

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120936.D
 Acq On : 20 Jul 2020 16:40
 Operator : JU/CG
 Sample : L3344-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

Quant Time: Jul 21 04:37:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

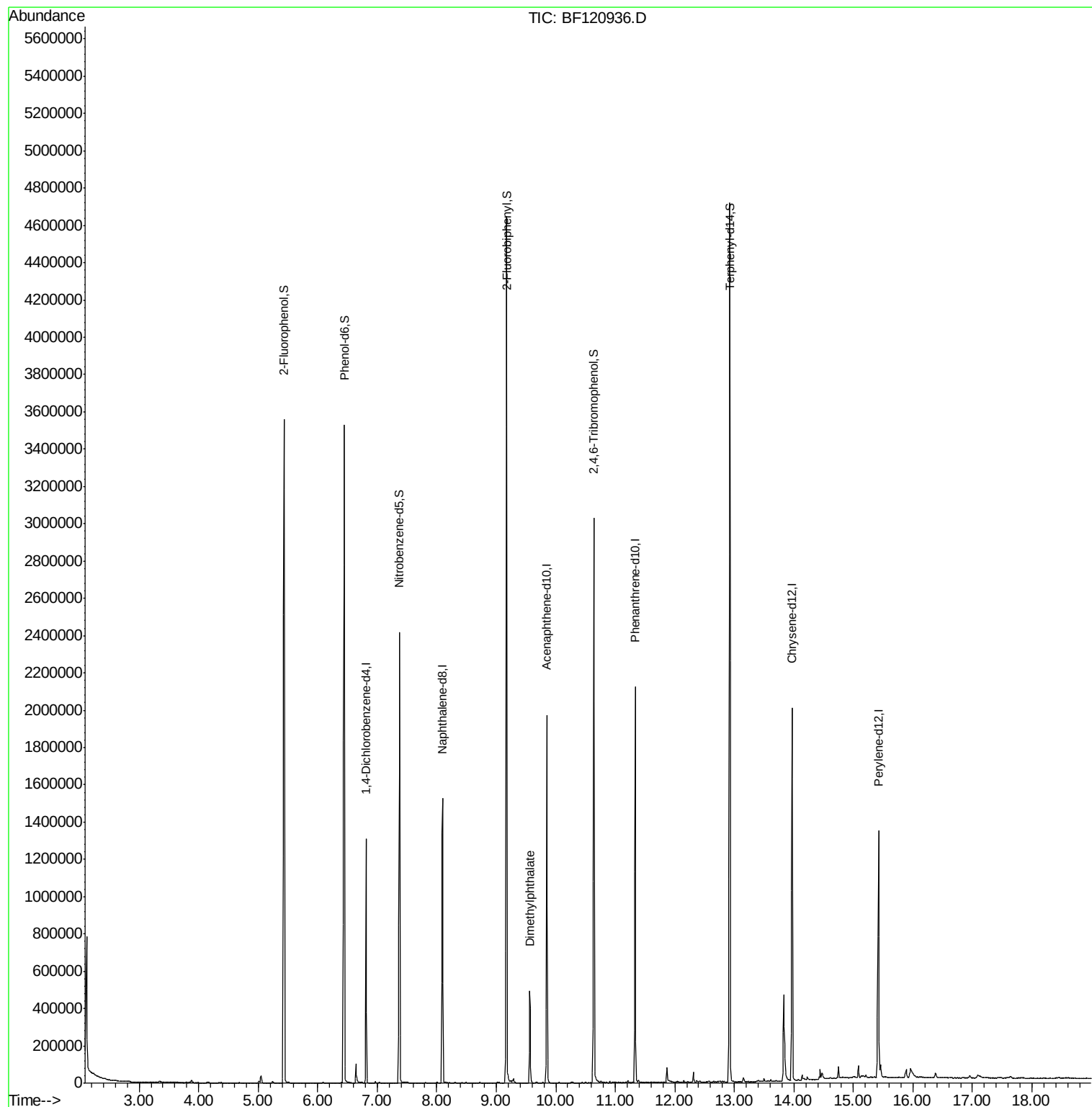
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	191594	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	741746	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	395872	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	780191	20.00	ng	0.00
76) Chrysene-d12	13.97	240	683046	20.00	ng	0.00
86) Perylene-d12	15.42	264	630698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1215792	104.03	ng	0.01
7) Phenol-d6	6.45	99	1495842	99.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	946859	73.86	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	462256	106.68	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1737133	65.52	ng	0.00
79) Terphenyl-d14	12.93	244	1858759	59.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	202308	7.084	ng	Qvalue 99

