

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110423.D
 Acq On : 2 Nov 2018 20:29
 Operator : JU/SJ
 Sample : J5767-03 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Nov 03 00:34:22 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	91860	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	366219	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	147205	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	223455	20.00	ng	0.00
76) Chrysene-d12	14.13	240	180591	20.00	ng	0.00
87) Perylene-d12	15.66	264	134420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	103330	18.32	ng	0.00
7) Phenol-d6	6.57	99	133078	18.44	ng	-0.01
23) Nitrobenzene-d5	7.52	82	78607	12.73	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	19195	13.16	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	144020	15.36	ng	0.00
79) Terphenyl-d14	13.07	244	97738	11.26	ng	0.00

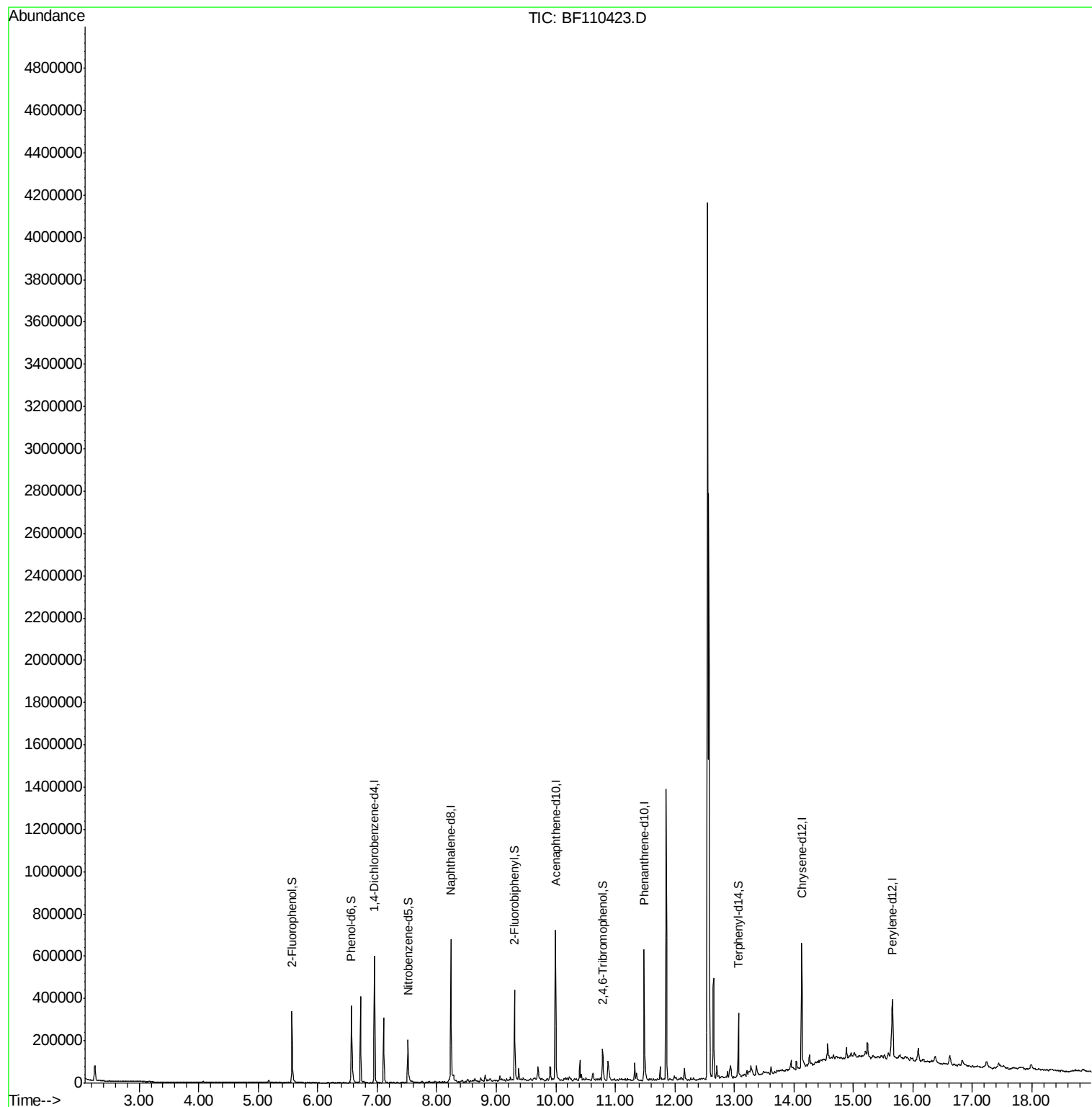
Target Compounds Qvalue

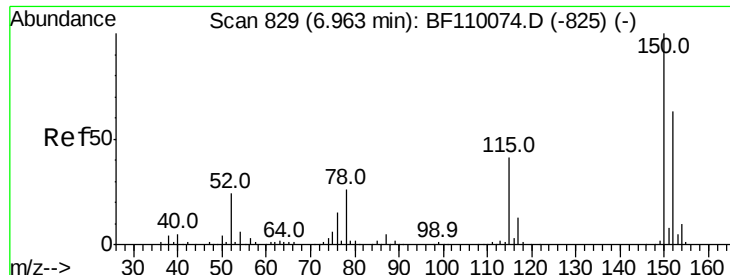
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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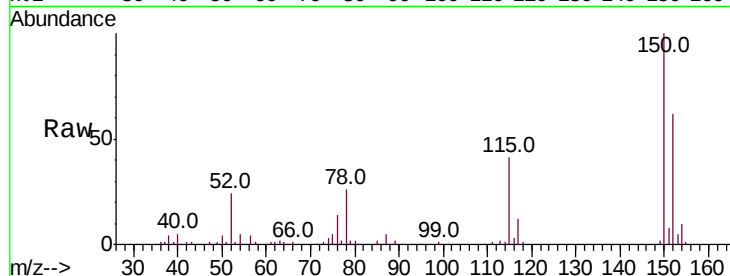


#1

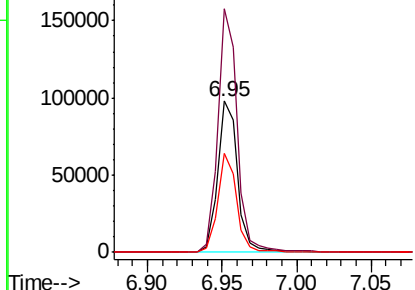
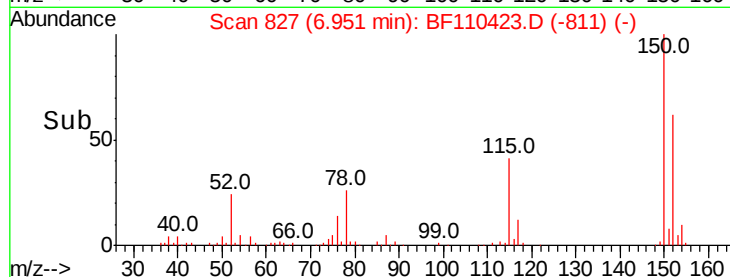
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110423.D
Acq: 2 Nov 2018 20:29

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

Tot Ion:152 Resp: 91860
Ion Ratio Lower Upper
152 100
150 161.1 122.7 184.1
115 65.5 49.1 73.7



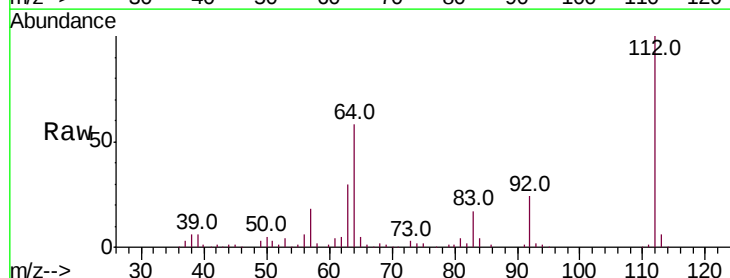
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



