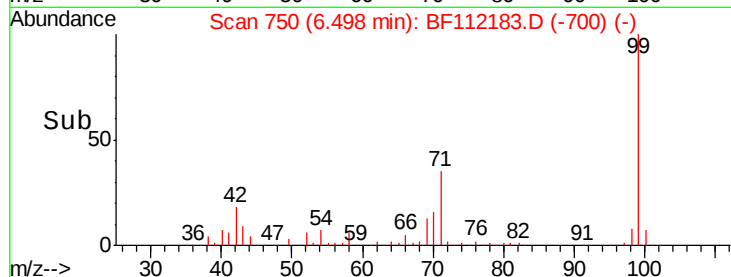
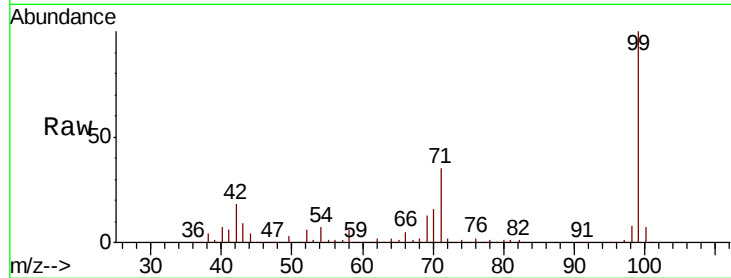
Tot Ion: 99 Resp: 1548372

Ion Ratio Lower Upper

99 100

42 18.4 15.1 22.7

71 35.4 26.9 40.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112183.D

Acq: 22 Jan 2019 9:28

Tgt Ion: 136 Resp: 884084

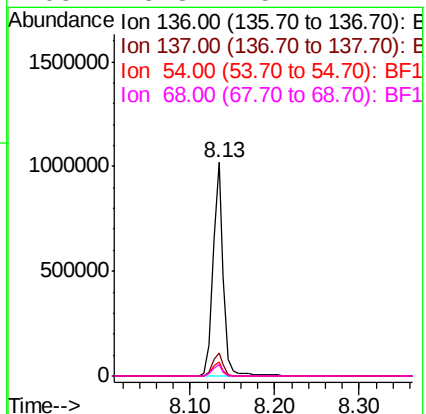
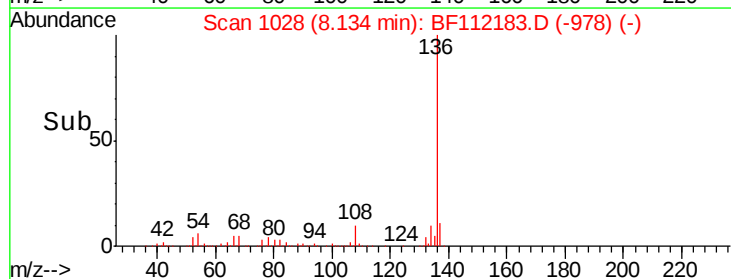
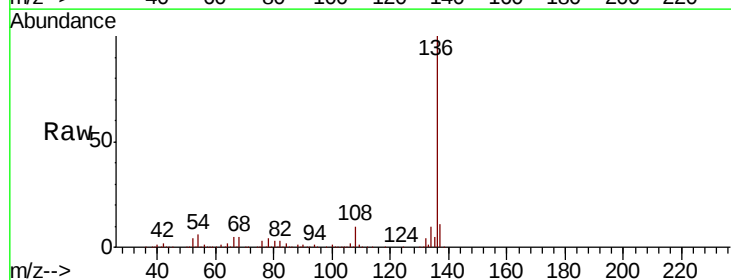
Ion Ratio Lower Upper