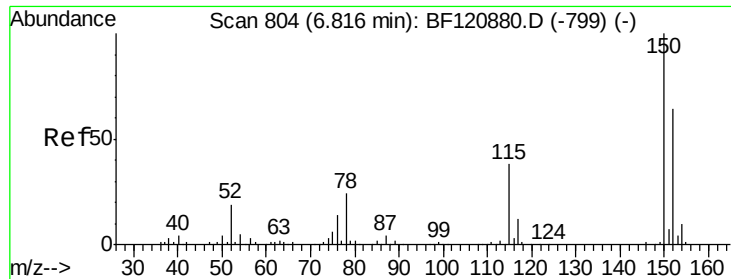
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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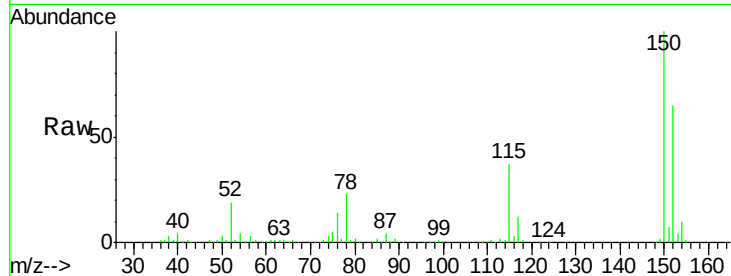


#1

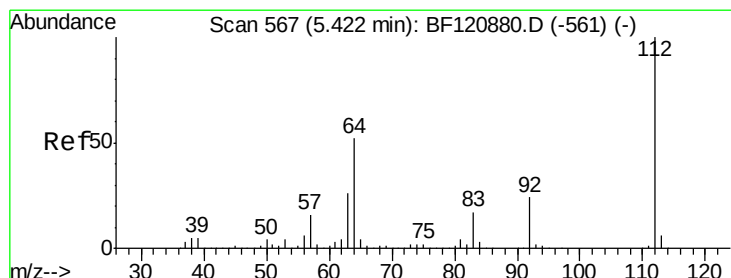
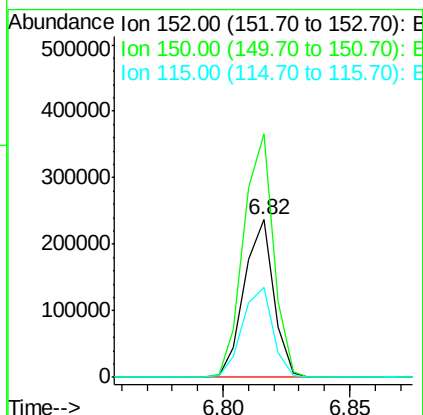
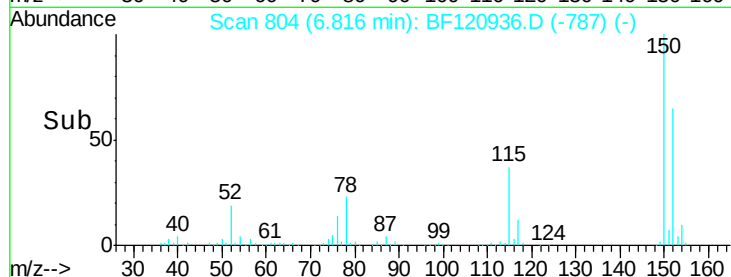
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120936.D
Acq: 20 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tot Ion:152 Resp: 191594
Ion Ratio Lower Upper
152 100
150 154.5 125.0 187.6
115 57.5 47.0 70.4



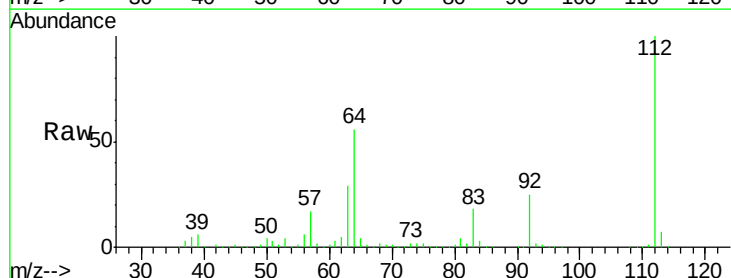
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



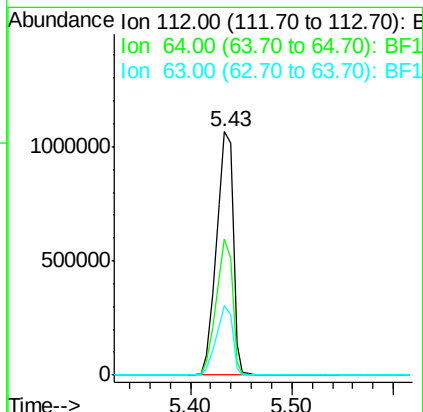
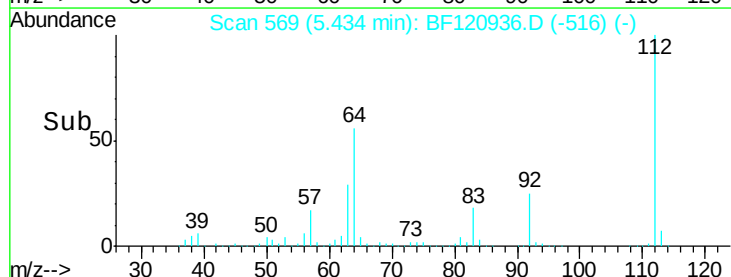
#5

