

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116979.D
 Acq On : 12 Sep 2019 6:53
 Operator : HP/JU
 Sample : K4764-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPOSITE-1

Quant Time: Sep 12 08:40:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

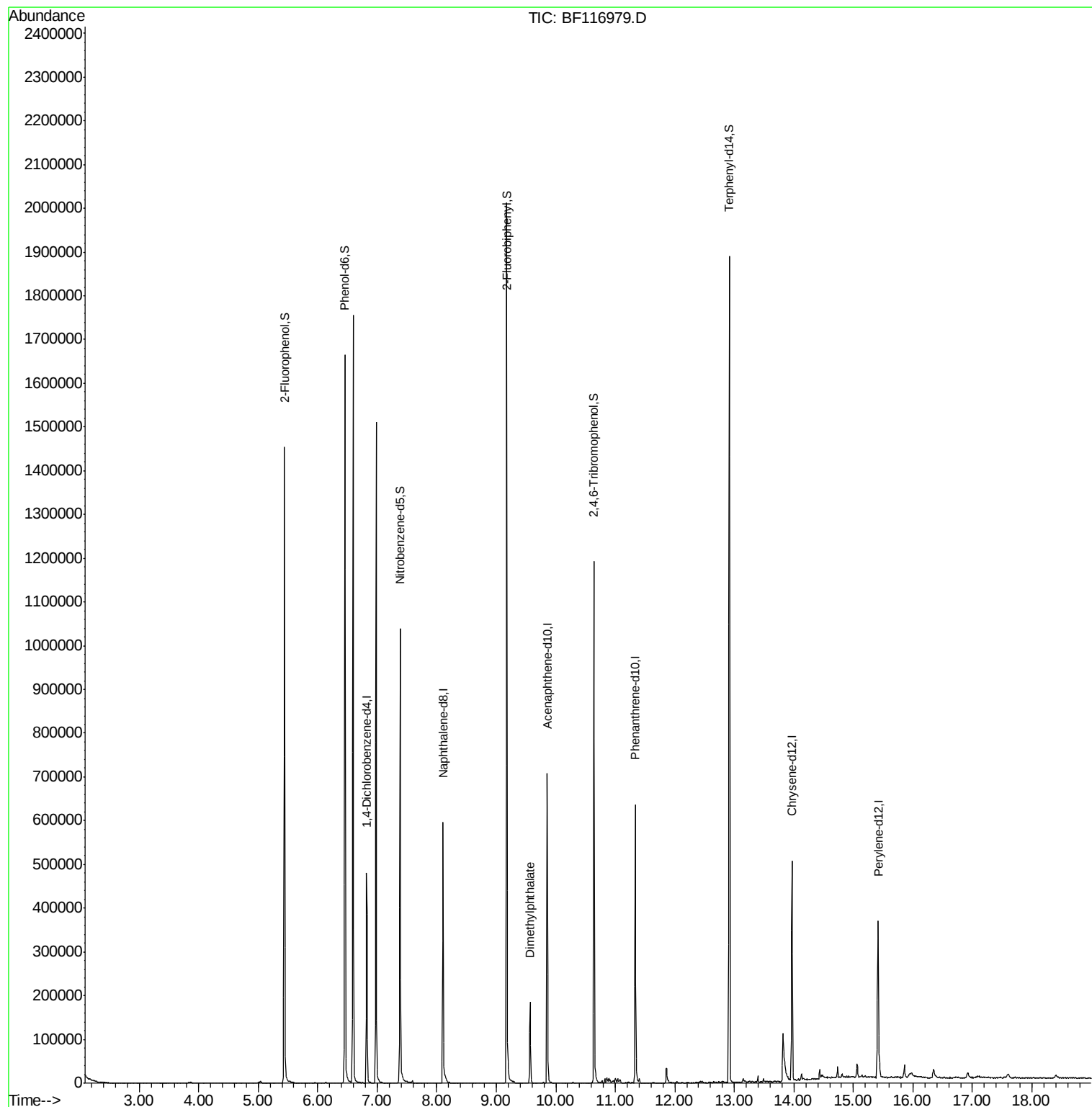
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	72465	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	292231	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	155293	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	265401	20.00	ng	0.00
76) Chrysene-d12	13.97	240	163570	20.00	ng	0.00
87) Perylene-d12	15.42	264	167406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	461149	103.10	ng	0.00
7) Phenol-d6	6.46	99	632149	107.63	ng	0.00
23) Nitrobenzene-d5	7.39	82	388526	75.90	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	131435	126.60	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	675908	73.42	ng	0.00
79) Terphenyl-d14	12.92	244	611840	69.20	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	75668	7.058	ng	Qvalue 100

