

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112242.D
 Acq On : 25 Jan 2019 20:00
 Operator : JU/SJ
 Sample : K1238-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3

Quant Time: Jan 28 00:26:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

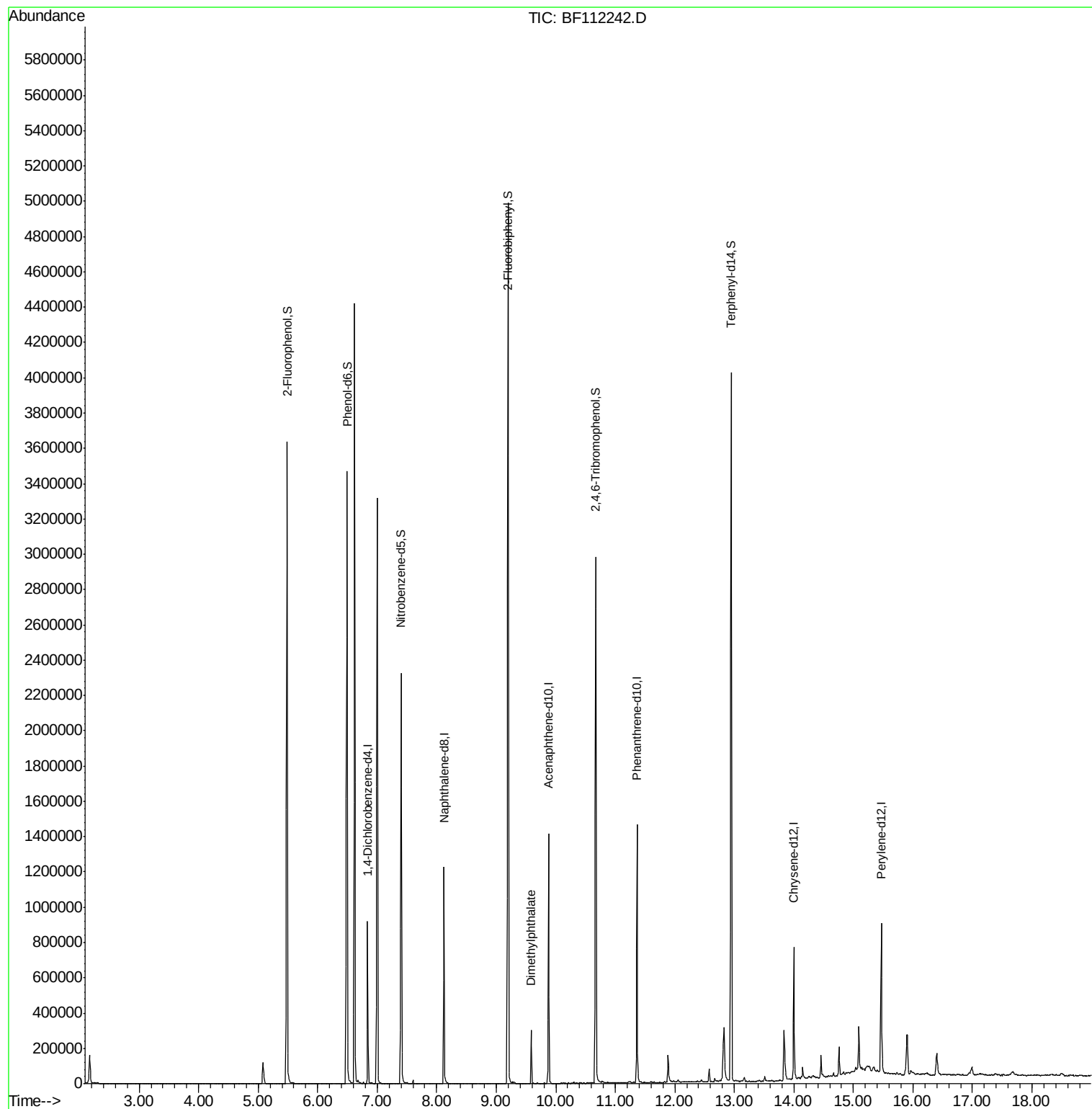
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	142773	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	569413	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	273073	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	490569	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	275723	20.00	ng	-0.01
87) Perylene-d12	15.46	264	275085	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1053926	156.79	ng	0.00
7) Phenol-d6	6.49	99	1350112	144.55	ng	-0.02
23) Nitrobenzene-d5	7.40	82	869741	88.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	404920	127.39	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1607582	83.26	ng	-0.01
79) Terphenyl-d14	12.94	244	1348840	92.14	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	121049	5.705	ng	Qvalue 98