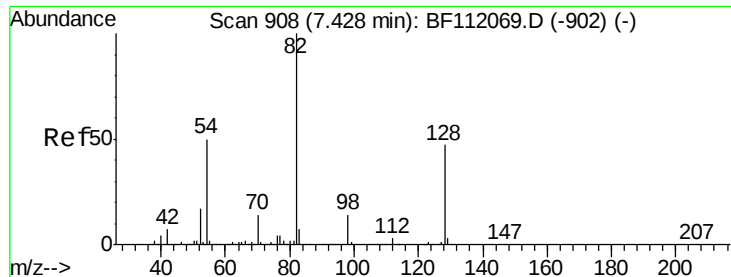
136 100

137 10.7 9.1 13.7

54 6.4 5.9 8.9

68 5.3 5.1 7.7



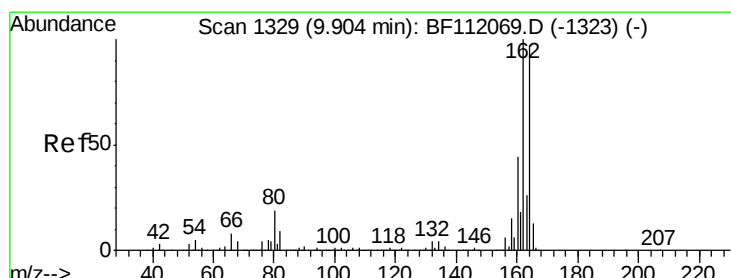
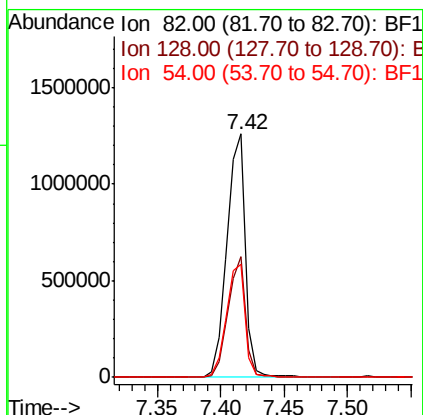
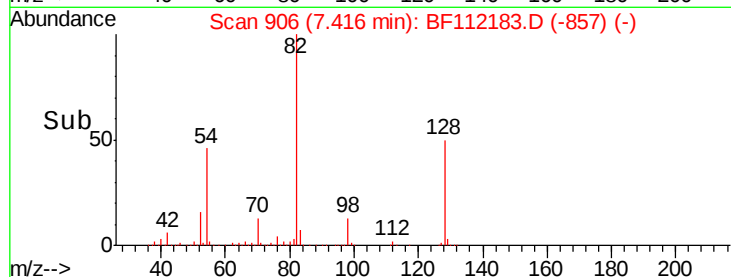
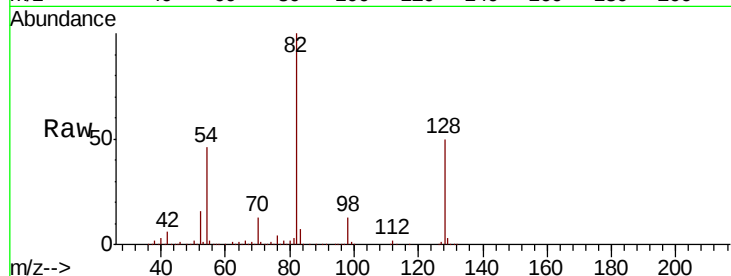


#23
 Nitrobenzene-d5
 Concen: 99.207 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112183.D
 Acq: 22 Jan 2019 9:28

