

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112279.D
 Acq On : 28 Jan 2019 17:20
 Operator : JU/SJ
 Sample : K1250-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-6

Quant Time: Jan 28 17:55:38 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	6.84	152	182209	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	706921	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	352767	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	701201	20.00	ng	0.00
76) Chrysene-d12	14.00	240	562943	20.00	ng	0.00
87) Perylene-d12	15.47	264	456387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1273020	148.40	ng	0.01
7) Phenol-d6	6.49	99	1426856	119.70	ng	0.00
23) Nitrobenzene-d5	7.40	82	1159142	94.48	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	610709	148.73	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2303537	92.35	ng	0.00
79) Terphenyl-d14	12.95	244	2596892	86.88	ng	0.00

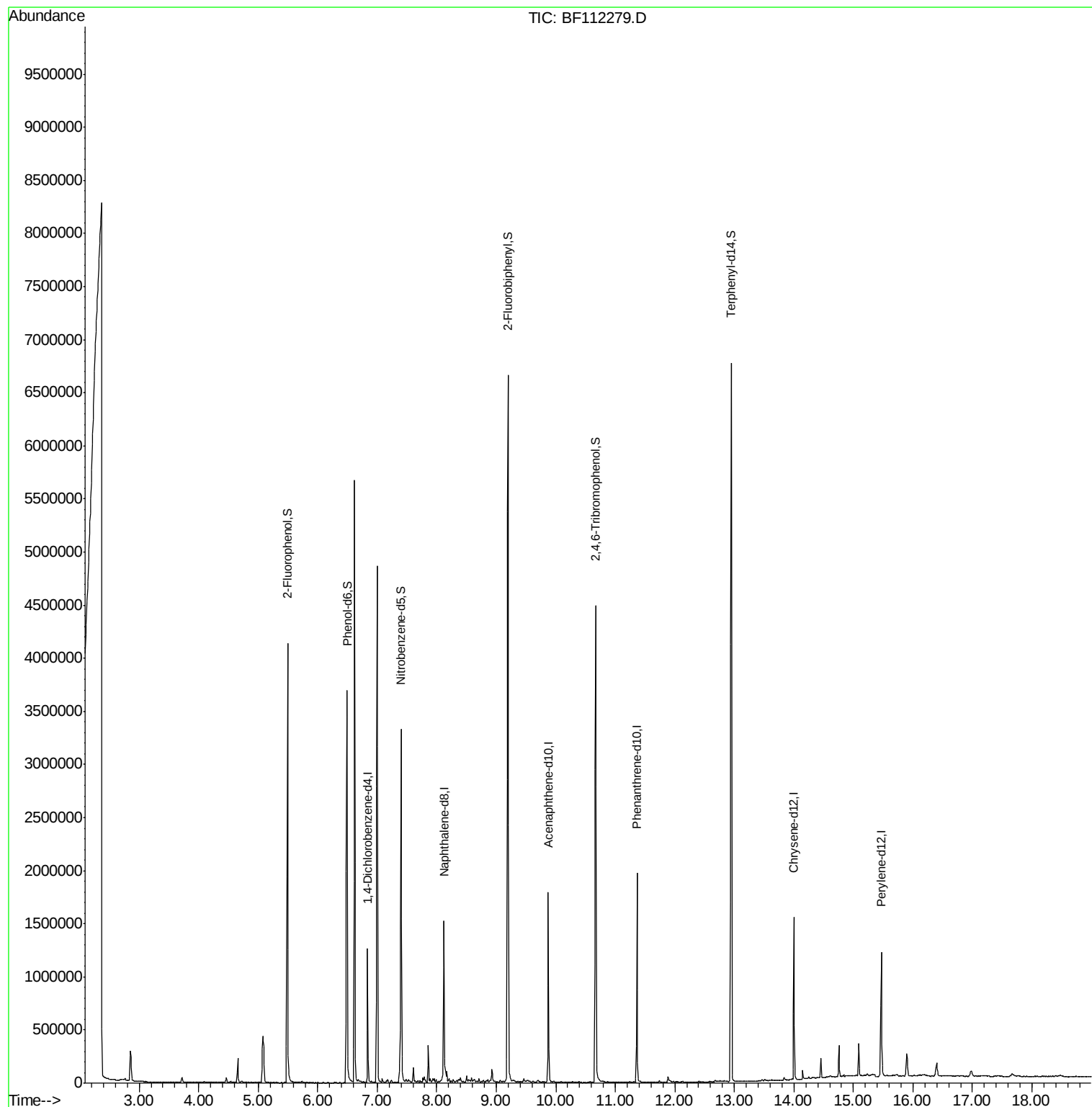
Target Compounds Qvalue

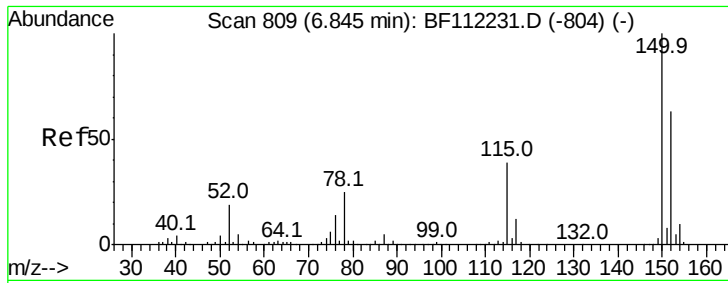
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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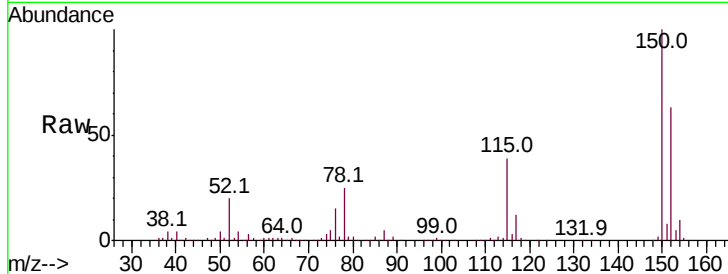


#1

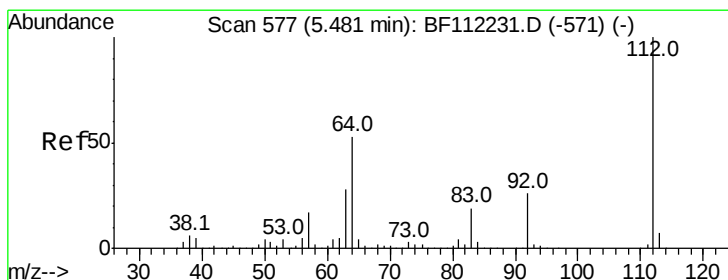
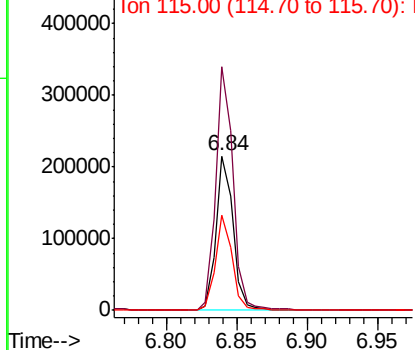
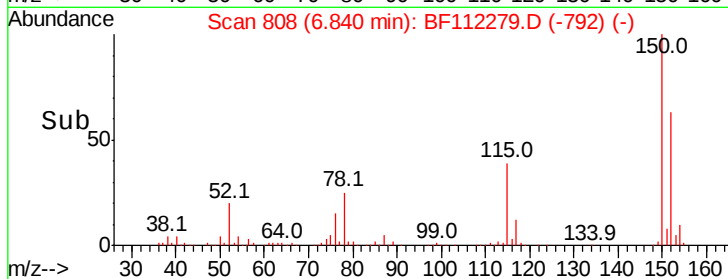
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112279.D
Acq: 28 Jan 2019 17:20

Instrument :
BNA_F
ClientSampleId :
DRUM-6

Tot Ion:152 Resp: 182209
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 61.7 45.5 68.3



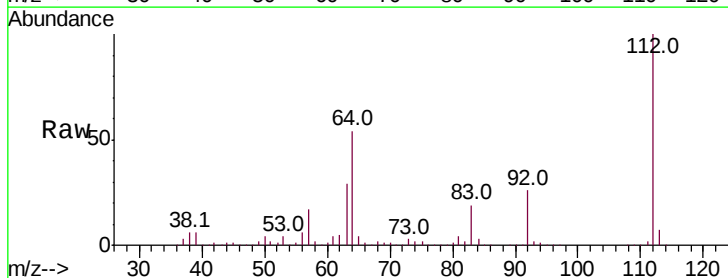
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



