

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
 Data File : BF112679.D
 Acq On : 22 Feb 2019 22:00
 Operator : JU/SJ
 Sample : K1566-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 23377

Quant Time: Feb 23 01:25:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81635	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	335946	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	145065	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	219467	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	153182	20.00	ng	-0.02
87) Perylene-d12	15.48	264	157238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	15539	4.04	ng	0.01
7) Phenol-d6	6.52	99	23501	4.40	ng	0.03
23) Nitrobenzene-d5	7.40	82	17376	2.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	6614	3.92	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	42002	4.10	ng	-0.04
79) Terphenyl-d14	12.92	244	30393	3.74	ng	-0.04

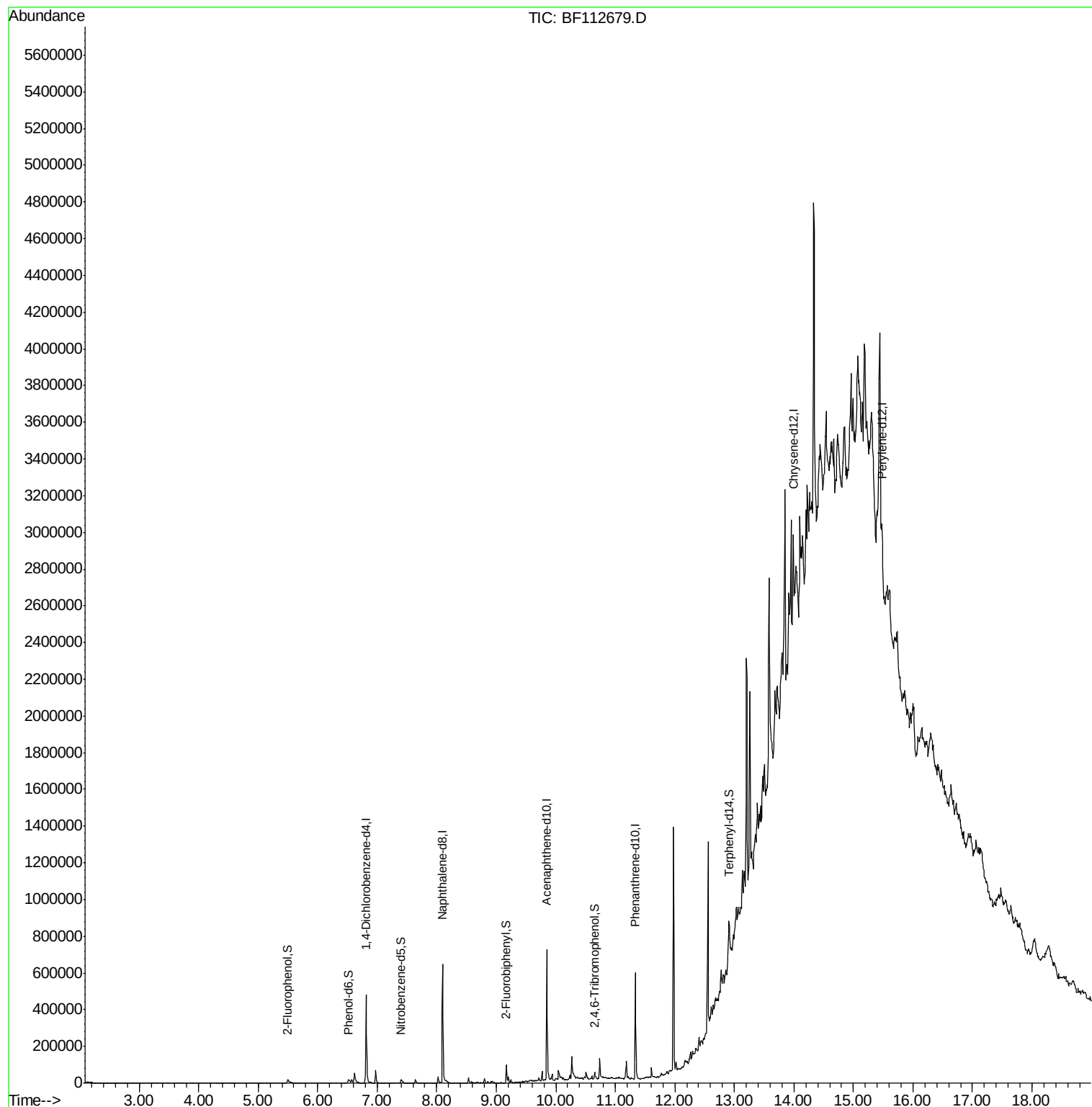
Target Compounds Qvalue

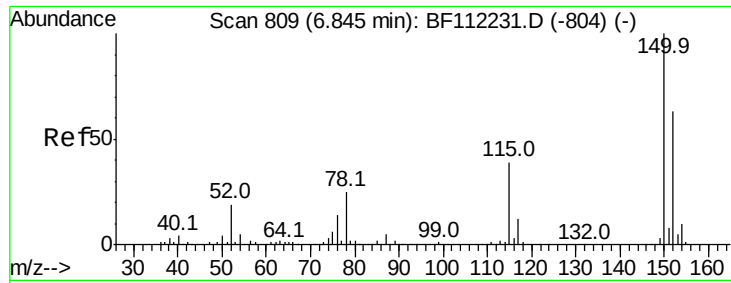
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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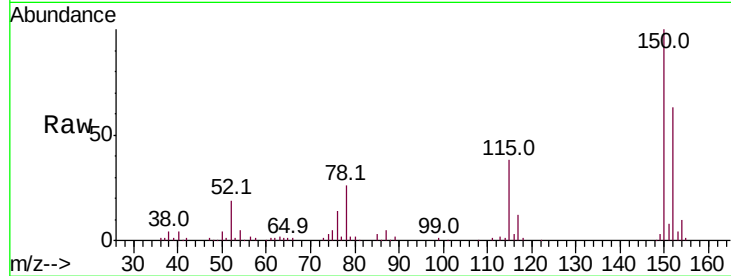


#1

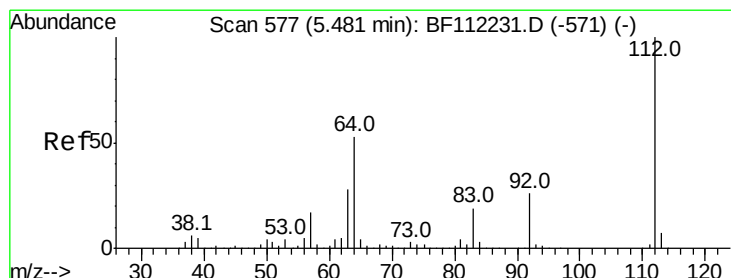
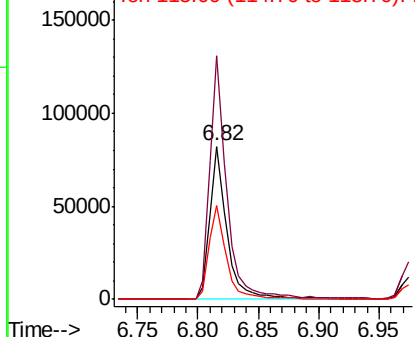
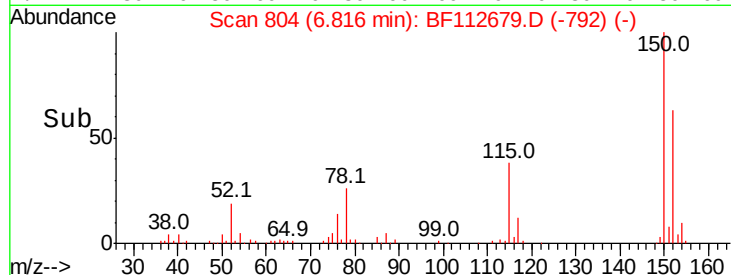
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112679.D
Acq: 22 Feb 2019 22:00

Instrument :
BNA_F
ClientSampleId :
23377

Tot Ion:152 Resp: 81635
Ion Ratio Lower Upper
152 100
150 158.8 127.4 191.0
115 60.9 45.5 68.3



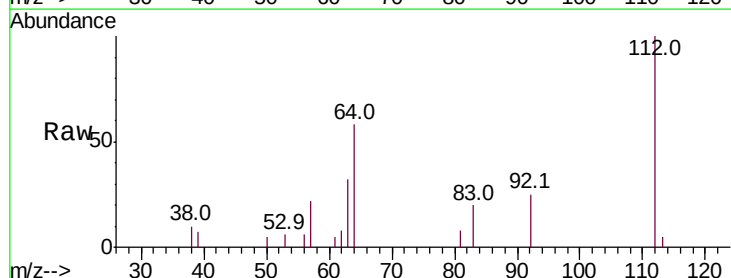
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



