

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112531.D
 Acq On : 13 Feb 2019 11:37
 Operator : JU/SJ
 Sample : K1462-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Quant Time: Feb 14 06:11:48 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

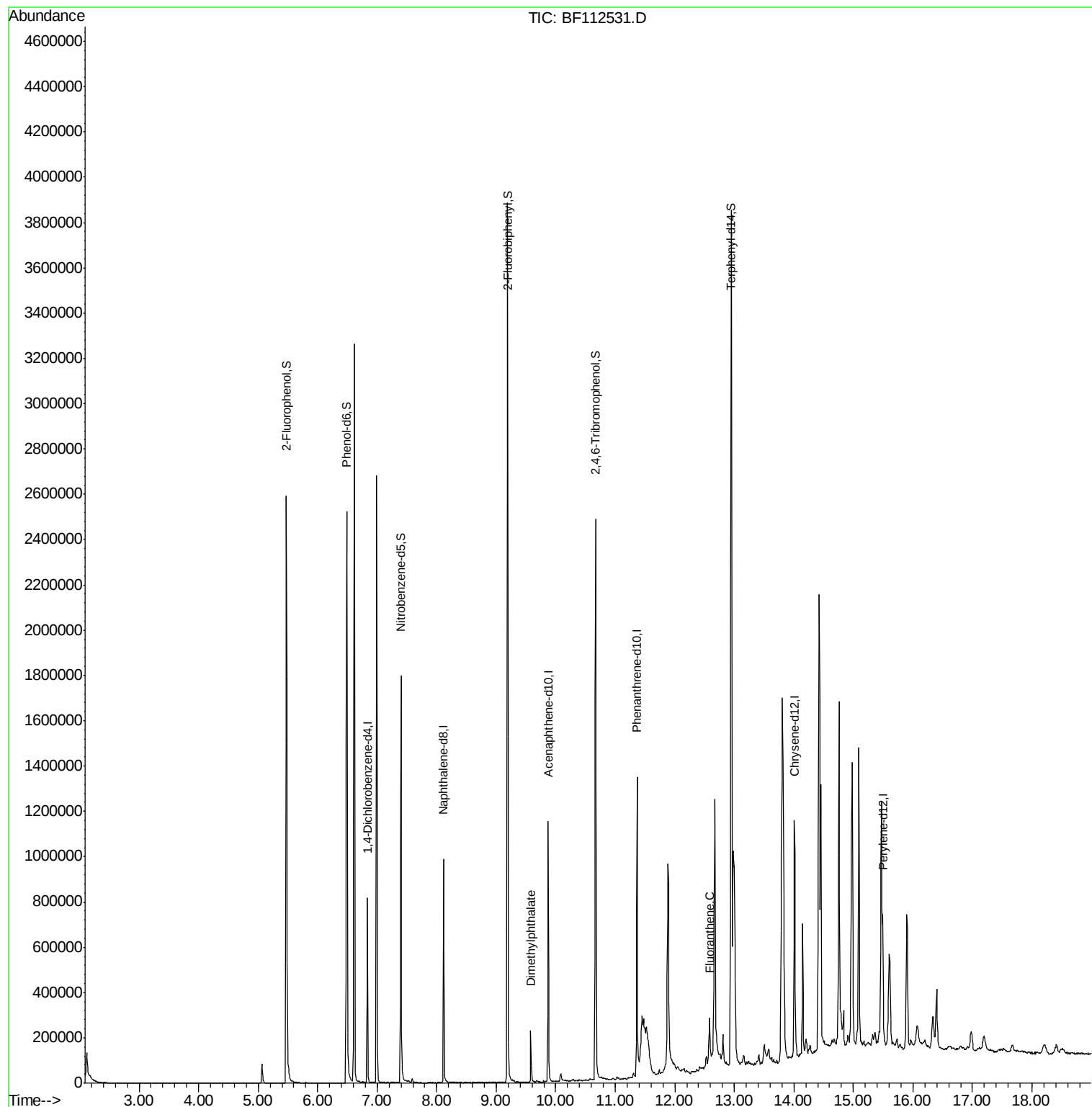
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	117291	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	454758	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	231814	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	463255	20.00	ng	0.00
76) Chrysene-d12	14.01	240	354309	20.00	ng	0.00
87) Perylene-d12	15.49	264	259100	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	776018	140.53	ng	0.00
7) Phenol-d6	6.49	99	979832	127.70	ng	0.00
23) Nitrobenzene-d5	7.40	82	615399	77.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	314954	116.73	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1200035	73.22	ng	-0.01
79) Terphenyl-d14	12.95	244	1329881	70.69	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	107925	5.992	ng	98
75) Fluoranthene	12.58	202	51799	2.005	ng	99