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

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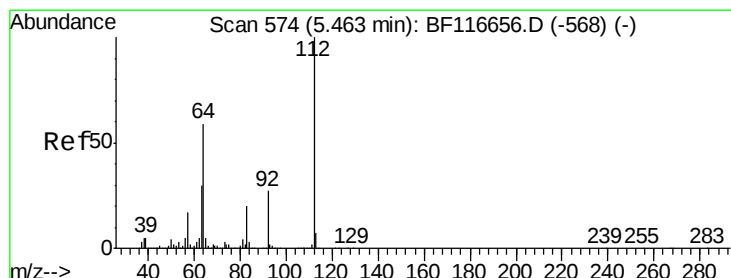
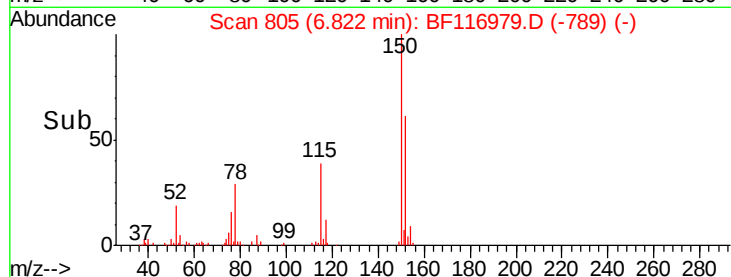
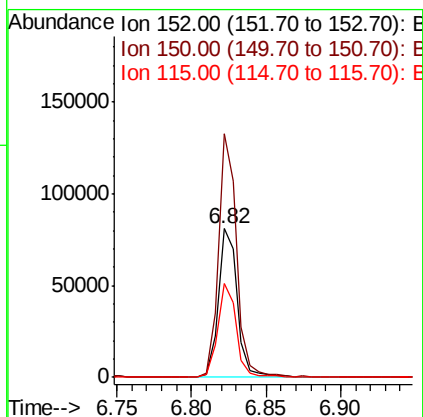
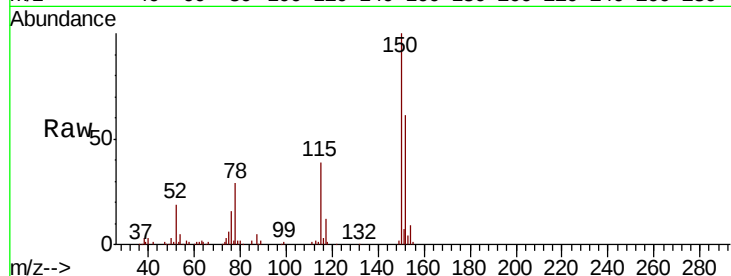


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116979.D
Acq: 12 Sep 2019 6:53

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPOSITE-1

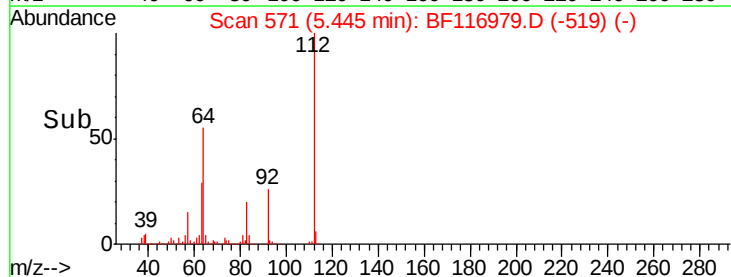
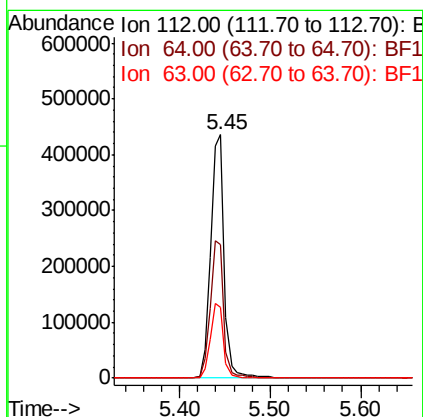
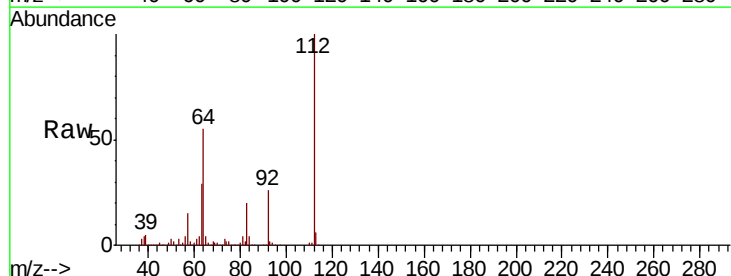
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.7	126.2	189.2
115	63.4	50.2	75.2



