

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114432.D
 Acq On : 20 May 2019 12:20
 Operator : JU/SJ
 Sample : K2943-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-5

Quant Time: May 21 11:23:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

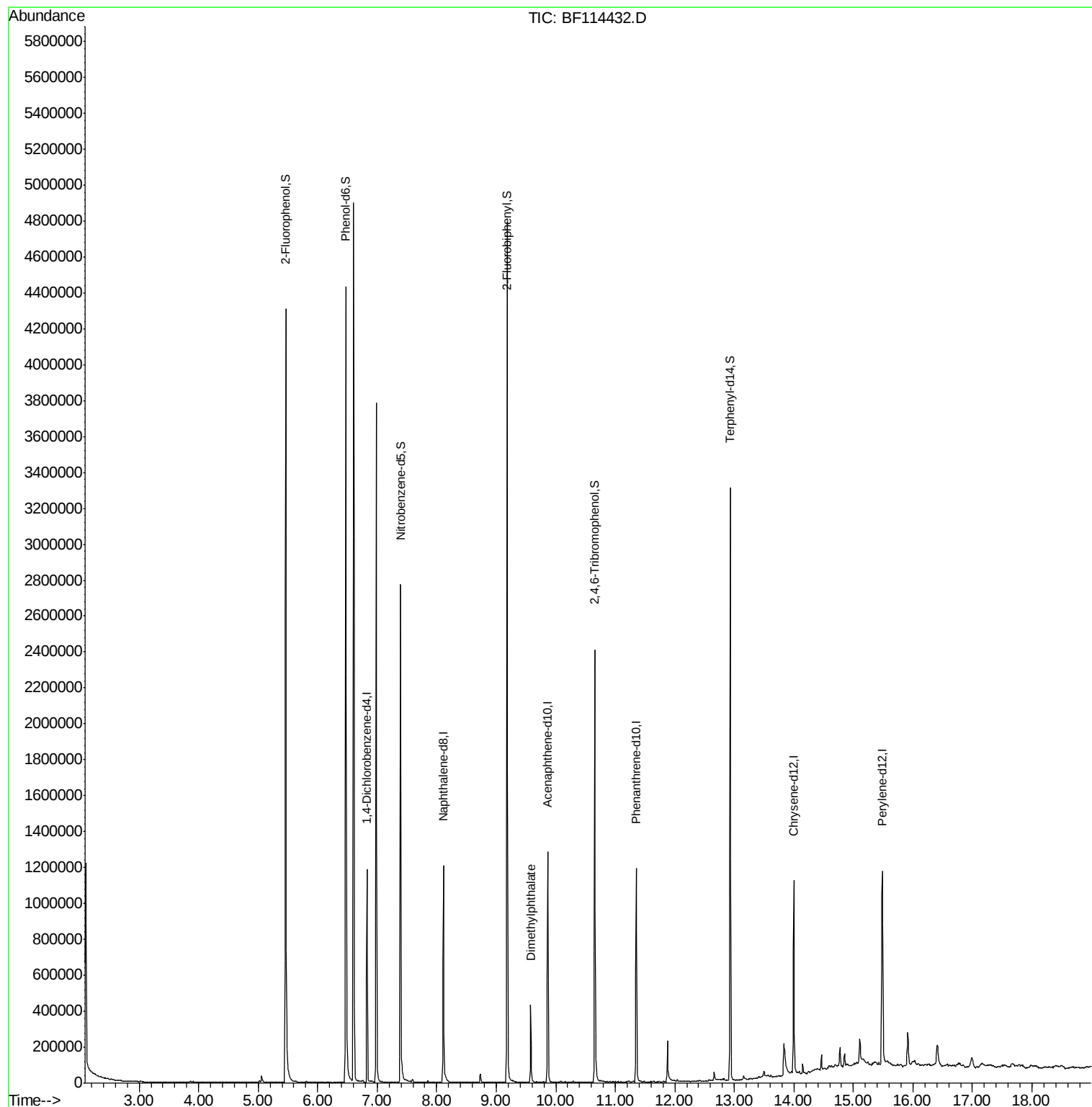
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	167268	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	618922	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	263192	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	469733	20.00	ng	0.00
76) Chrysene-d12	14.00	240	356699	20.00	ng	0.00
87) Perylene-d12	15.49	264	467571	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1204024	115.84	ng	0.00
7) Phenol-d6	6.47	99	1556523	126.61	ng	-0.01
23) Nitrobenzene-d5	7.39	82	936999	84.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	307770	113.11	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1505990	86.56	ng	0.00
79) Terphenyl-d14	12.93	244	1163261	67.23	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	190514	9.861	ng	Qvalue 98

