

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114391.D
 Acq On : 18 May 2019 15:18
 Operator : JU/SJ
 Sample : K2905-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-3

Quant Time: May 20 05:12:56 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

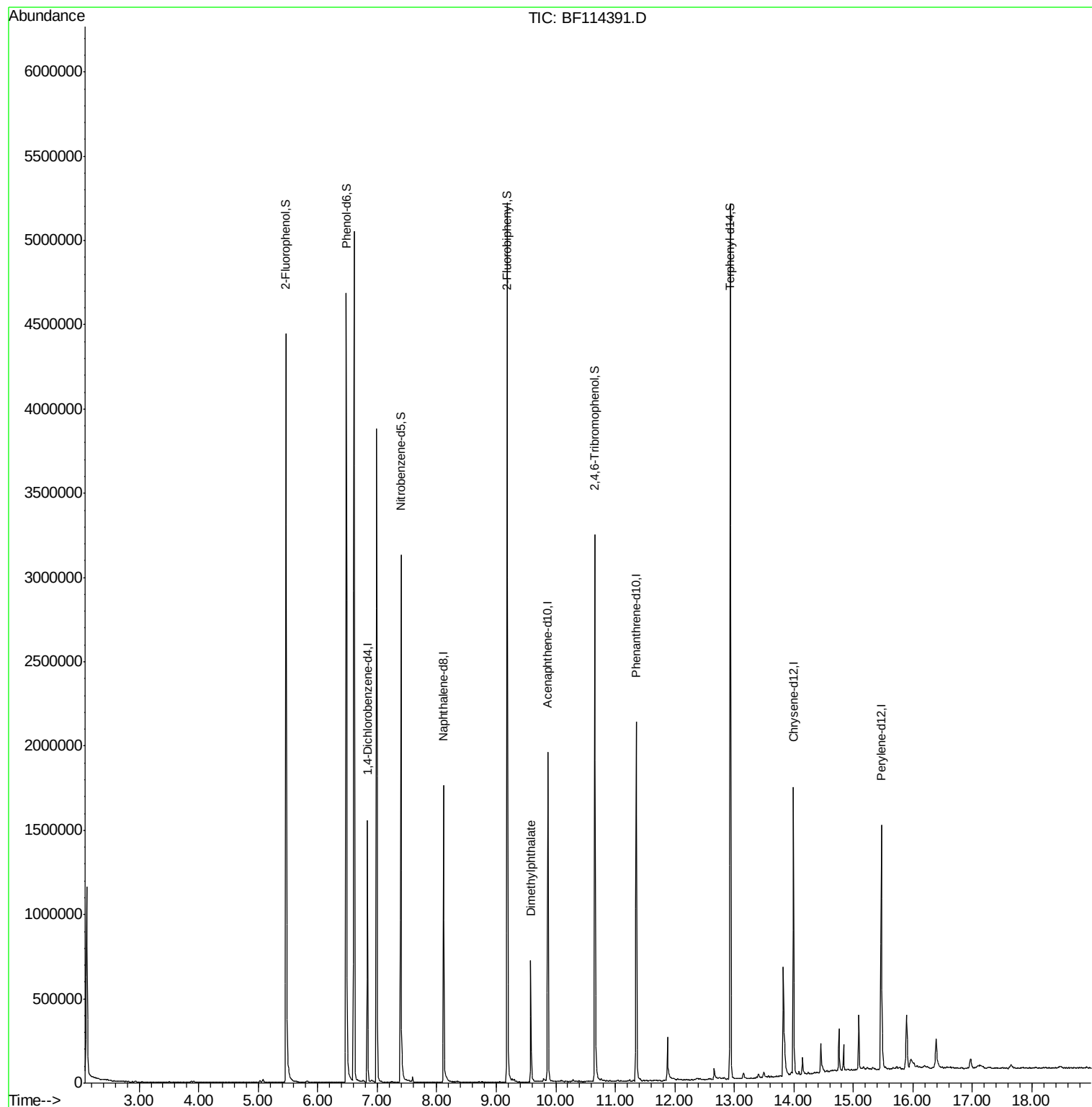
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	223723	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	862556	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	409630	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	841053	20.00	ng	0.00
76) Chrysene-d12	13.99	240	610543	20.00	ng	-0.01
87) Perylene-d12	15.47	264	585303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1299449	93.47	ng	0.00
7) Phenol-d6	6.48	99	1693455	102.99	ng	0.00
23) Nitrobenzene-d5	7.40	82	1034849	67.33	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	396859	93.71	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1633244	60.31	ng	0.00
79) Terphenyl-d14	12.93	244	1811660	61.17	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	320497	10.658	ng	Qvalue 99