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

Tot Ion: 82 Resp: 1269484

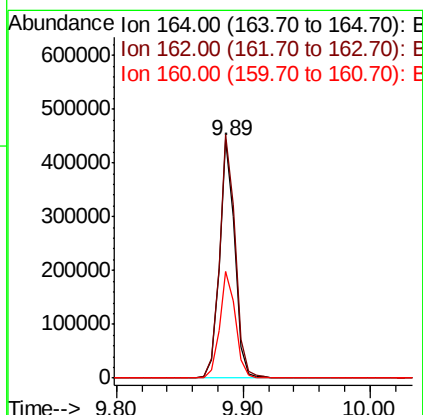
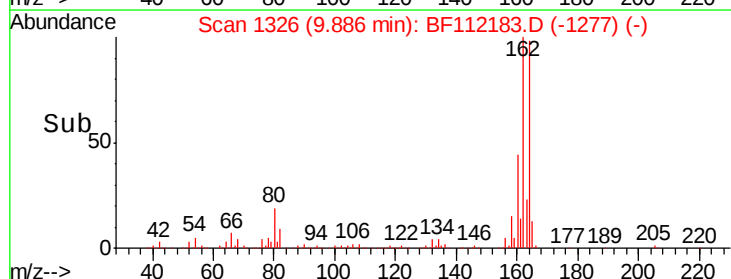
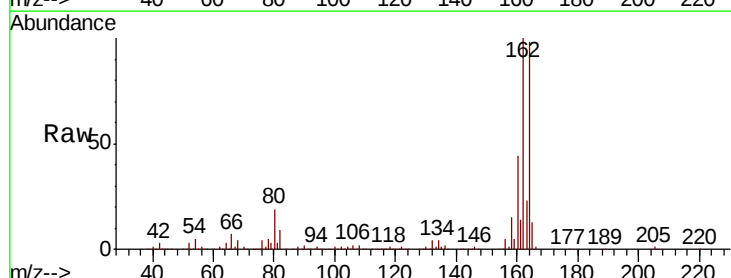
Ion	Ratio	Lower	Upper
82	100		
128	49.5	37.8	56.8
54	46.4	39.7	59.5

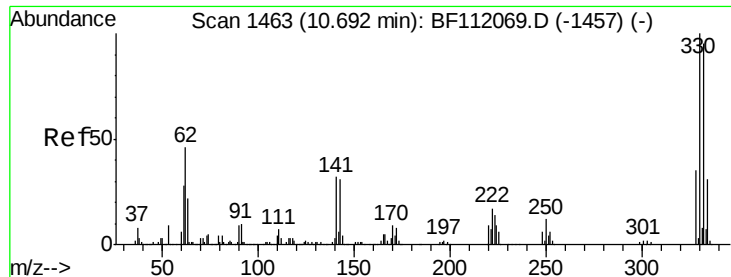


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF112183.D
 Acq: 22 Jan 2019 9:28

Tgt Ion:164 Resp: 375646

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.4
160	44.9	36.2	54.4

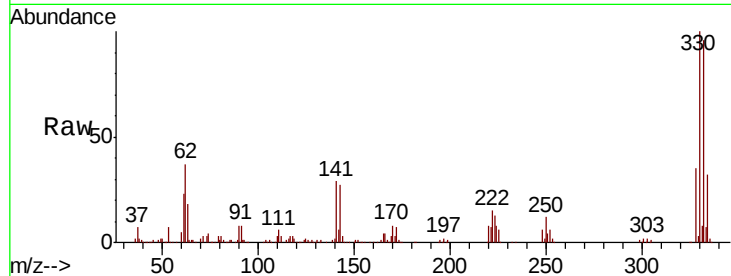




#42
 2,4,6-Tribromophenol
 Concen: 125.015 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112183.D
 Acq: 22 Jan 2019 9:28

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	30.7	24.3	36.5

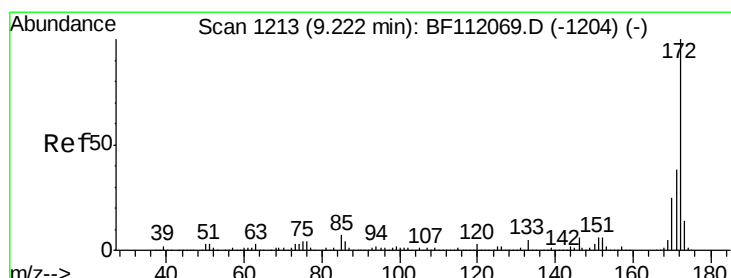
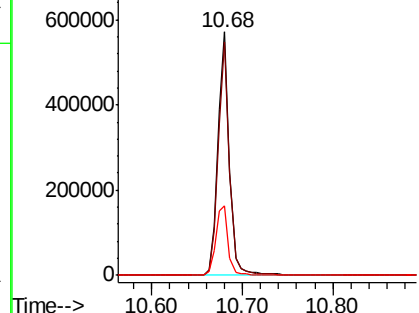
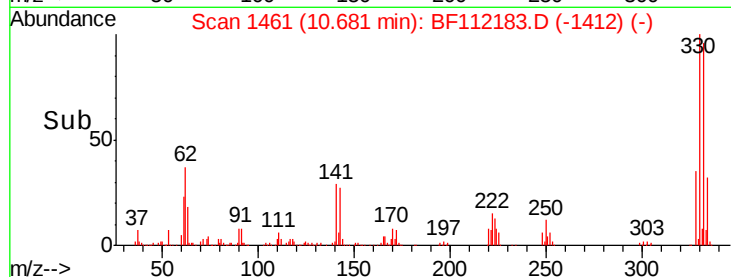