#5

2-Fluorophenol
Concen: 103.096 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116979.D
Acq: 12 Sep 2019 6:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.1	70.7
63	29.4	25.4	38.0





#7

Phenol-d6

Concen: 107.627 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116979.D

Acq: 12 Sep 2019 6:53

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPOSITE-1

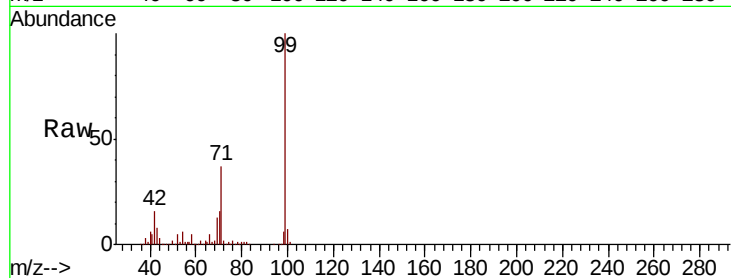
Tot Ion: 99 Resp: 632149

Ion Ratio Lower Upper

99 100

42 15.6 12.0 18.0

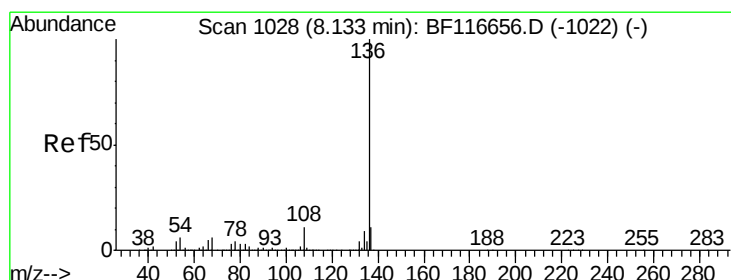
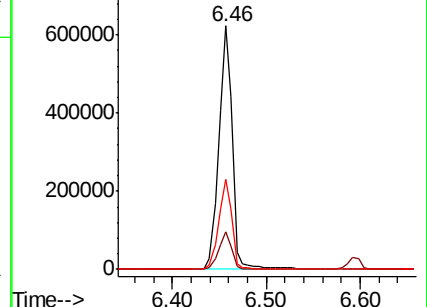
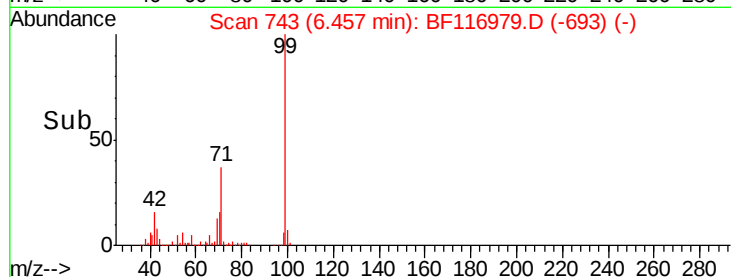
71 37.0 29.7 44.5



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF116979.D

Acq: 12 Sep 2019 6:53

Tgt Ion: 136 Resp: 292231

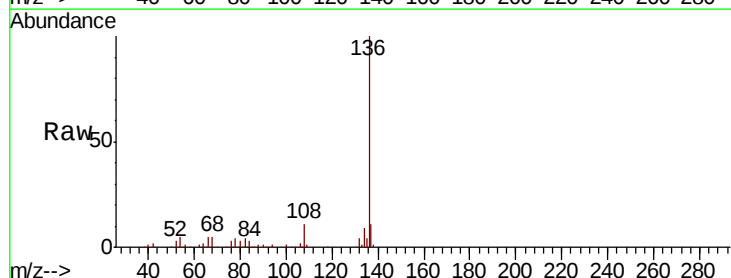
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 5.2 3.8 5.8

