

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110422.D
 Acq On : 2 Nov 2018 20:01
 Operator : JU/SJ
 Sample : J5767-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110118-A

Quant Time: Nov 03 00:30:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

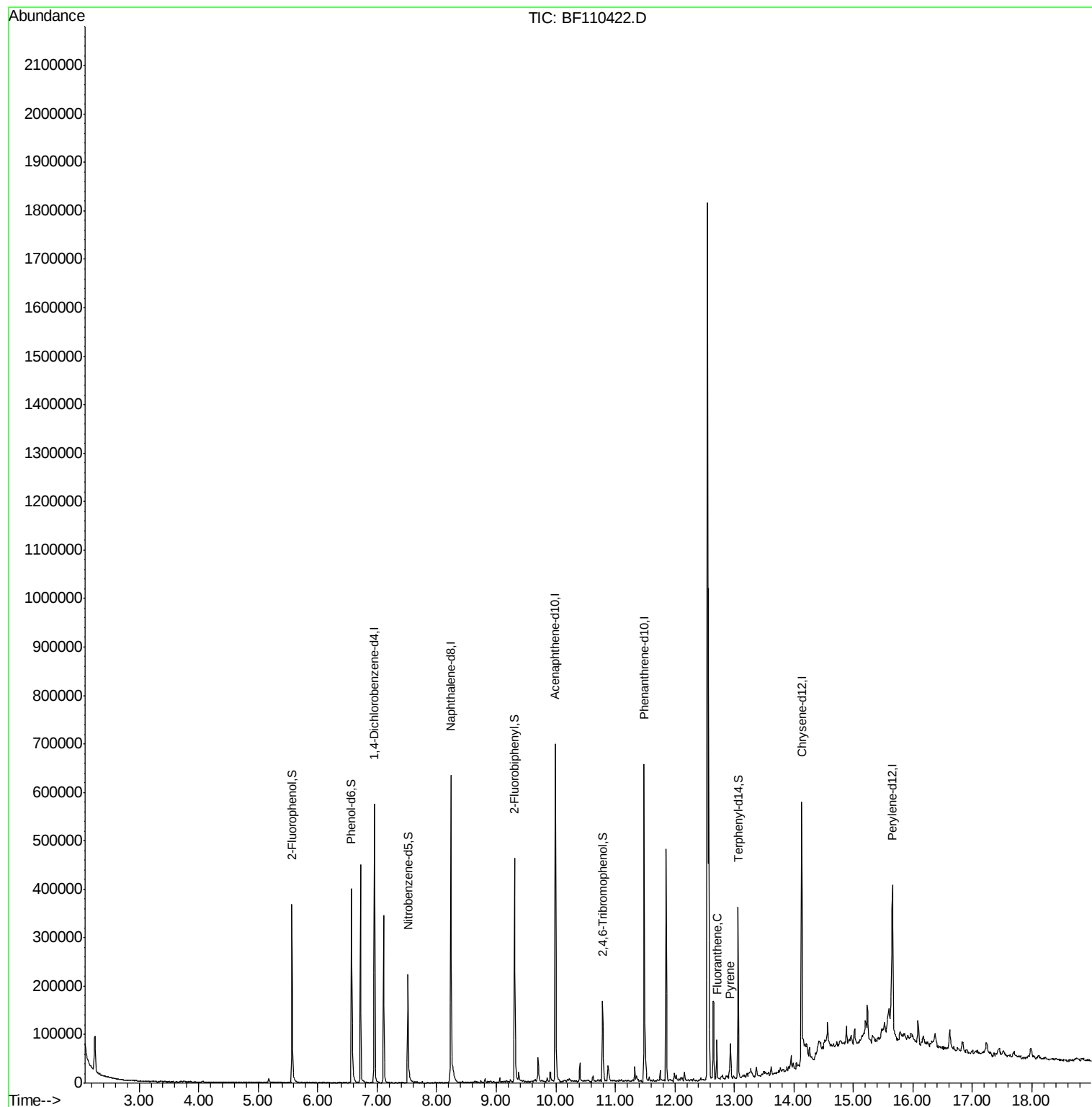
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	90905	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	370555	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	156020	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	241229	20.00	ng	0.00
76) Chrysene-d12	14.13	240	179603	20.00	ng	0.00
87) Perylene-d12	15.66	264	144365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	111533	19.98	ng	0.00
7) Phenol-d6	6.57	99	144894	20.29	ng	-0.01
23) Nitrobenzene-d5	7.52	82	87155	13.95	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	21288	13.77	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	172582	17.37	ng	0.00
79) Terphenyl-d14	13.06	244	117418	13.60	ng	-0.01
Target Compounds						
75) Fluoranthene	12.70	202	31080	2.426	ng	98
78) Pyrene	12.93	202	28217	2.191	ng	100