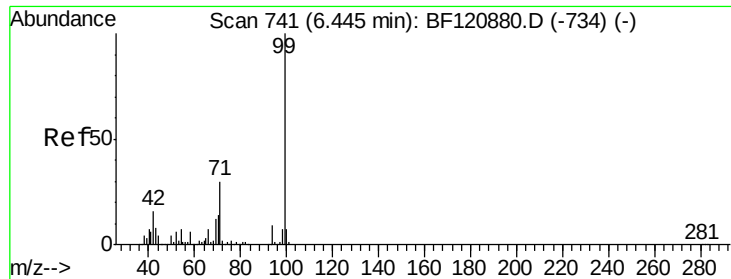
2-Fluorophenol
Concen: 104.028 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120936.D
Acq: 20 Jul 2020 16:40

Tgt Ion:112 Resp: 1215792
Ion Ratio Lower Upper
112 100
64 56.0 41.3 61.9
63 28.6 21.1 31.7



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: 99.083 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

Instrument :

BNA_F

ClientSampleId :

TP-14-D

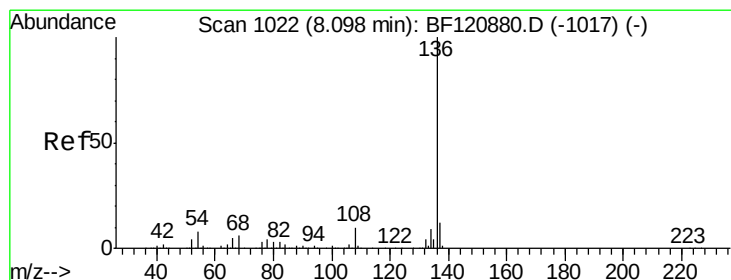
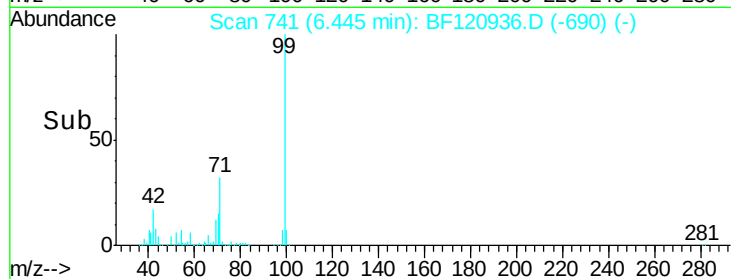
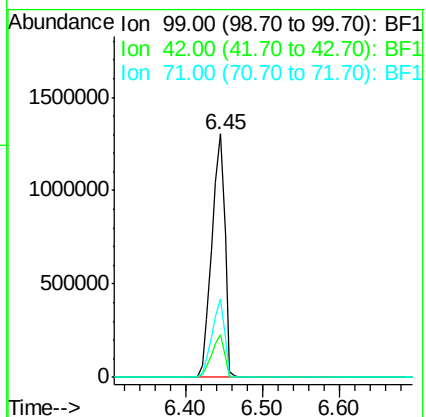
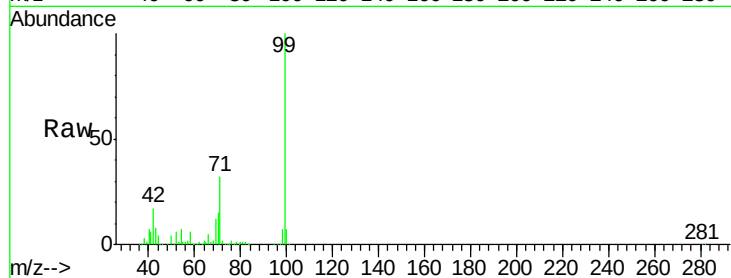
Tot Ion: 99 Resp: 1495842