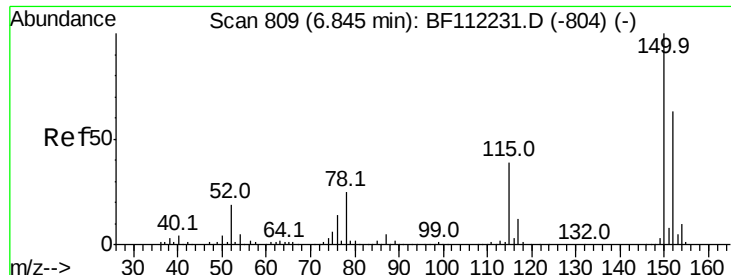
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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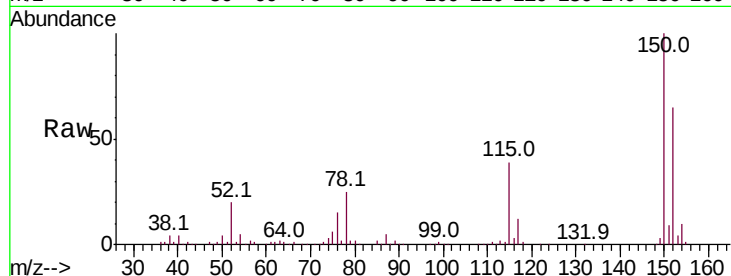


#1

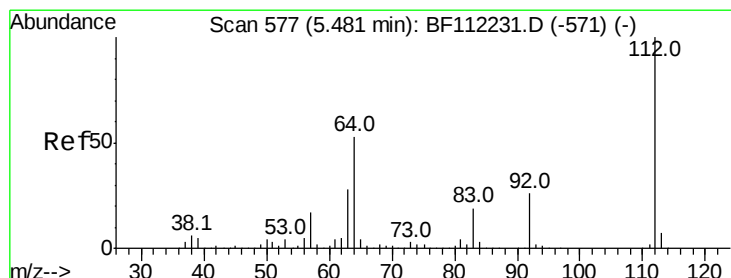
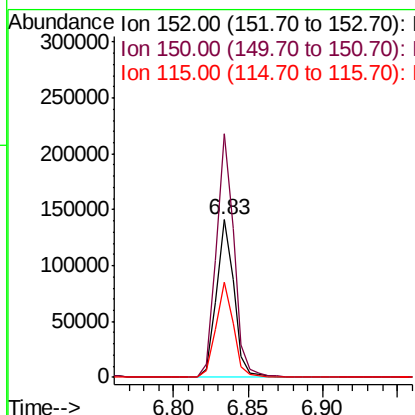
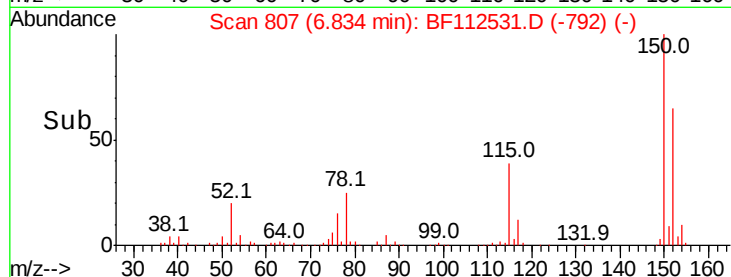
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion:152 Resp: 117291
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.0
115 59.9 45.5 68.3



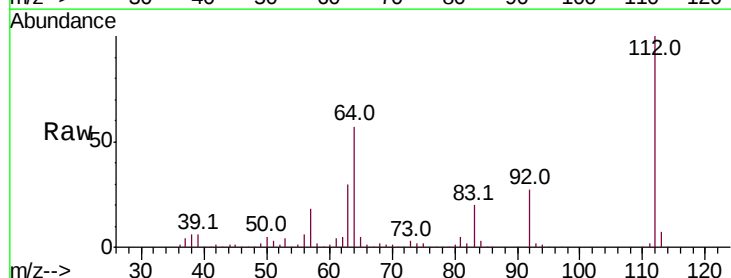
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



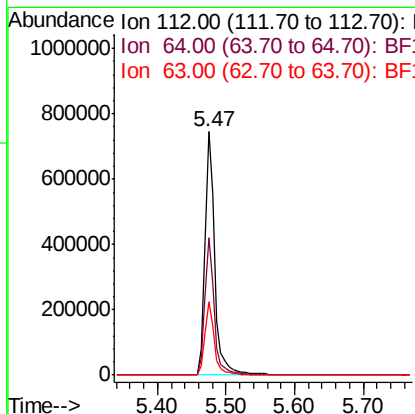
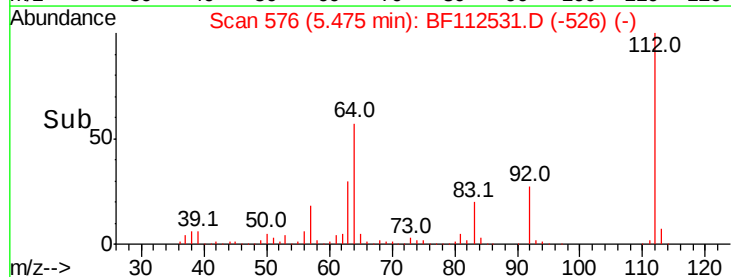
#5