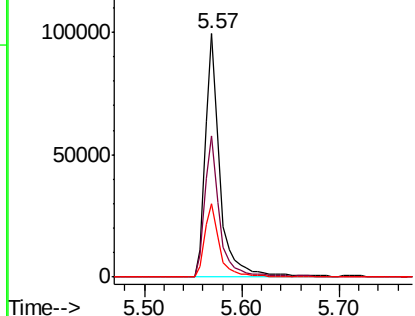
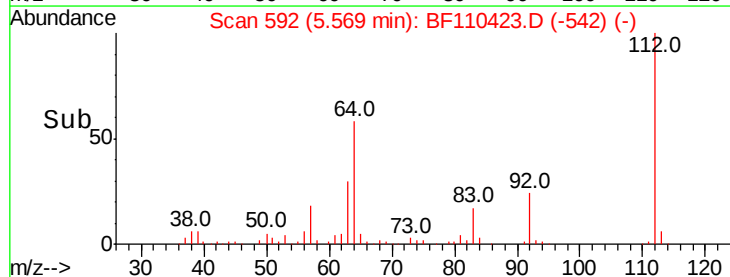
#5

2-Fluorophenol
Concen: 18.318 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110423.D
Acq: 2 Nov 2018 20:29

Tgt Ion:112 Resp: 103330
Ion Ratio Lower Upper
112 100
64 57.8 44.1 66.1
63 30.2 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: 18.444 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110423.D

Acq: 2 Nov 2018 20:29

Instrument :

BNA_F

ClientSampleId :

CL-02-110118-B

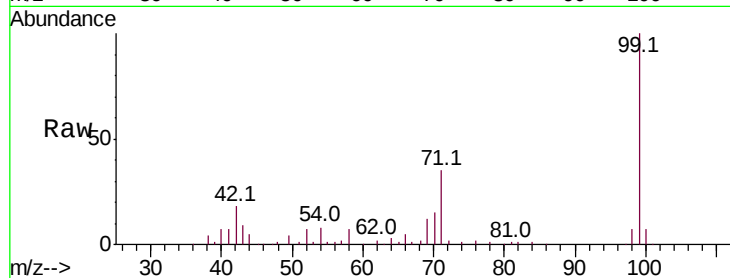
Tot Ion: 99 Resp: 133078

Ion Ratio Lower Upper

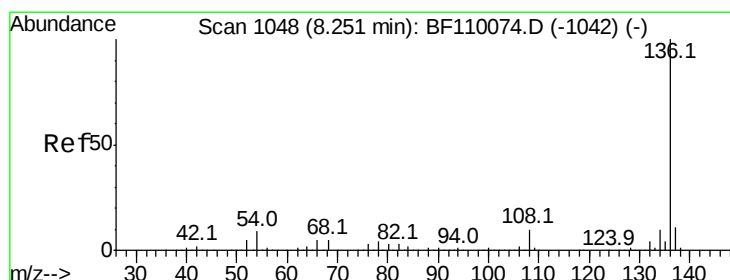
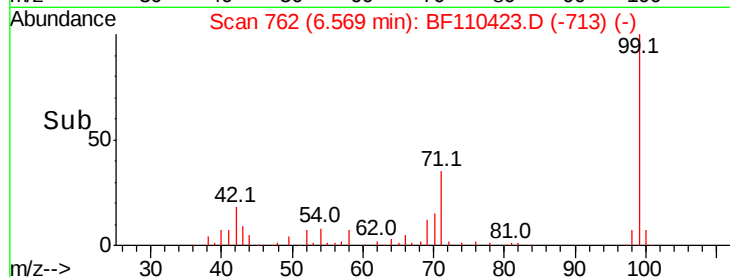
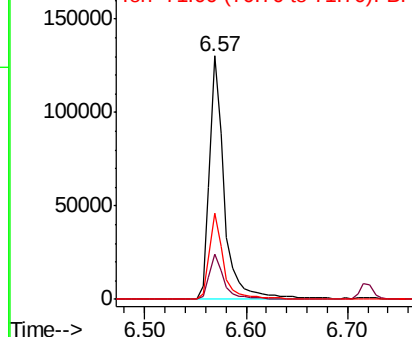
99 100