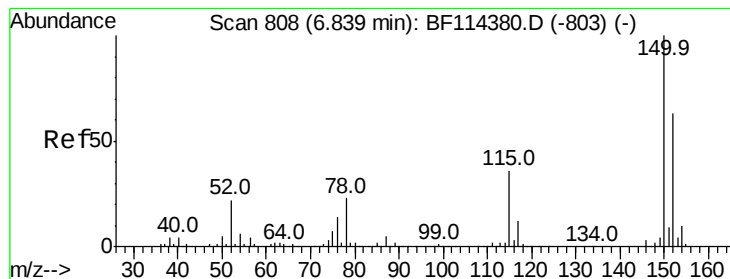
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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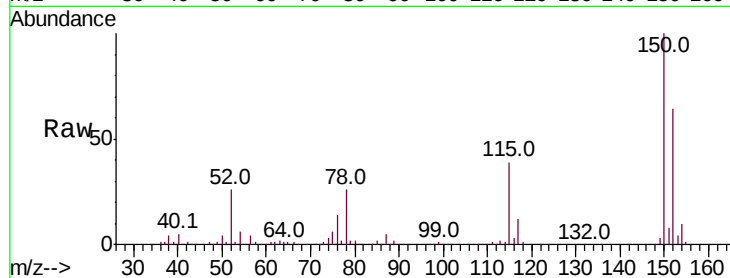


#1

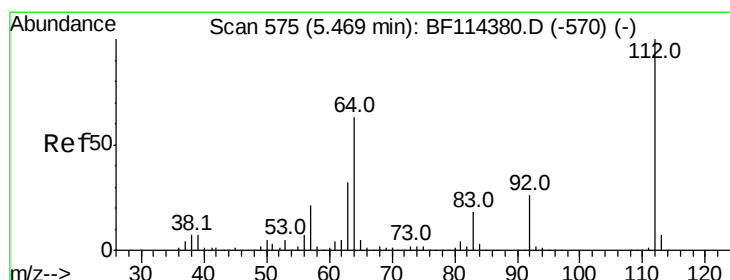
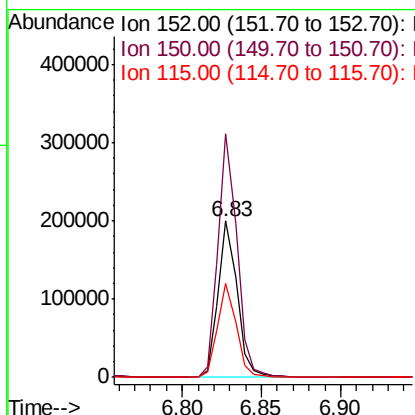
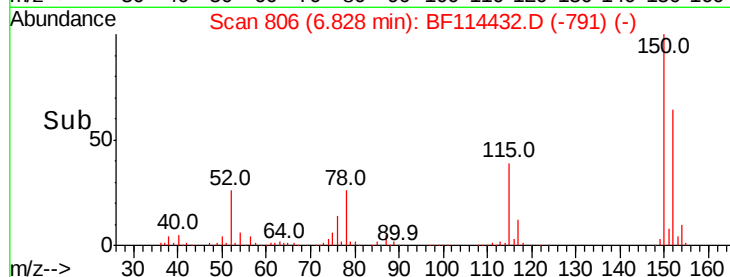
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114432.D
Acq: 20 May 2019 12:20

Instrument :
BNA_F
ClientSampleId :
GIS-5

Tot Ion:152 Resp: 167268
Ion Ratio Lower Upper
152 100
150 155.6 124.3 186.5
115 60.2 49.1 73.7



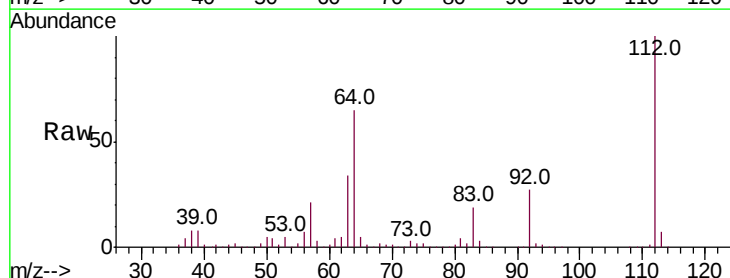
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



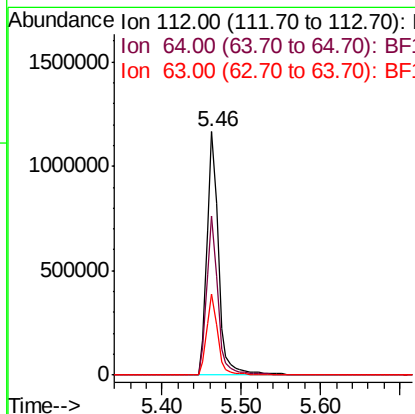
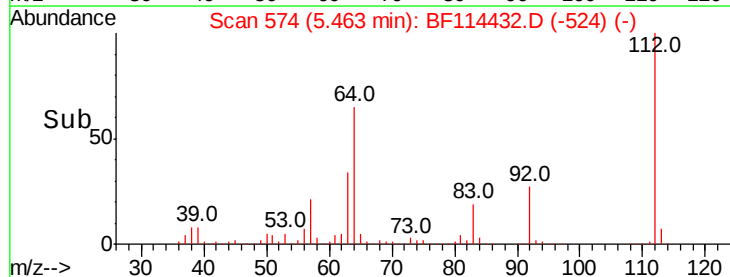
#5