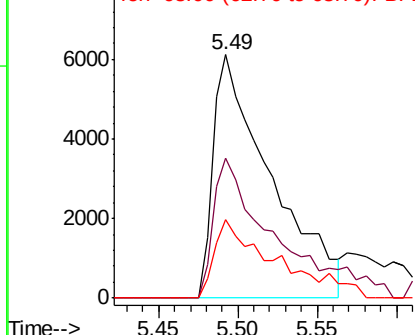
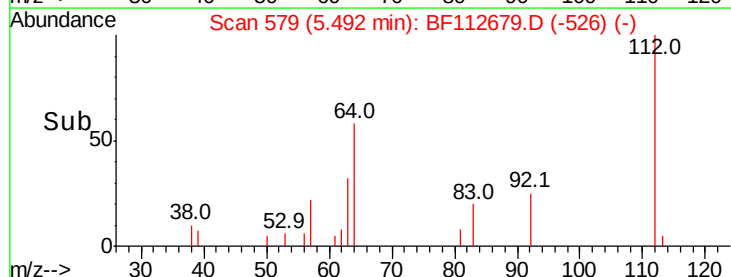
#5

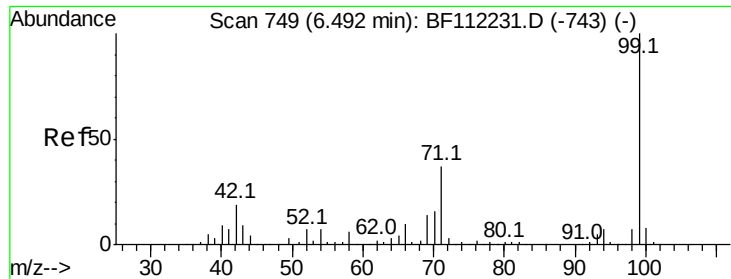
2-Fluorophenol
Concen: 4.043 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF112679.D
Acq: 22 Feb 2019 22:00

Tgt Ion:112 Resp: 15539
Ion Ratio Lower Upper
112 100
64 57.6 45.7 68.5
63 32.1 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: 4.401 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.03 min

Lab File: BF112679.D

Acq: 22 Feb 2019 22:00

Instrument :

BNA_F

ClientSampled :

23377

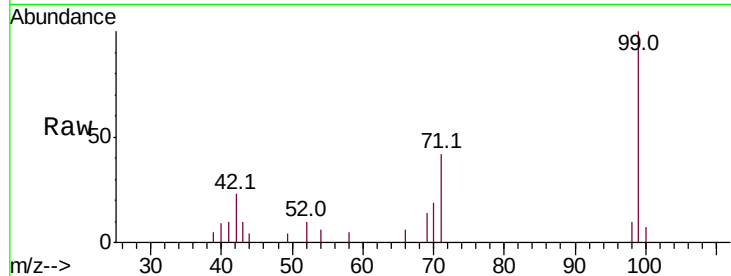
Tot Ion: 99 Resp: 23501

Ion Ratio Lower Upper

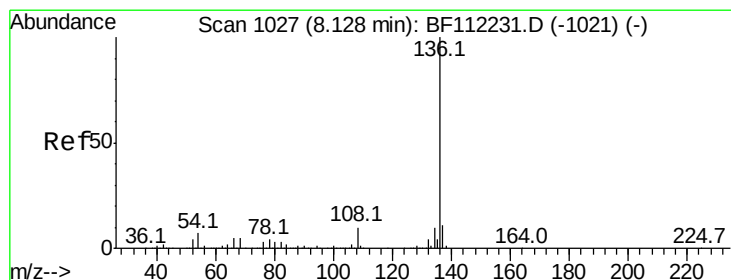
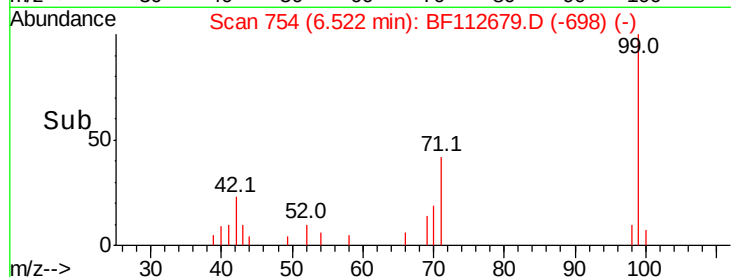
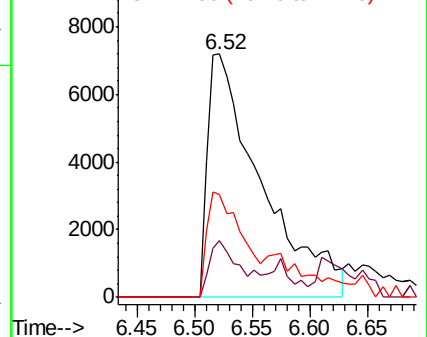
99 100