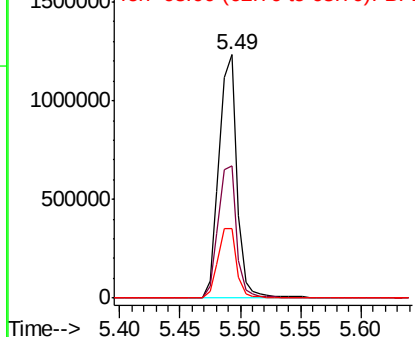
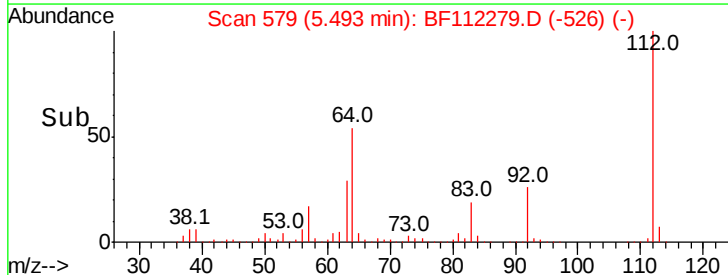
#5

2-Fluorophenol
Concen: 148.400 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF112279.D
Acq: 28 Jan 2019 17:20

Tgt Ion:112 Resp: 1273020
Ion Ratio Lower Upper
112 100
64 54.2 45.7 68.5
63 28.6 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: 119.703 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112279.D

Acq: 28 Jan 2019 17:20

Instrument :

BNA_F

ClientSampleId :

DRUM-6

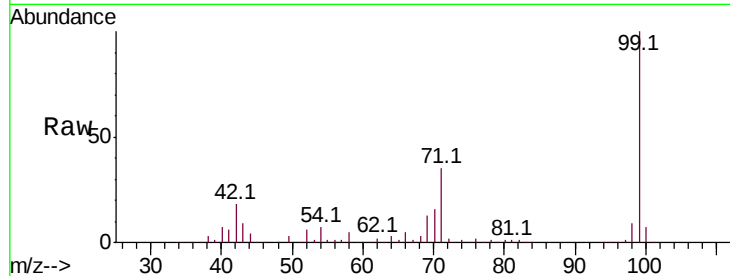
Tot Ion: 99 Resp: 1426856

Ion Ratio Lower Upper

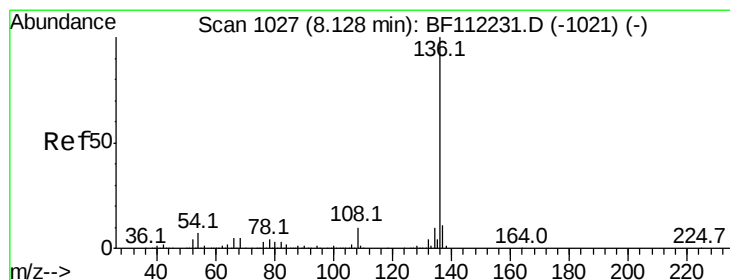
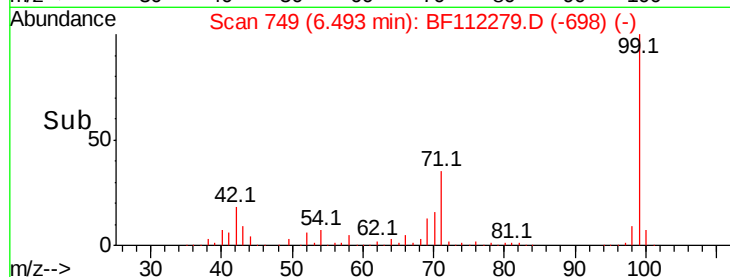
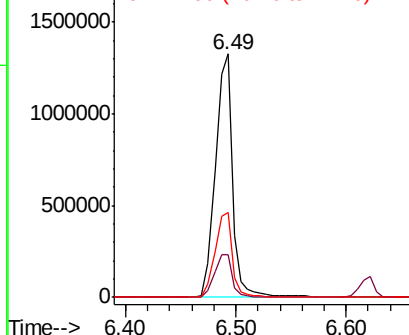
99 100

42 17.6 15.1 22.7

71 35.0 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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112279.D