2-Fluorophenol
Concen: 140.532 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Tgt Ion:112 Resp: 776018
Ion Ratio Lower Upper
112 100
64 56.6 45.7 68.5
63 30.2 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: 127.697 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Instrument :

BNA_F

ClientSampleId :

TP-1-S

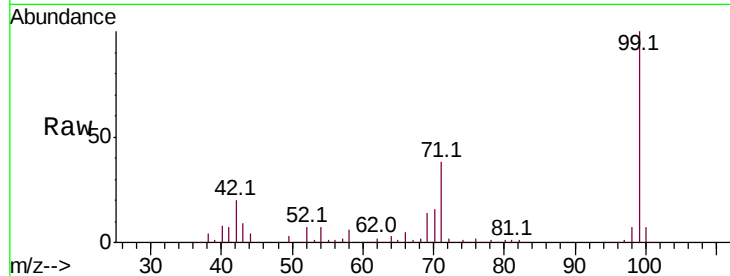
Tot Ion: 99 Resp: 979832

Ion Ratio Lower Upper

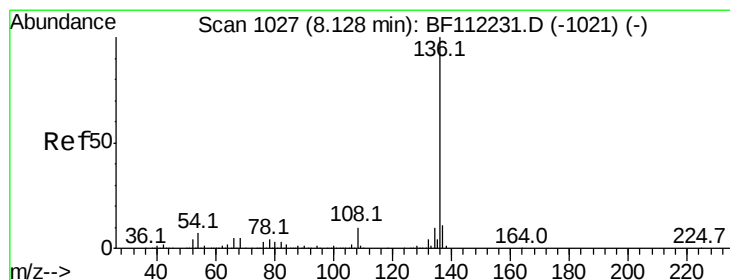
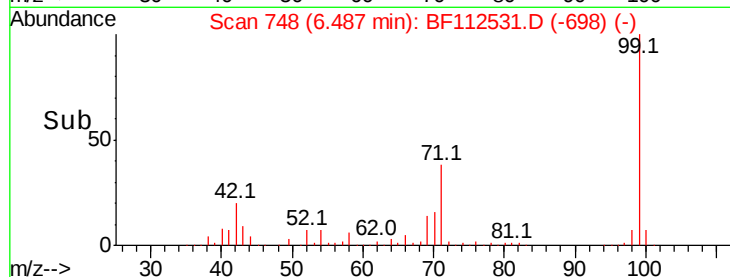
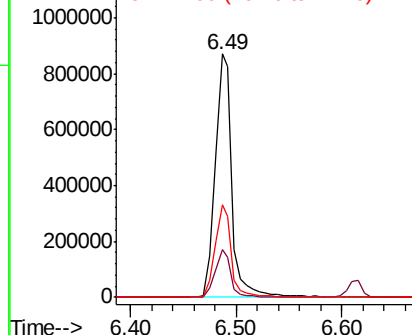
99 100

42 19.7 15.1 22.7

71 38.0 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# 1025

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Tgt Ion: 136 Resp: 454758

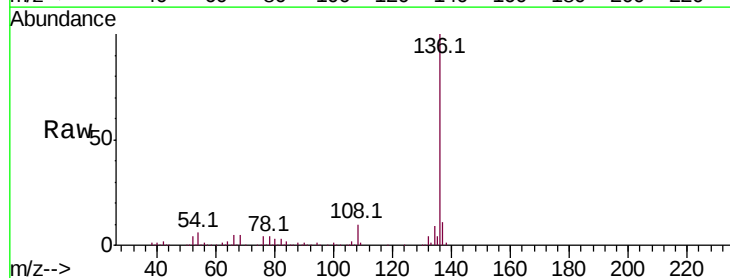
Ion Ratio Lower Upper

136 100

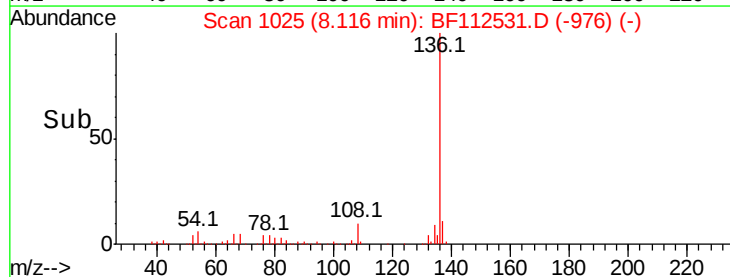
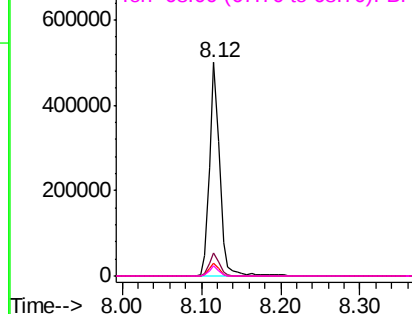
137 11.0 9.1 13.7