42 23.2 15.1 22.7#

71 42.0 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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF112679.D

Acq: 22 Feb 2019 22:00

Tgt Ion: 136 Resp: 335946

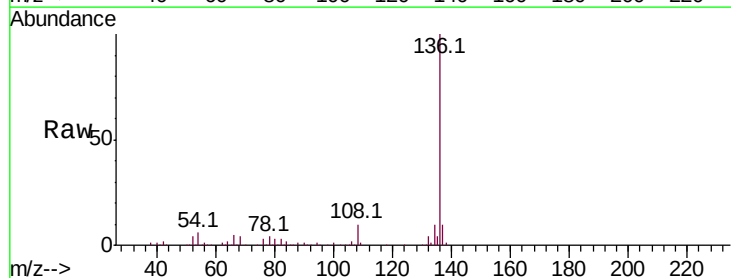
Ion Ratio Lower Upper

136 100

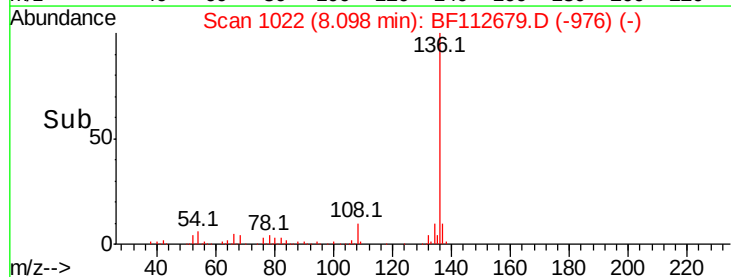
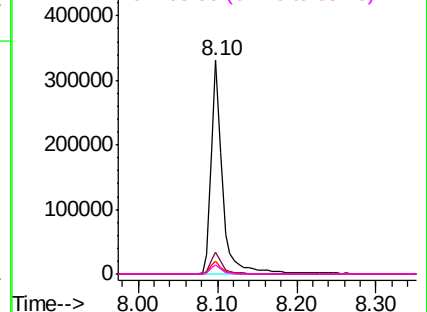
137 9.9 9.1 13.7

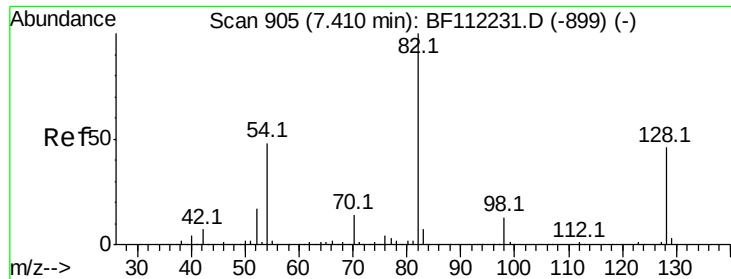
54 6.3 5.9 8.9

68 4.2 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

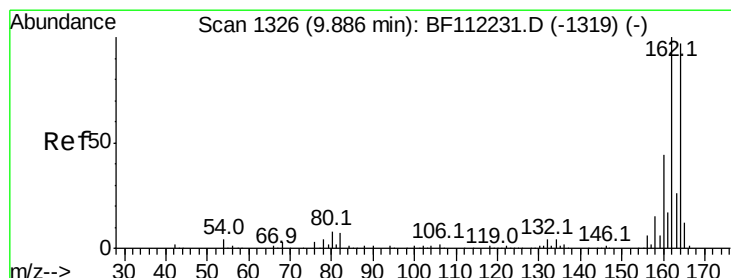
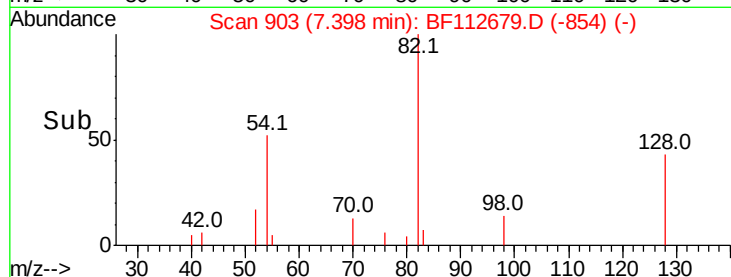
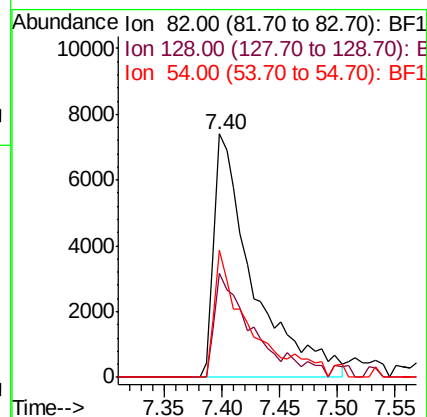
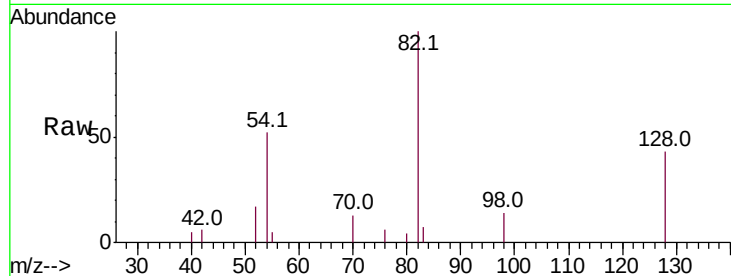