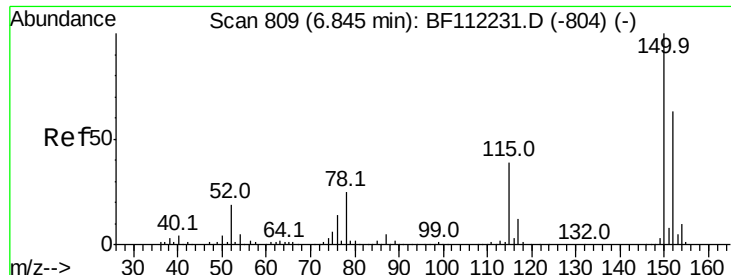
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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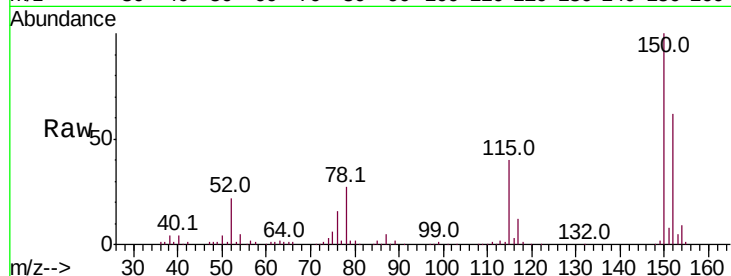


#1

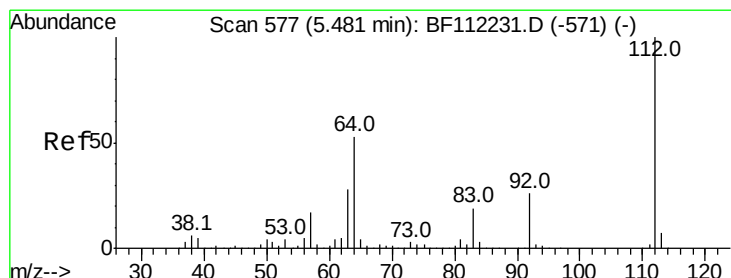
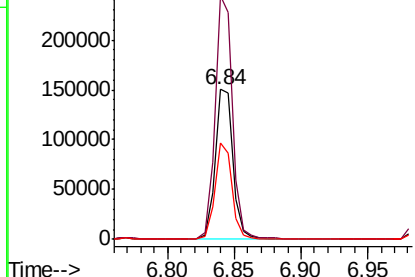
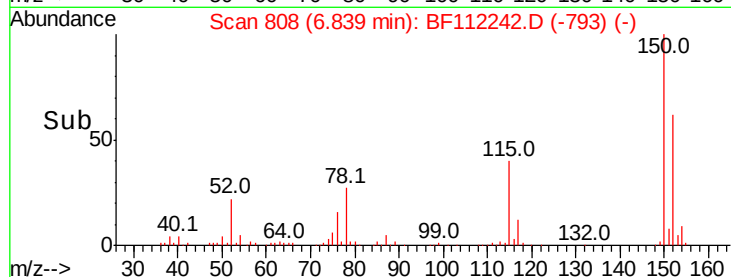
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112242.D
Acq: 25 Jan 2019 20:00

Instrument :
BNA_F
ClientSampled :
S3

Tot Ion:152 Resp: 142773
Ion Ratio Lower Upper
152 100
150 162.2 127.4 191.0
115 64.3 45.5 68.3



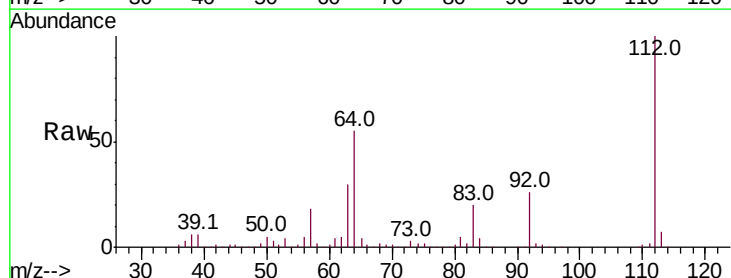
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



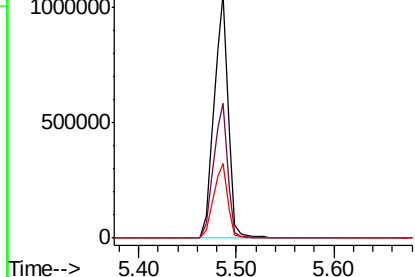
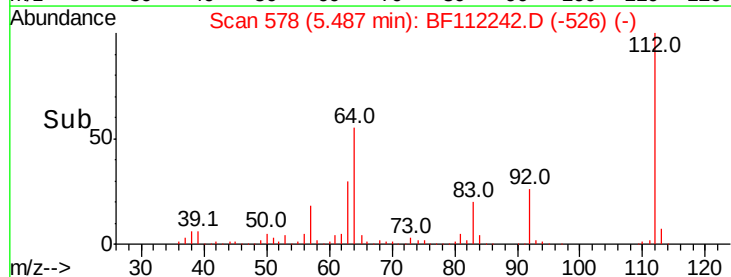
#5