Acq: 28 Jan 2019 17:20

Tgt Ion: 136 Resp: 706921

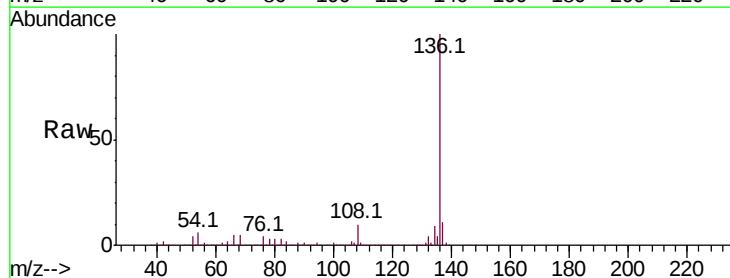
Ion Ratio Lower Upper

136 100

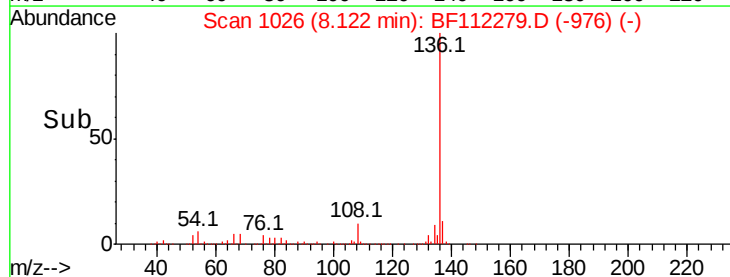
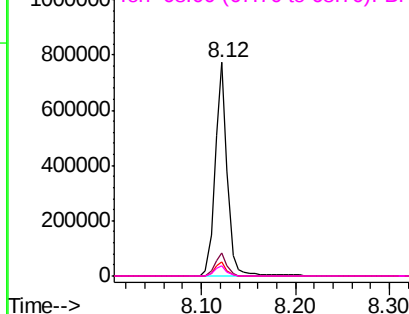
137 10.9 9.1 13.7

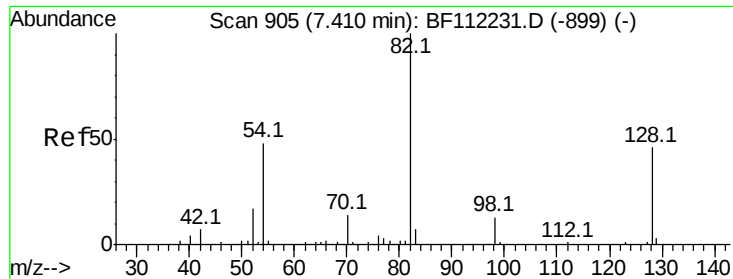
54 6.3 5.9 8.9

68 4.8 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

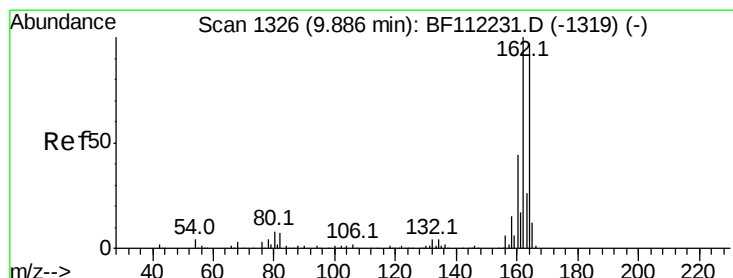
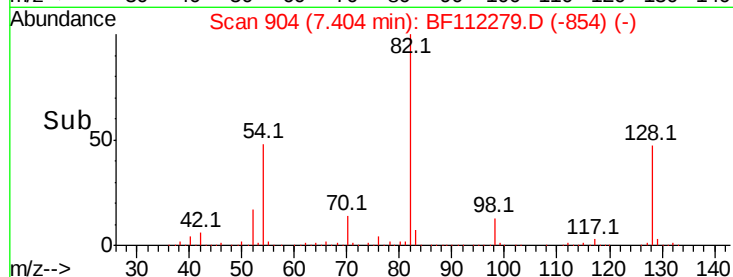
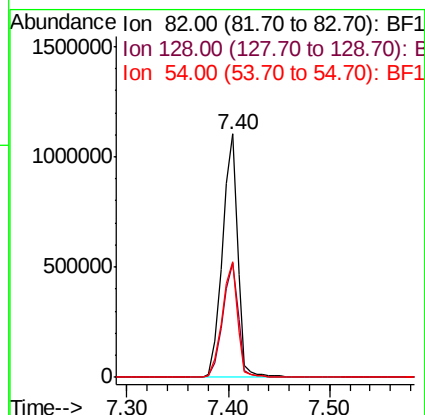
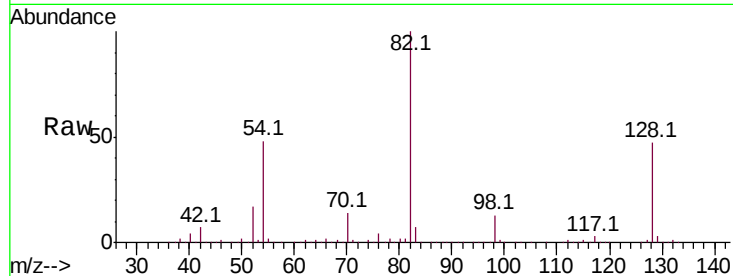