#23
 Nitrobenzene-d5
 Concen: 2.980 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112679.D
 Acq: 22 Feb 2019 22:00

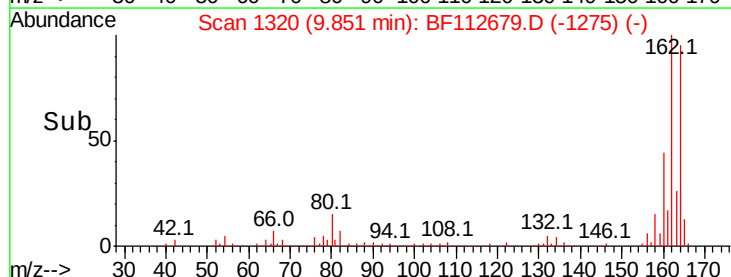
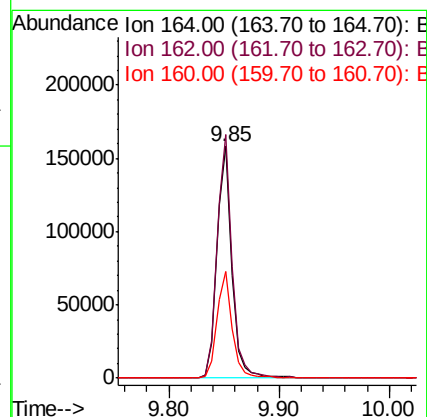
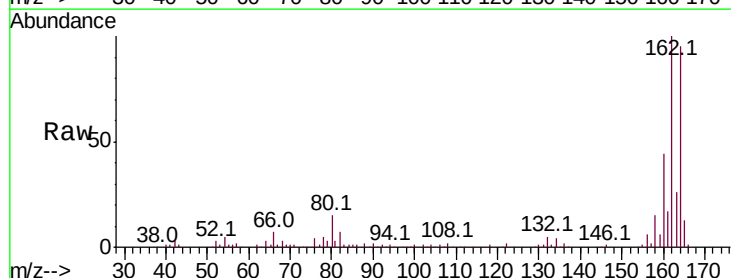
Instrument :
 BNA_F
 ClientSampleID :
 23377

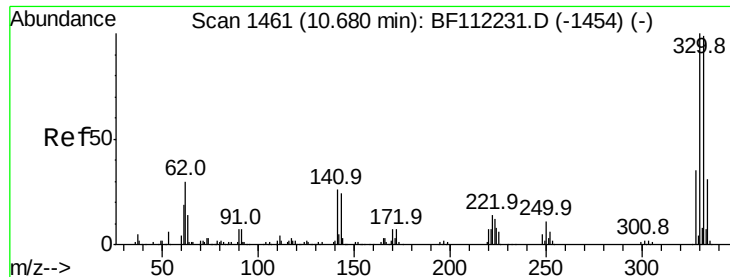
Tot Ion	82	Resp	17376
Ion Ratio	Lower	Upper	
82	100		
128	42.5	37.8	56.8
54	52.0	39.7	59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF112679.D
 Acq: 22 Feb 2019 22:00

Tgt Ion	164	Resp	145065
Ion Ratio	Lower	Upper	
164	100		
162	105.1	82.2	123.4
160	46.3	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 3.917 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112679.D

Acq: 22 Feb 2019 22:00

Instrument :

BNA_F

ClientSampleId :