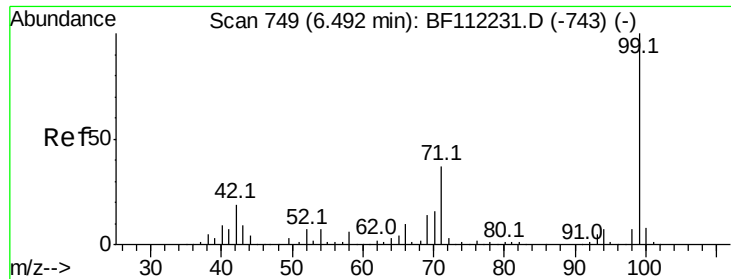
2-Fluorophenol
Concen: 156.795 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112242.D
Acq: 25 Jan 2019 20:00

Tgt Ion:112 Resp: 1053926
Ion Ratio Lower Upper
112 100
64 55.2 45.7 68.5
63 30.5 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: 144.550 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112242.D

Acq: 25 Jan 2019 20:00

Instrument :

BNA_F

ClientSampleId :

S3

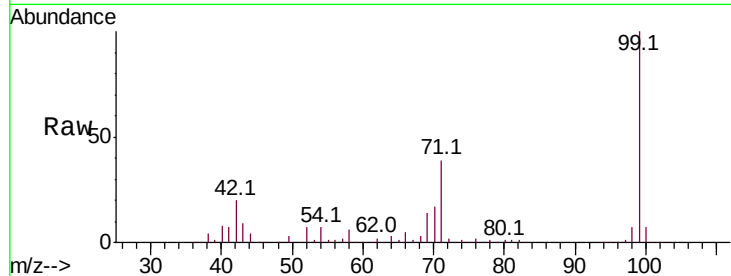
Tot Ion: 99 Resp: 1350112

Ion Ratio Lower Upper

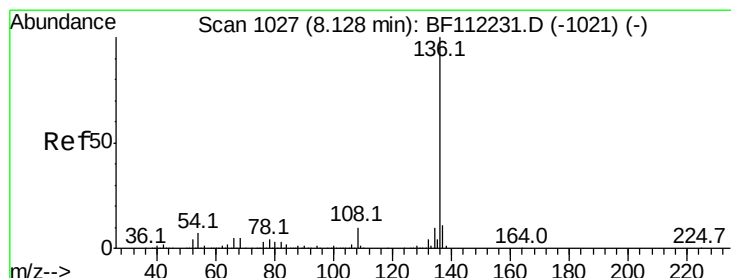
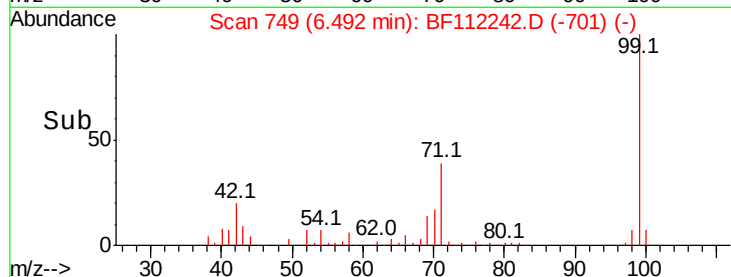
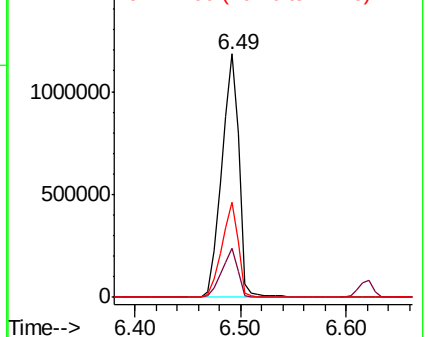
99 100