Abundance

Ion 329.80 (329.50 to 330.50): E

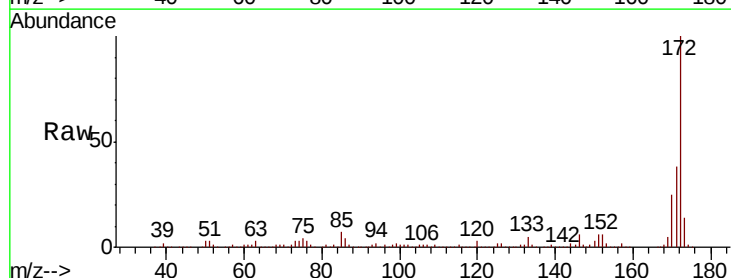
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.657 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112183.D
 Acq: 22 Jan 2019 9:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.5	45.7
170	25.3	20.2	30.4

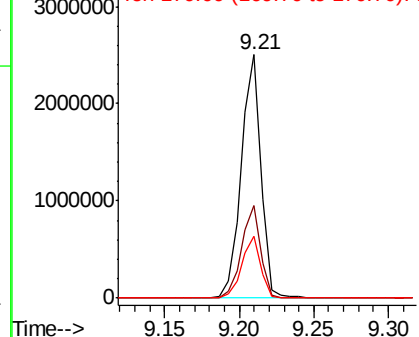
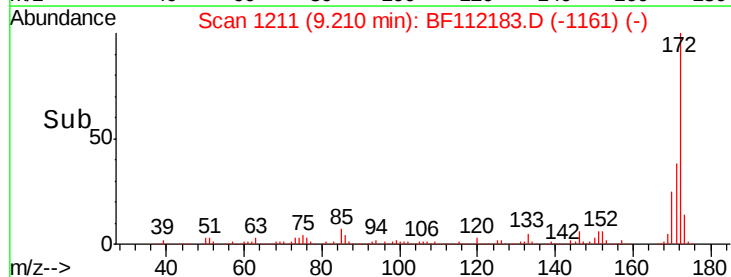