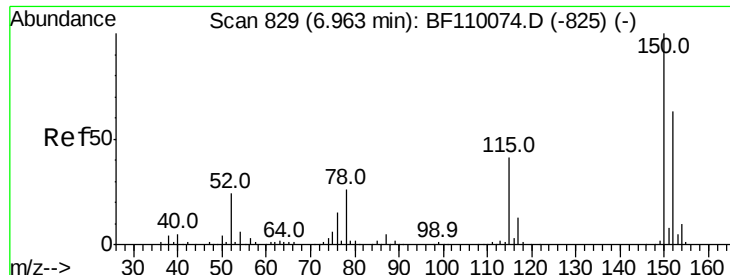
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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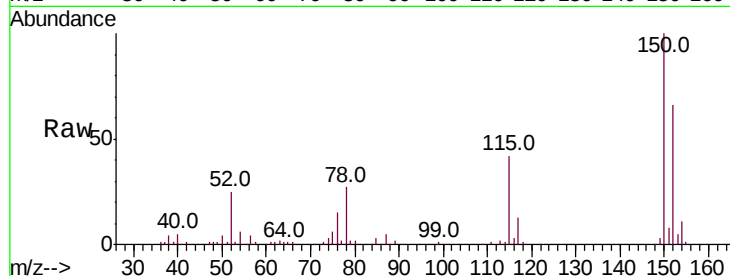


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110422.D
Acq: 2 Nov 2018 20:01

Instrument :
BNA_F
ClientSampleId :
CL-02-110118-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.7	184.1
115	64.4	49.1	73.7

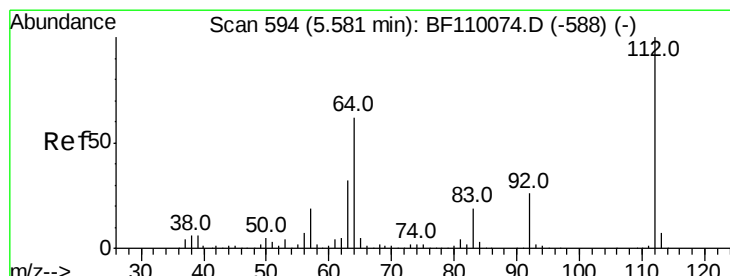
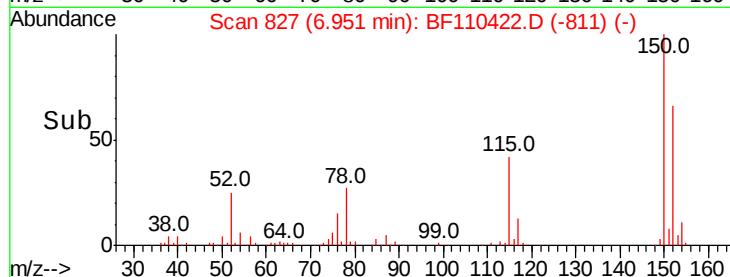
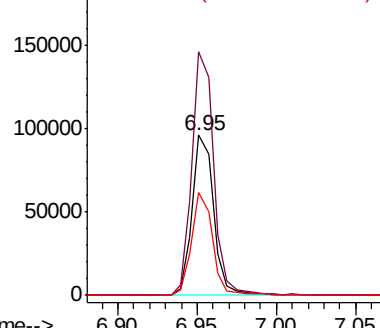


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

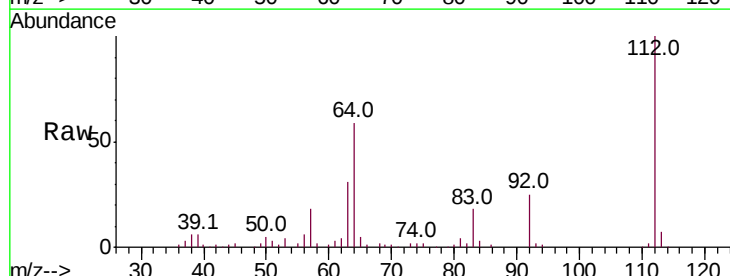
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.980 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110422.D
Acq: 2 Nov 2018 20:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.1	66.1
63	31.2	23.7	35.5

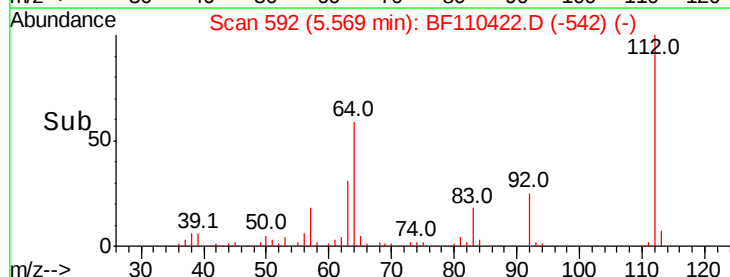
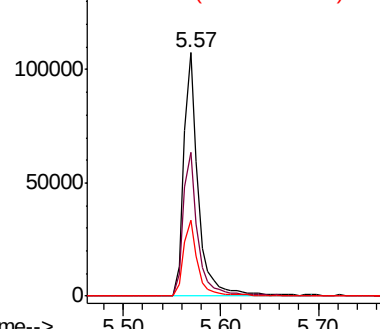