42 19.9 15.1 22.7

71 39.2 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: BF112242.D

Acq: 25 Jan 2019 20:00

Tgt Ion: 136 Resp: 569413

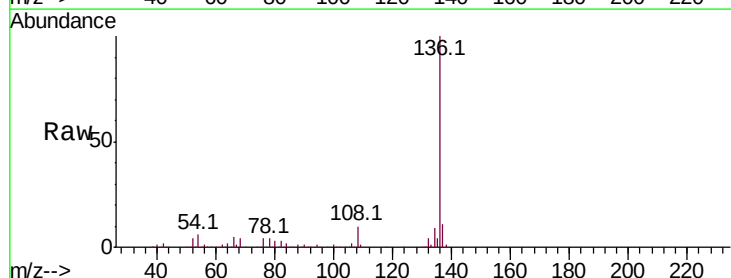
Ion Ratio Lower Upper

136 100

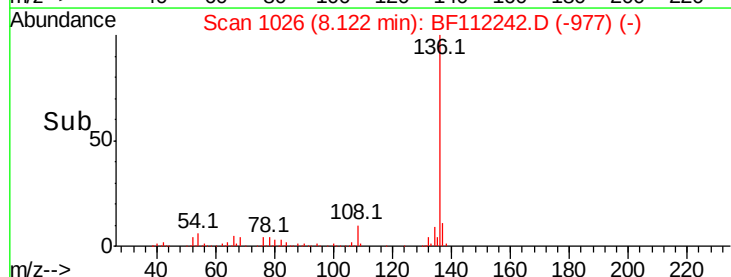
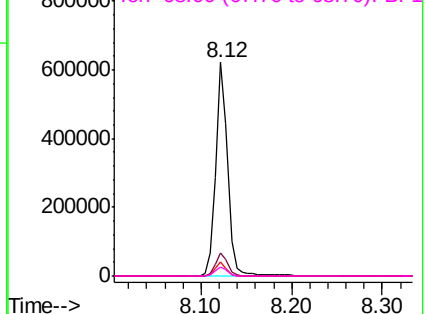
137 10.8 9.1 13.7

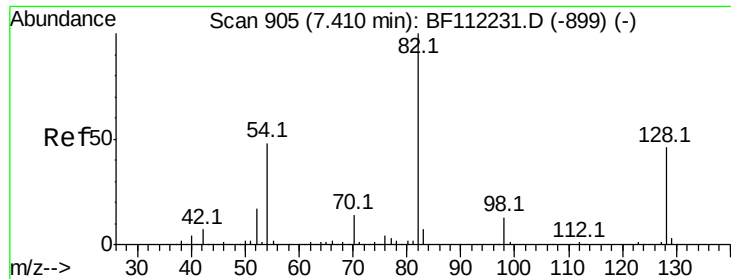
54 6.4 5.9 8.9

68 4.5 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

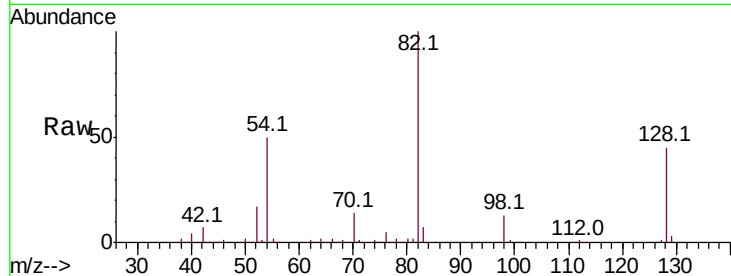




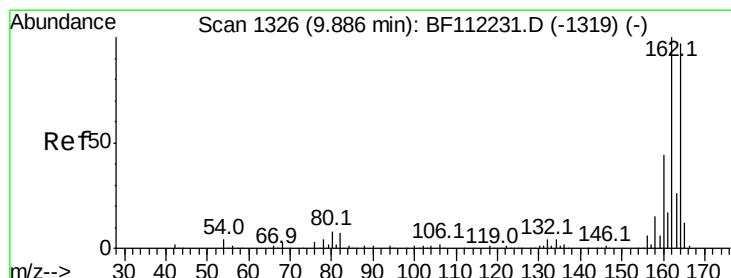
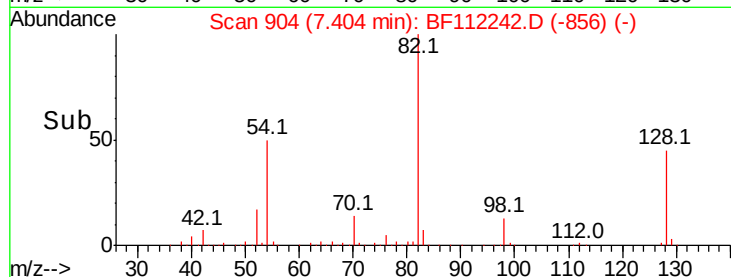
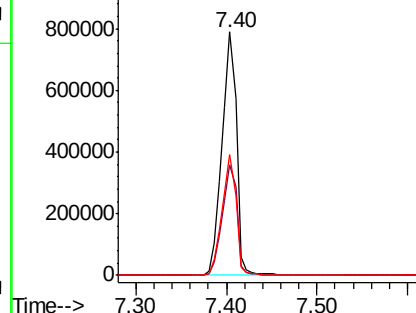
#23
 Nitrobenzene-d5
 Concen: 88.010 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF112242.D
 Acq: 25 Jan 2019 20:00

Instrument :
 BNA_F
 ClientSampleId :
 S3

Tot Ion: 82 Resp: 869741
 Ion Ratio Lower Upper
 82 100
 128 45.2 37.8 56.8
 54 49.6 39.7 59.5