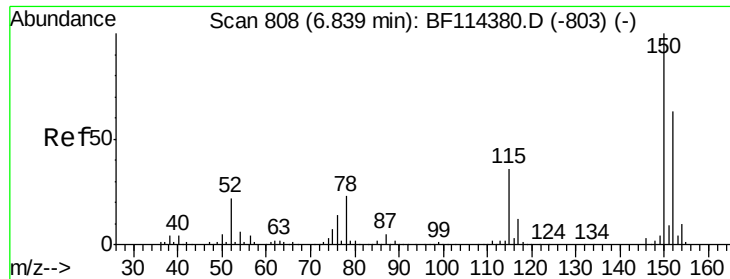
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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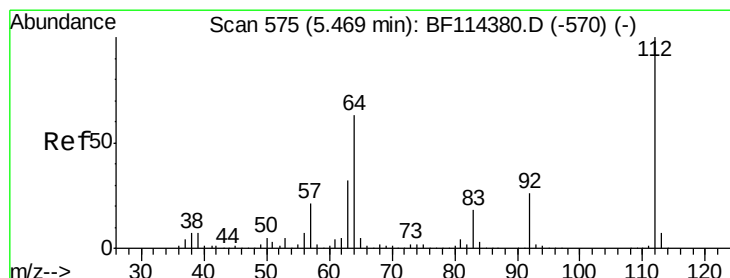
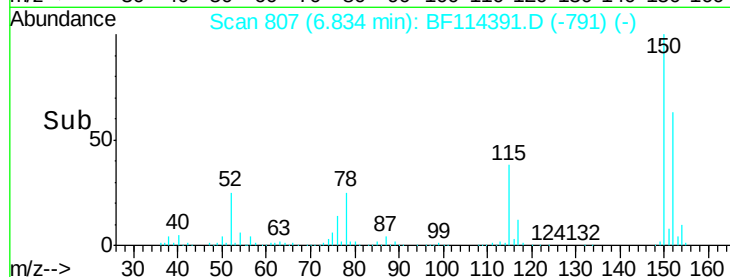
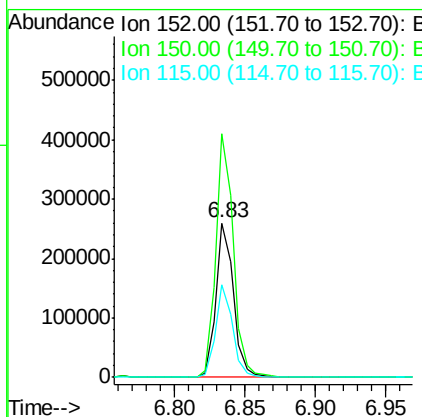
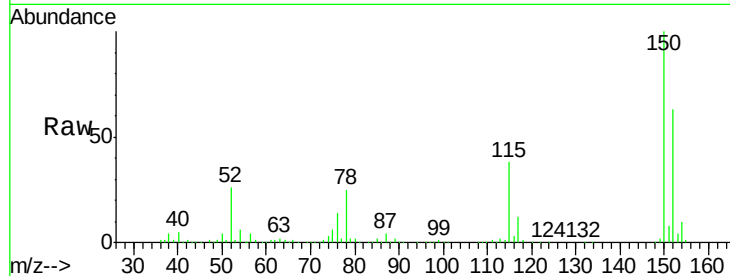


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114391.D
Acq: 18 May 2019 15:18

Instrument :
BNA_F
ClientSampleId :
GIS-3

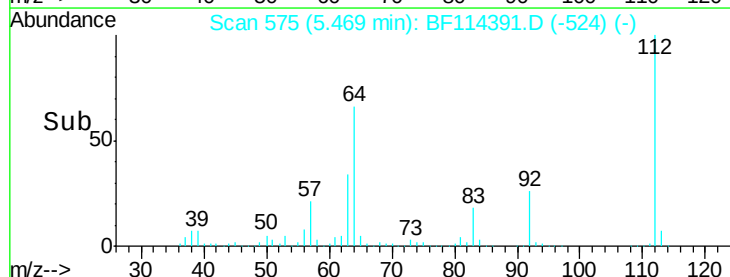
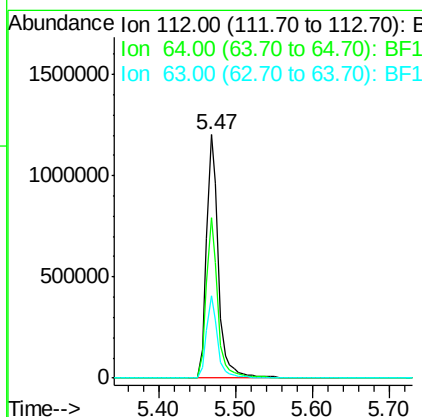
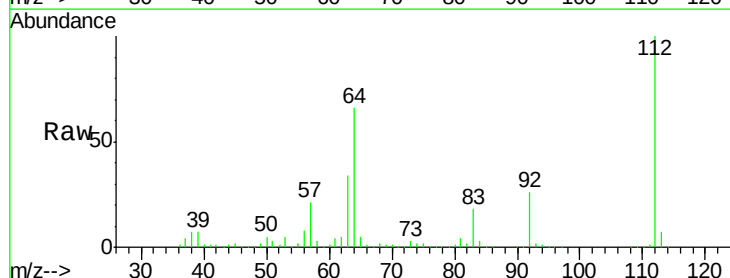
Tgt Ion:152 Resp: 223723
Ion Ratio Lower Upper
152 100
150 157.9 124.3 186.5
115 59.8 49.1 73.7