42 18.4 15.8 23.6

71 35.3 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: BF110423.D

Acq: 2 Nov 2018 20:29

Tgt Ion: 136 Resp: 366219

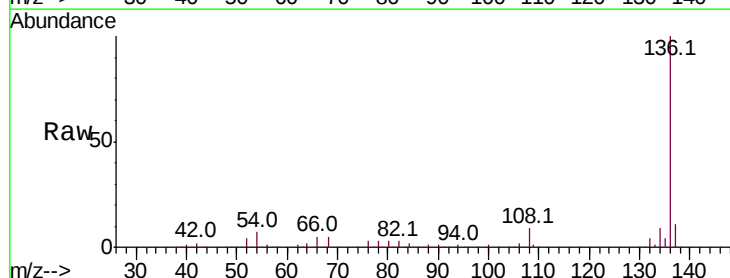
Ion Ratio Lower Upper

136 100

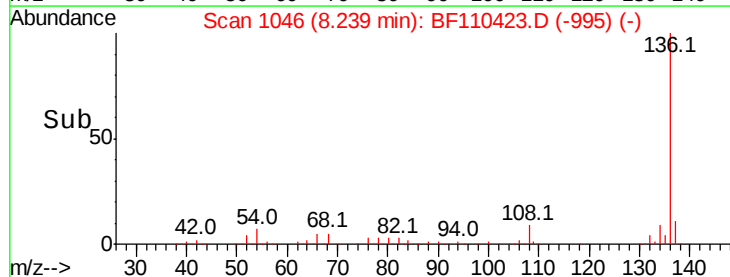
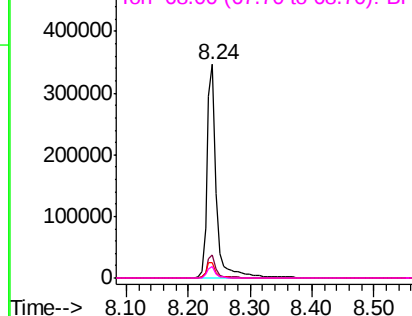
137 10.5 8.8 13.2

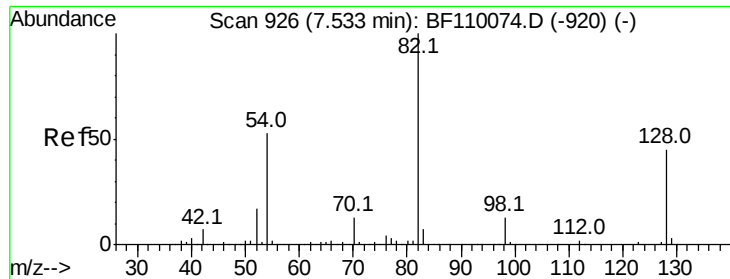
54 7.5 5.4 8.2

68 5.2 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

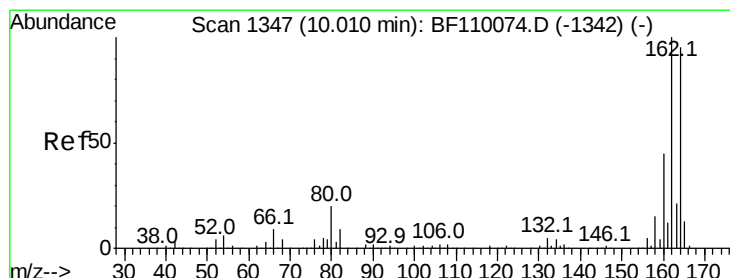
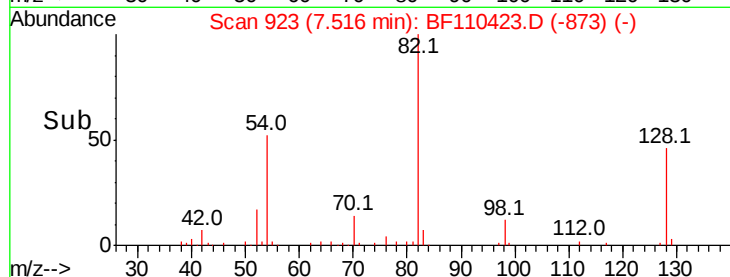
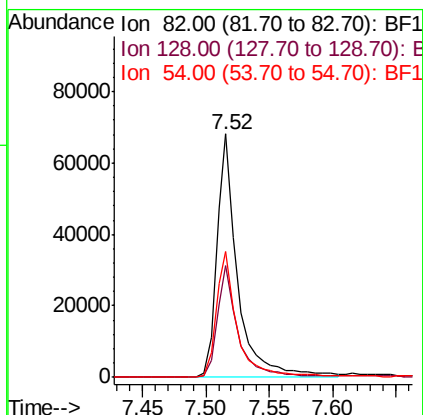
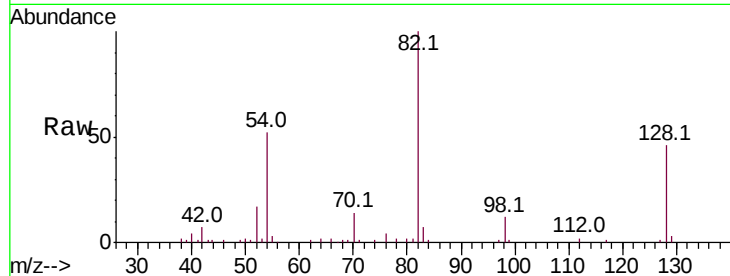