Abundance

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: 20.293 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110422.D

Acq: 2 Nov 2018 20:01

Instrument :

BNA_F

ClientSampleId :

CL-02-110118-A

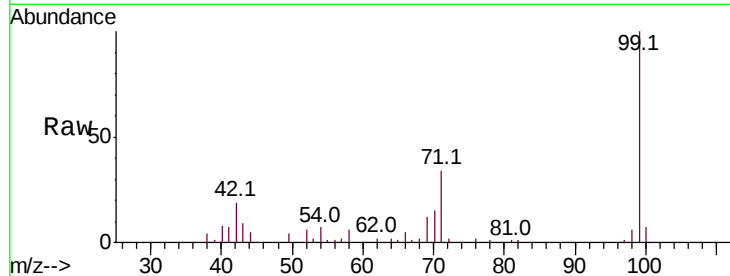
Tot Ion: 99 Resp: 144894

Ion Ratio Lower Upper

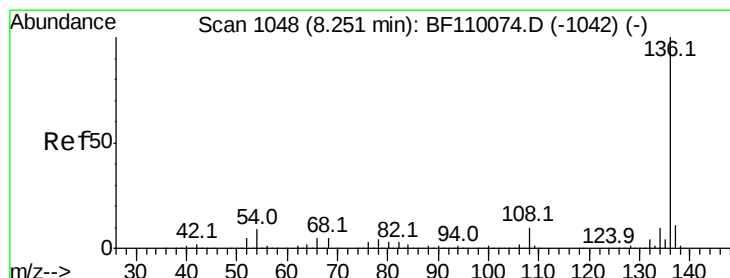
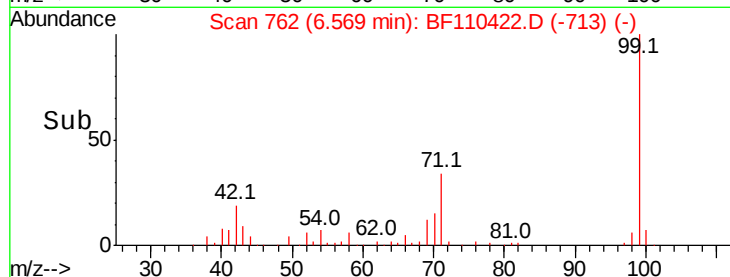
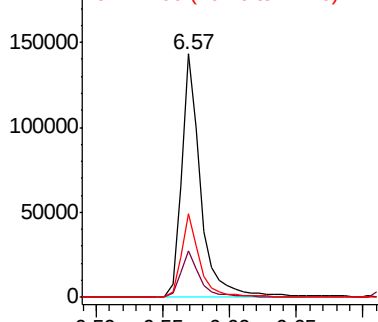
99 100

42 19.0 15.8 23.6

71 34.3 28.0 42.0



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: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110422.D

Acq: 2 Nov 2018 20:01

Tgt Ion: 136 Resp: 370555

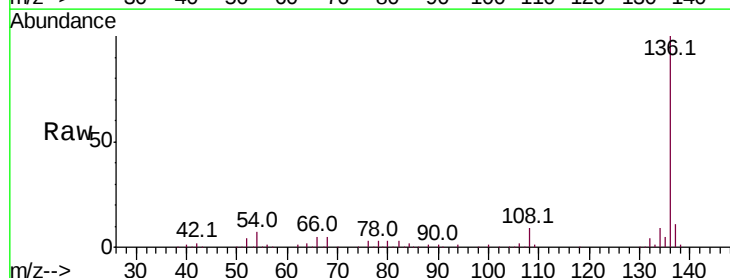
Ion Ratio Lower Upper

136 100

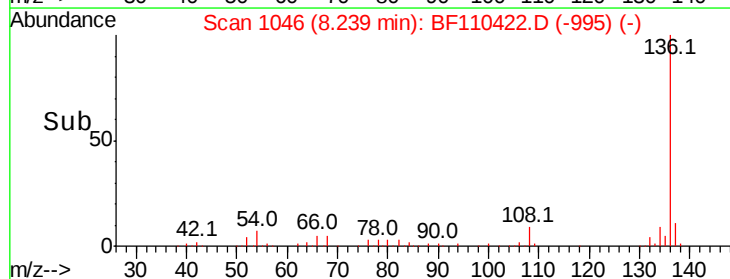
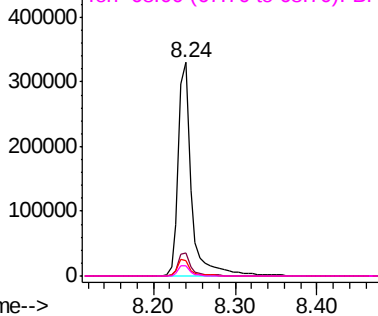
137 10.6 8.8 13.2

