

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114393.D
 Acq On : 18 May 2019 16:11
 Operator : JU/SJ
 Sample : K2880-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 339

Quant Time: May 20 06:44:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

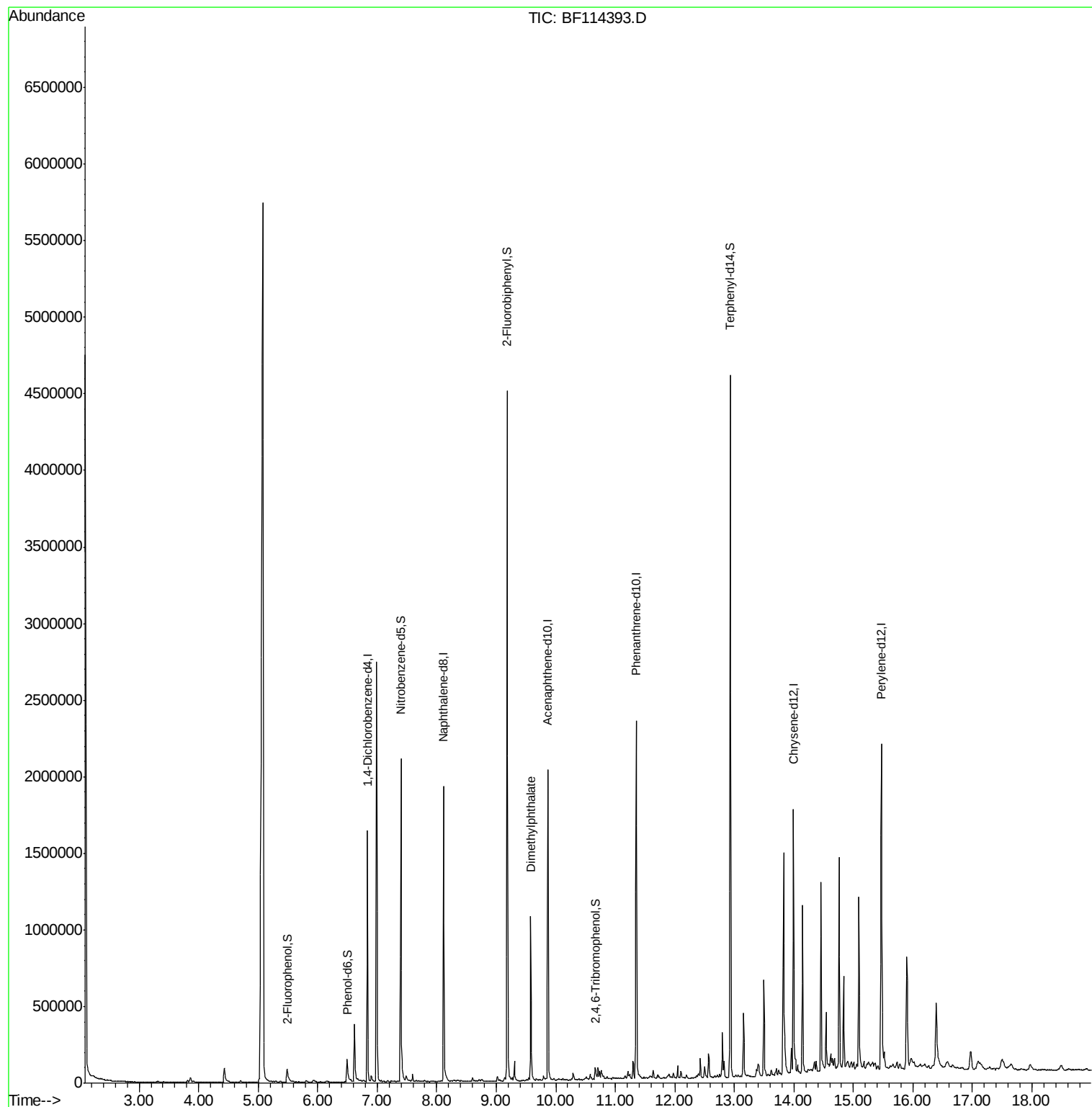
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	234827	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	910961	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	433187	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	871089	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	642189	20.00	ng	-0.03
87) Perylene-d12	15.47	264	615455	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	55607	3.81	ng	0.00
7) Phenol-d6	6.49	99	67174	3.89	ng	0.00
23) Nitrobenzene-d5	7.40	82	753808	46.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	10545	2.35	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1376269	48.06	ng	-0.02
79) Terphenyl-d14	12.93	244	1581489	50.77	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.58	163	449181	14.125	ng	Qvalue 99