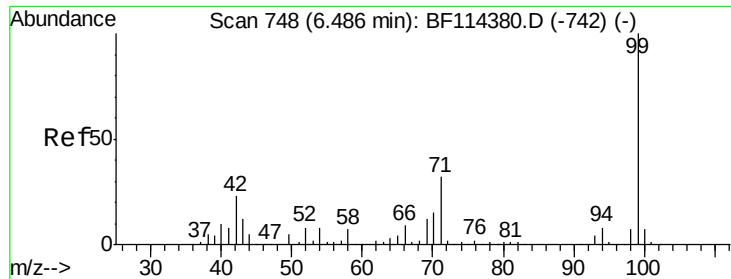


#5

2-Fluorophenol
Concen: 93.471 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF114391.D
Acq: 18 May 2019 15:18

Tgt Ion:112 Resp: 1299449
Ion Ratio Lower Upper
112 100
64 65.8 49.0 73.6
63 33.7 24.6 37.0





#7

Phenol-d6

Concen: 102.992 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114391.D

Acq: 18 May 2019 15:18

Instrument :

BNA_F

ClientSampleId :

GIS-3

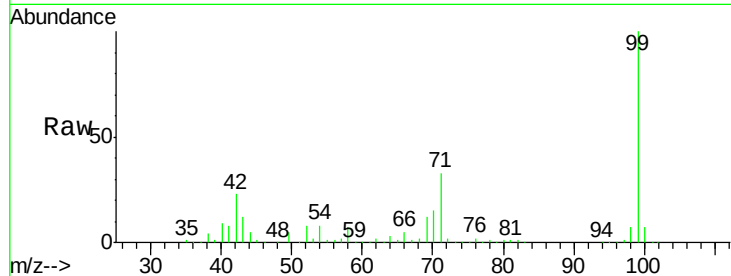
Tgt Ion: 99 Resp: 1693455

Ion Ratio Lower Upper

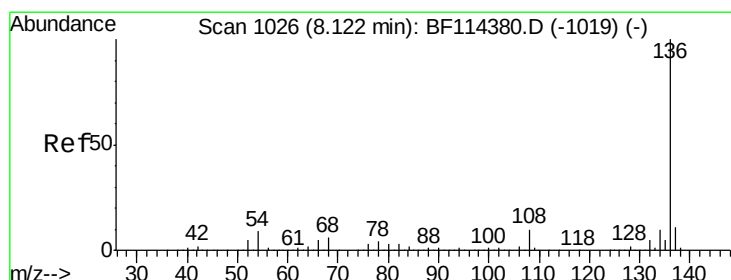
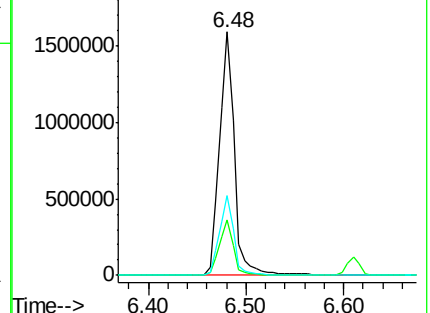
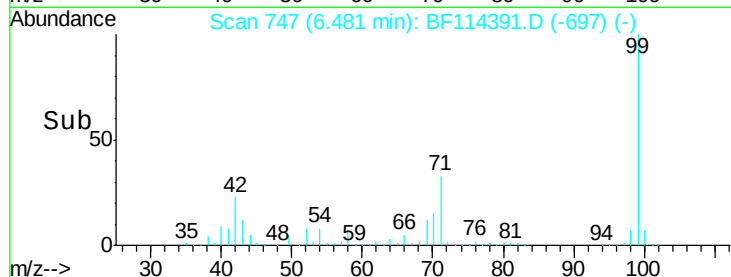
99 100

42 23.0 17.9 26.9

71 32.9 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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF114391.D