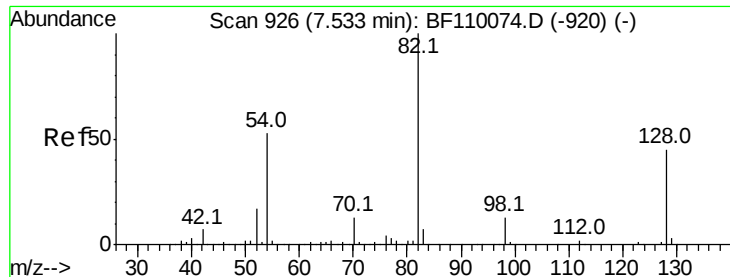
54 7.0 5.4 8.2

68 4.6 4.2 6.2



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

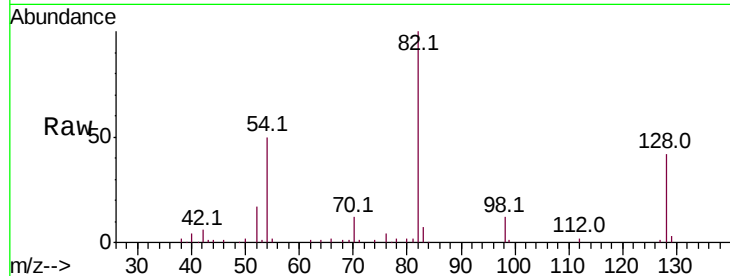




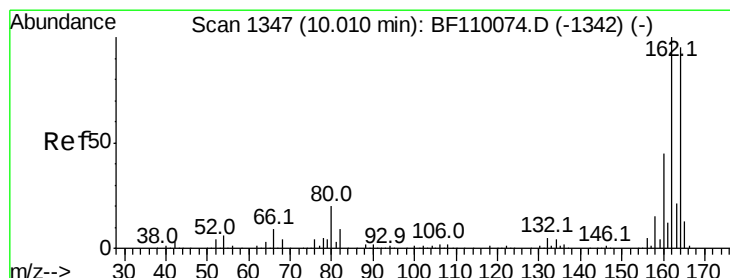
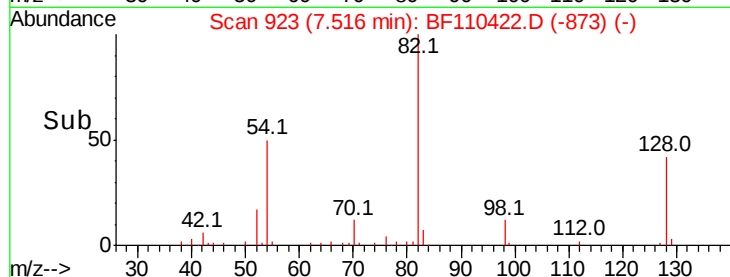
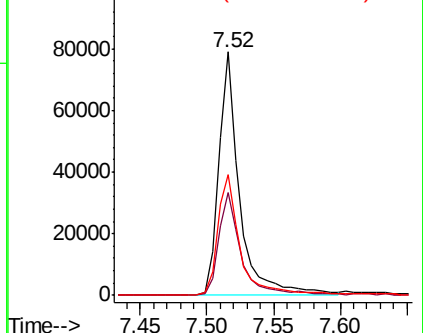
#23
Nitrobenzene-d5
Concen: 13.951 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110422.D
Acq: 2 Nov 2018 20:01

Instrument :
BNA_F
ClientSampleId :
CL-02-110118-A

Tot Ion: 82 Resp: 87155
Ion Ratio Lower Upper
82 100
128 42.5 34.2 51.2
54 49.7 38.6 58.0

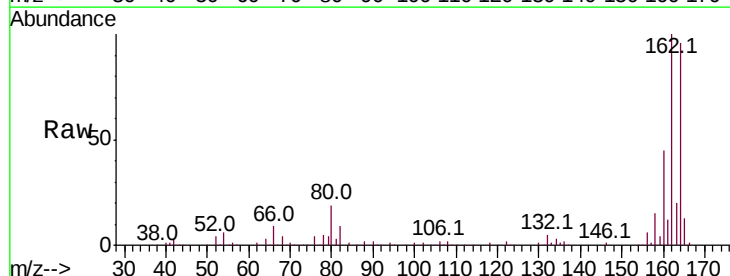


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

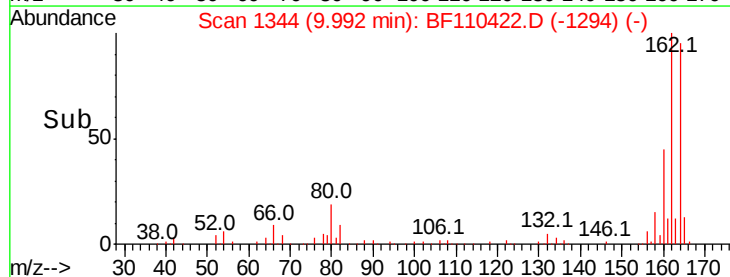
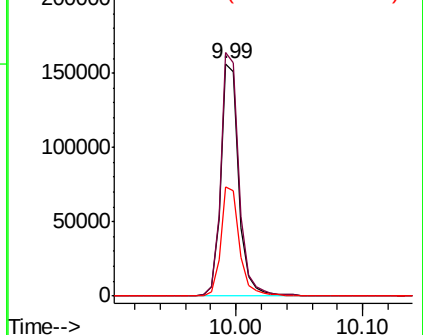