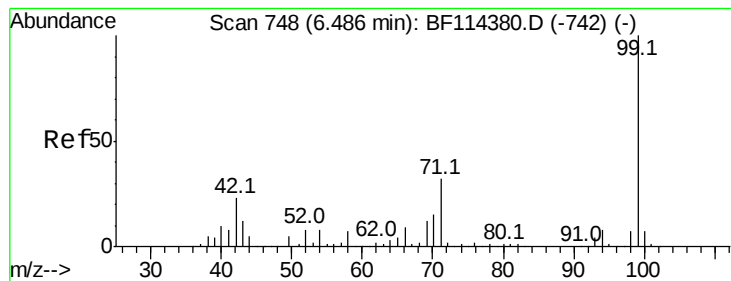
2-Fluorophenol
Concen: 115.837 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF114432.D
Acq: 20 May 2019 12:20

Tgt Ion:112 Resp: 1204024
Ion Ratio Lower Upper
112 100
64 65.2 49.0 73.6
63 33.5 24.6 37.0



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: 126.614 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114432.D

Acq: 20 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

GIS-5

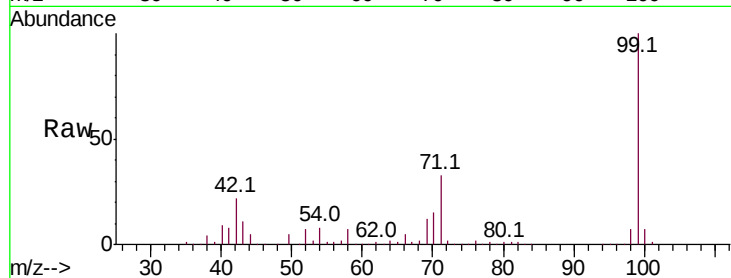
Tot Ion: 99 Resp: 1556523

Ion Ratio Lower Upper

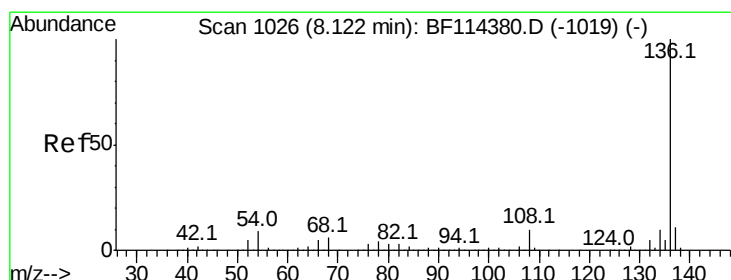
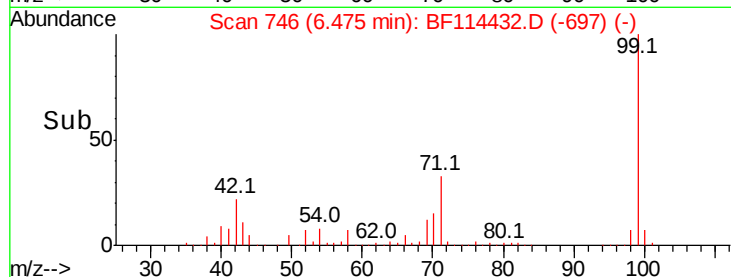
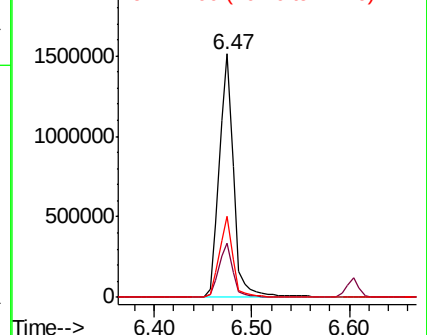
99 100

42 22.3 17.9 26.9

71 33.3 26.2 39.2



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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114432.D