Acq: 18 May 2019 15:18

Tgt Ion: 136 Resp: 862556

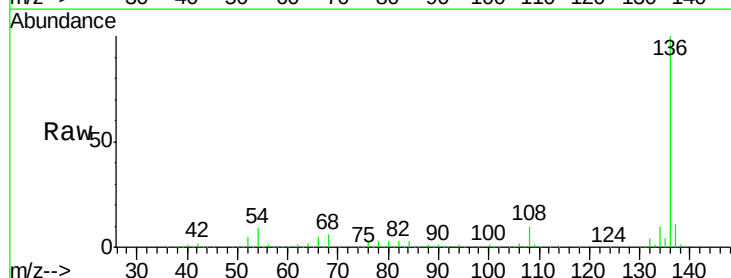
Ion Ratio Lower Upper

136 100

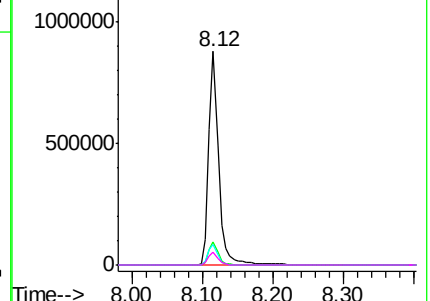
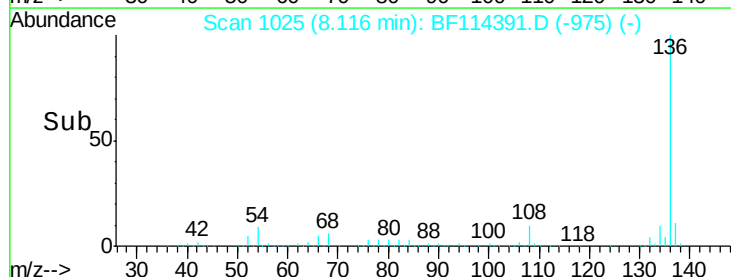
137 10.8 8.8 13.2

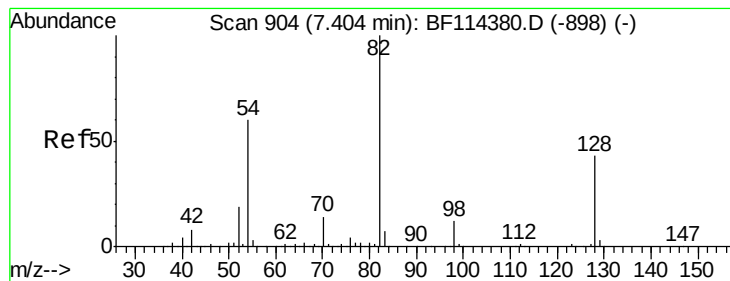
54 9.3 7.8 11.8

68 6.2 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: 67.330 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF114391.D

Acq: 18 May 2019 15:18

Instrument :

BNA_F

ClientSampleId :

GIS-3

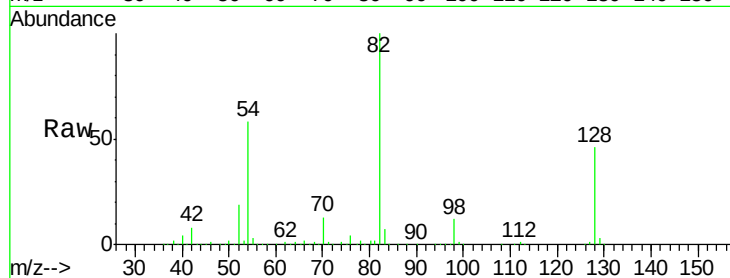
Tgt Ion: 82 Resp: 1034849

Ion Ratio Lower Upper

82 100

128 46.5 35.5 53.3

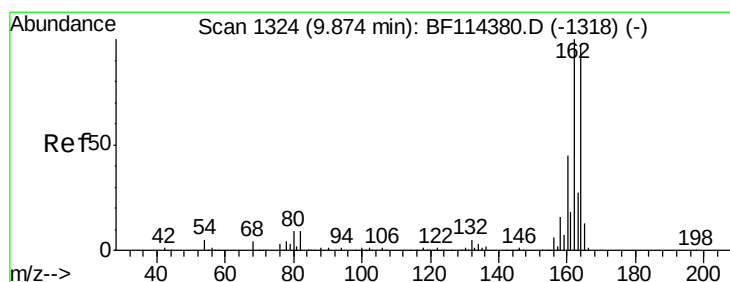
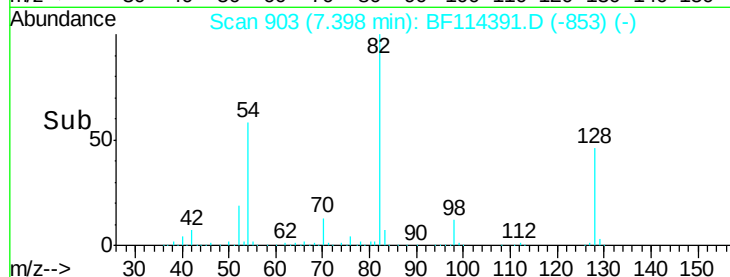
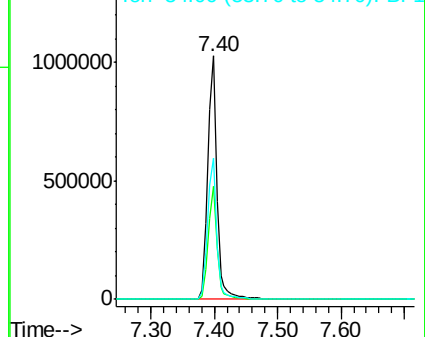
54 58.0 48.5 72.7