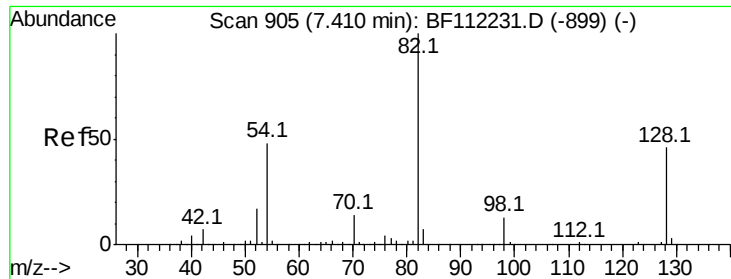
54 6.0 5.9 8.9

68 5.1 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

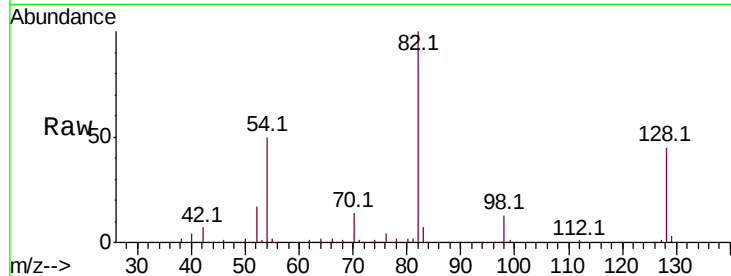




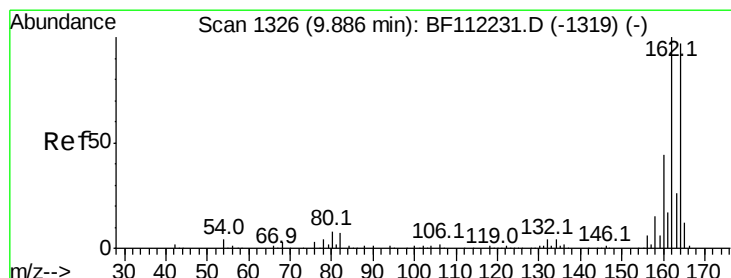
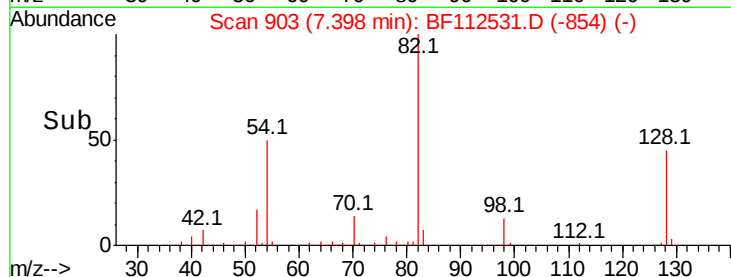
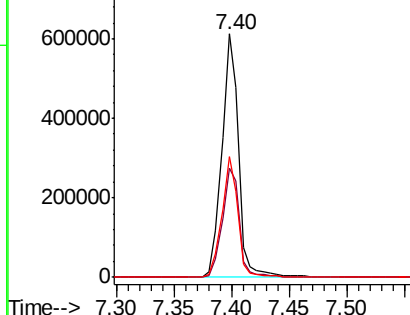
#23
Nitrobenzene-d5
Concen: 77.974 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.8	56.8
54	49.7	39.7	59.5

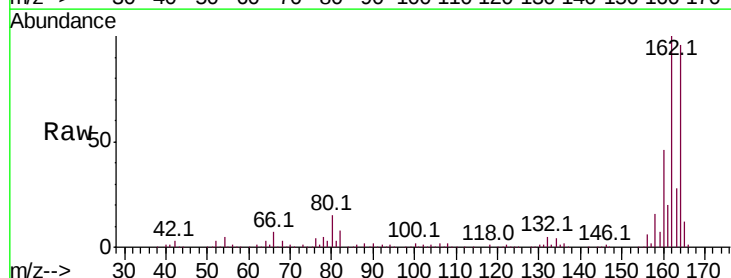


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

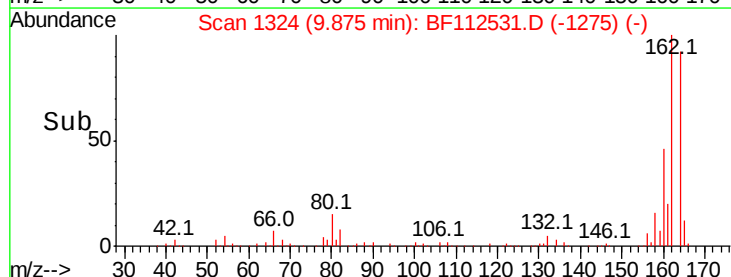
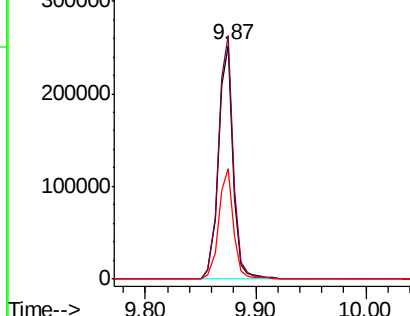