68 4.7 3.6 5.4

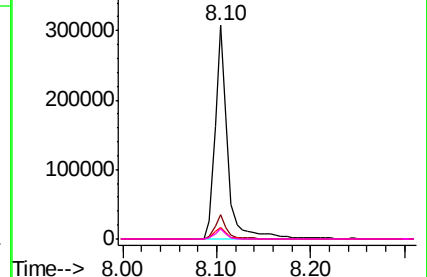
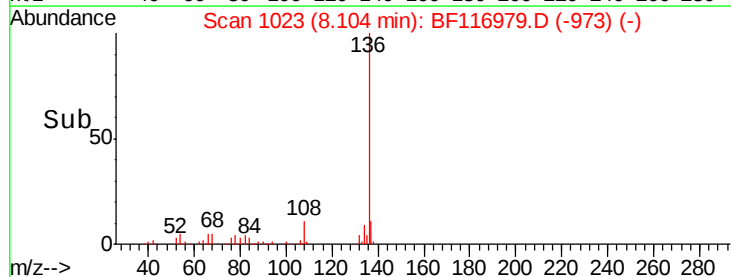


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.899 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF116979.D

Acq: 12 Sep 2019 6:53

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPOSITE-1

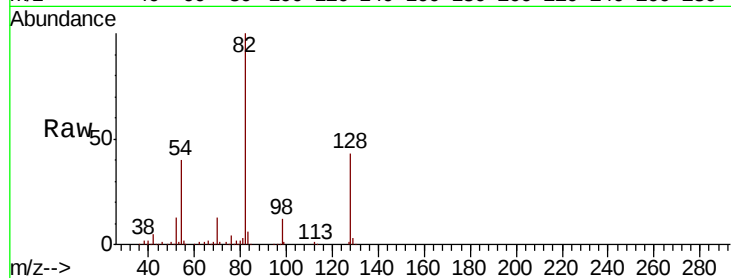
Tot Ion: 82 Resp: 388526

Ion Ratio Lower Upper

82 100

128 43.3 35.0 52.4

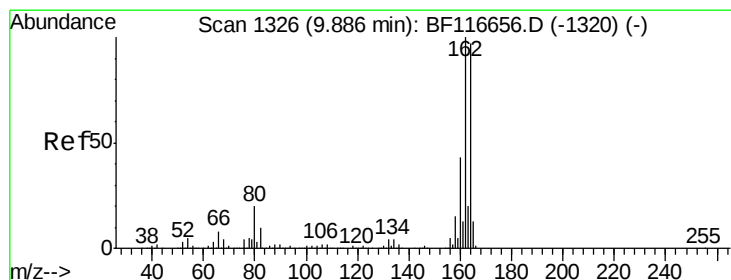
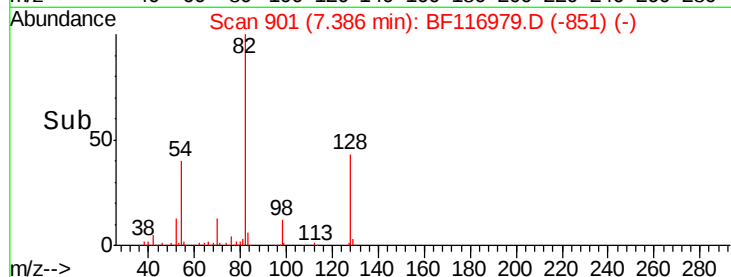
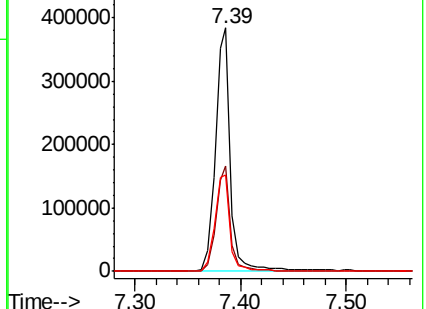
54 39.7 32.6 48.8



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: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF116979.D