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# 1323

Delta R.T. -0.01 min

Lab File: BF114391.D

Acq: 18 May 2019 15:18

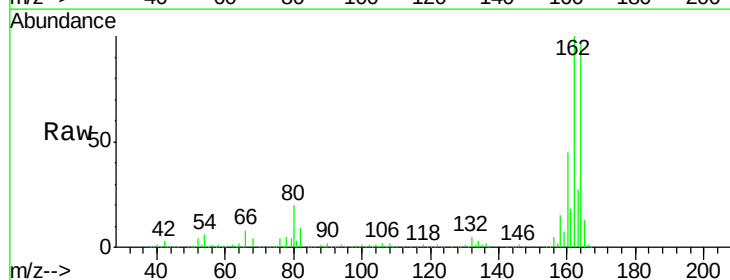
Tgt Ion: 164 Resp: 409630

Ion Ratio Lower Upper

164 100

162 103.2 80.6 120.8

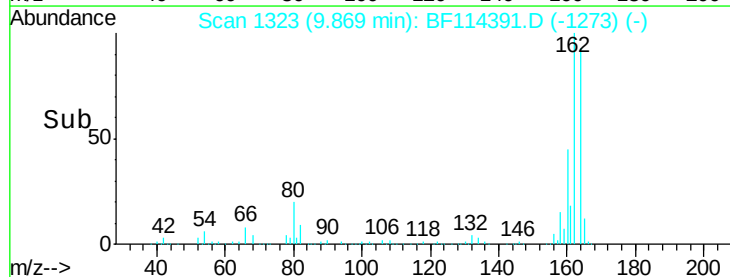
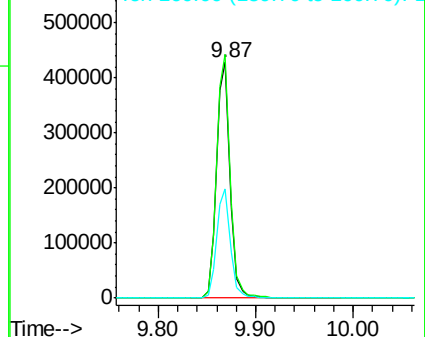
160 46.3 36.5 54.7

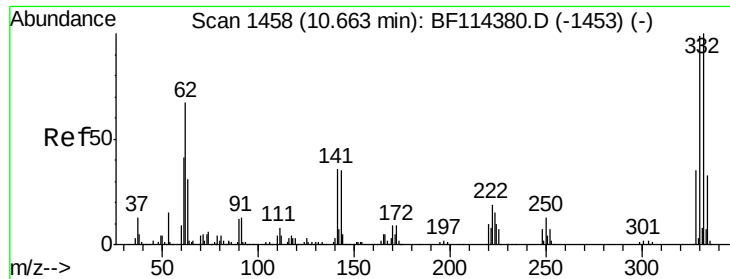


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

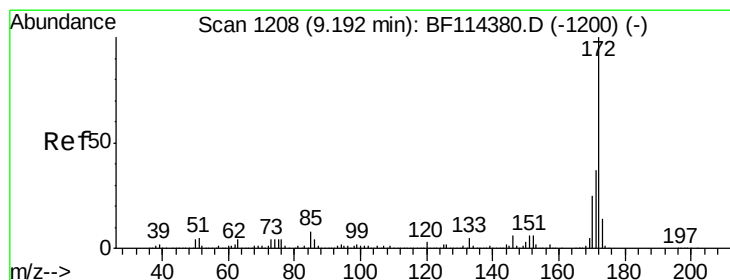
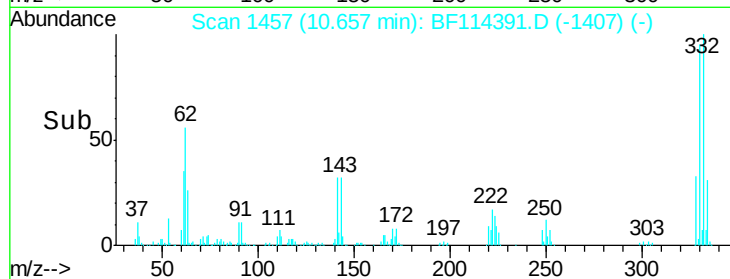
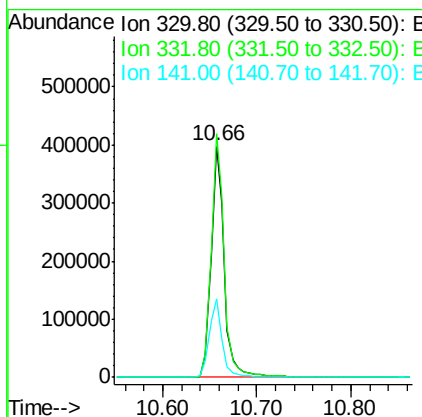
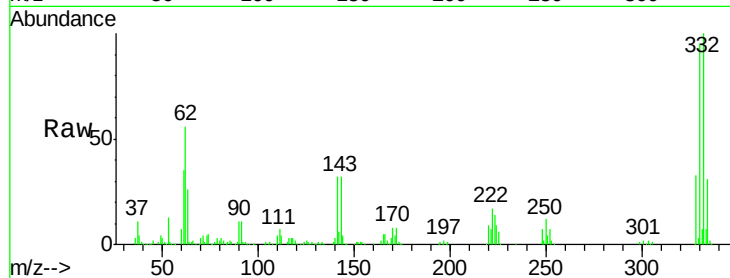