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.4
160	47.6	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

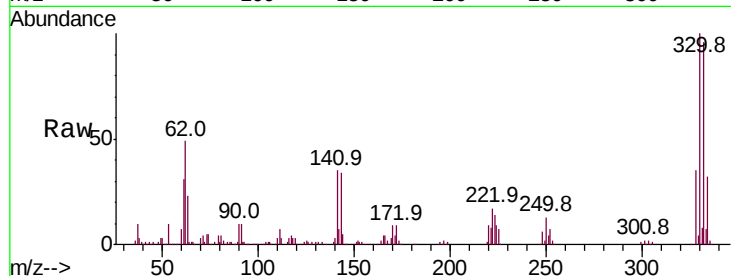




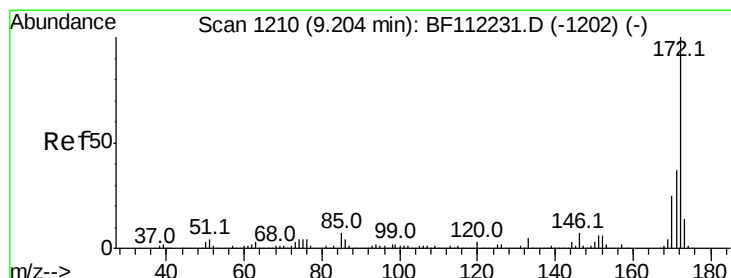
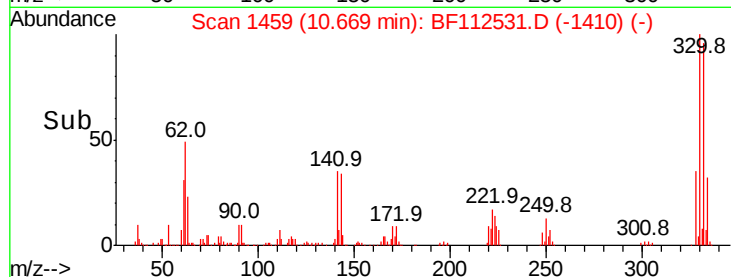
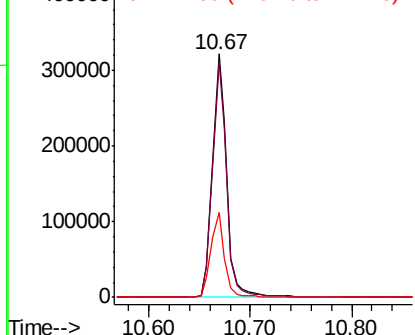
#42
 2,4,6-Tribromophenol
 Concen: 116.725 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tot Ion:330 Resp: 314954
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 34.3 24.3 36.5

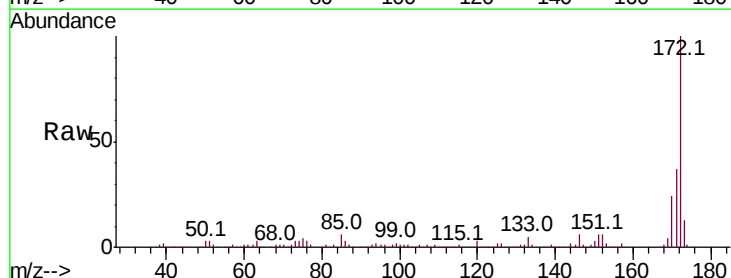


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

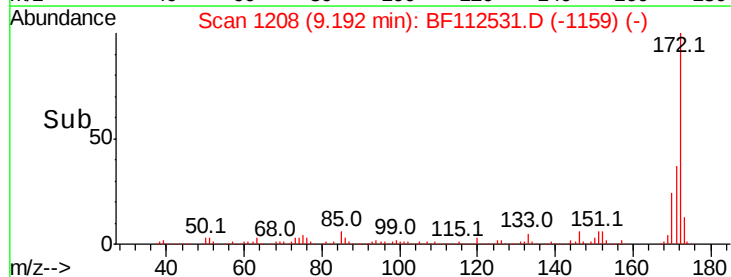
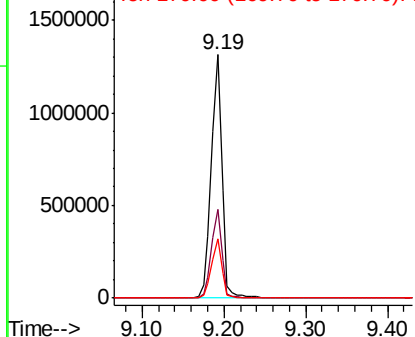