#23
 Nitrobenzene-d5
 Concen: 12.731 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110423.D
 Acq: 2 Nov 2018 20:29

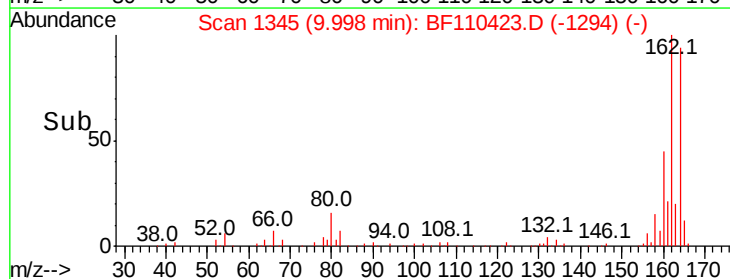
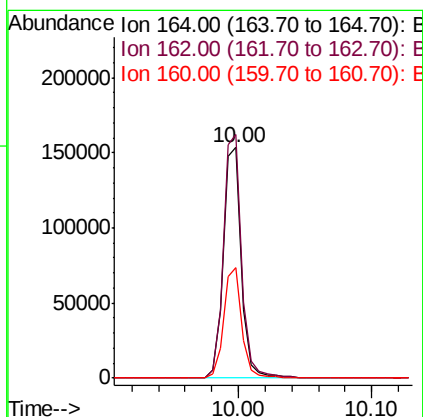
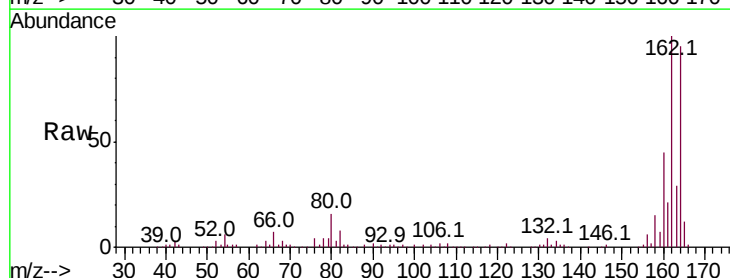
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110118-B

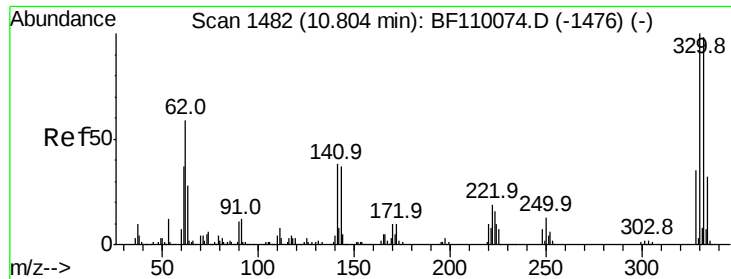
Tot Ion	82	Resp	78607
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.2	51.2
54	51.7	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF110423.D
 Acq: 2 Nov 2018 20:29

Tgt Ion	164	Resp	147205
Ion Ratio	Lower	Upper	
164	100		
162	105.7	83.0	124.6
160	47.8	37.0	55.6