Ion Ratio Lower Upper

99 100

42 17.3 13.1 19.7

71 32.0 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

Tgt Ion: 136 Resp: 741746

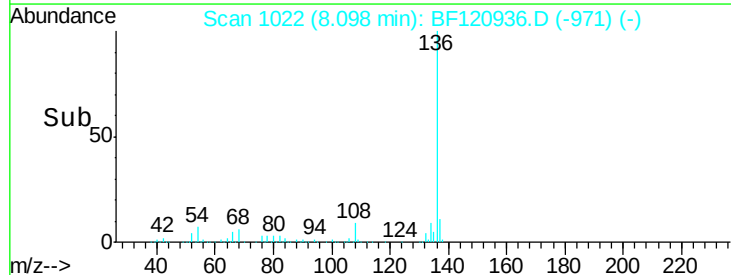
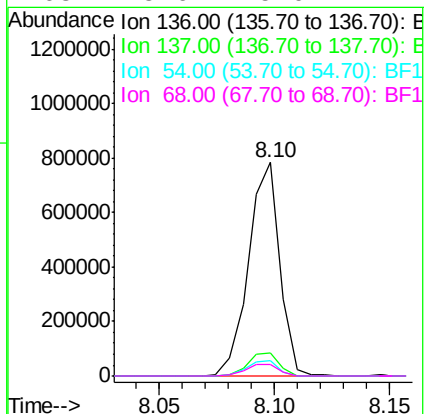
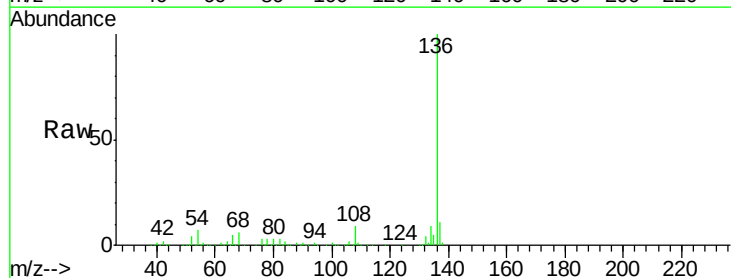
Ion Ratio Lower Upper

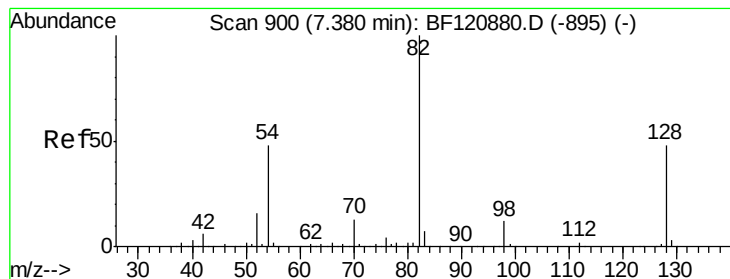
136 100

137 10.6 9.3 13.9

54 7.0 6.3 9.5

68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 73.864 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

Instrument :

BNA_F

ClientSampleId :

TP-14-D

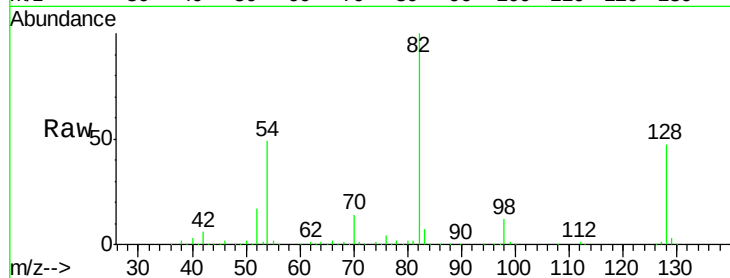
Tot Ion: 82 Resp: 946859

Ion Ratio Lower Upper

82 100

128 46.7 38.2 57.4

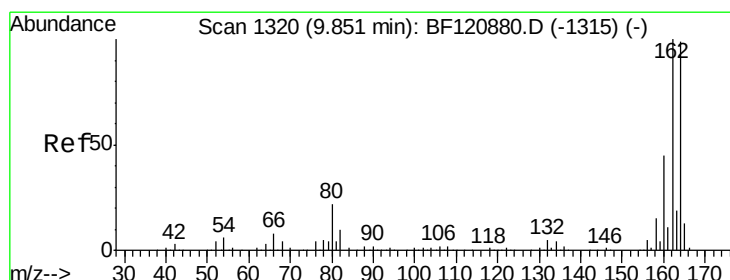
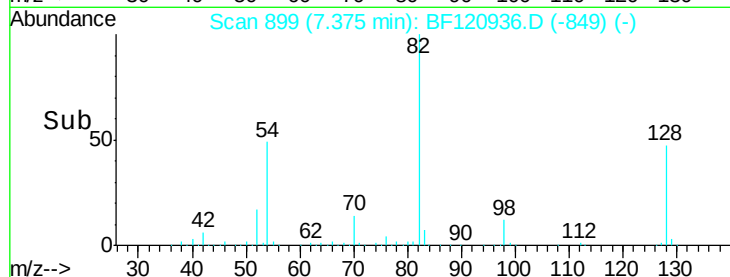
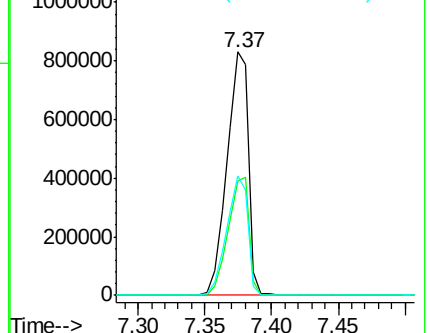
54 48.9 38.7 58.1