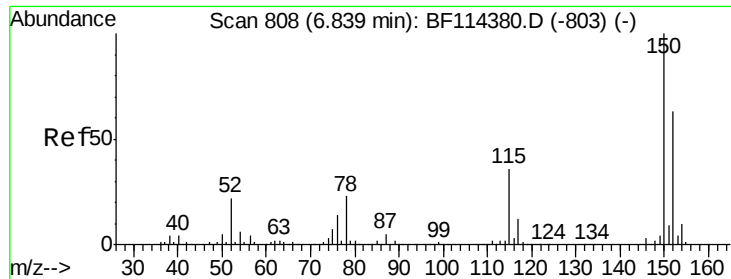
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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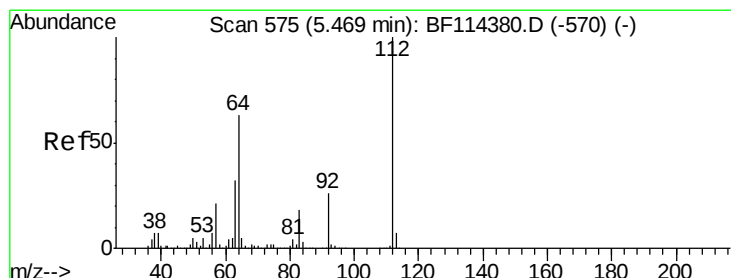
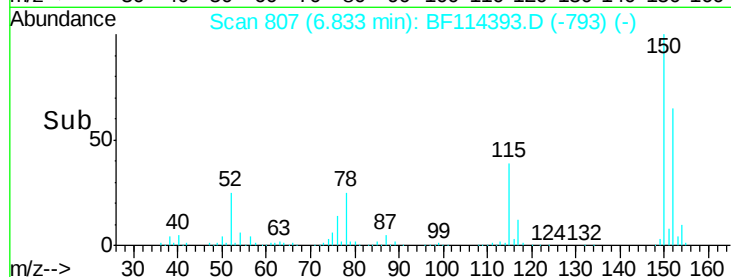
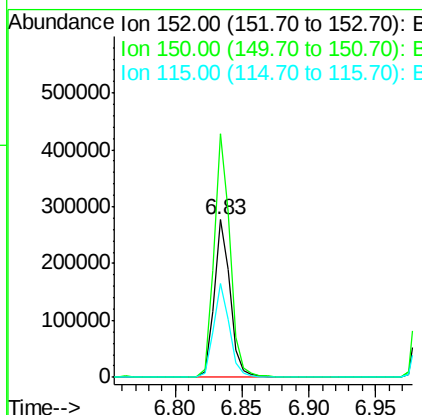
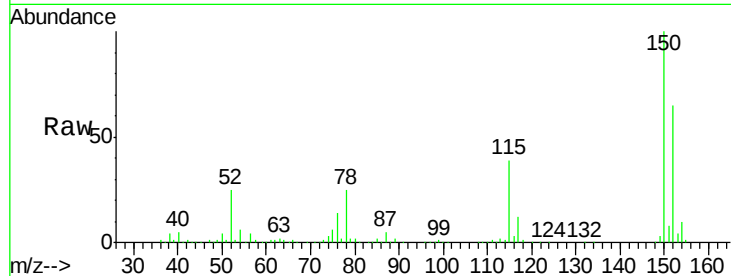




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BF114393.D
 Acq: 18 May 2019 16:11

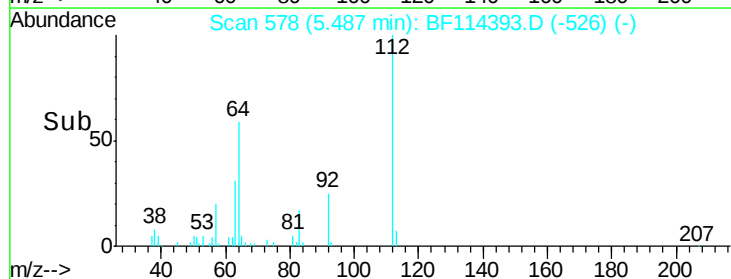
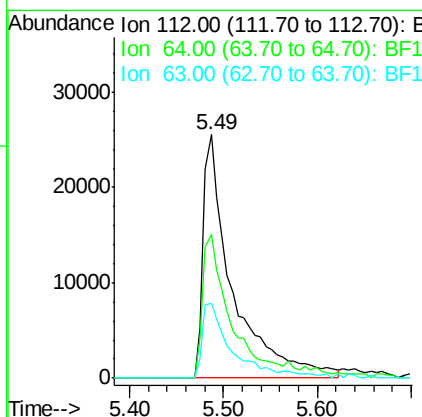
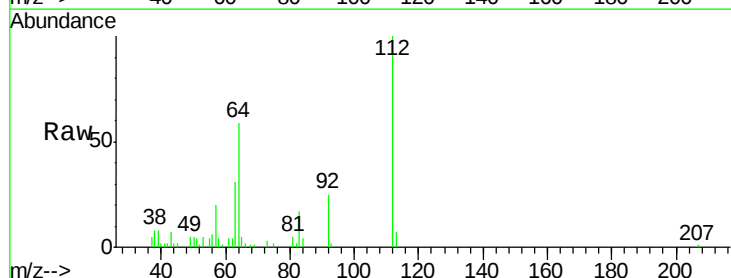
Instrument :
 BNA_F
 ClientSampleId :
 339