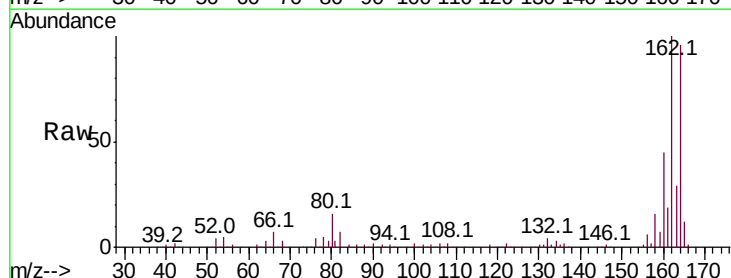


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

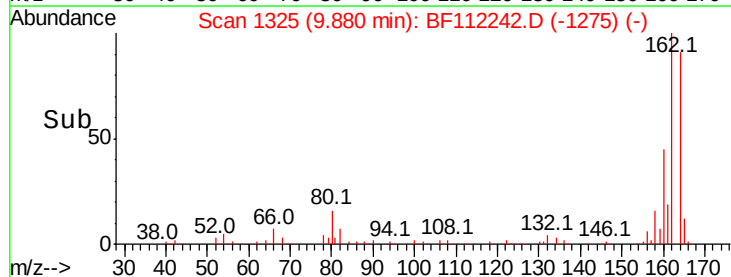
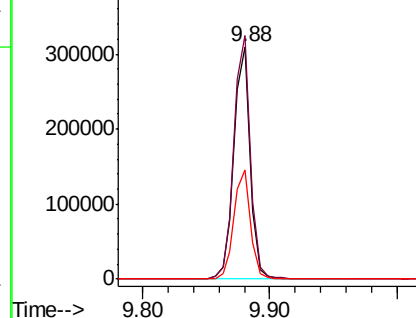


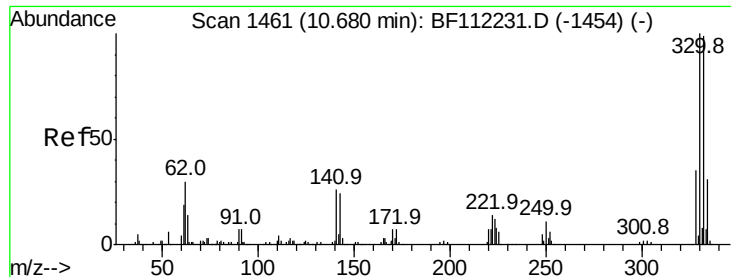
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF112242.D
 Acq: 25 Jan 2019 20:00

Tgt Ion: 164 Resp: 273073
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.2 123.4
 160 47.2 36.2 54.4



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: 127.394 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF112242.D

Acq: 25 Jan 2019 20:00

Instrument :

BNA_F

ClientSampled :

S3

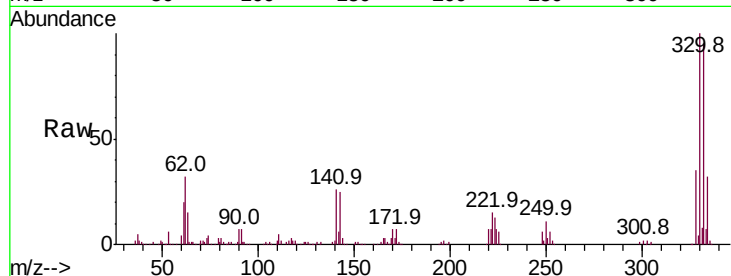
Tot Ion:330 Resp: 404920

Ion Ratio Lower Upper

330 100

332 94.3 76.6 114.8

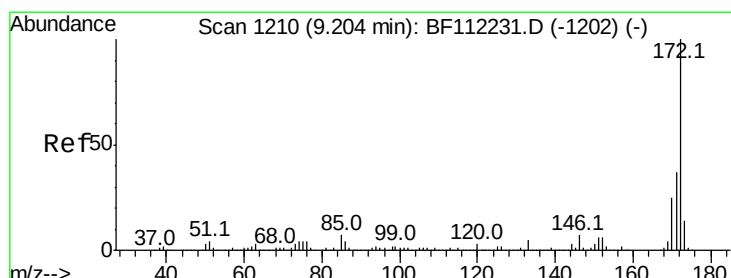
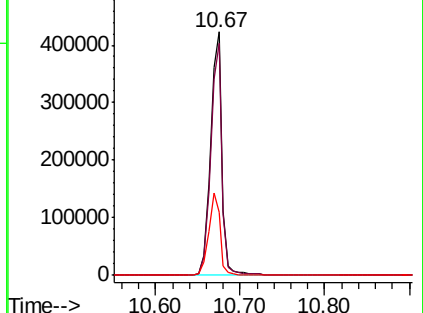
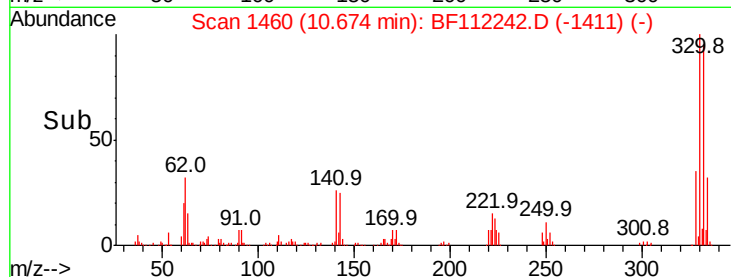
141 33.8 24.3 36.5