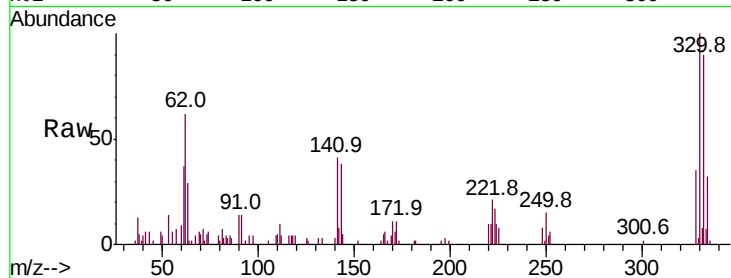




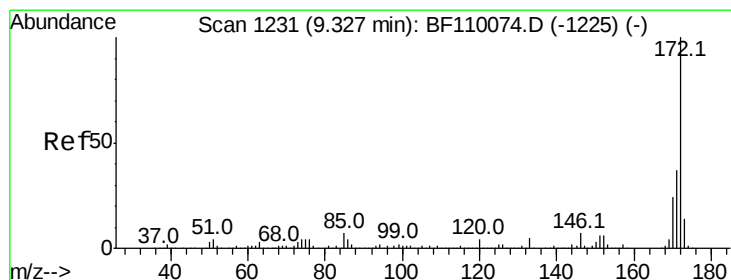
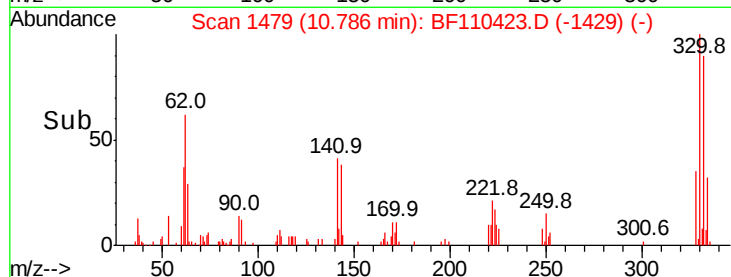
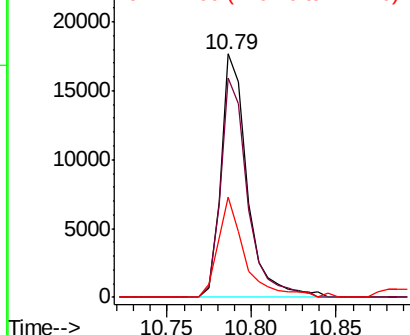
#42
 2,4,6-Tribromophenol
 Concen: 13.164 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110423.D
 Acq: 2 Nov 2018 20:29

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.2	77.1	115.7
141	42.4	27.0	40.4

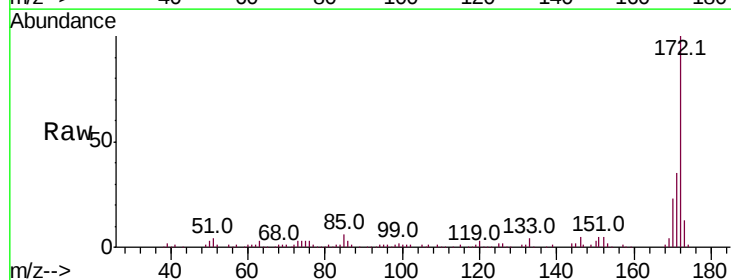


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

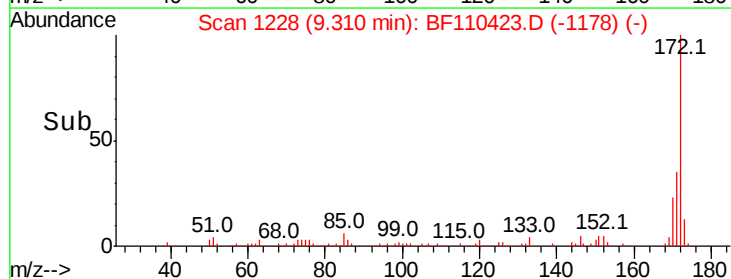
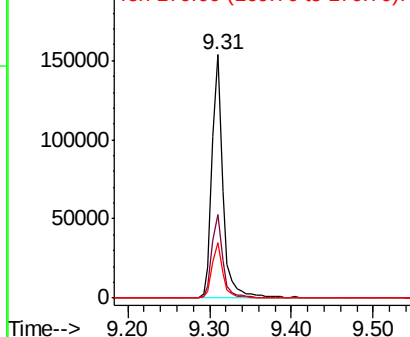