#23
 Nitrobenzene-d5
 Concen: 94.479 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112279.D
 Acq: 28 Jan 2019 17:20

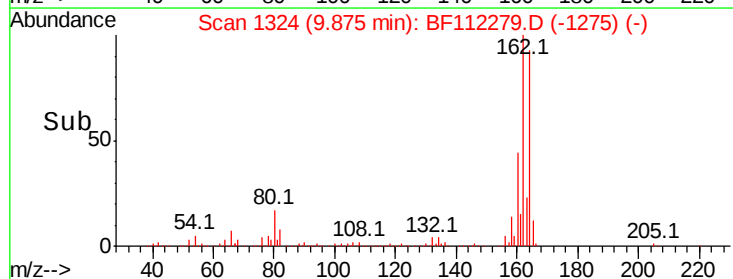
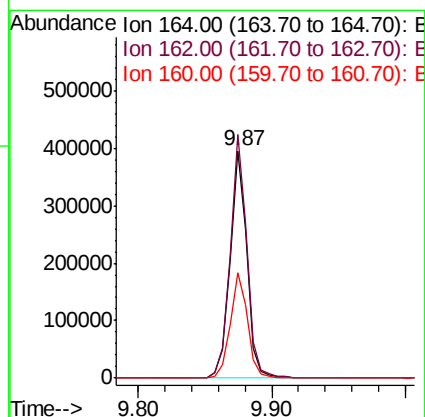
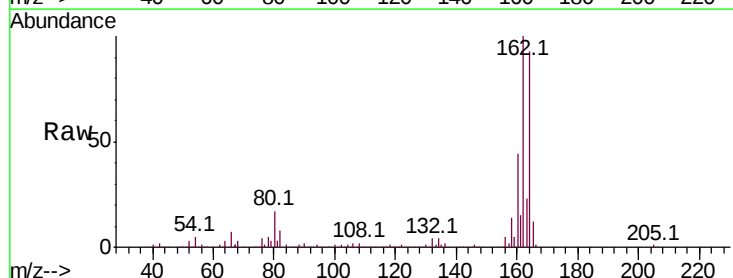
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-6

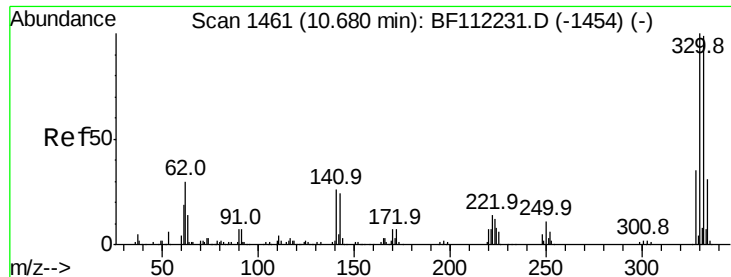
Tot Ion: 82 Resp: 1159142
 Ion Ratio Lower Upper
 82 100
 128 47.0 37.8 56.8
 54 47.6 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112279.D
 Acq: 28 Jan 2019 17:20

Tgt Ion:164 Resp: 352767
 Ion Ratio Lower Upper
 164 100
 162 107.1 82.2 123.4
 160 46.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 148.732 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112279.D

Acq: 28 Jan 2019 17:20

Instrument :

BNA_F

ClientSampleId :