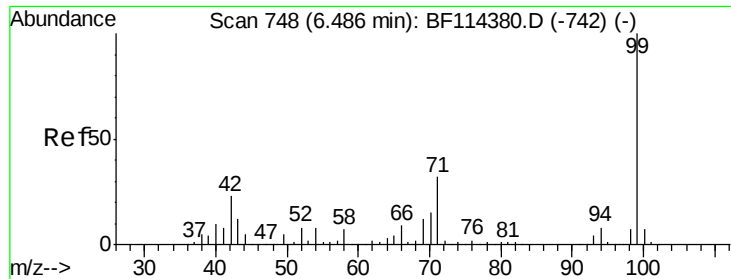
Tgt Ion:152 Resp: 234827
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.3 186.5
 115 59.5 49.1 73.7



#5
 2-Fluorophenol
 Concen: 3.811 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF114393.D
 Acq: 18 May 2019 16:11

Tgt Ion:112 Resp: 55607
 Ion Ratio Lower Upper
 112 100
 64 59.1 49.0 73.6
 63 30.6 24.6 37.0





#7

Phenol-d6

Concen: 3.892 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

Instrument :

BNA_F

ClientSampled :

339

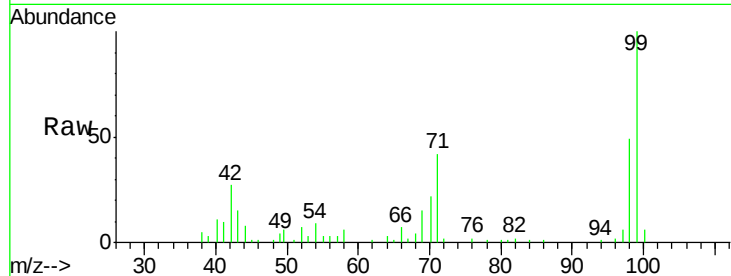
Tgt Ion: 99 Resp: 67174

Ion Ratio Lower Upper

99 100

42 26.6 17.9 26.9

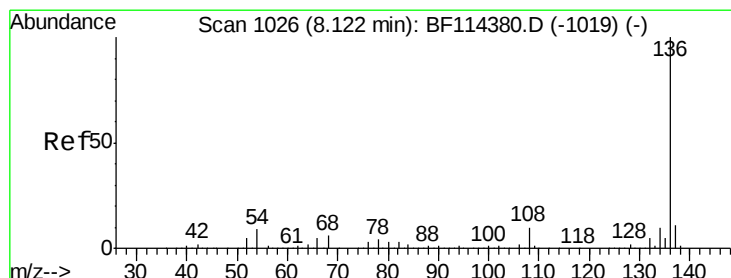
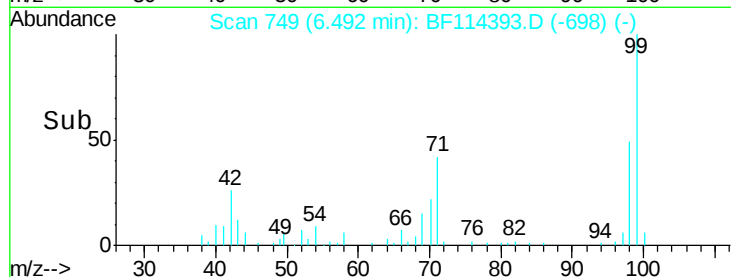
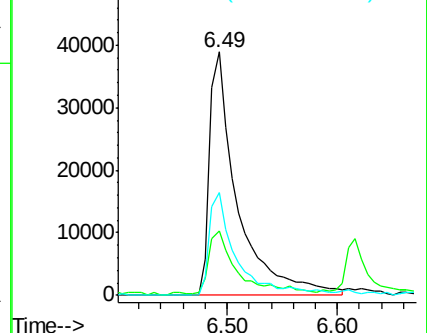
71 42.0 26.2 39.2#



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. -0.02 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