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: 83.262 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF112242.D

Acq: 25 Jan 2019 20:00

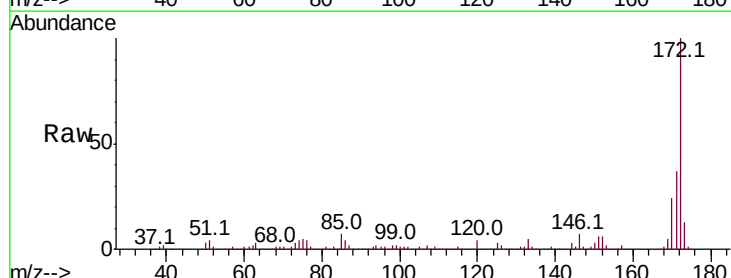
Tgt Ion:172 Resp: 1607582

Ion Ratio Lower Upper

172 100

171 36.7 30.5 45.7

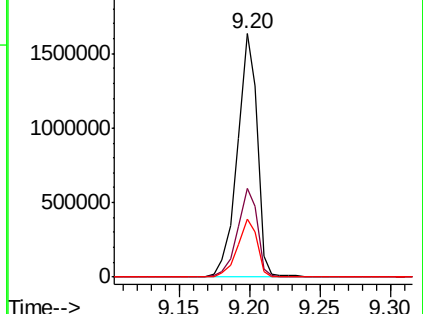
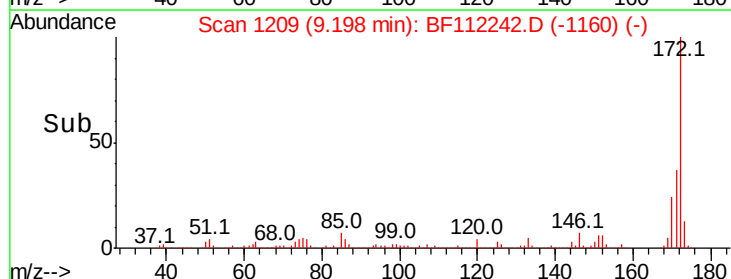
170 24.0 20.2 30.4

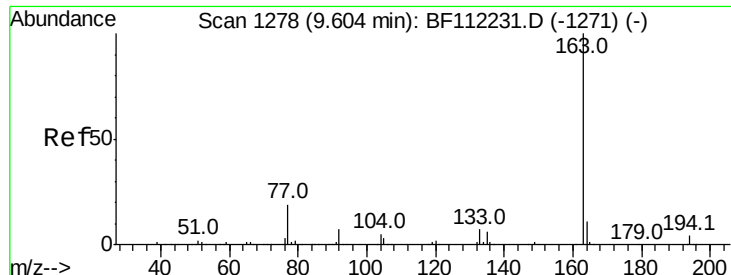


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.705 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BF112242.D

Acq: 25 Jan 2019 20:00

Instrument :

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ClientSampleId :