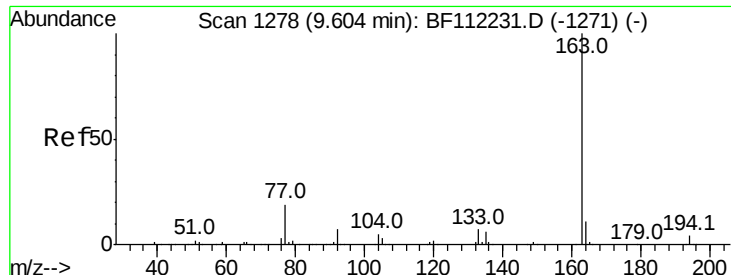
#45
 2-Fluorobiphenyl
 Concen: 73.216 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

Tgt Ion:172 Resp: 1200035
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.5 45.7
 170 24.2 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

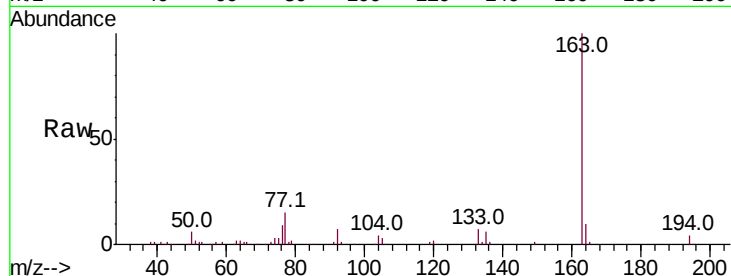




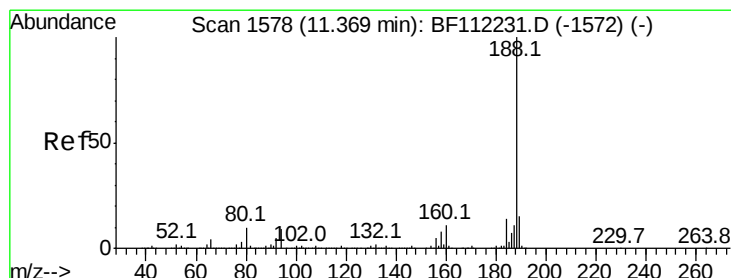
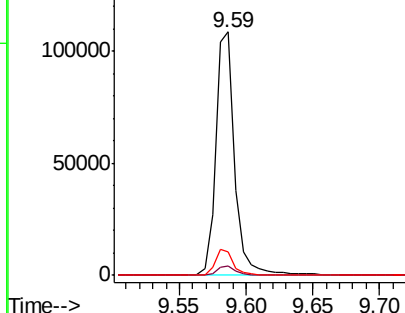
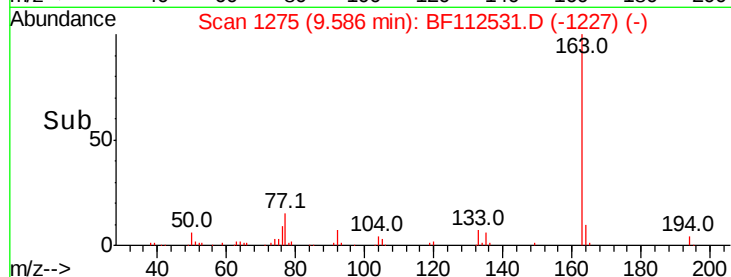
#50
Dimethylphthalate
Concen: 5.992 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Instrument :
BNA_F
ClientSampled :
TP-1-S

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.3	4.9
164	9.8	8.5	12.7

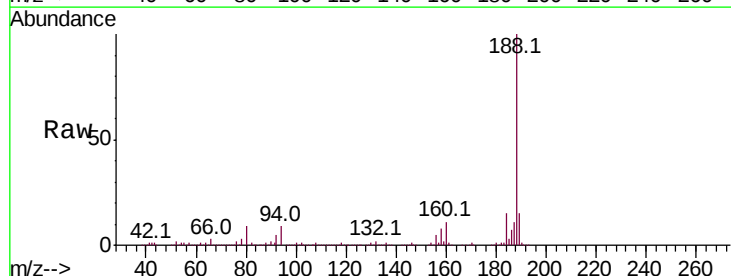


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

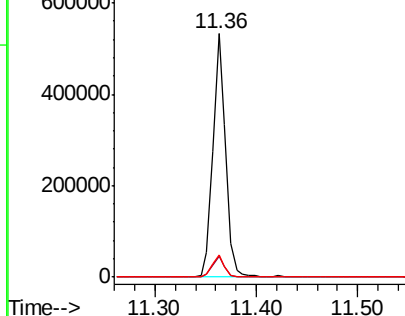
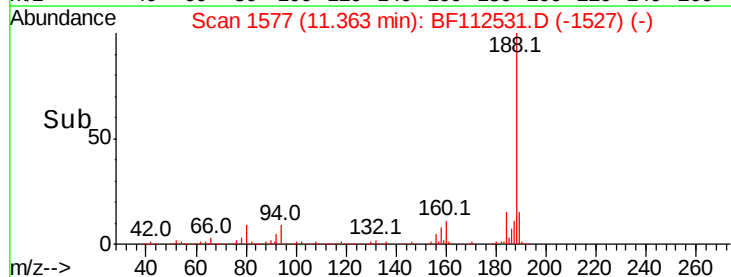