Tgt Ion: 136 Resp: 910961

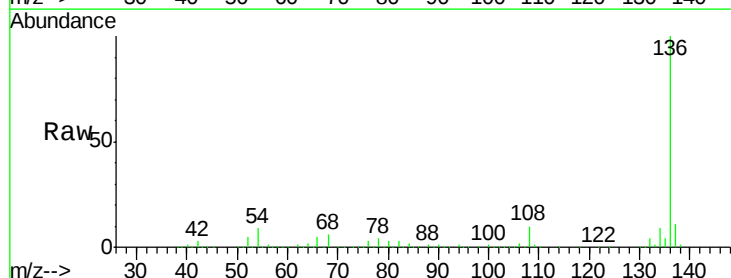
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.5 7.8 11.8

68 6.2 5.1 7.7

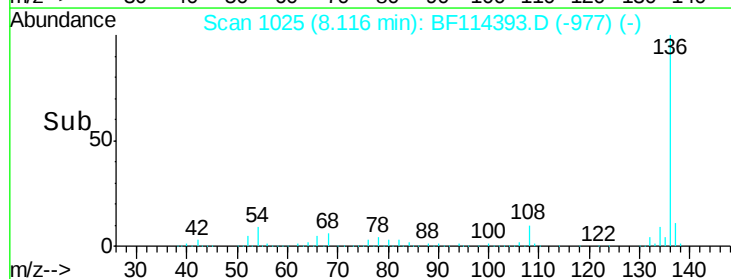
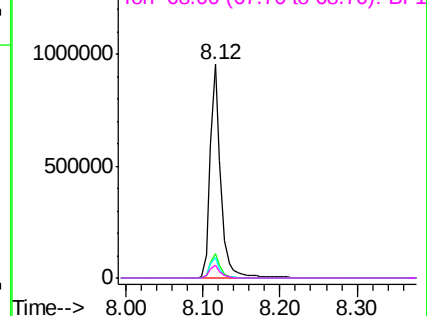


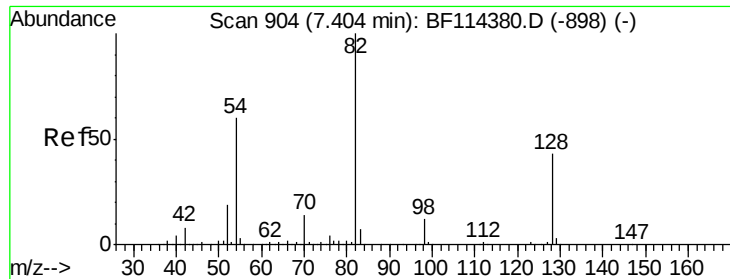
Abundance Ion 136.00 (135.70 to 136.70): E

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

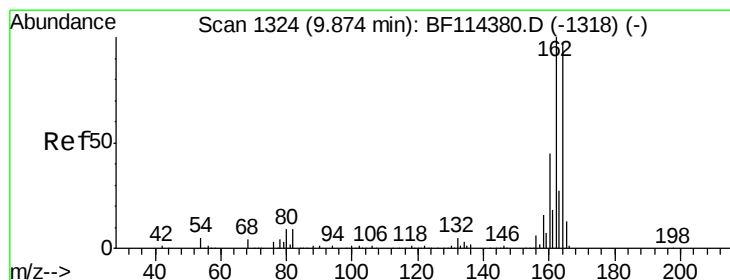
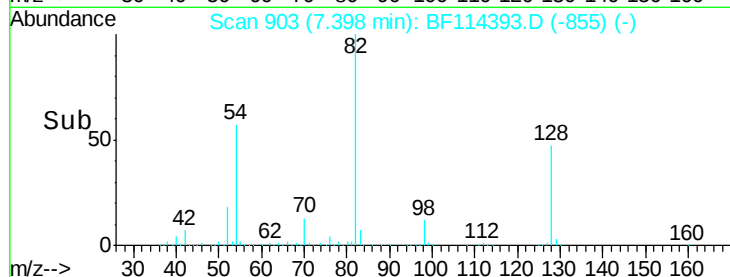
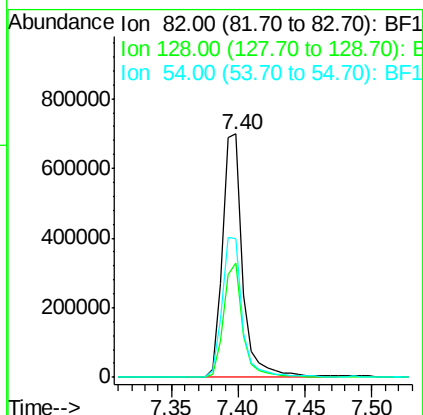
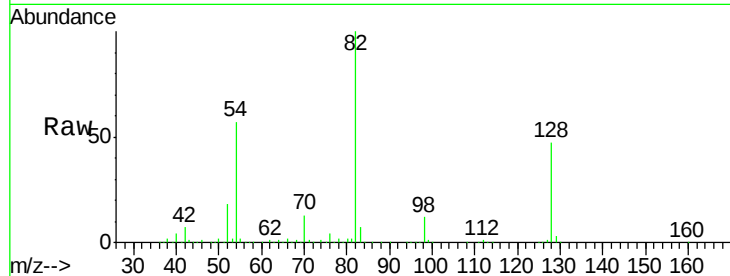