DRUM-6

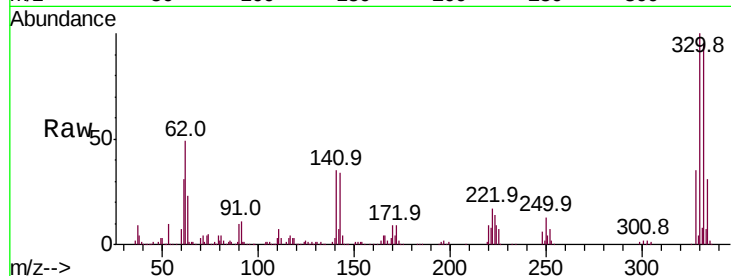
Tot Ion:330 Resp: 610709

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

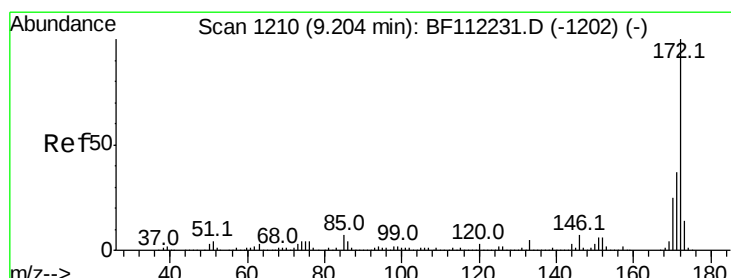
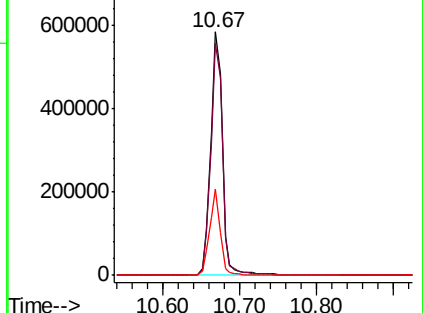
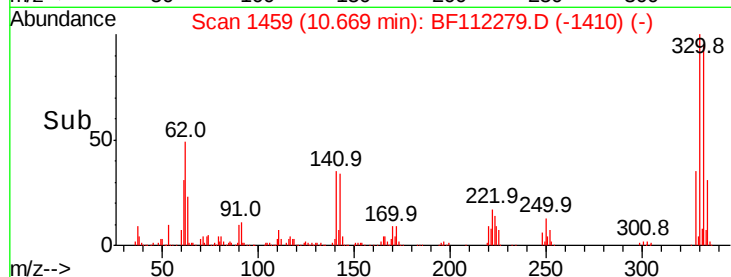
141 32.6 24.3 36.5



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: 92.355 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF112279.D

Acq: 28 Jan 2019 17:20

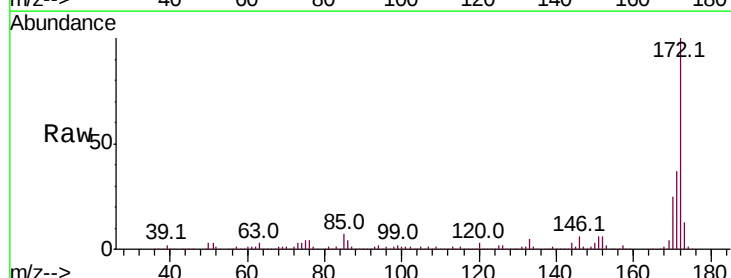
Tgt Ion:172 Resp: 2303537

Ion Ratio Lower Upper

172 100

171 37.4 30.5 45.7

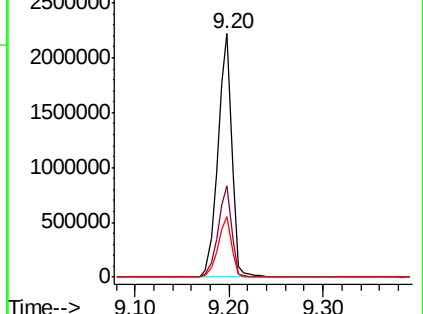
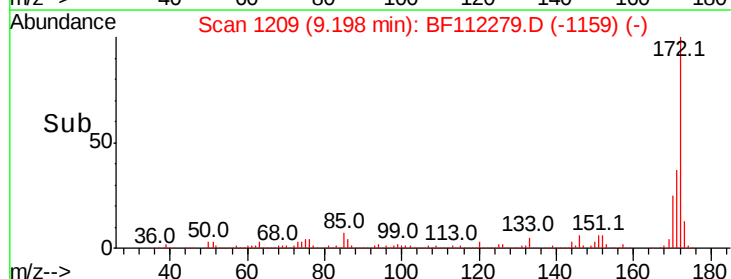
170 24.9 20.2 30.4