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110422.D
Acq: 2 Nov 2018 20:01

Tgt Ion:164 Resp: 156020
Ion Ratio Lower Upper
164 100
162 104.7 83.0 124.6
160 47.1 37.0 55.6



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

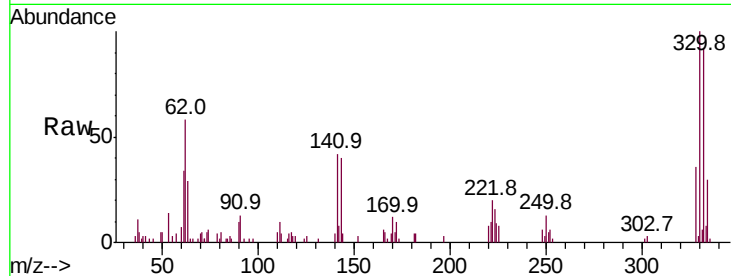




#42
 2,4,6-Tribromophenol
 Concen: 13.774 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110422.D
 Acq: 2 Nov 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110118-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	39.0	27.0	40.4

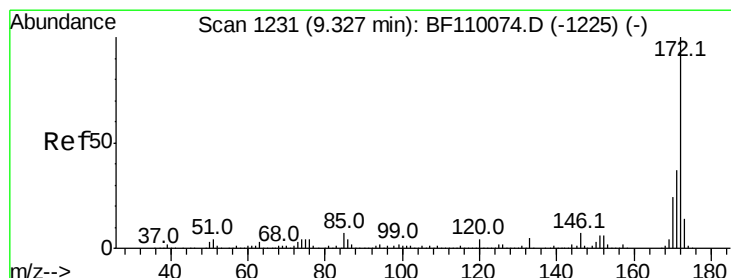
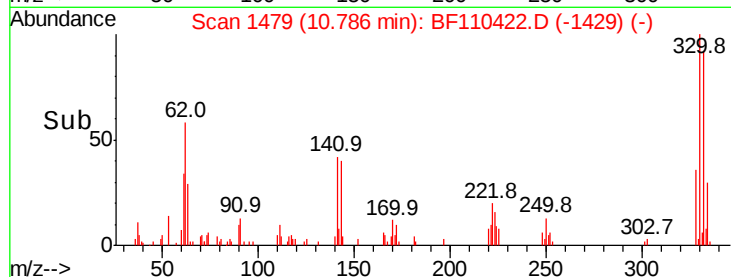
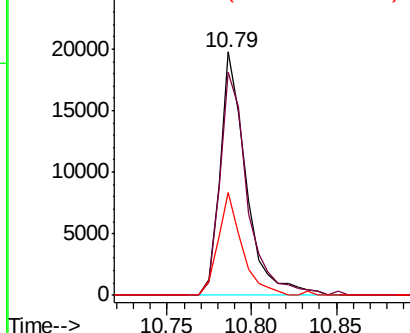


Abundance

Ion 329.80 (329.50 to 330.50): E

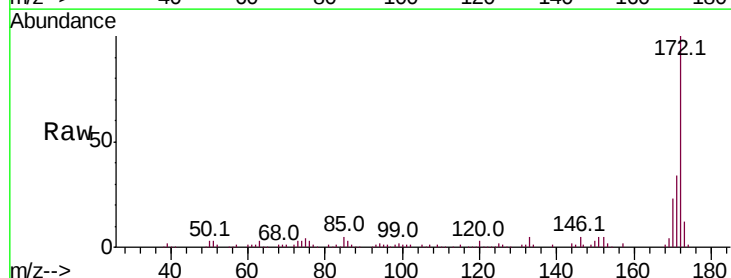
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 17.369 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110422.D
 Acq: 2 Nov 2018 20:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.6	43.0
170	22.5	19.7	29.5