Acq: 12 Sep 2019 6:53

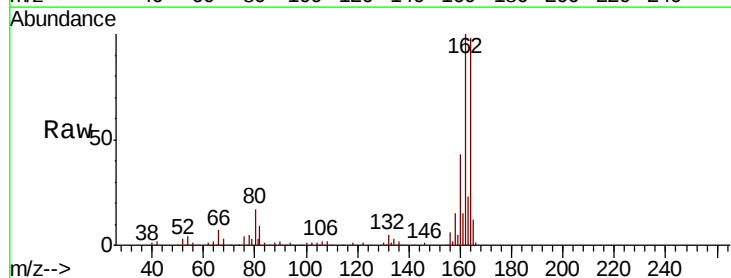
Tgt Ion: 164 Resp: 155293

Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.6

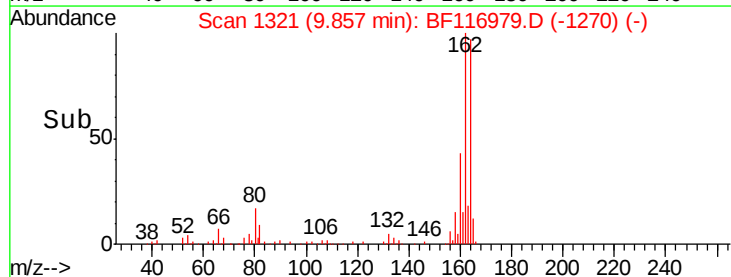
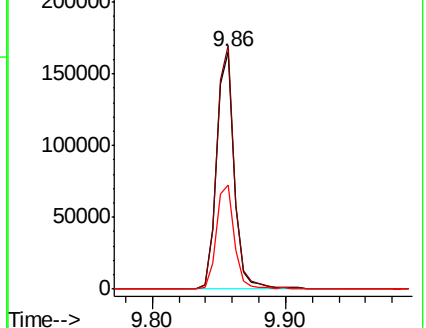
160 44.0 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 126.603 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF116979.D

Acq: 12 Sep 2019 6:53

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPOSITE-1

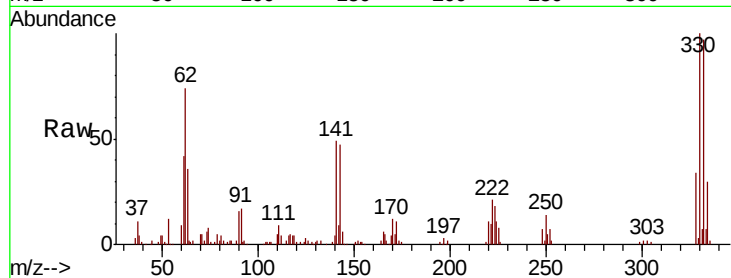
Tot Ion:330 Resp: 131435

Ion Ratio Lower Upper

330 100

332 95.4 75.9 113.9

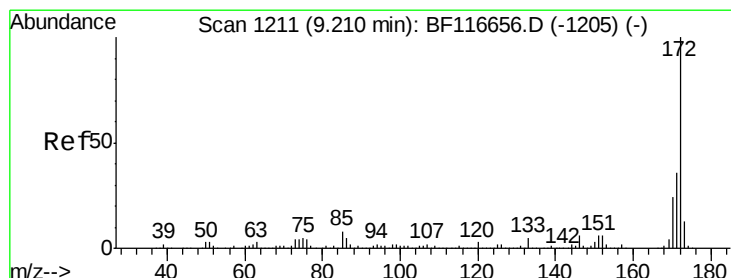
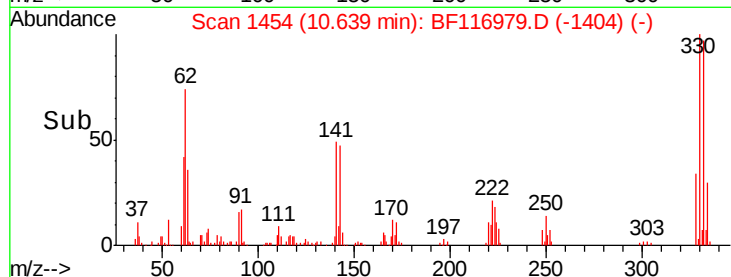
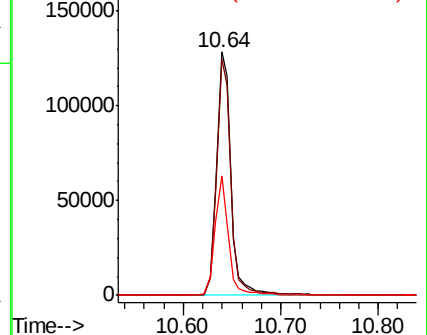
141 45.2 35.6 53.4