Acq: 20 May 2019 12:20

Tgt Ion: 136 Resp: 618922

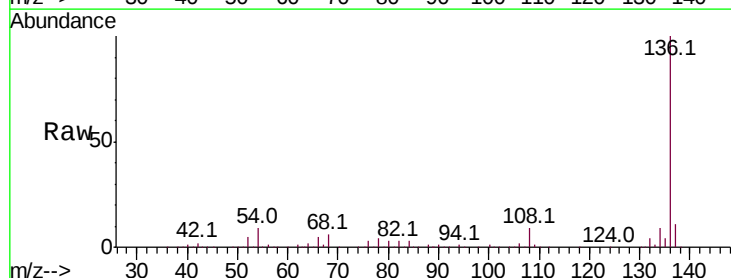
Ion Ratio Lower Upper

136 100

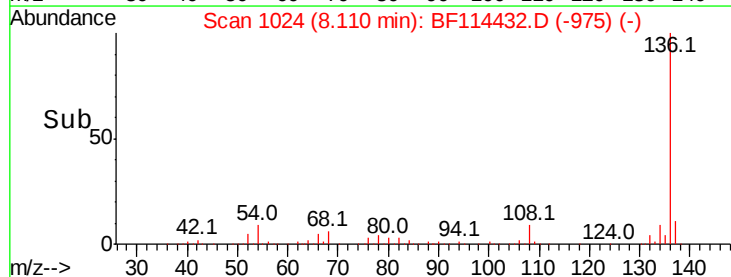
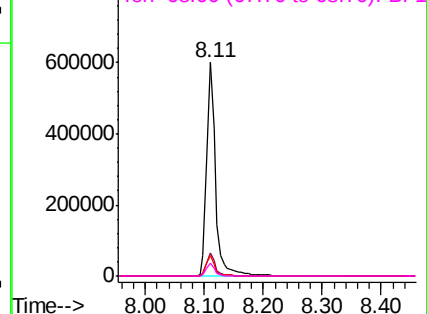
137 11.1 8.8 13.2

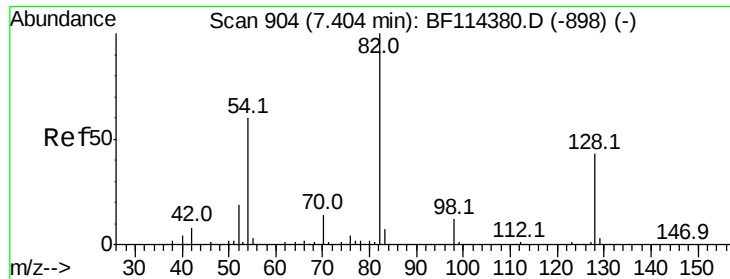
54 9.3 7.8 11.8

68 5.7 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

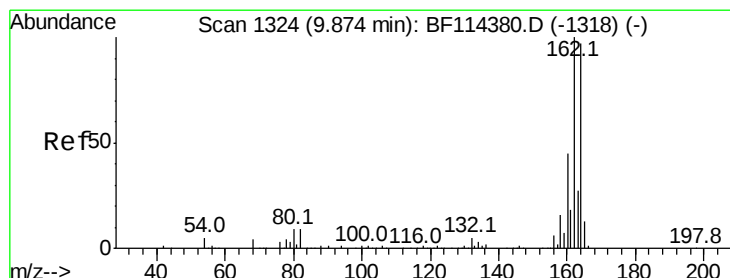
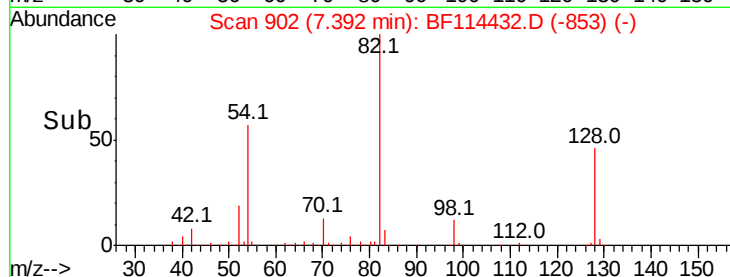
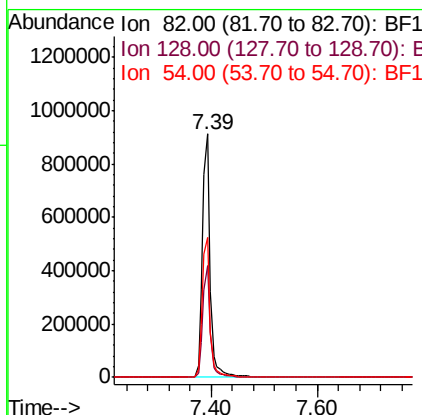
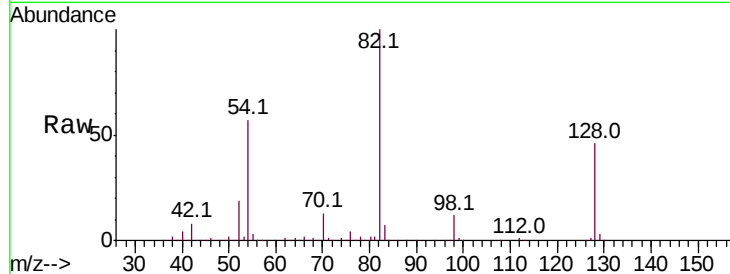




#23
 Nitrobenzene-d5
 Concen: 84.961 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114432.D
 Acq: 20 May 2019 12:20