23377

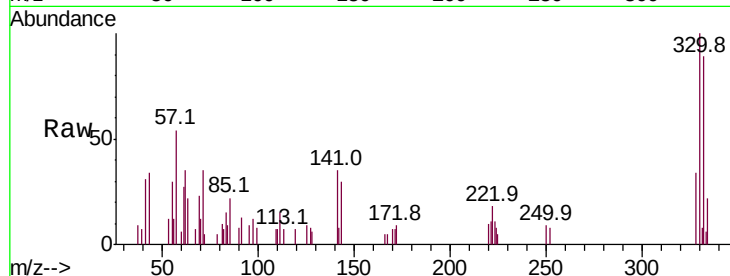
Tot Ion:330 Resp: 6614

Ion Ratio Lower Upper

330 100

332 93.3 76.6 114.8

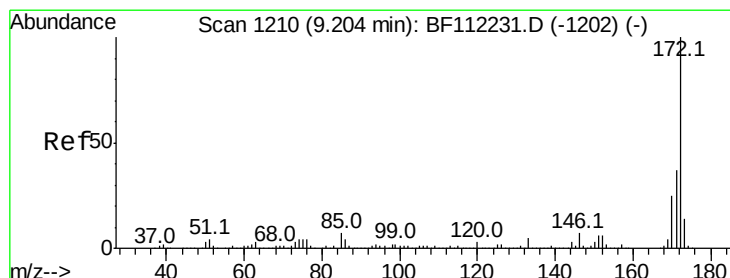
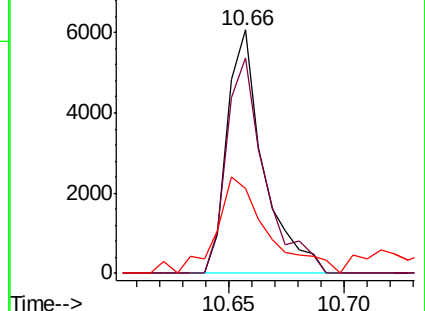
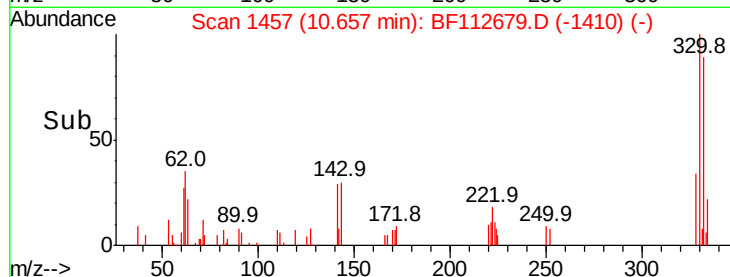
141 56.2 24.3 36.5#



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: 4.095 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF112679.D

Acq: 22 Feb 2019 22:00

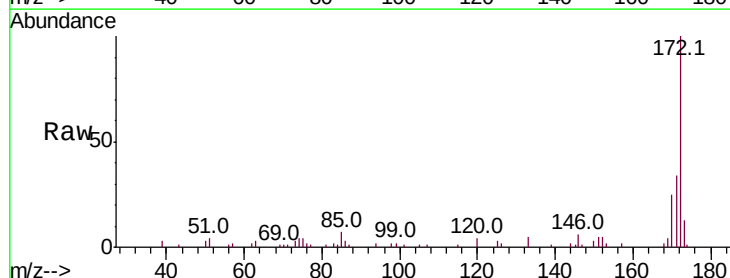
Tgt Ion:172 Resp: 42002

Ion Ratio Lower Upper

172 100

171 33.6 30.5 45.7

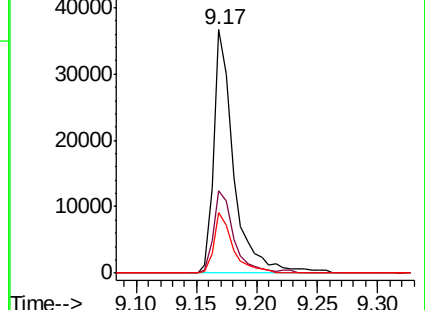
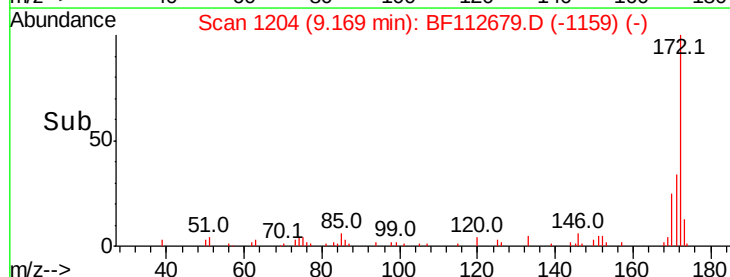
170 24.9 20.2 30.4