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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

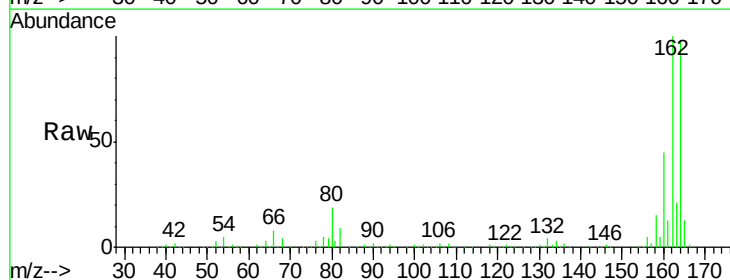
Tgt Ion:164 Resp: 395872

Ion Ratio Lower Upper

164 100

162 101.6 81.2 121.8

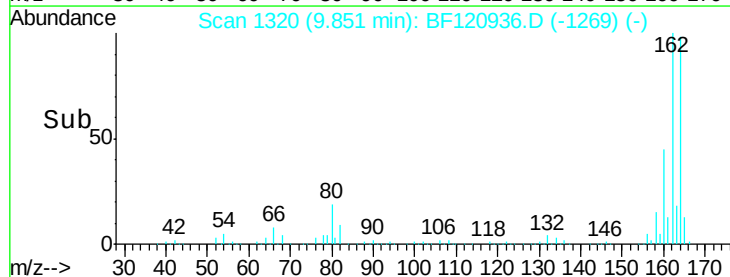
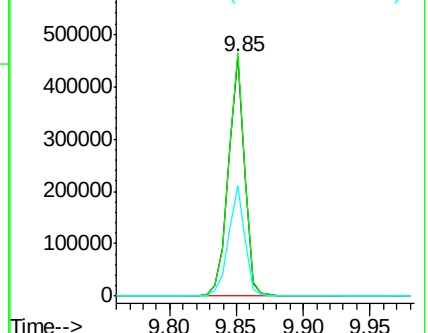
160 46.2 36.9 55.3

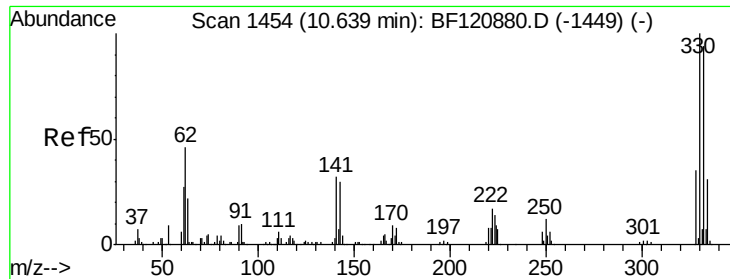


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

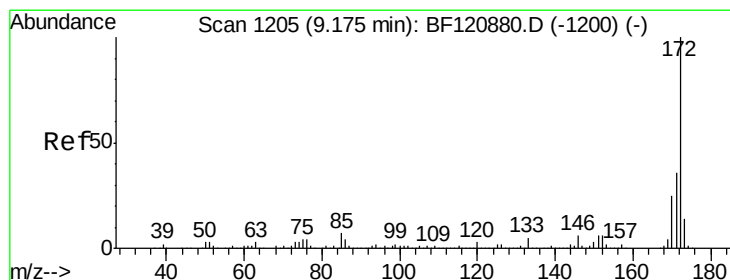
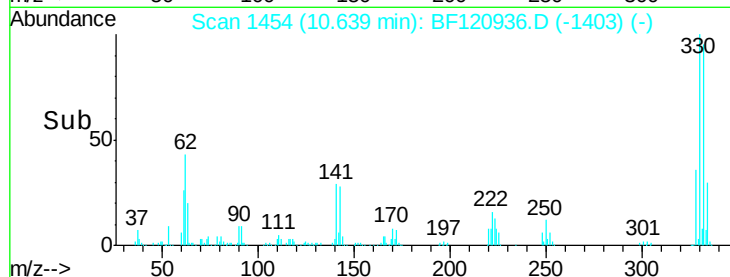
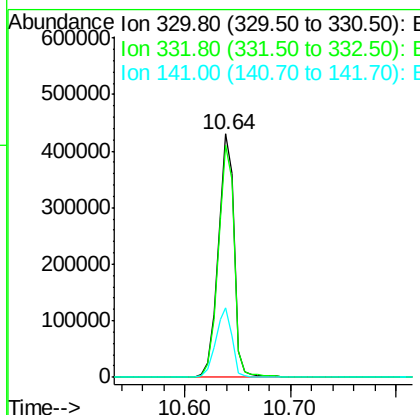
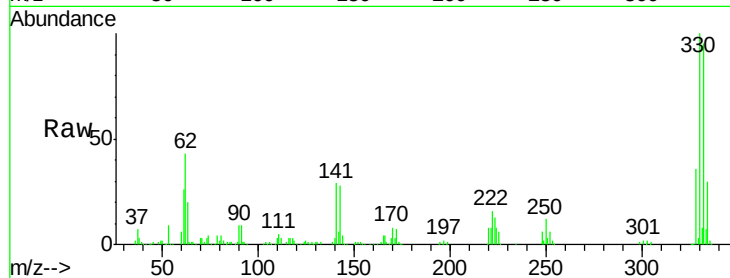