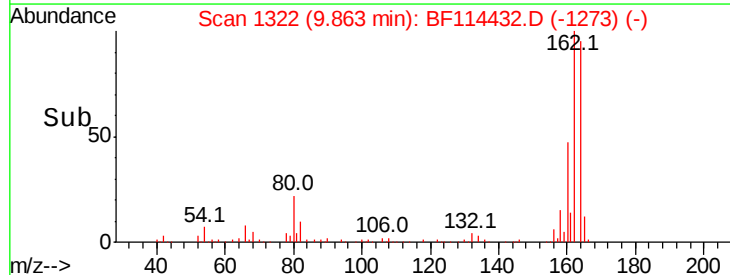
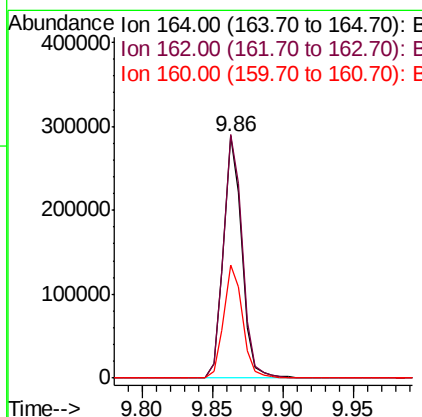
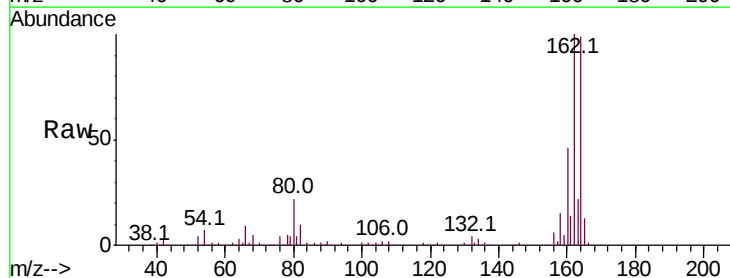
Instrument :
 BNA_F
 ClientSampled :
 GIS-5

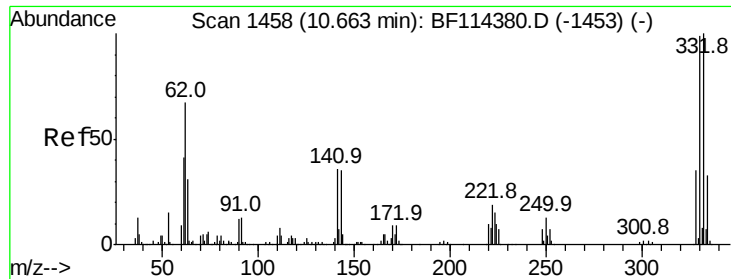
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.5	53.3
54	57.5	48.5	72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114432.D
 Acq: 20 May 2019 12:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	120.8
160	46.7	36.5	54.7

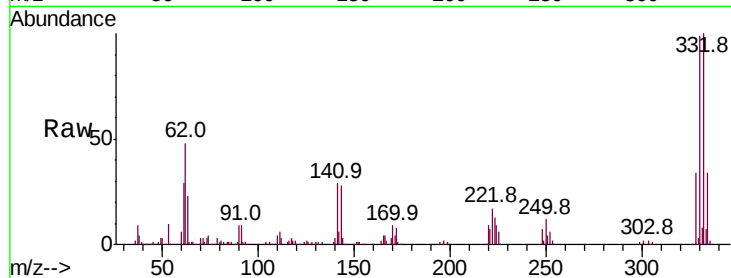




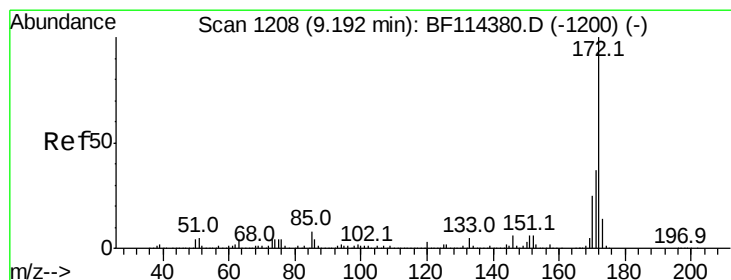
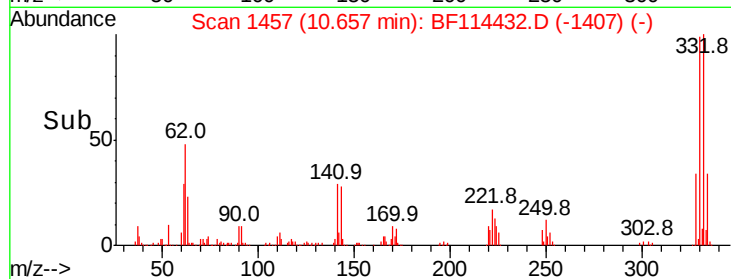
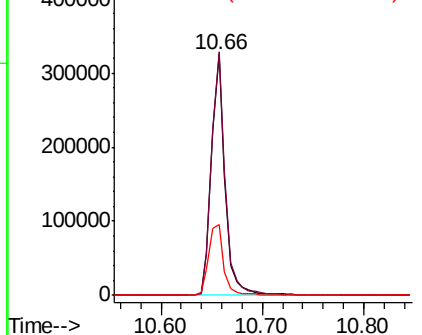
#42
 2,4,6-Tribromophenol
 Concen: 113.111 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114432.D
 Acq: 20 May 2019 12:20