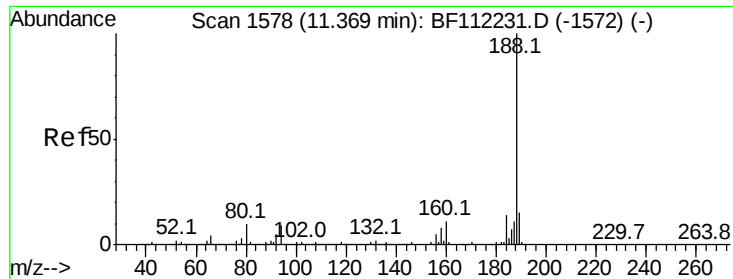


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

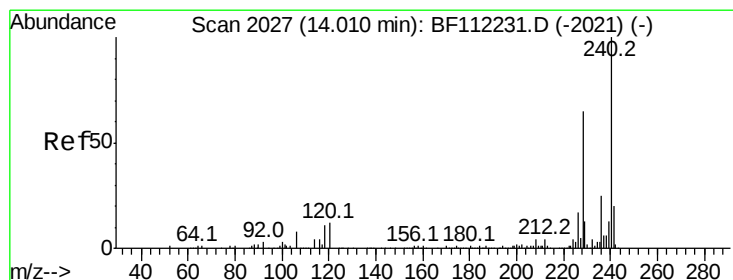
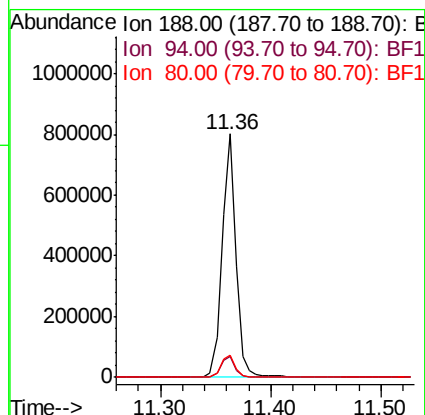
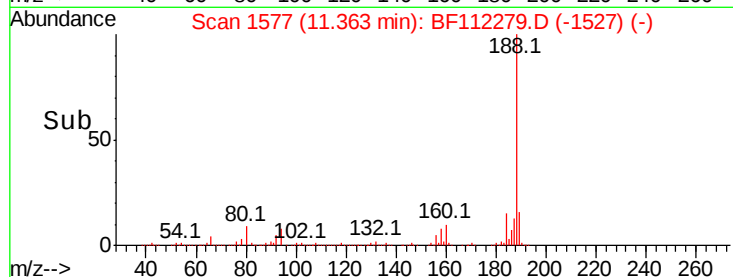
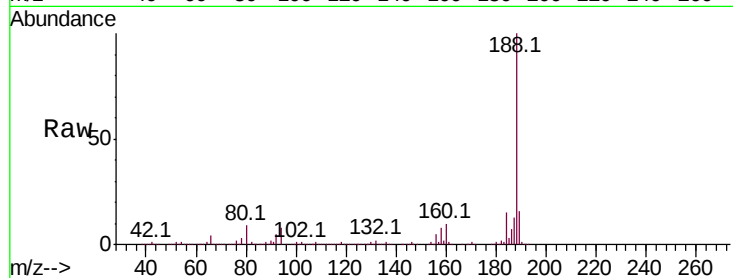




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112279.D
Acq: 28 Jan 2019 17:20

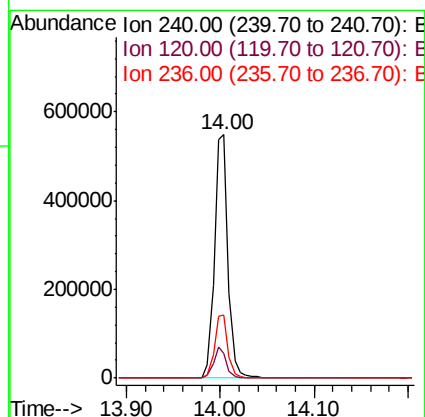
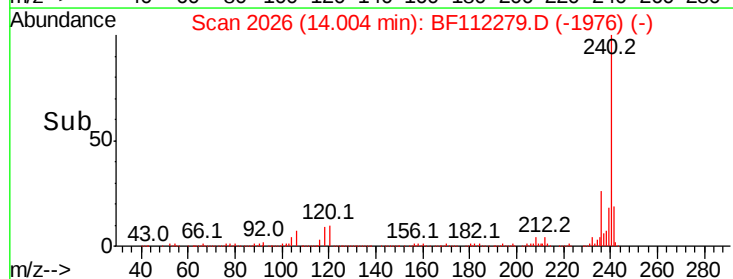
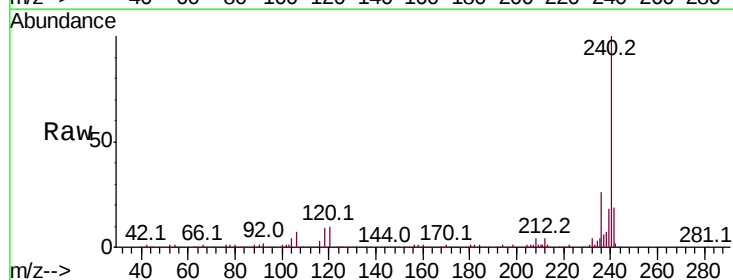
Instrument :
BNA_F
ClientSampled :
DRUM-6