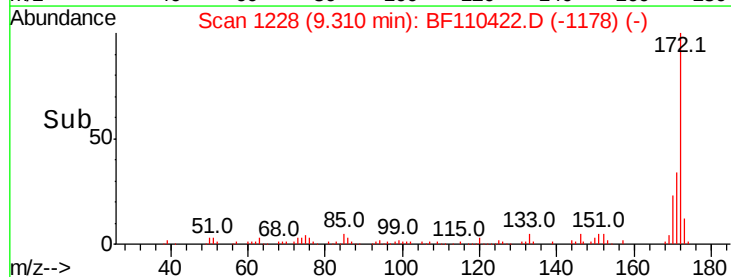
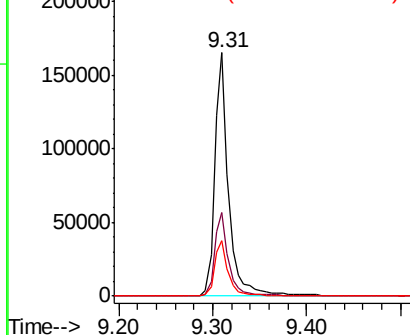


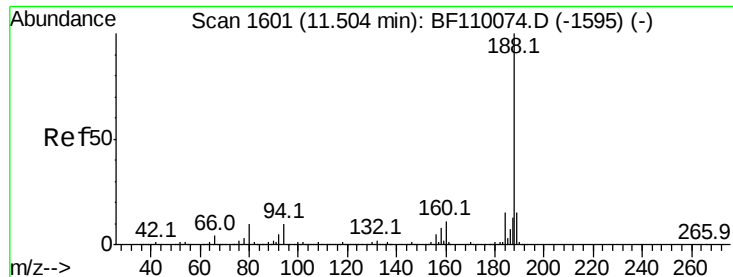
Abundance

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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110422.D

Acq: 2 Nov 2018 20:01

Instrument :

BNA_F

ClientSampleId :

CL-02-110118-A

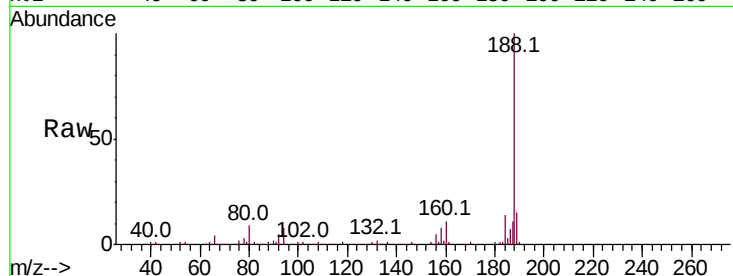
Tot Ion:188 Resp: 241229

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

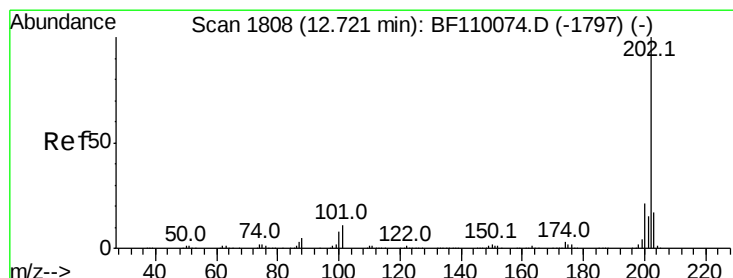
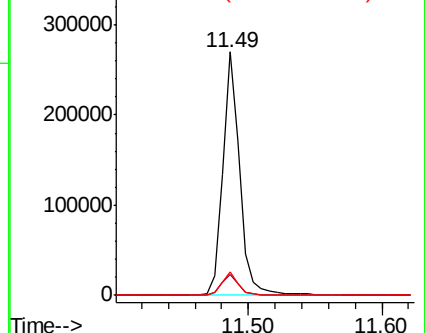
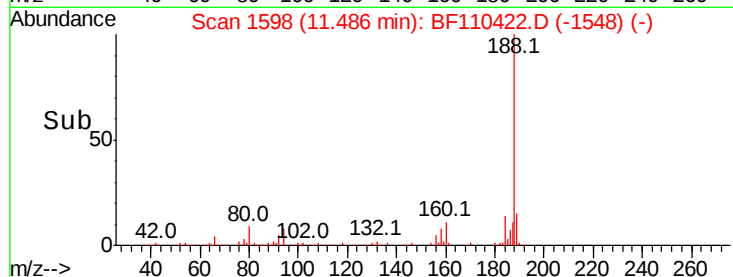
80 9.4 7.9 11.9



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: 2.426 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110422.D