Instrument :
 BNA_F
 ClientSampleId :
 GIS-5

Tot Ion:330 Resp: 307770
 Ion Ratio Lower Upper
 330 100
 332 101.7 81.4 122.2
 141 32.5 26.6 40.0

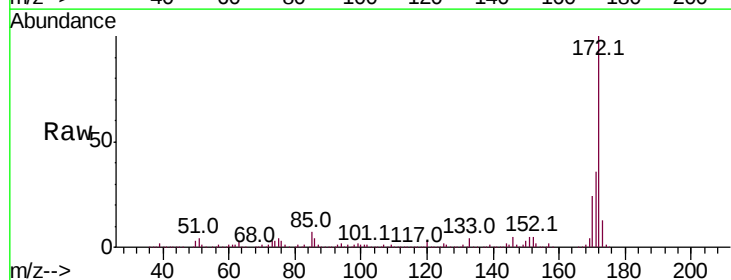


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

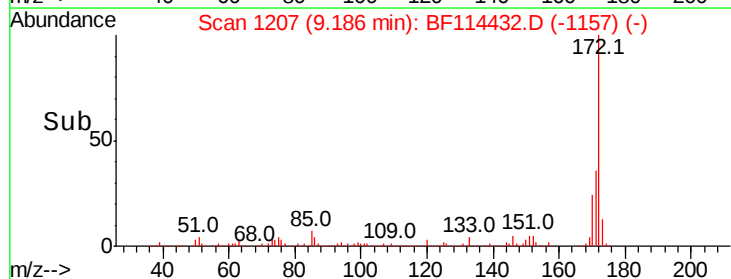
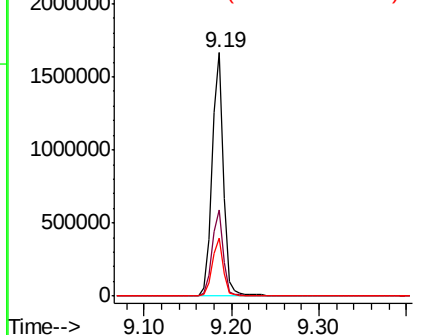


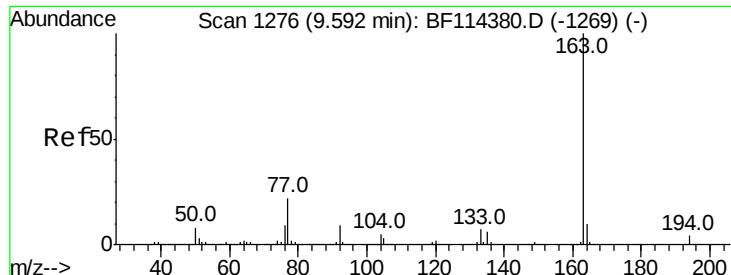
#45
 2-Fluorobiphenyl
 Concen: 86.555 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114432.D
 Acq: 20 May 2019 12:20

Tgt Ion:172 Resp: 1505990
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.7 46.1
 170 23.8 20.5 30.7