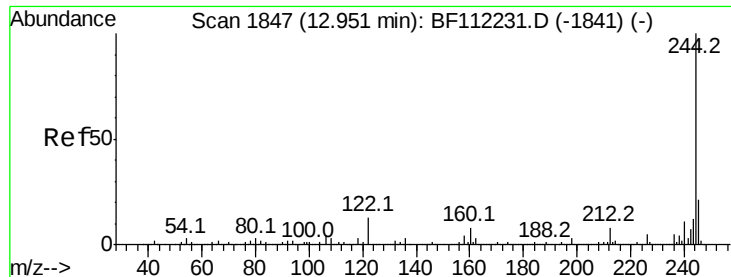
Tot Ion:188 Resp: 701201
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 9.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112279.D
Acq: 28 Jan 2019 17:20

Tgt Ion:240 Resp: 562943
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.6
236 25.7 20.7 31.1

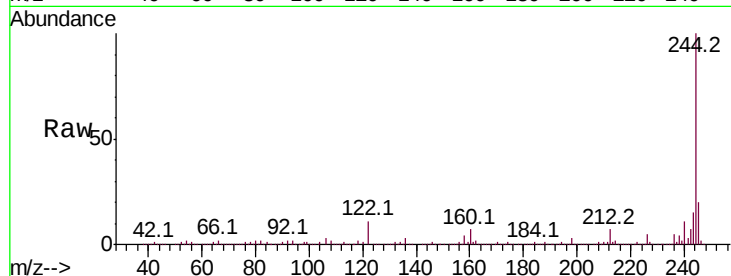




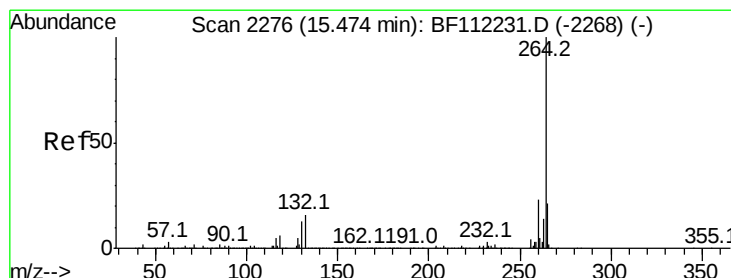
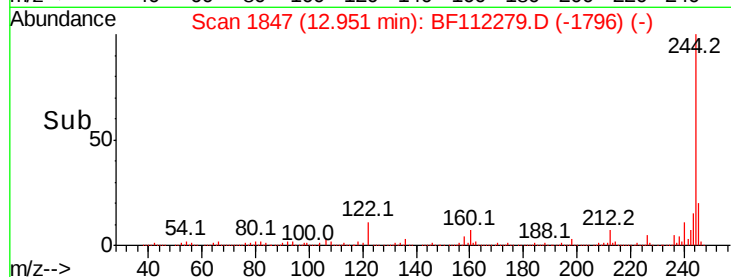
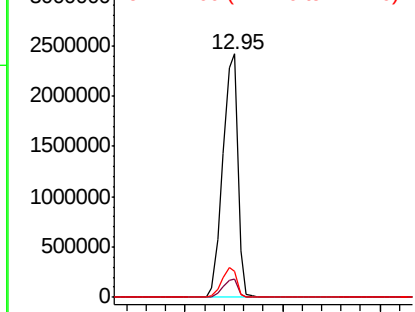
#79
 Terphenyl-d14
 Concen: 86.885 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF112279.D
 Acq: 28 Jan 2019 17:20

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-6

Tot Ion:244 Resp: 2596892
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.9 9.8 14.6

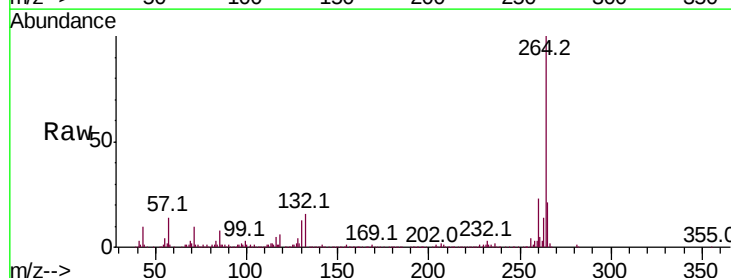


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112279.D
 Acq: 28 Jan 2019 17:20

Tgt Ion:264 Resp: 456387
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 20.8 17.0 25.4



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