#23
 Nitrobenzene-d5
 Concen: 46.439 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF114393.D
 Acq: 18 May 2019 16:11

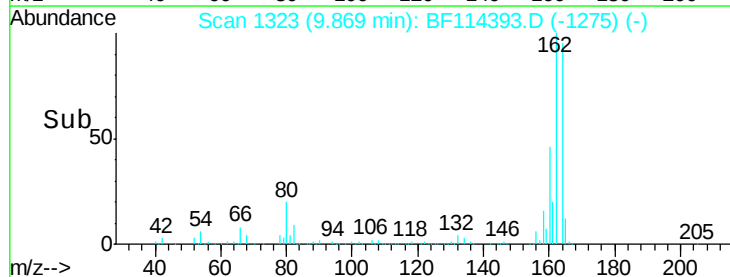
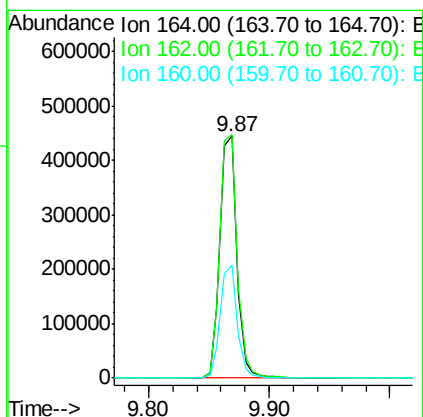
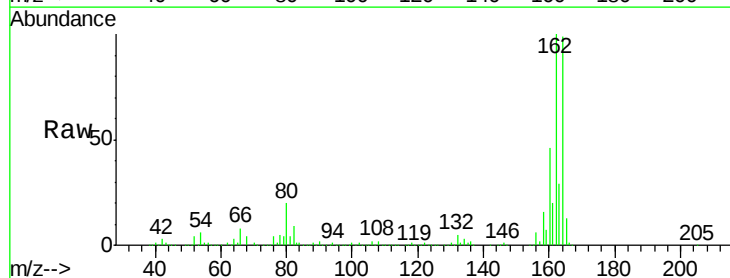
Instrument :
 BNA_F
 ClientSampleId :
 339

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.5	53.3
54	57.1	48.5	72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114393.D
 Acq: 18 May 2019 16:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	46.5	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 2.355 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

Instrument :

BNA_F

ClientSampleId :

339

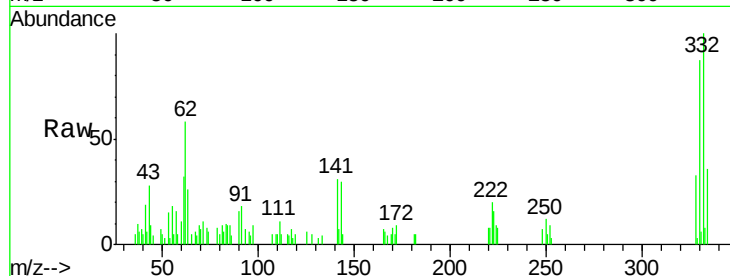
Tgt Ion:330 Resp: 10545

Ion Ratio Lower Upper

330 100

332 106.4 81.4 122.2

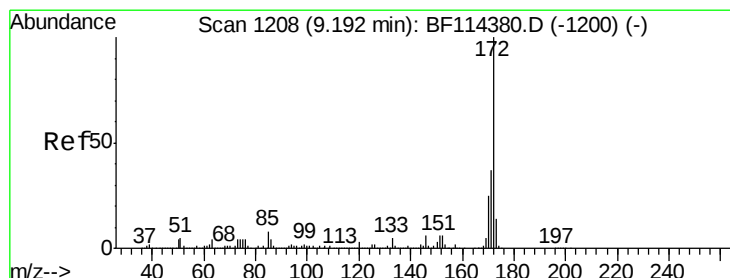
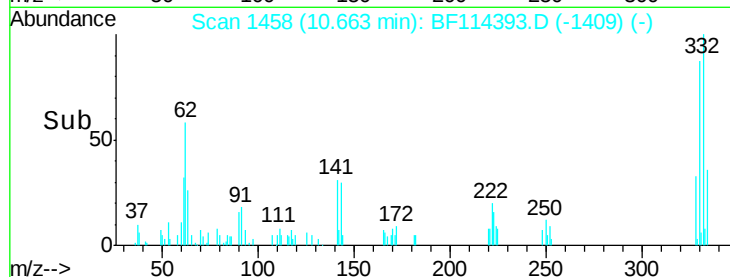
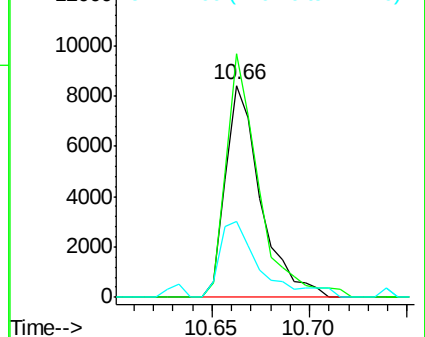
141 41.4 26.6 40.0#