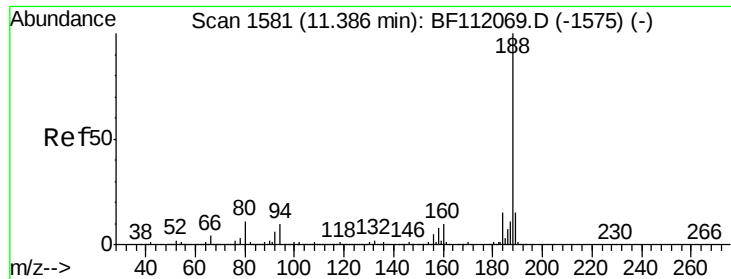
Abundance

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

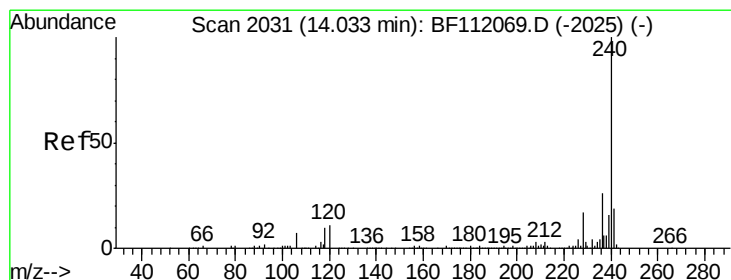
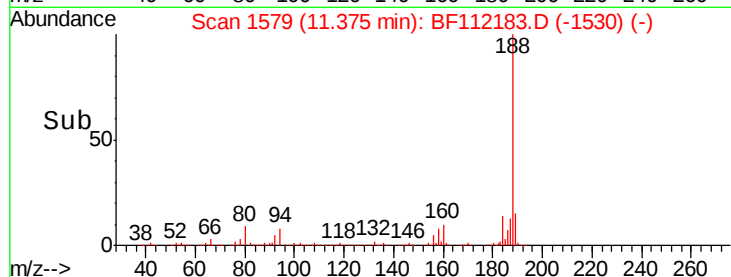
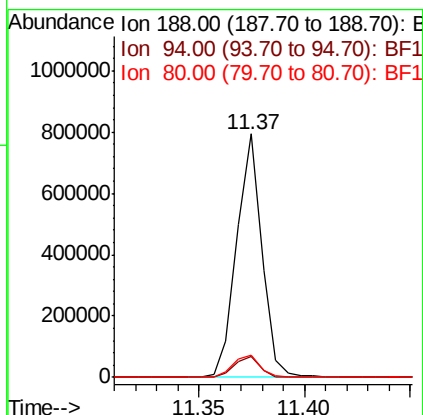
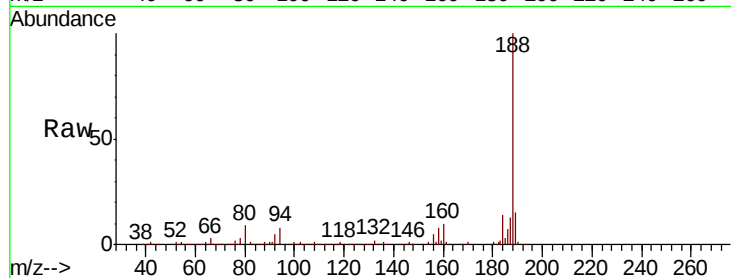




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112183.D
Acq: 22 Jan 2019 9:28

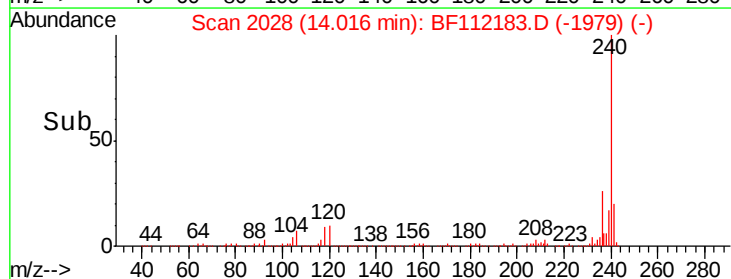
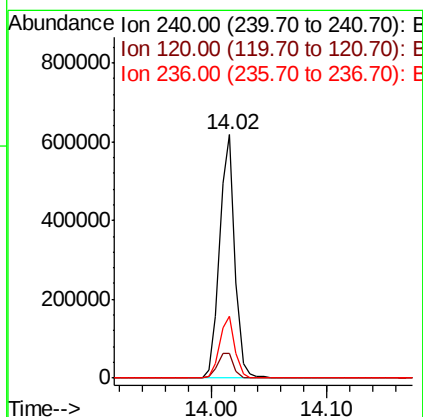
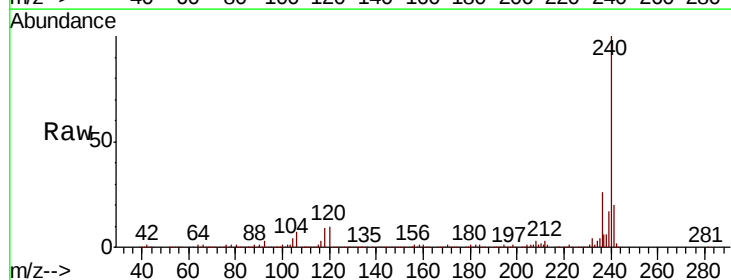
Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