S3

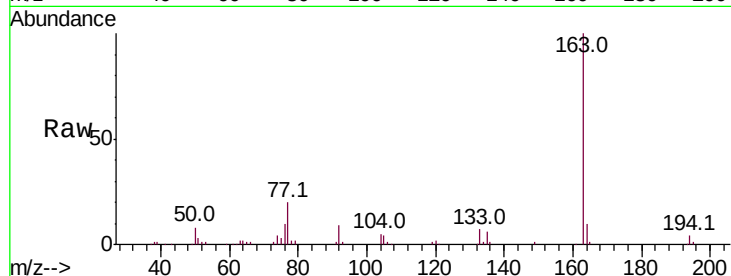
Tot Ion:163 Resp: 121049

Ion Ratio Lower Upper

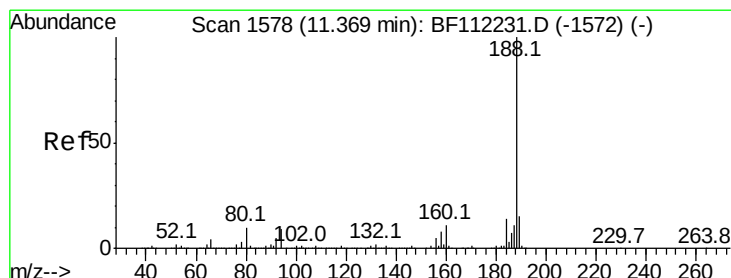
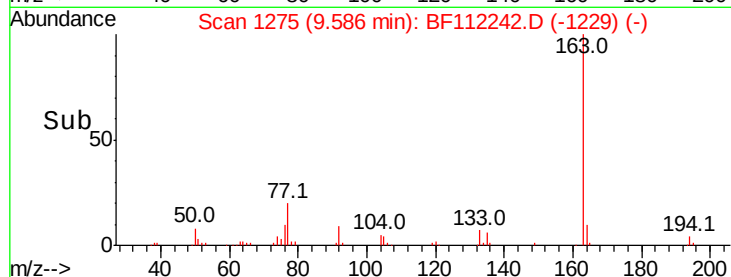
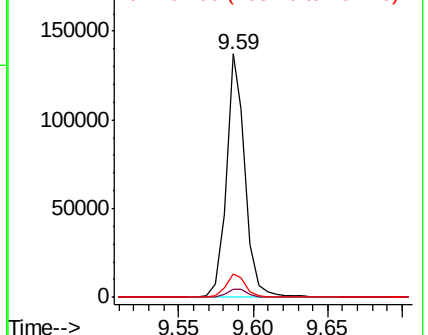
163 100

194 3.5 3.3 4.9

164 9.7 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112242.D

Acq: 25 Jan 2019 20:00

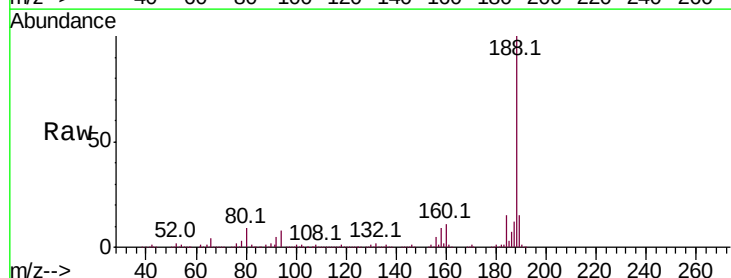
Tgt Ion:188 Resp: 490569

Ion Ratio Lower Upper

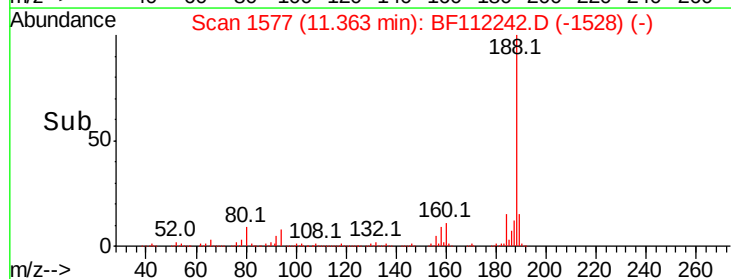
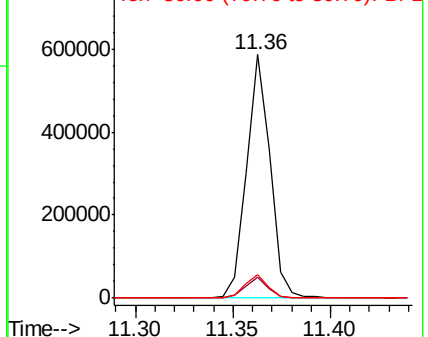
188 100

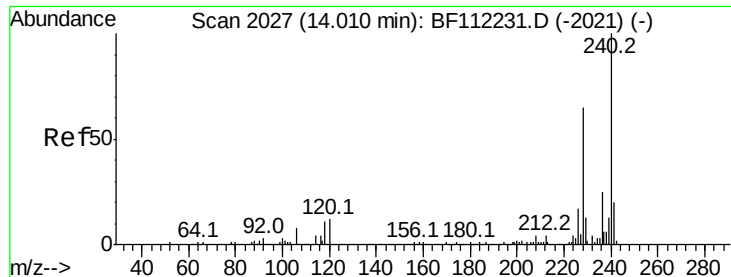
94 8.5 8.2 12.2

80 9.4 8.9 13.3



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112242.D

Acq: 25 Jan 2019 20:00

Instrument :

BNA_F

ClientSampleId :