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: 48.059 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

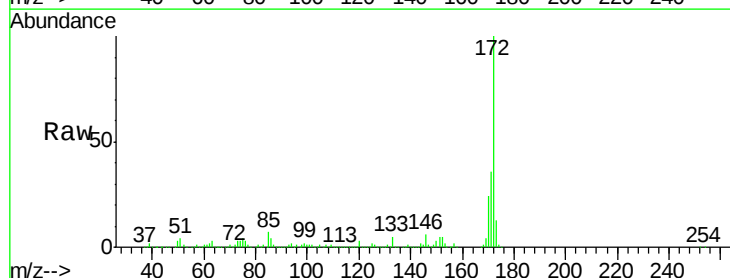
Tgt Ion:172 Resp: 1376269

Ion Ratio Lower Upper

172 100

171 36.3 30.7 46.1

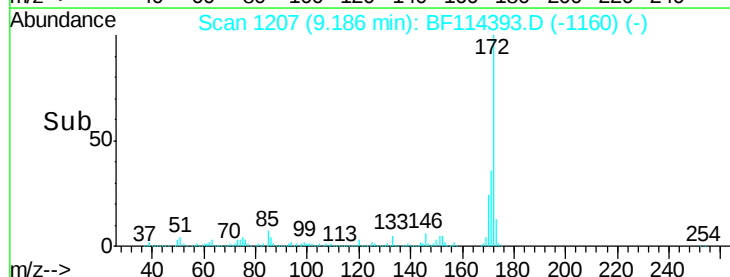
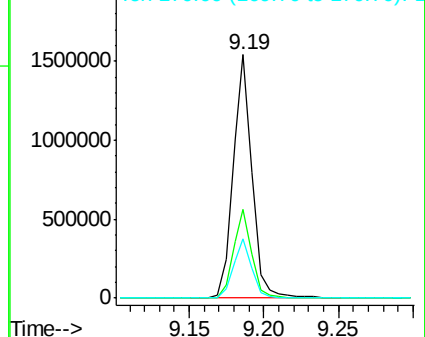
170 24.2 20.5 30.7

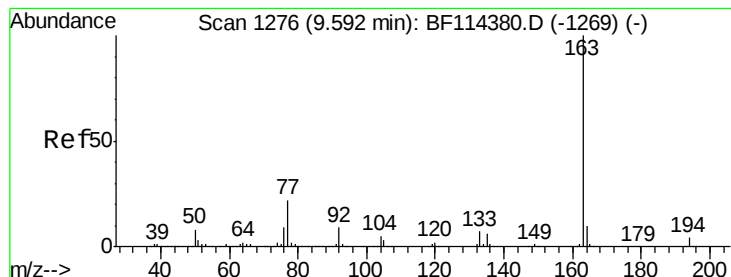


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 14.125 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

Instrument :

BNA_F

ClientSampleId :