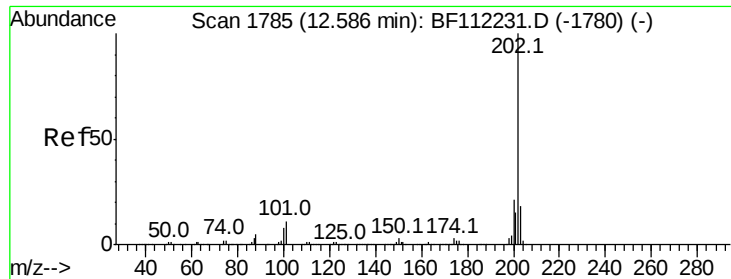
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.3	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





#75

Fluoranthene

Concen: 2.005 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Instrument :

BNA_F

ClientSampleId :

TP-1-S

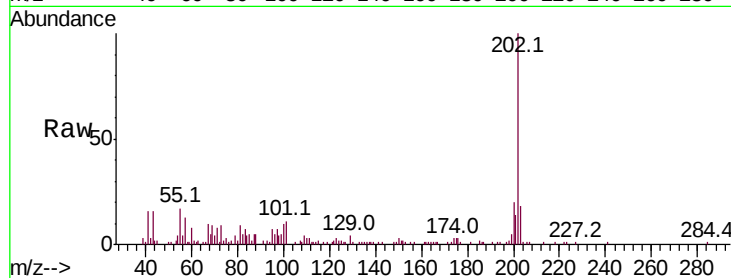
Tot Ion:202 Resp: 51799

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.8

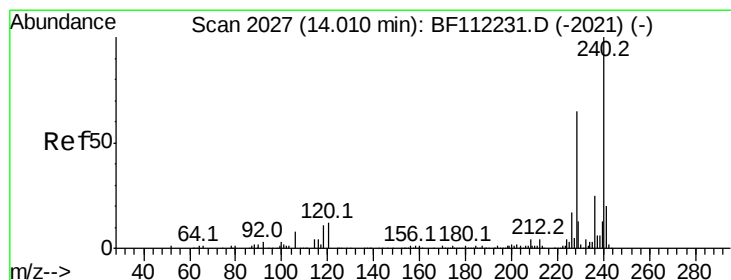
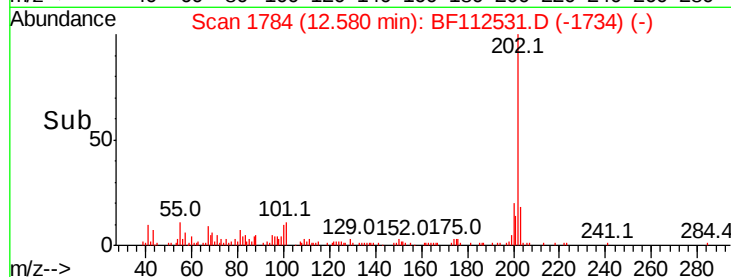
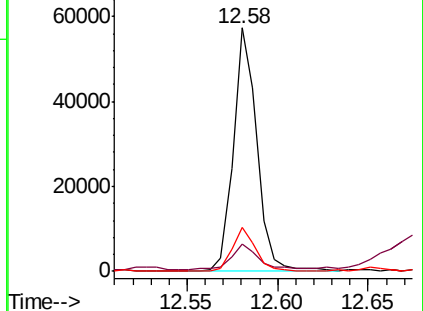
203 17.9 0.0 38.4



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: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

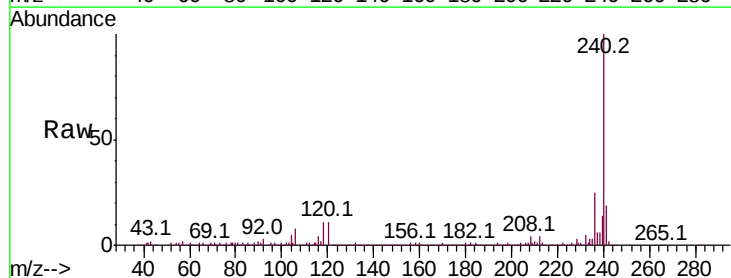
Tgt Ion:240 Resp: 354309

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

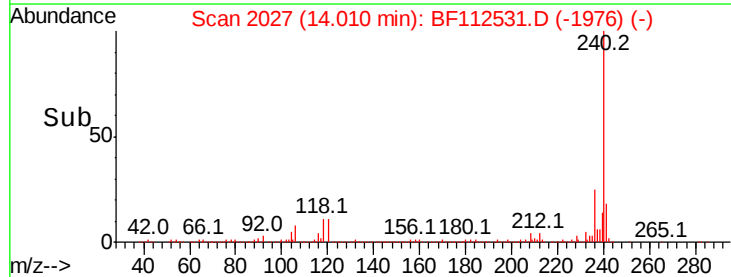
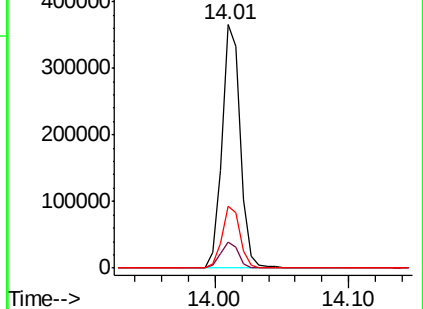
236 25.4 20.7 31.1