#42
 2,4,6-Tribromophenol
 Concen: 93.712 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114391.D
 Acq: 18 May 2019 15:18

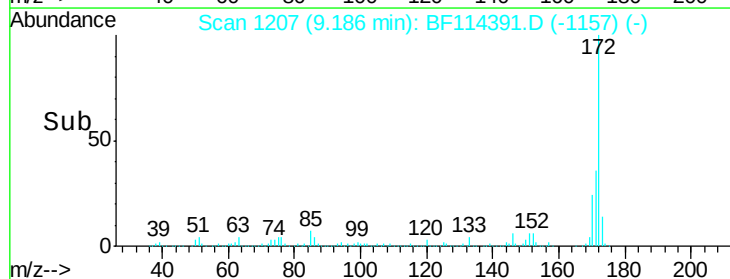
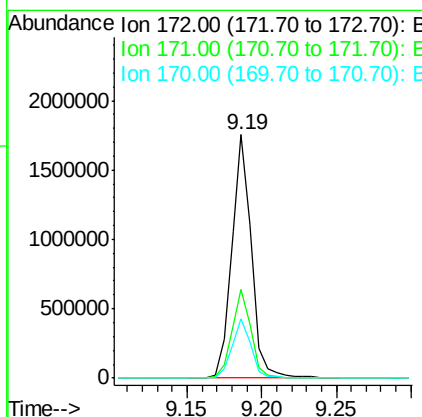
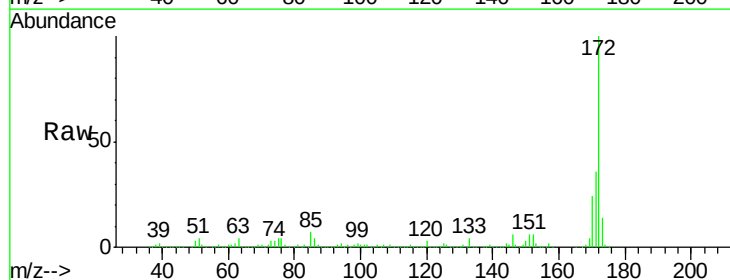
Instrument :
 BNA_F
 ClientSampled :
 GIS-3

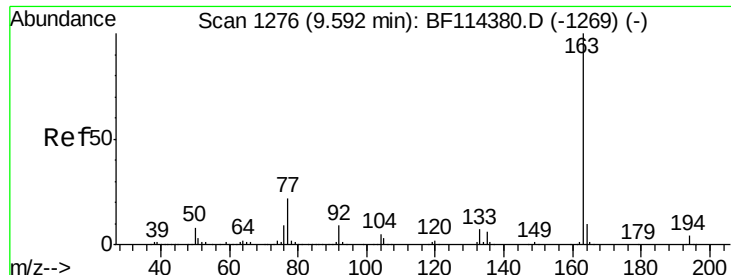
Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.8	81.4	122.2
141	33.0	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 60.312 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114391.D
 Acq: 18 May 2019 15:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.7	46.1
170	24.3	20.5	30.7

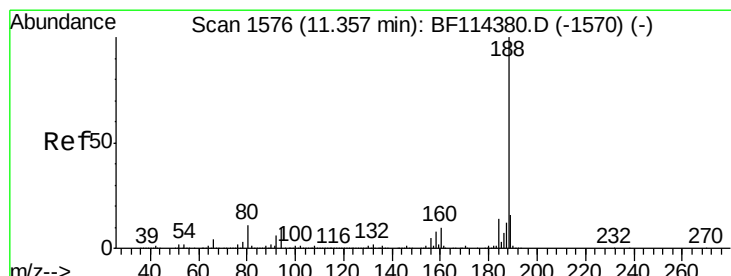
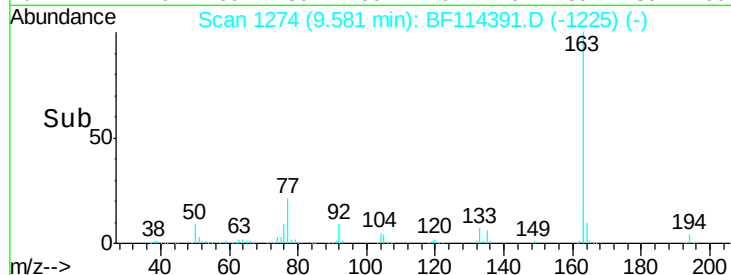
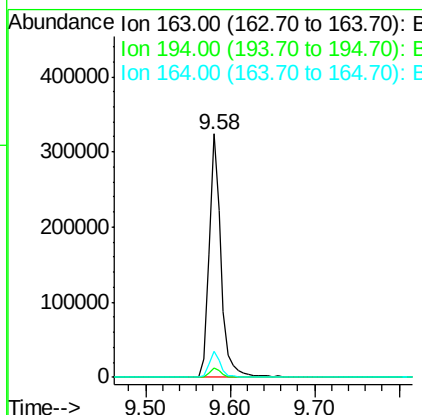
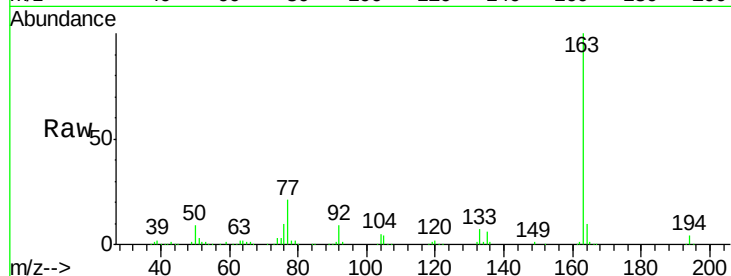