339

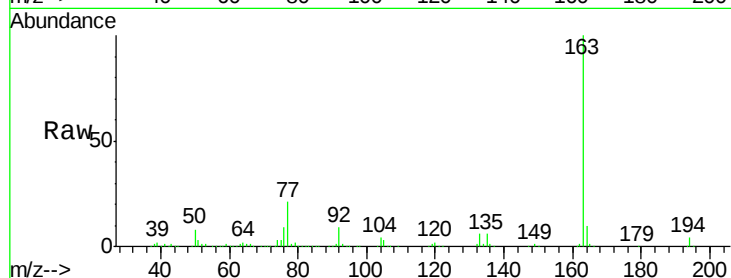
Tgt Ion:163 Resp: 449181

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

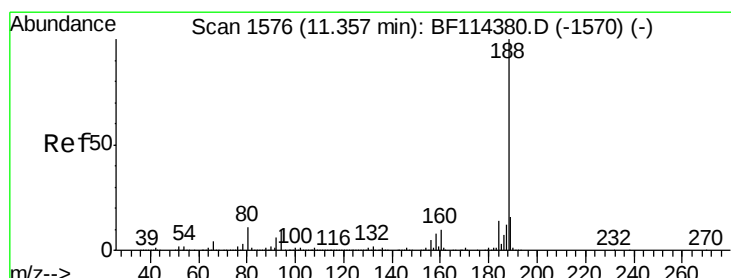
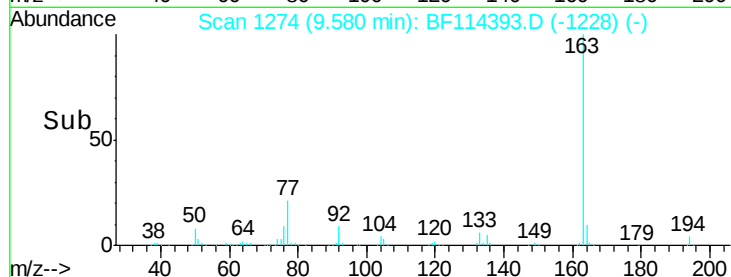
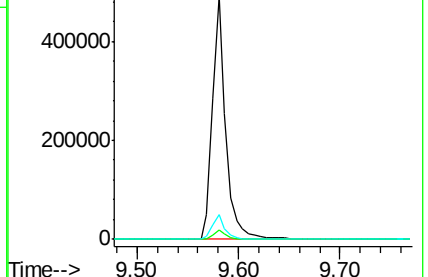
164 10.1 8.2 12.2



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. -0.02 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

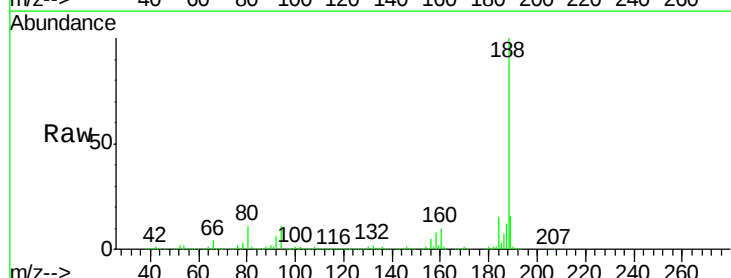
Tgt Ion:188 Resp: 871089

Ion Ratio Lower Upper

188 100

94 10.7 8.4 12.6

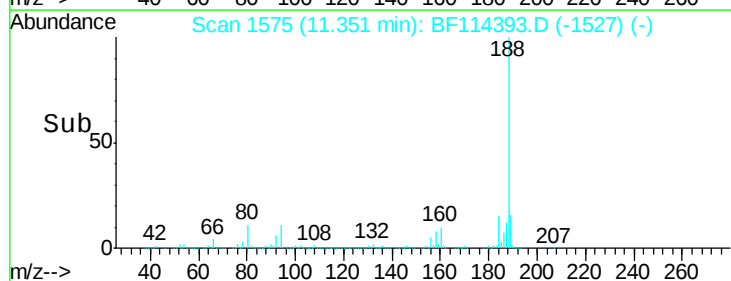
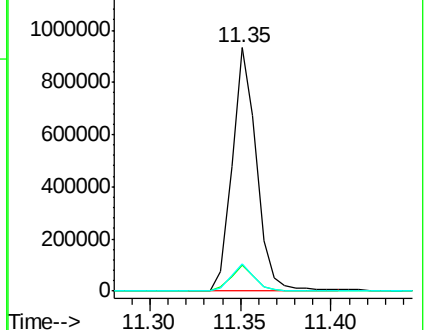
80 11.3 9.2 13.8

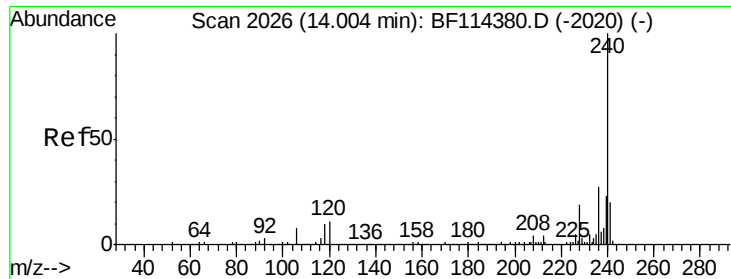


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2024

Delta R.T. -0.03 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

Instrument :

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ClientSampleId :