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

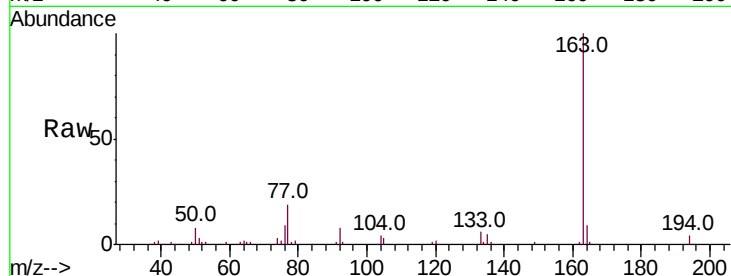




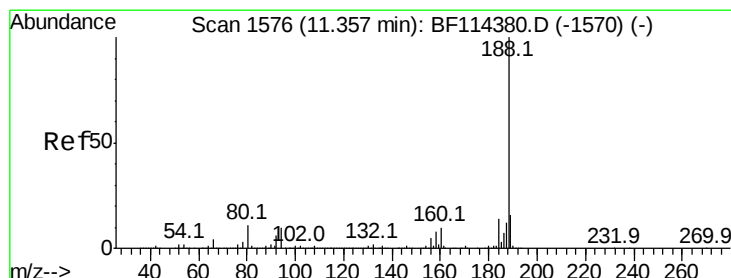
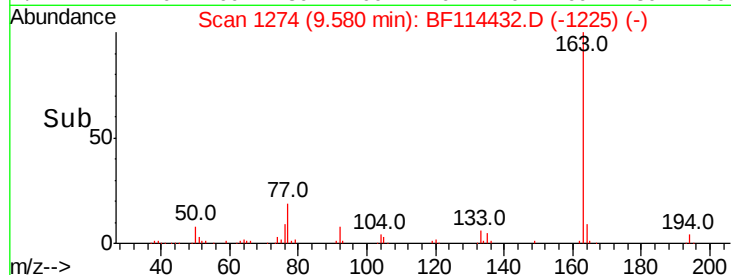
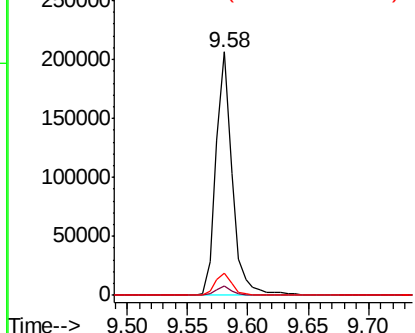
#50
Dimethylphthalate
Concen: 9.861 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114432.D
Acq: 20 May 2019 12:20

Instrument :
BNA_F
ClientSampled :
GIS-5

Tot Ion:163 Resp: 190514
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.3 8.2 12.2

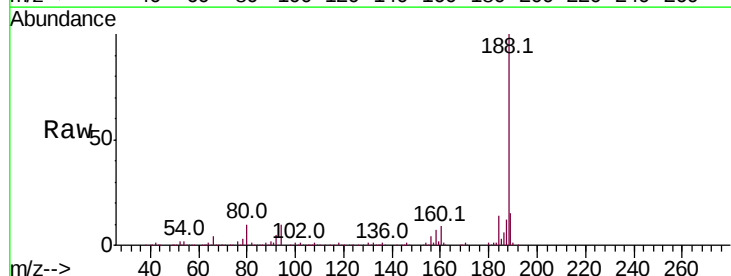


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

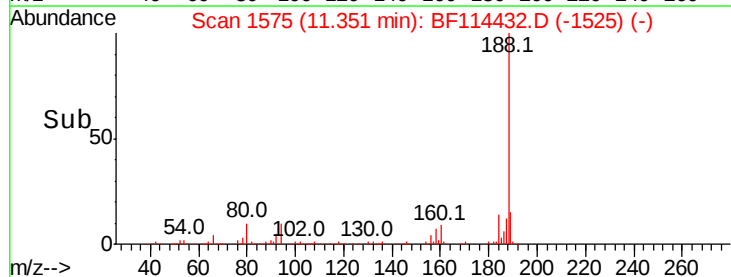
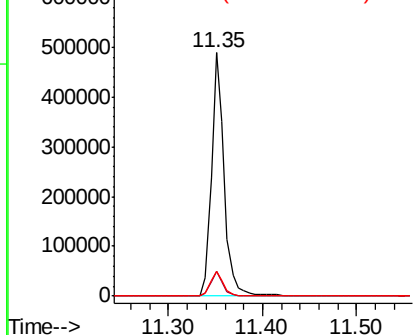


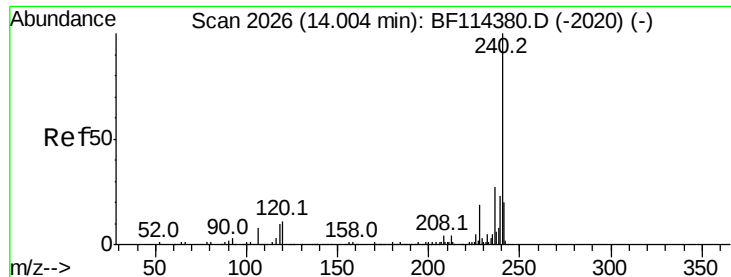
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114432.D
Acq: 20 May 2019 12:20

Tgt Ion:188 Resp: 469733
Ion Ratio Lower Upper
188 100
94 10.4 8.4 12.6
80 10.3 9.2 13.8