#50
 Dimethylphthalate
 Concen: 10.658 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF114391.D
 Acq: 18 May 2019 15:18

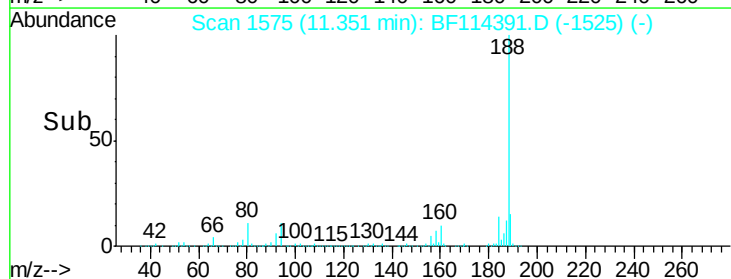
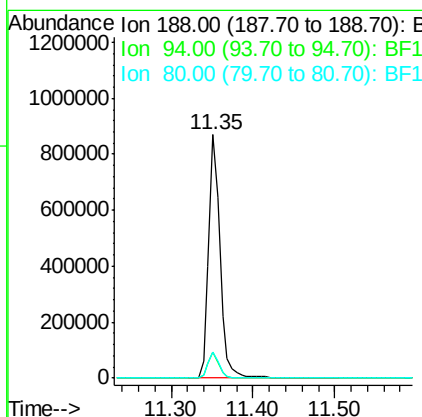
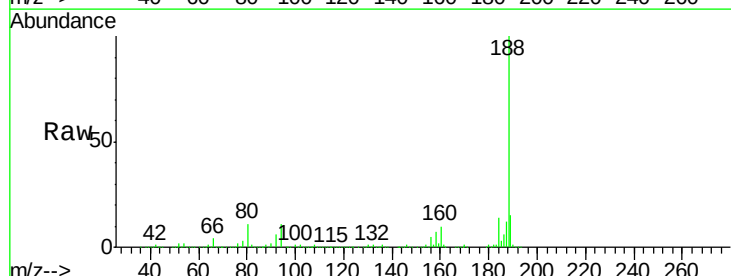
Instrument :
 BNA_F
 ClientSampleId :
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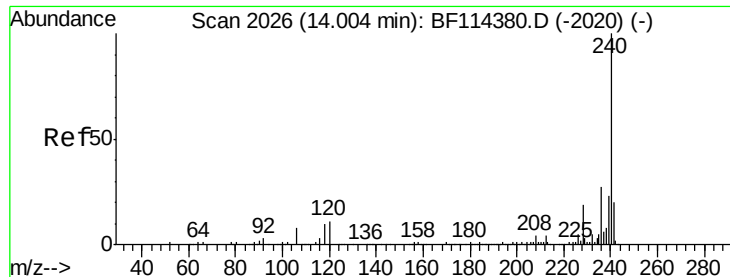
Tgt Ion	Resp	Lower	Upper
163	320497		
194	3.9	3.4	5.0
164	10.5	8.2	12.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF114391.D
 Acq: 18 May 2019 15:18

Tgt Ion	Resp	Lower	Upper
188	841053		
94	10.8	8.4	12.6
80	10.7	9.2	13.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF114391.D

Acq: 18 May 2019 15:18

Instrument :

BNA_F

ClientSampleId :