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: 73.422 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF116979.D

Acq: 12 Sep 2019 6:53

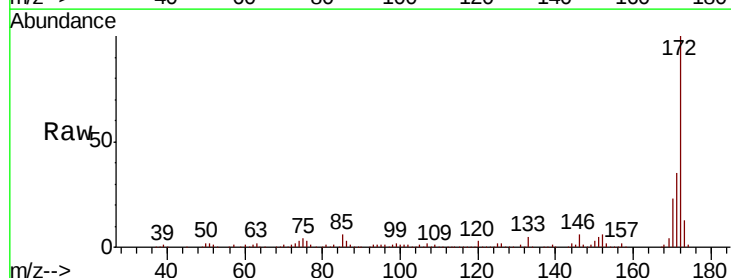
Tgt Ion:172 Resp: 675908

Ion Ratio Lower Upper

172 100

171 34.8 29.1 43.7

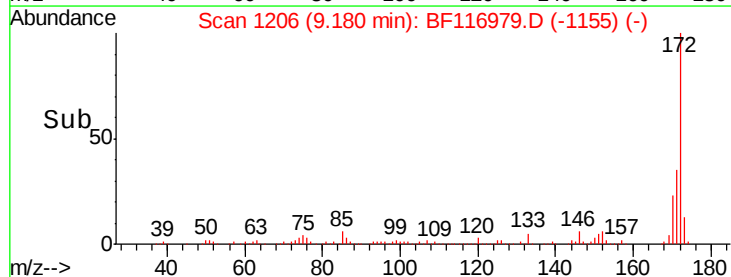
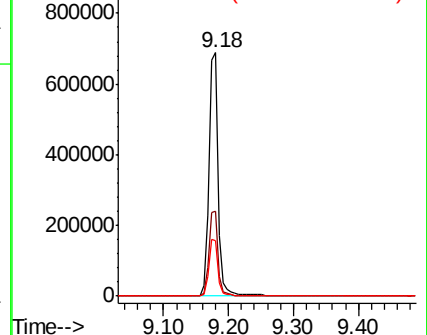
170 23.0 19.2 28.8



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: 7.058 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF116979.D

Acq: 12 Sep 2019 6:53

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPOSITE-1

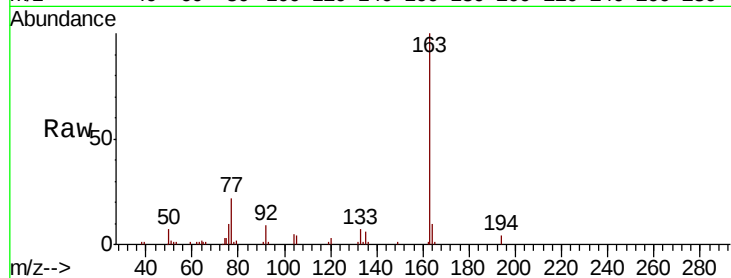
Tot Ion:163 Resp: 75668

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

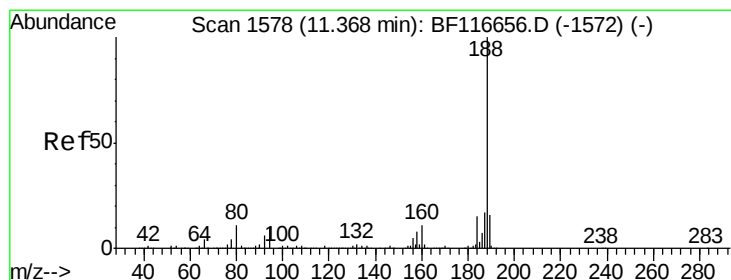
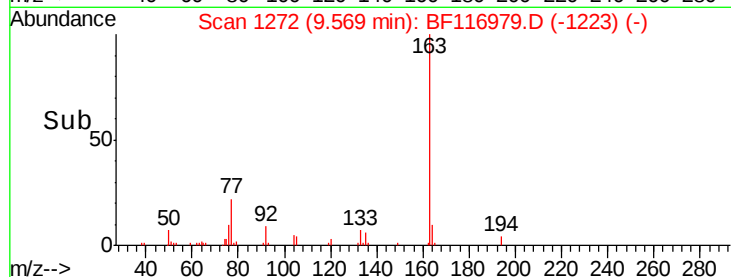
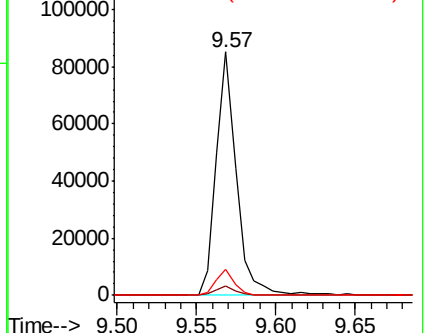
164 10.4 8.2 12.4