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# 2025

Delta R.T. -0.01 min

Lab File: BF114432.D

Acq: 20 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

GIS-5

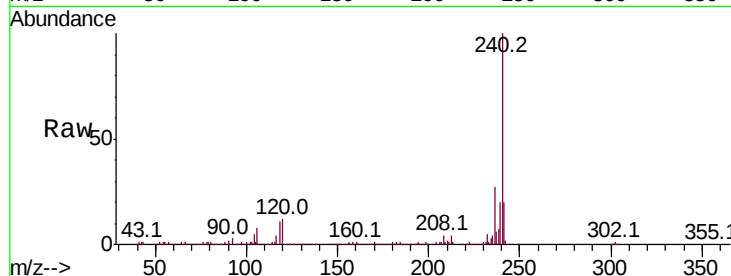
Tot Ion:240 Resp: 356699

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

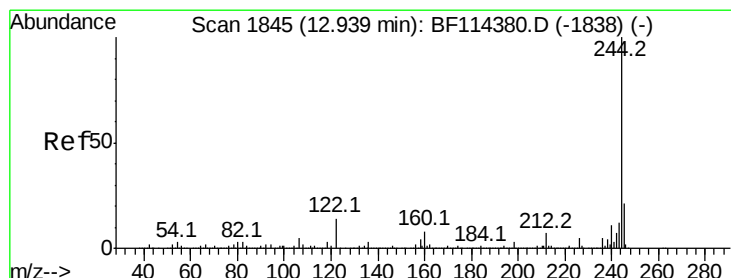
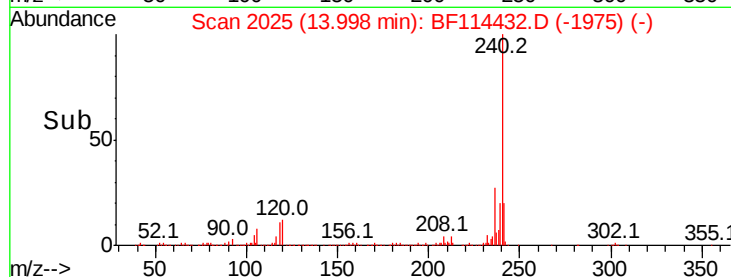
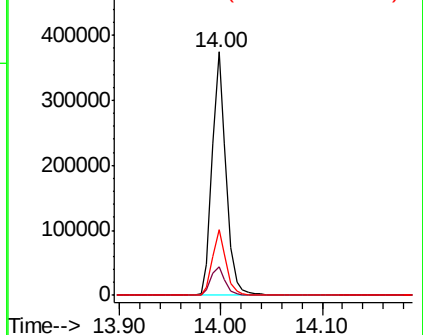
236 26.8 20.8 31.2



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: 67.227 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114432.D

Acq: 20 May 2019 12:20

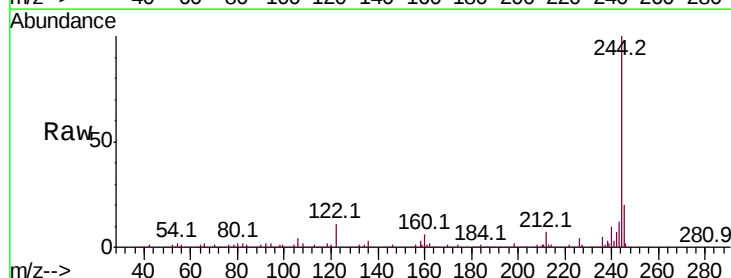
Tgt Ion:244 Resp: 1163261

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

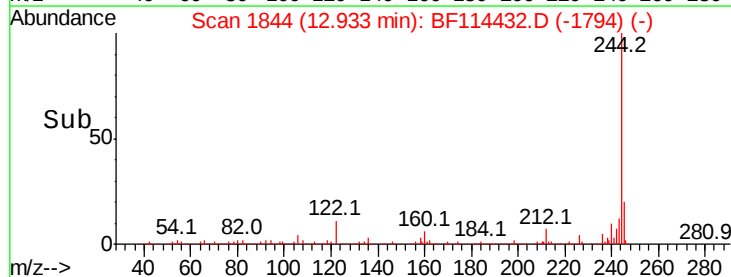
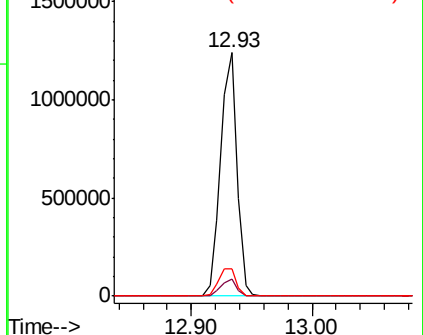
122 11.3 9.4 14.2

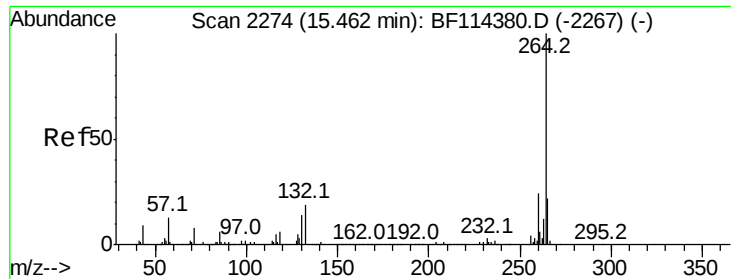


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2278
 Delta R.T. 0.02 min
 Lab File: BF114432.D
 Acq: 20 May 2019 12:20

Instrument :
 BNA_F
 ClientSampleId :
 GIS-5

Tot Ion:264 Resp: 467571
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.0 16.9 25.3