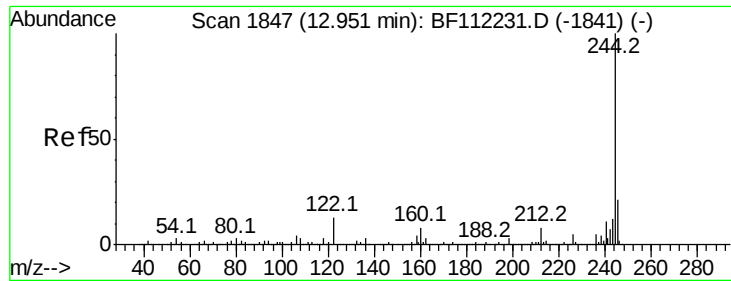


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.694 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Instrument :

BNA_F

ClientSampleId :

TP-1-S

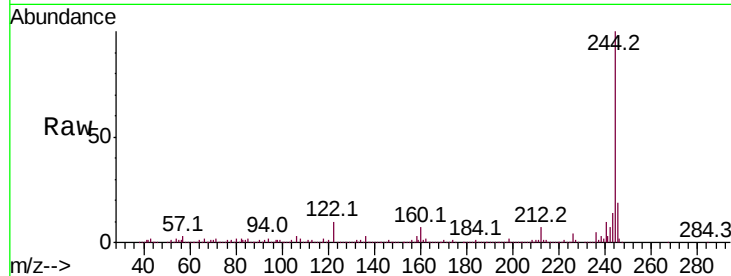
Tot Ion:244 Resp: 1329881

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

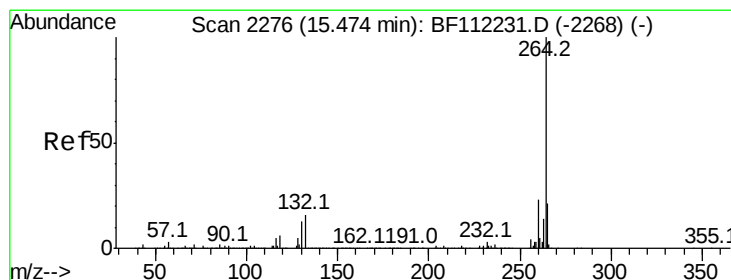
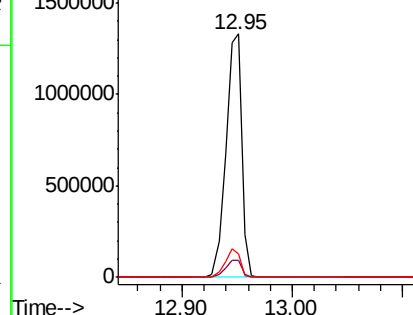
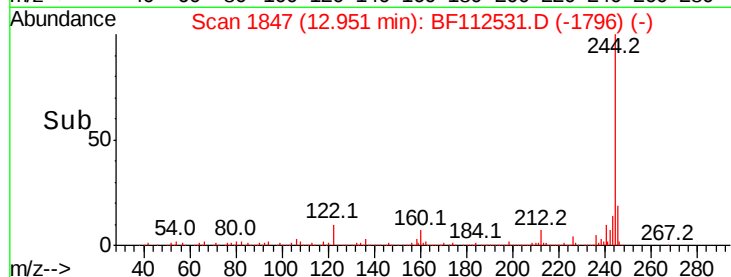
122 9.7 9.8 14.6#



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: 15.49 min Scan# 2279

Delta R.T. 0.02 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

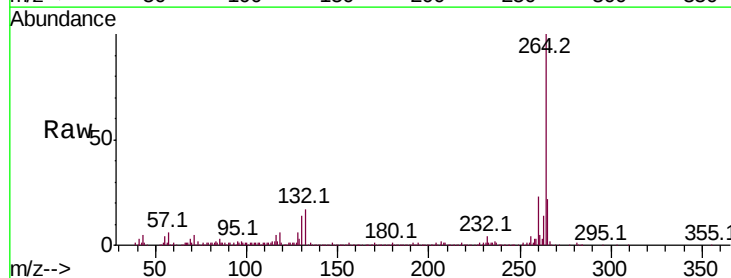
Tgt Ion:264 Resp: 259100

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

265 22.4 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