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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF116979.D

Acq: 12 Sep 2019 6:53

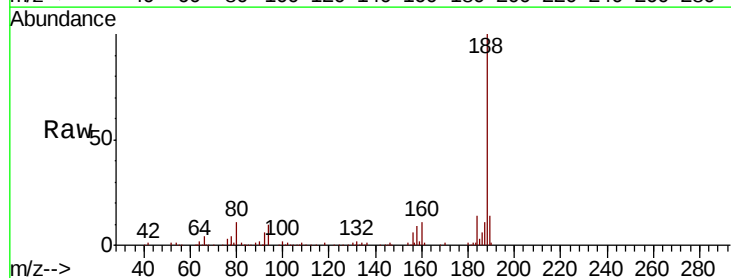
Tgt Ion:188 Resp: 265401

Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.2

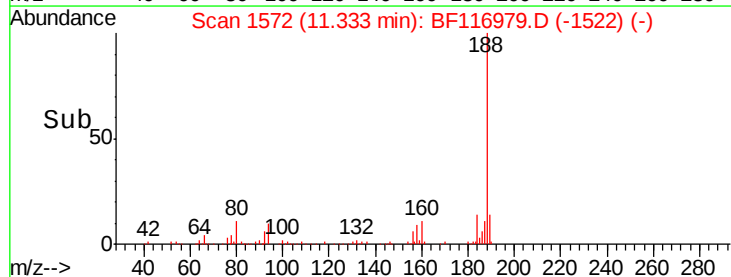
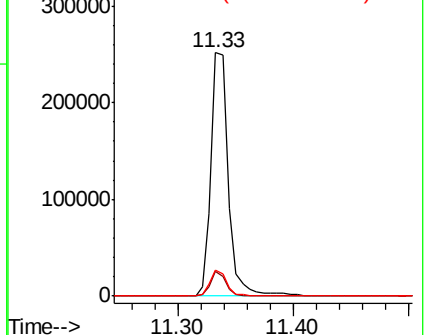
80 10.9 8.5 12.7



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

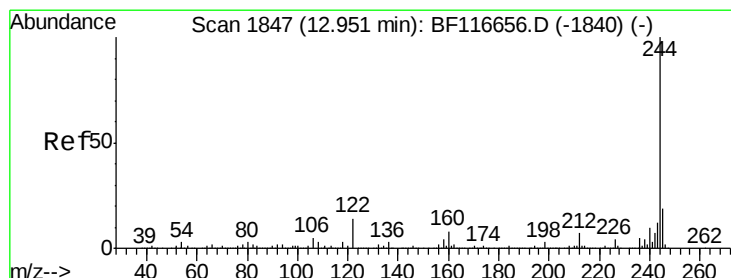
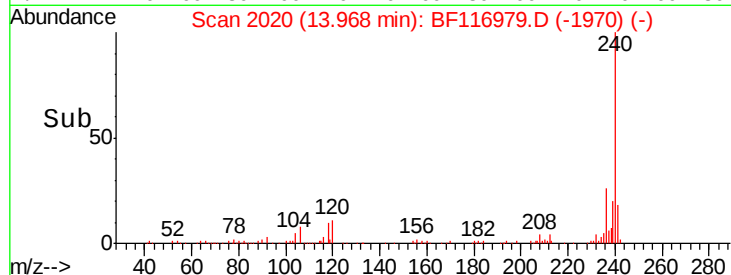
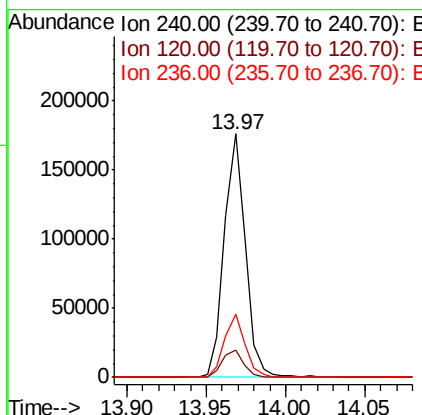
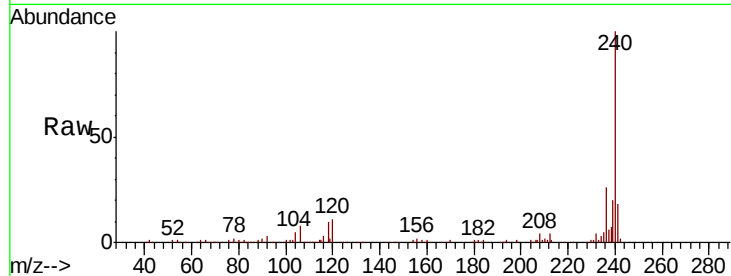