Acq: 2 Nov 2018 20:01

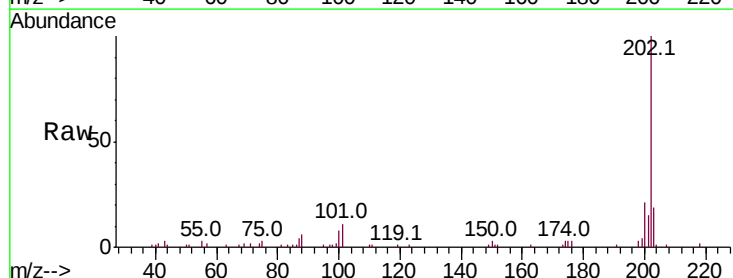
Tgt Ion:202 Resp: 31080

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.4

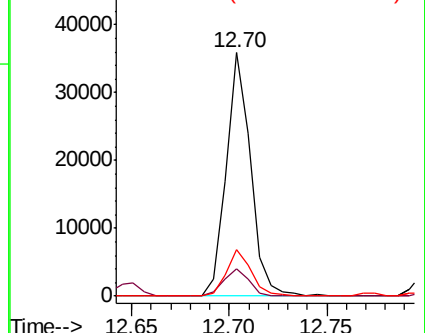
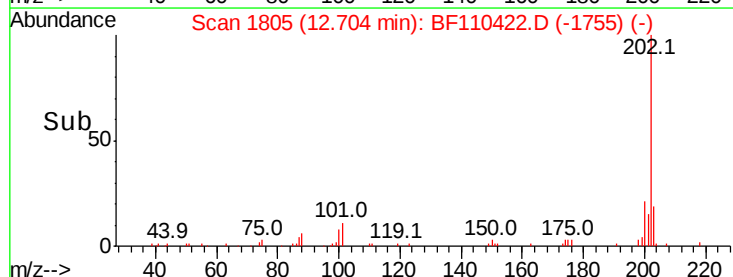
203 19.1 0.0 37.7

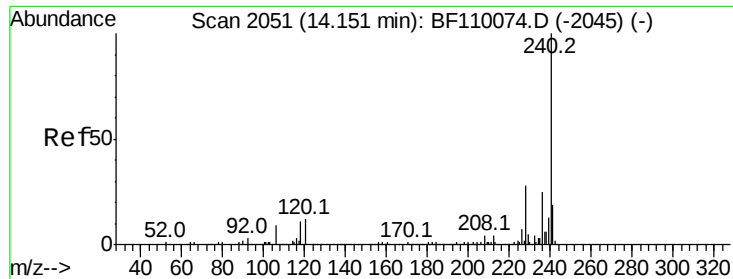


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

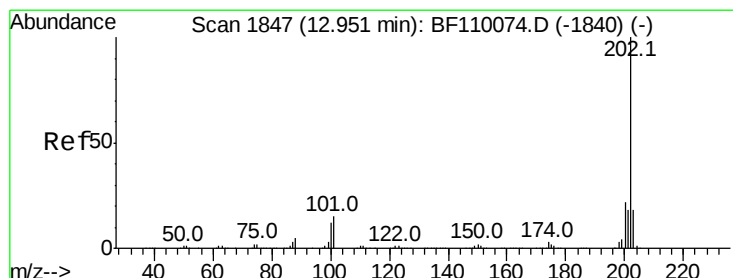
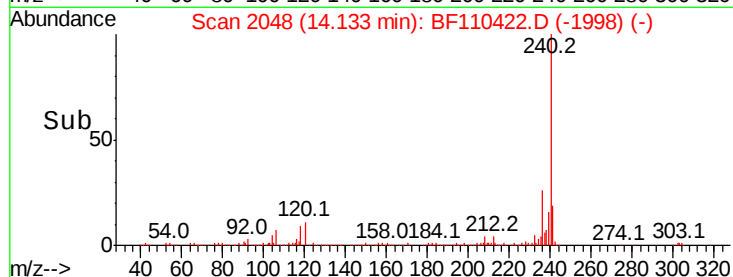
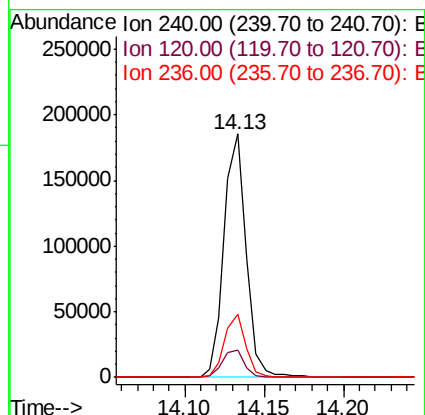
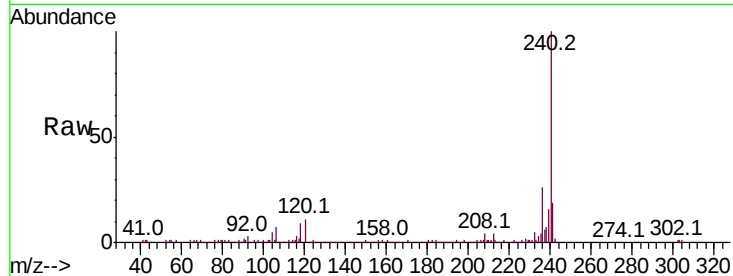




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110422.D
 Acq: 2 Nov 2018 20:01