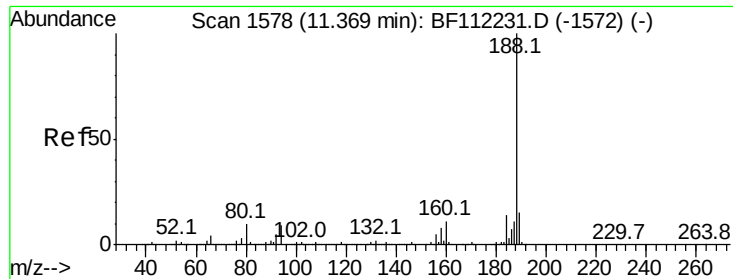


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

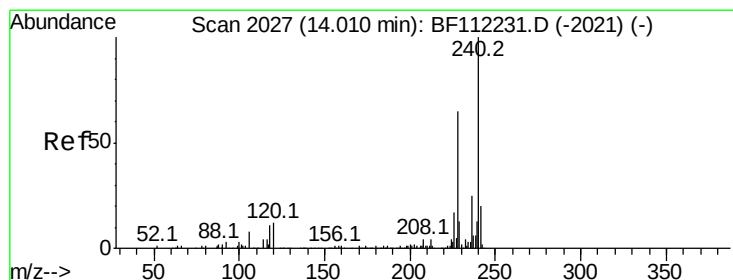
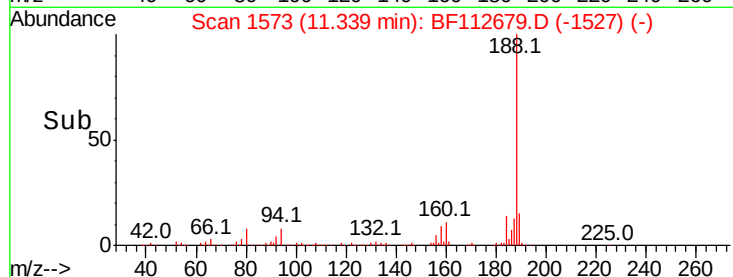
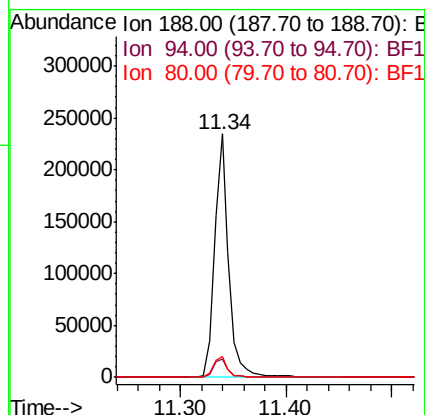
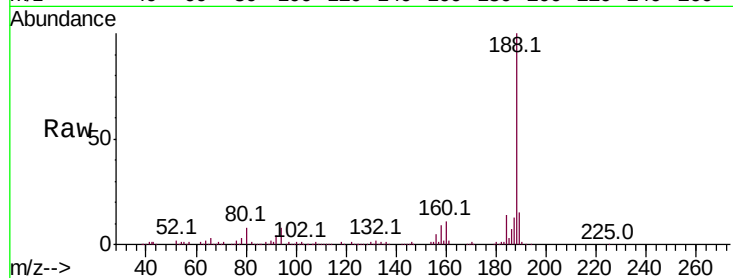




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112679.D
Acq: 22 Feb 2019 22:00

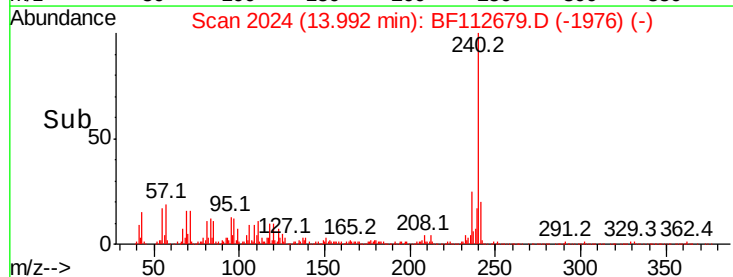
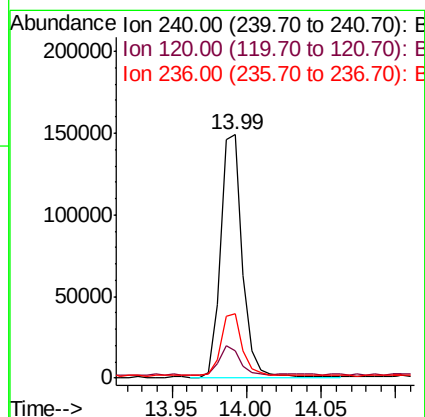
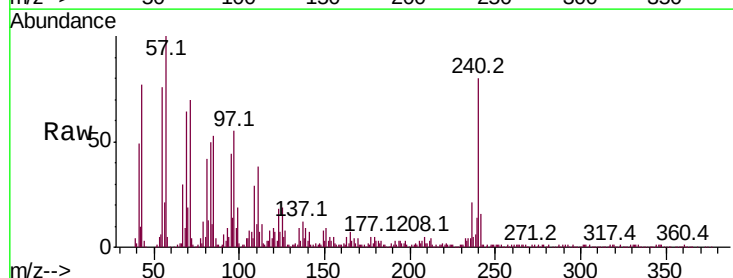
Instrument :
BNA_F
ClientSampleId :
23377