#42
 2,4,6-Tribromophenol
 Concen: 106.677 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120936.D
 Acq: 20 Jul 2020 16:40

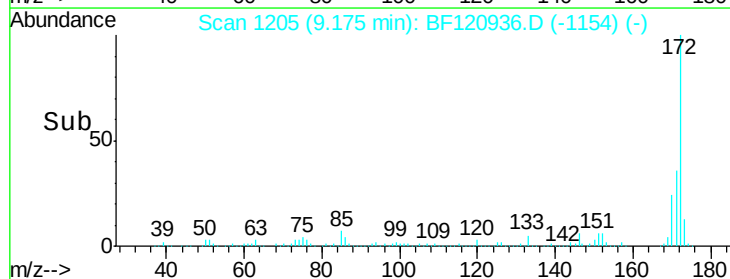
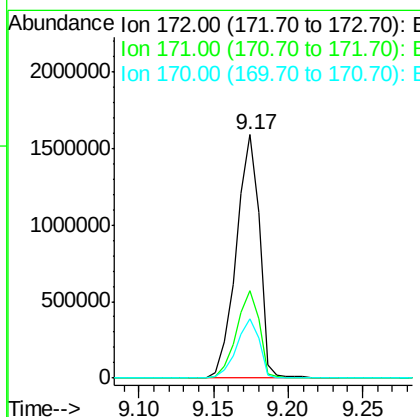
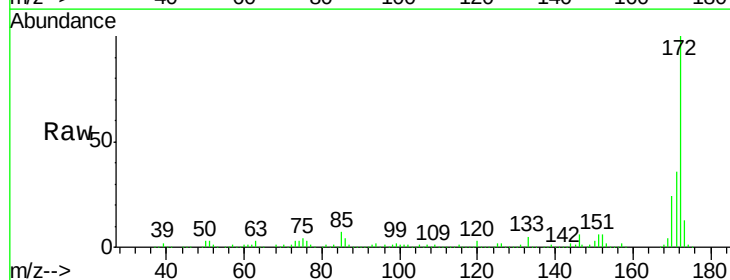
Instrument :
 BNA_F
 ClientSampled :
 TP-14-D

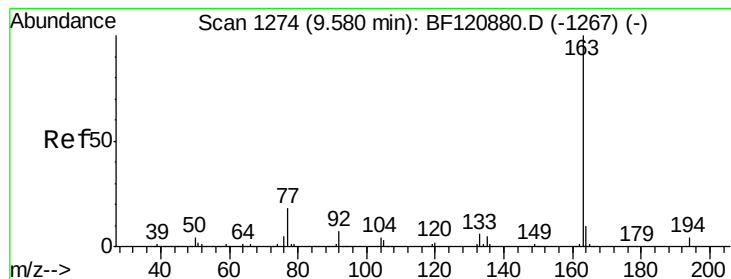
Tot Ion	330	Resp	462256
Ion Ratio	100	Lower	Upper
330	100		
332	96.5	75.5	113.3
141	29.6	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 65.516 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120936.D
 Acq: 20 Jul 2020 16:40

Tgt Ion	172	Resp	1737133
Ion Ratio	100	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.5	19.6	29.4





#50

Dimethylphthalate

Concen: 7.084 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

Instrument :

BNA_F

ClientSampleId :