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116979.D
Acq: 12 Sep 2019 6:53

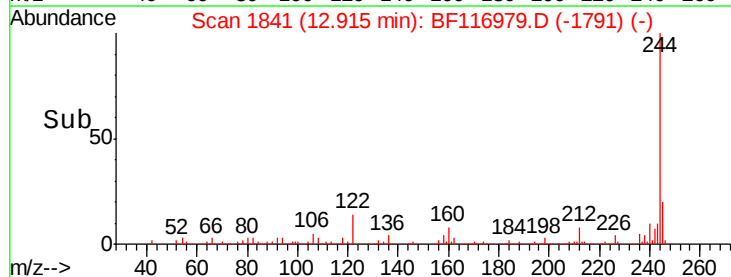
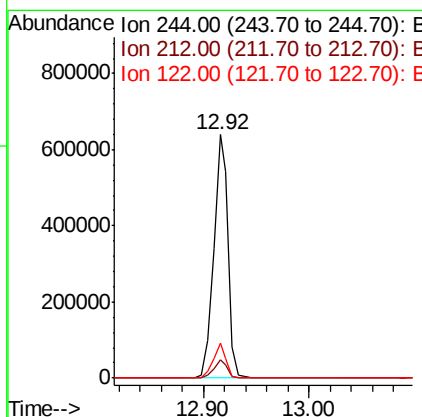
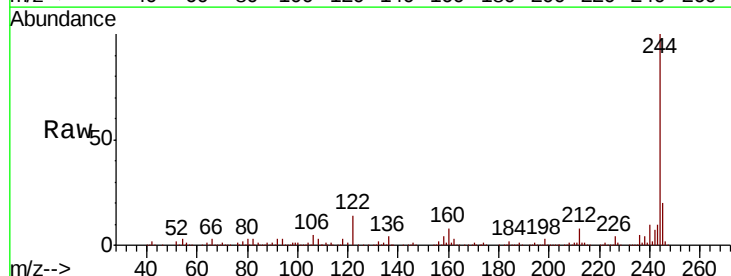
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPOSITE-1

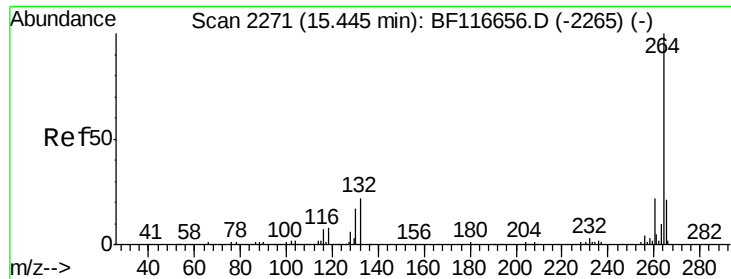
Tot Ion:240 Resp: 163570
Ion Ratio Lower Upper
240 100
120 11.3 9.1 13.7
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 69.198 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF116979.D
Acq: 12 Sep 2019 6:53

Tgt Ion:244 Resp: 611840
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 14.4 11.5 17.3





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BF116979.D
 Acq: 12 Sep 2019 6:53

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPOSITE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	20.9	17.9	26.9