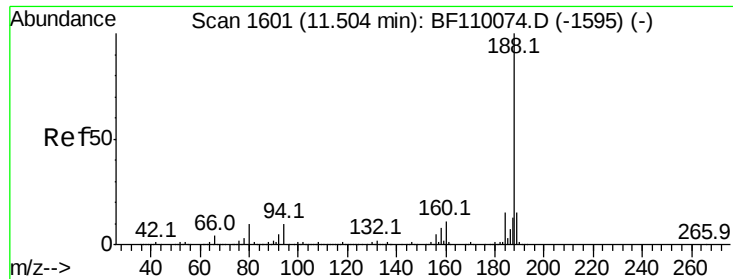
#45
 2-Fluorobiphenyl
 Concen: 15.363 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110423.D
 Acq: 2 Nov 2018 20:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	43.0
170	22.8	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: BF110423.D

Acq: 2 Nov 2018 20:29

Instrument :

BNA_F

ClientSampleId :

CL-02-110118-B

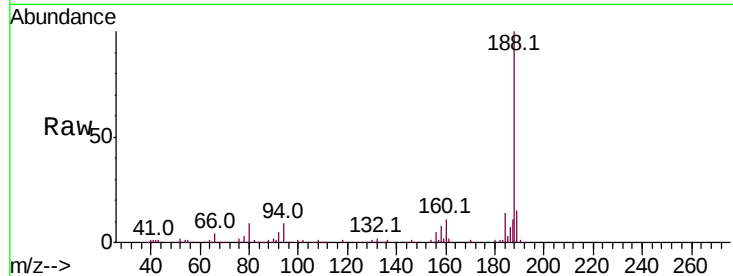
Tot Ion:188 Resp: 223455

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

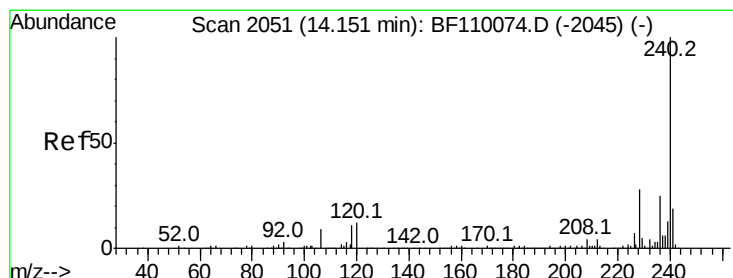
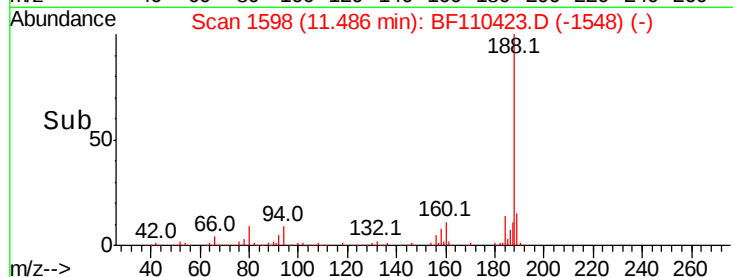
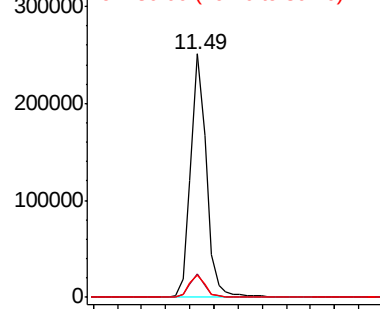
80 9.0 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110423.D