TP-14-D

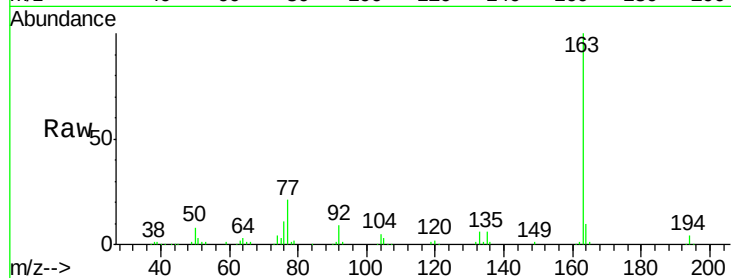
Tot Ion:163 Resp: 202308

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

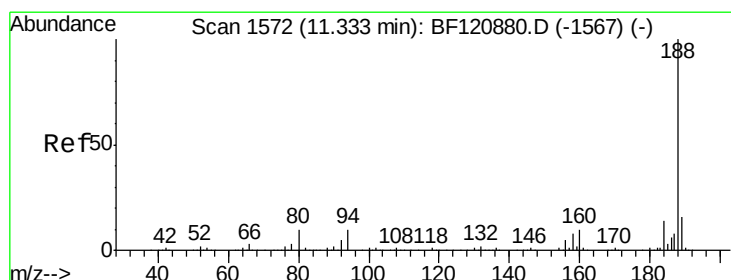
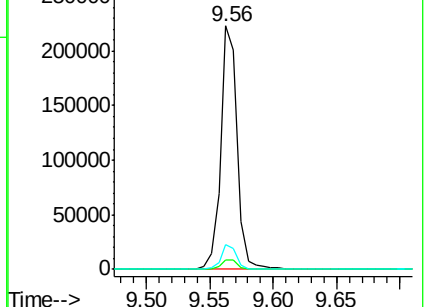
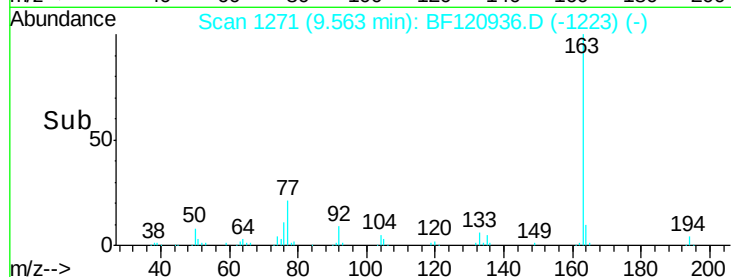
164 10.1 7.9 11.9



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. 0.00 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

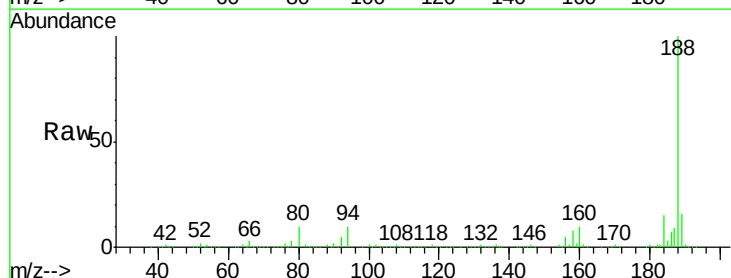
Tgt Ion:188 Resp: 780191

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

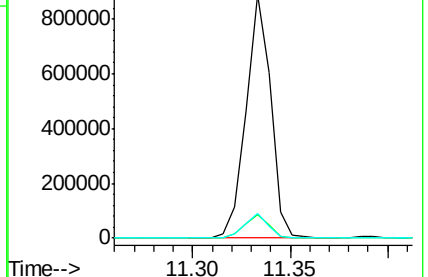
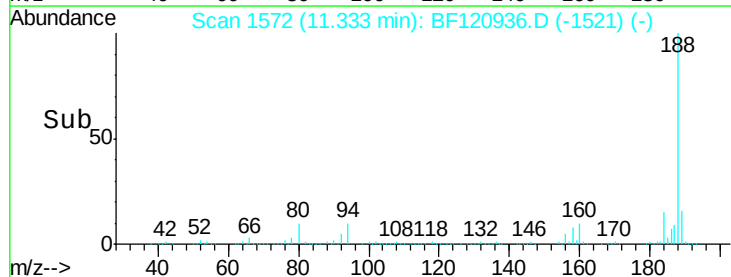
80 10.0 8.3 12.5

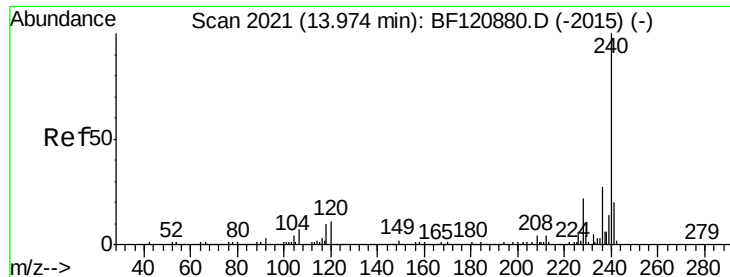


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF120936.D

Acq: 20 Jul 2020 16:40

Instrument :

BNA_F

ClientSampleId :