339

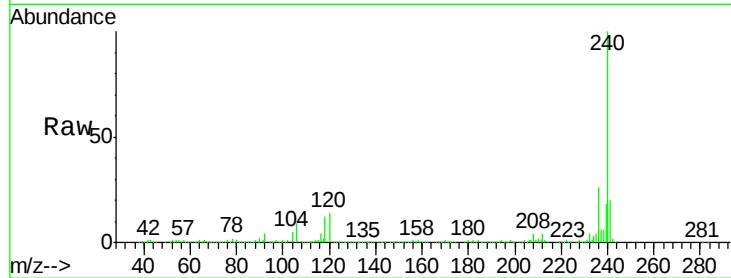
Tgt Ion:240 Resp: 642189

Ion Ratio Lower Upper

240 100

120 13.6 8.3 12.5#

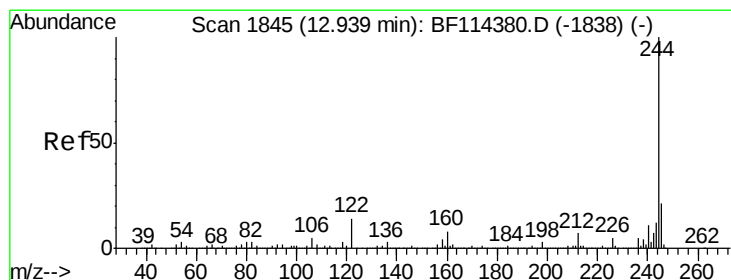
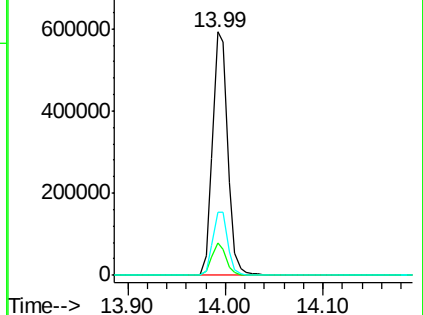
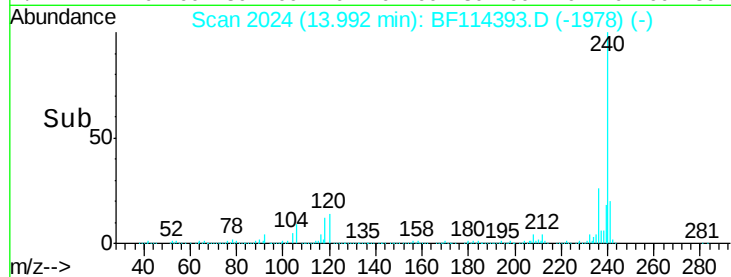
236 26.0 20.8 31.2



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: 50.766 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

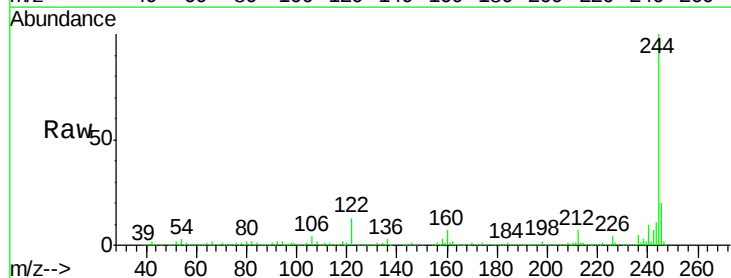
Tgt Ion:244 Resp: 1581489

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

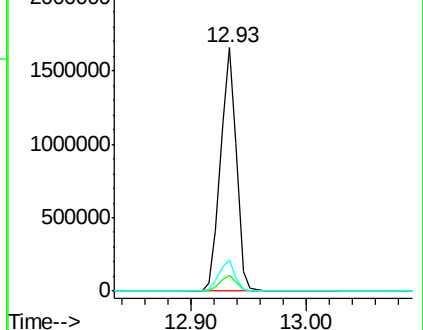
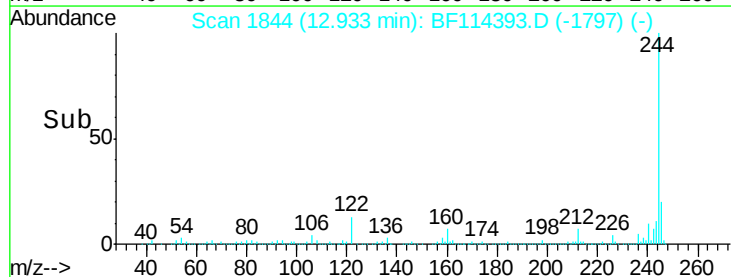
122 12.6 9.4 14.2

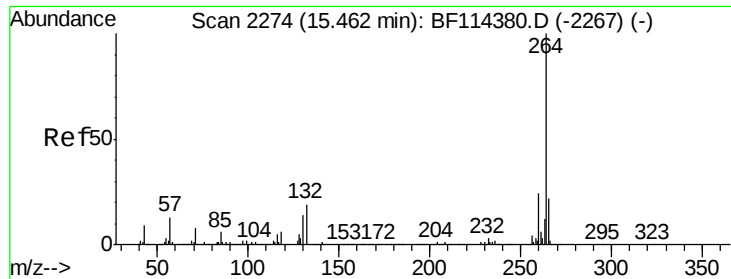


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.04 min
Lab File: BF114393.D
Acq: 18 May 2019 16:11

Instrument :
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ClientSampleId :
339

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.0	16.9	25.3