S3

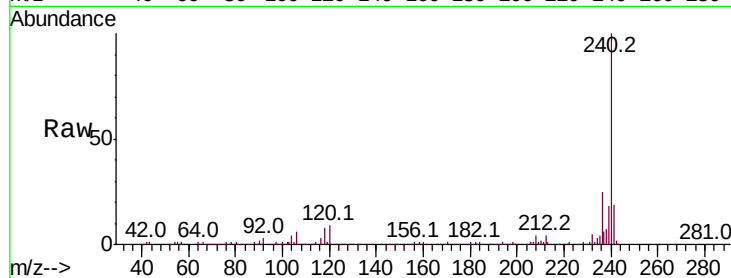
Tot Ion:240 Resp: 275723

Ion Ratio Lower Upper

240 100

120 9.3 9.0 13.6

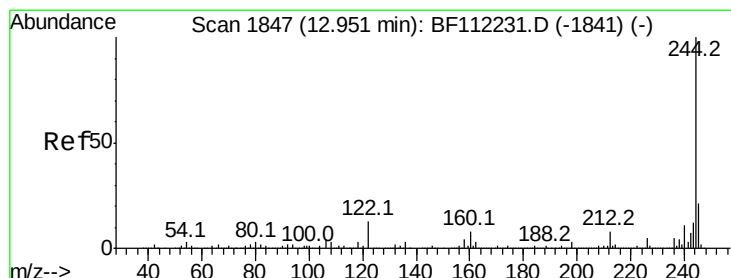
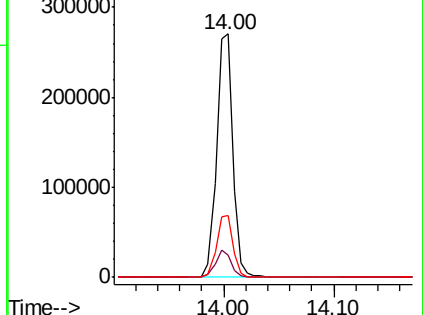
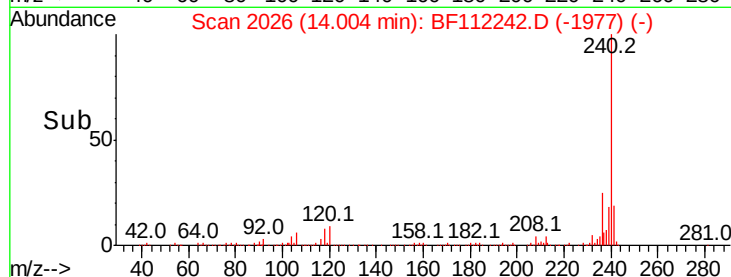
236 25.2 20.7 31.1



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: 92.138 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112242.D

Acq: 25 Jan 2019 20:00

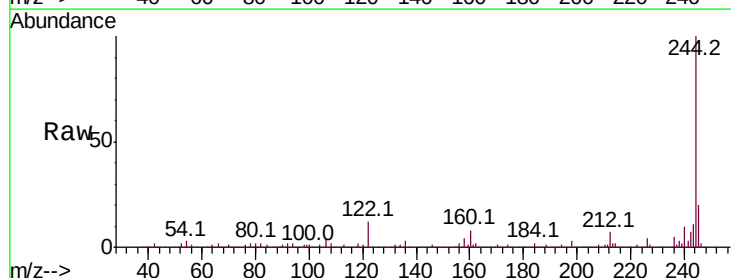
Tgt Ion:244 Resp: 1348840

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

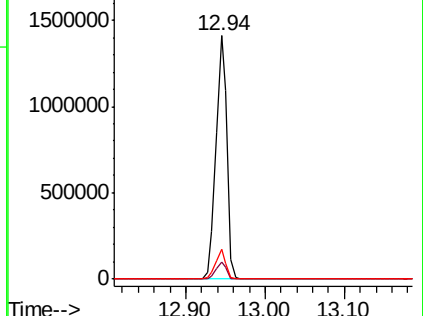
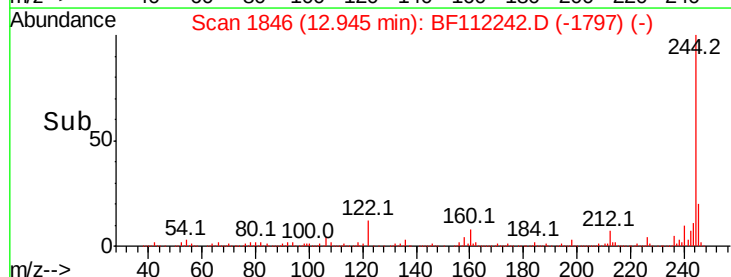
122 12.0 9.8 14.6

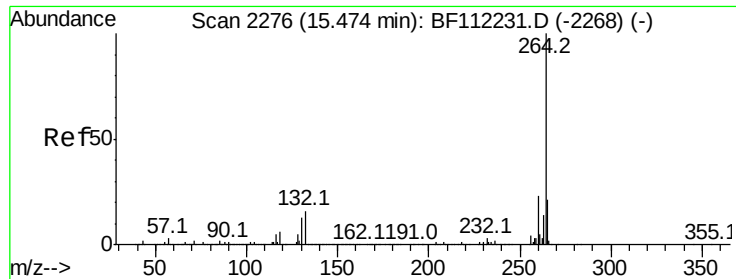


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112242.D
Acq: 25 Jan 2019 20:00

Instrument :
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ClientSampleId :
S3

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	20.8	17.0	25.4