TP-14-D

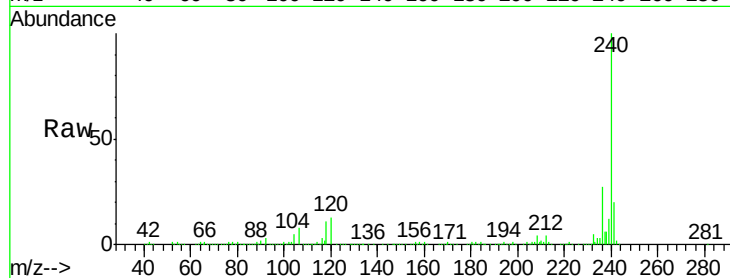
Tot Ion:240 Resp: 683046

Ion Ratio Lower Upper

240 100

120 12.9 9.0 13.4

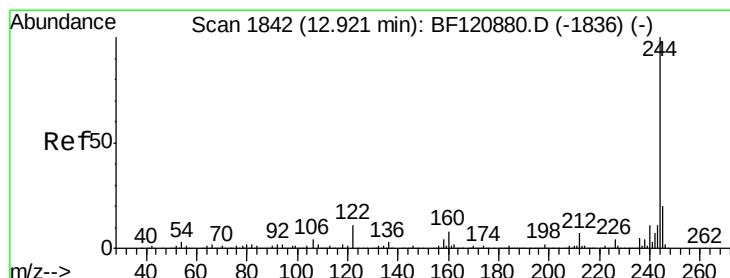
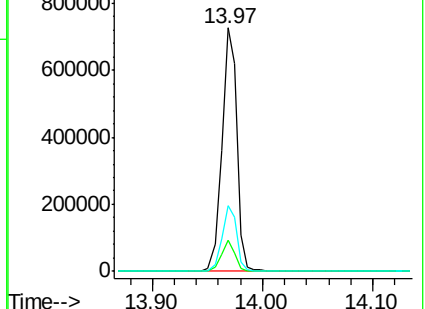
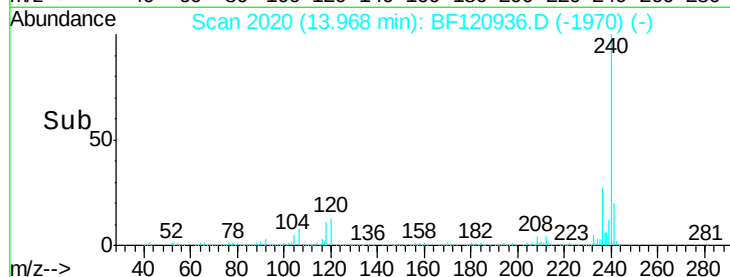
236 26.8 21.7 32.5



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: 59.155 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

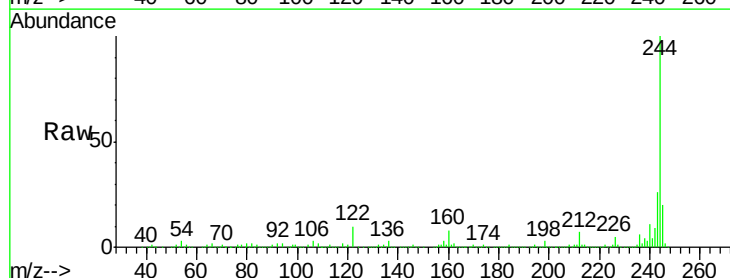
Tgt Ion:244 Resp: 1858759

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

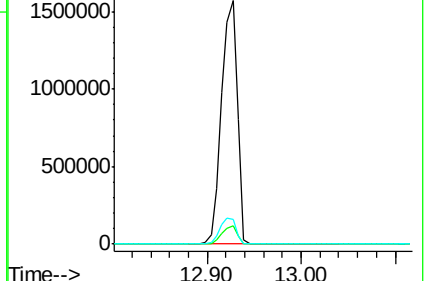
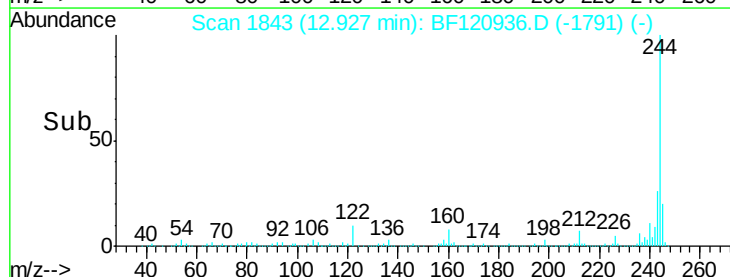
122 10.3 8.9 13.3

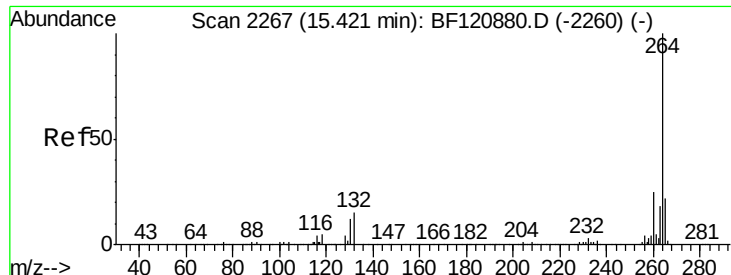


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120936.D
Acq: 20 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.0	30.0
265	21.6	17.4	26.2