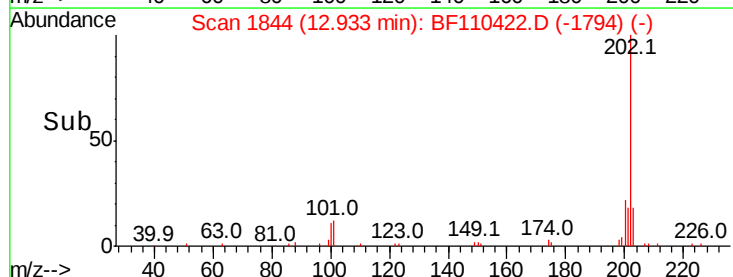
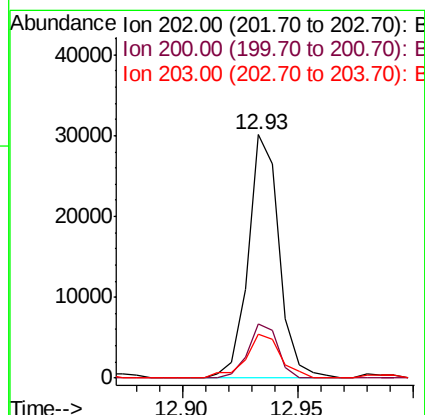
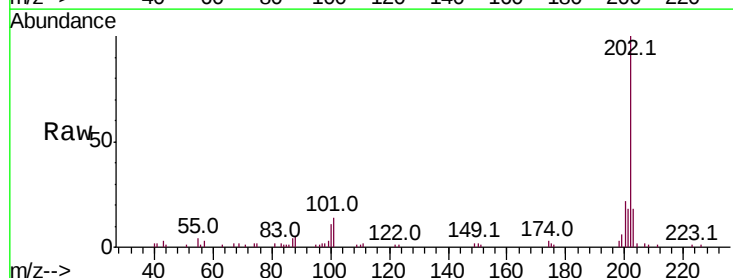
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110118-A

Tot Ion:240 Resp: 179603
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.3 12.5
 236 25.7 21.2 31.8



#78
 Pyrene
 Concen: 2.191 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF110422.D
 Acq: 2 Nov 2018 20:01

Tgt Ion:202 Resp: 28217
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.8 26.6
 203 18.1 14.2 21.4

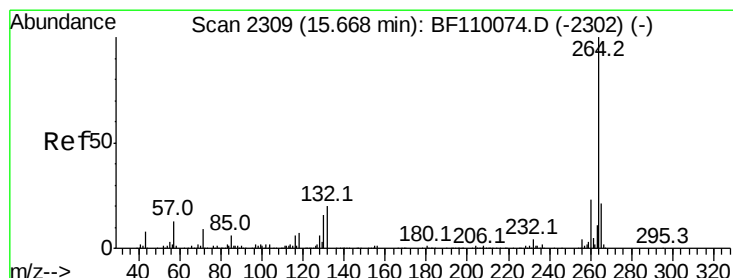
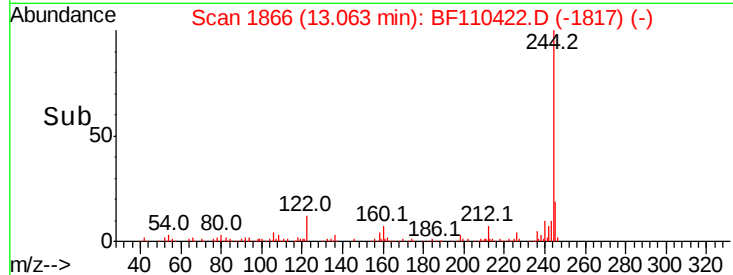
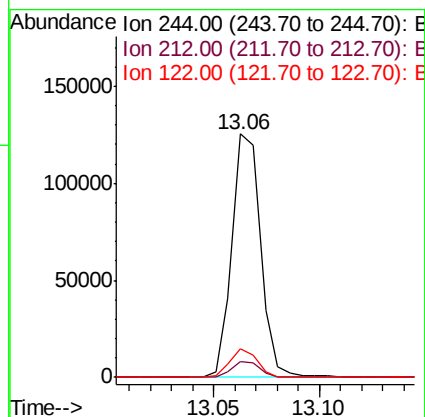
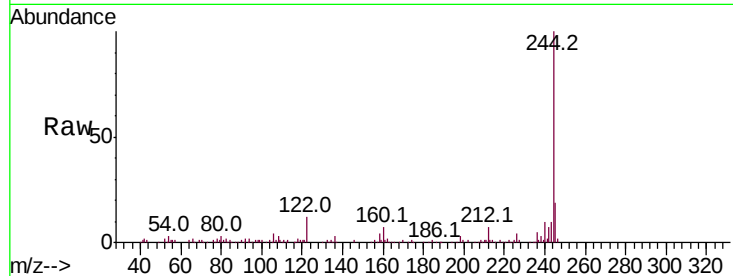




#79
 Terphenyl-d14
 Concen: 13.596 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110422.D
 Acq: 2 Nov 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110118-A

Tot Ion:244 Resp: 117418
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 12.0 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110422.D
 Acq: 2 Nov 2018 20:01

Tgt Ion:264 Resp: 144365
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.7 16.7 25.1