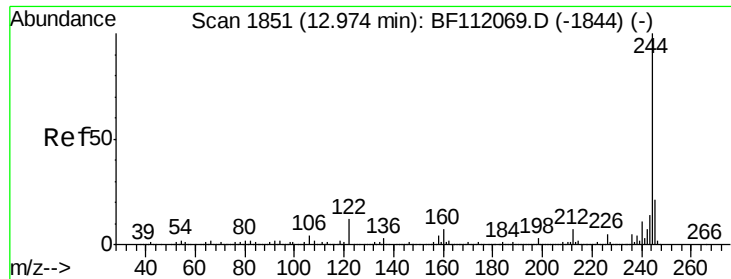
Tot Ion:188 Resp: 653804
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112183.D
Acq: 22 Jan 2019 9:28

Tgt Ion:240 Resp: 562873
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.6
236 25.5 20.7 31.1

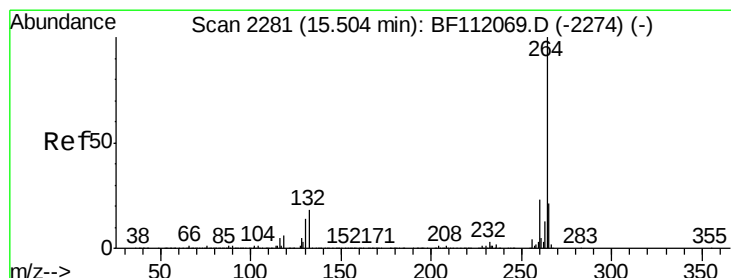
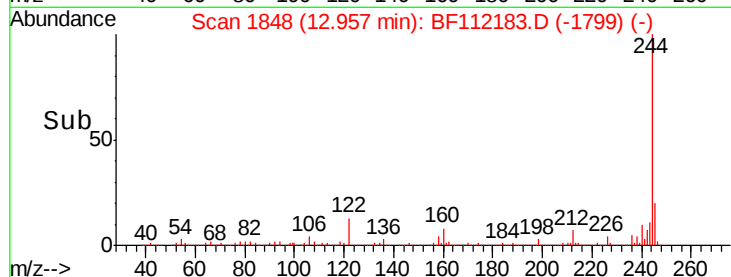
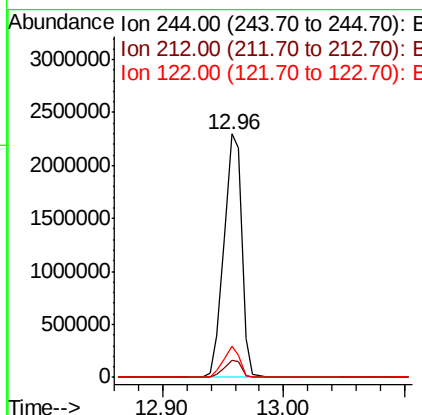
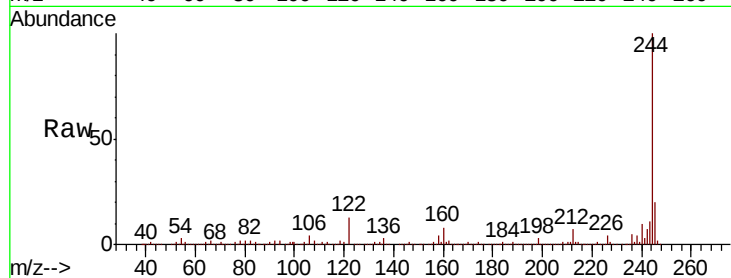




#79
Terphenyl-d14
Concen: 88.607 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF112183.D
Acq: 22 Jan 2019 9:28

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

Tot Ion:244 Resp: 2344425
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.7 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: BF112183.D
Acq: 22 Jan 2019 9:28

Tgt Ion:264 Resp: 436556
Ion Ratio Lower Upper
264 100
260 22.1 18.2 27.2
265 21.2 17.0 25.4