GIS-3

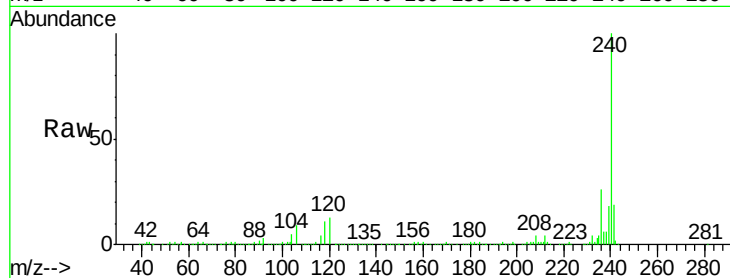
Tgt Ion:240 Resp: 610543

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

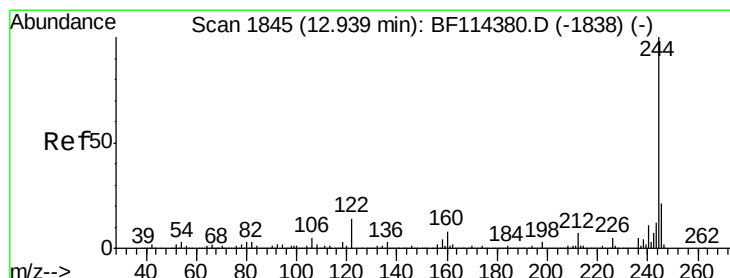
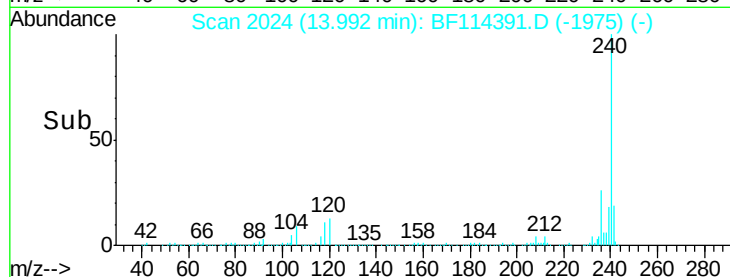
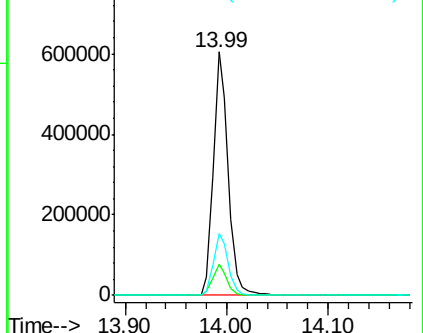
236 25.6 20.8 31.2



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: 61.169 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114391.D

Acq: 18 May 2019 15:18

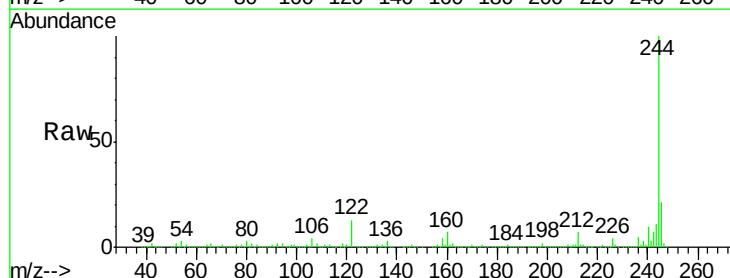
Tgt Ion:244 Resp: 1811660

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

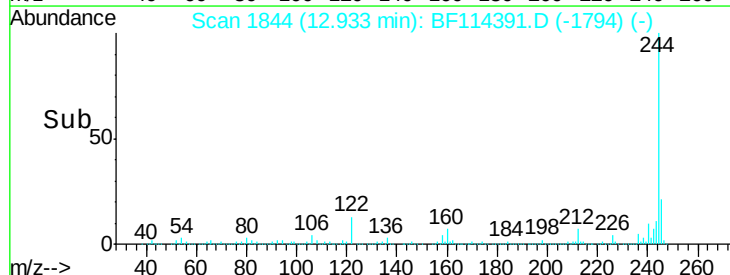
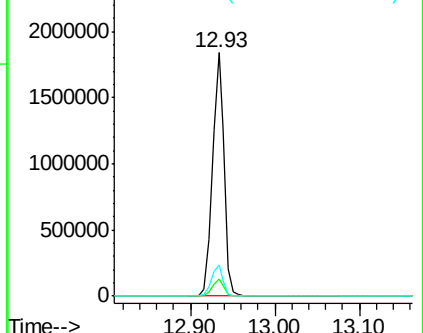
122 13.0 9.4 14.2

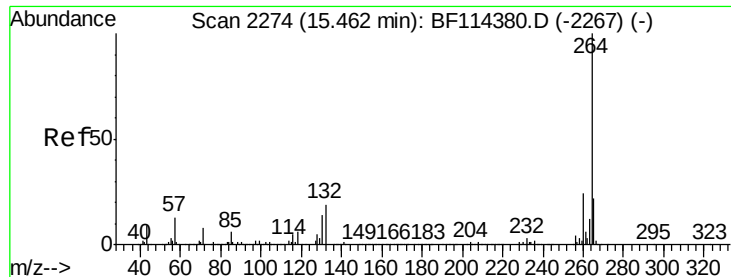


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF114391.D
Acq: 18 May 2019 15:18

Instrument :
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ClientSampleId :
GIS-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.2	16.9	25.3