Acq: 2 Nov 2018 20:29

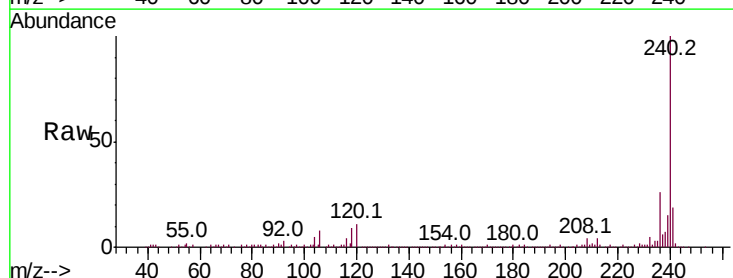
Tgt Ion:240 Resp: 180591

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

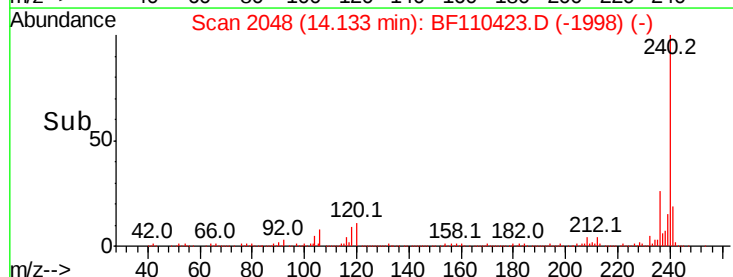
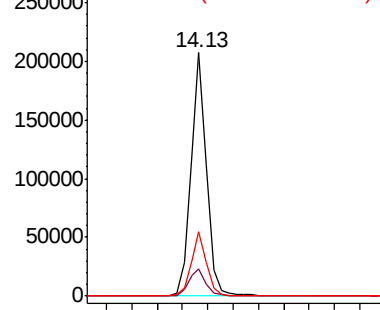
236 26.2 21.2 31.8



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

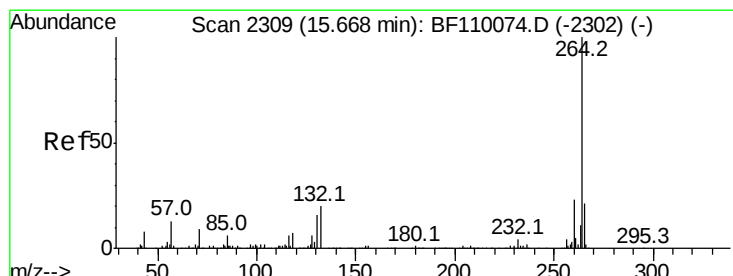
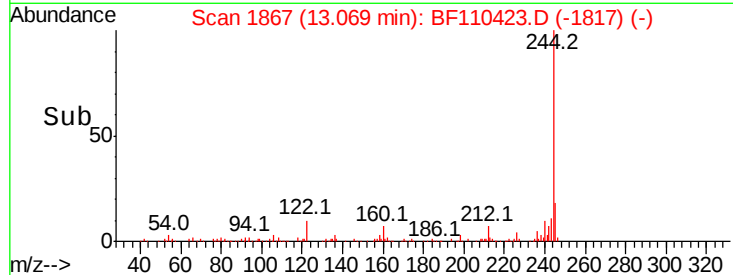
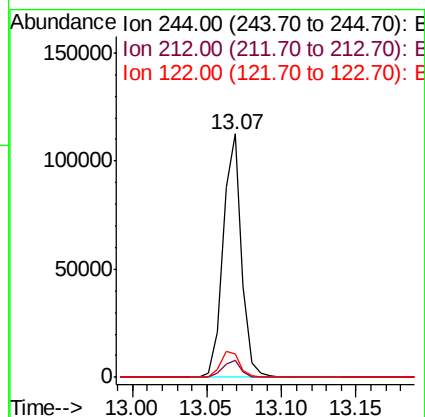
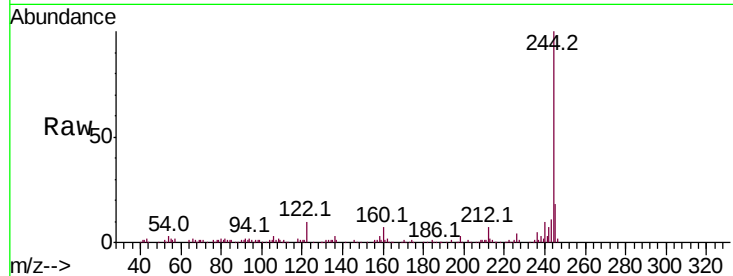




#79
 Terphenyl-d14
 Concen: 11.256 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110423.D
 Acq: 2 Nov 2018 20:29

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

Tot Ion:244 Resp: 97738
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.8 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: BF110423.D
 Acq: 2 Nov 2018 20:29

Tgt Ion:264 Resp: 134420
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.3 16.7 25.1