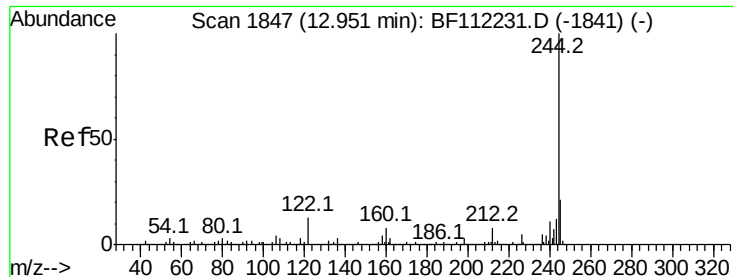
Tot Ion:188 Resp: 219467
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 8.5 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF112679.D
Acq: 22 Feb 2019 22:00

Tgt Ion:240 Resp: 153182
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.6
236 26.3 20.7 31.1

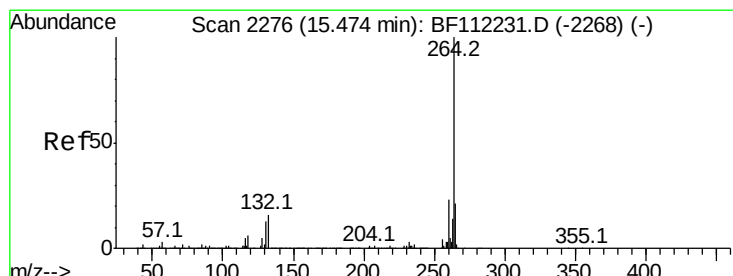
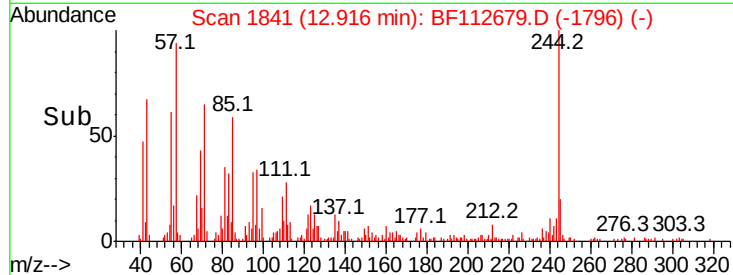
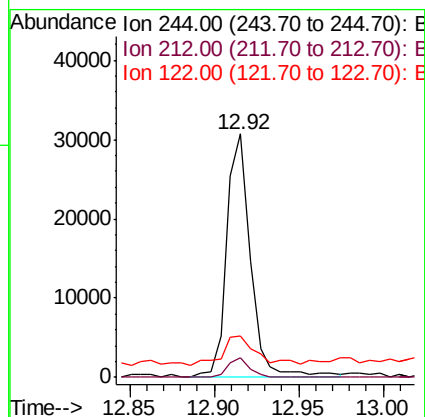
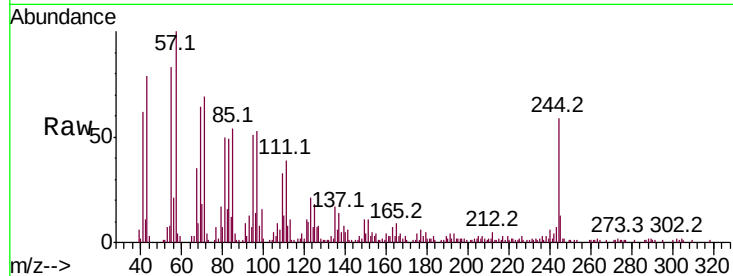




#79
 Terphenyl-d14
 Concen: 3.737 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF112679.D
 Acq: 22 Feb 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :
 23377

Tot Ion:244 Resp: 30393
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 16.8 9.8 14.6#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF112679.D
 Acq: 22 Feb 2019 22:00

Tgt Ion:264 Resp: 157238
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.7 17.0 25.4

