

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF118997.D
 Acq On : 21 Feb 2020 17:20
 Operator : CG/JU
 Sample : L1613-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-EP2-3

Quant Time: Feb 24 02:36:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

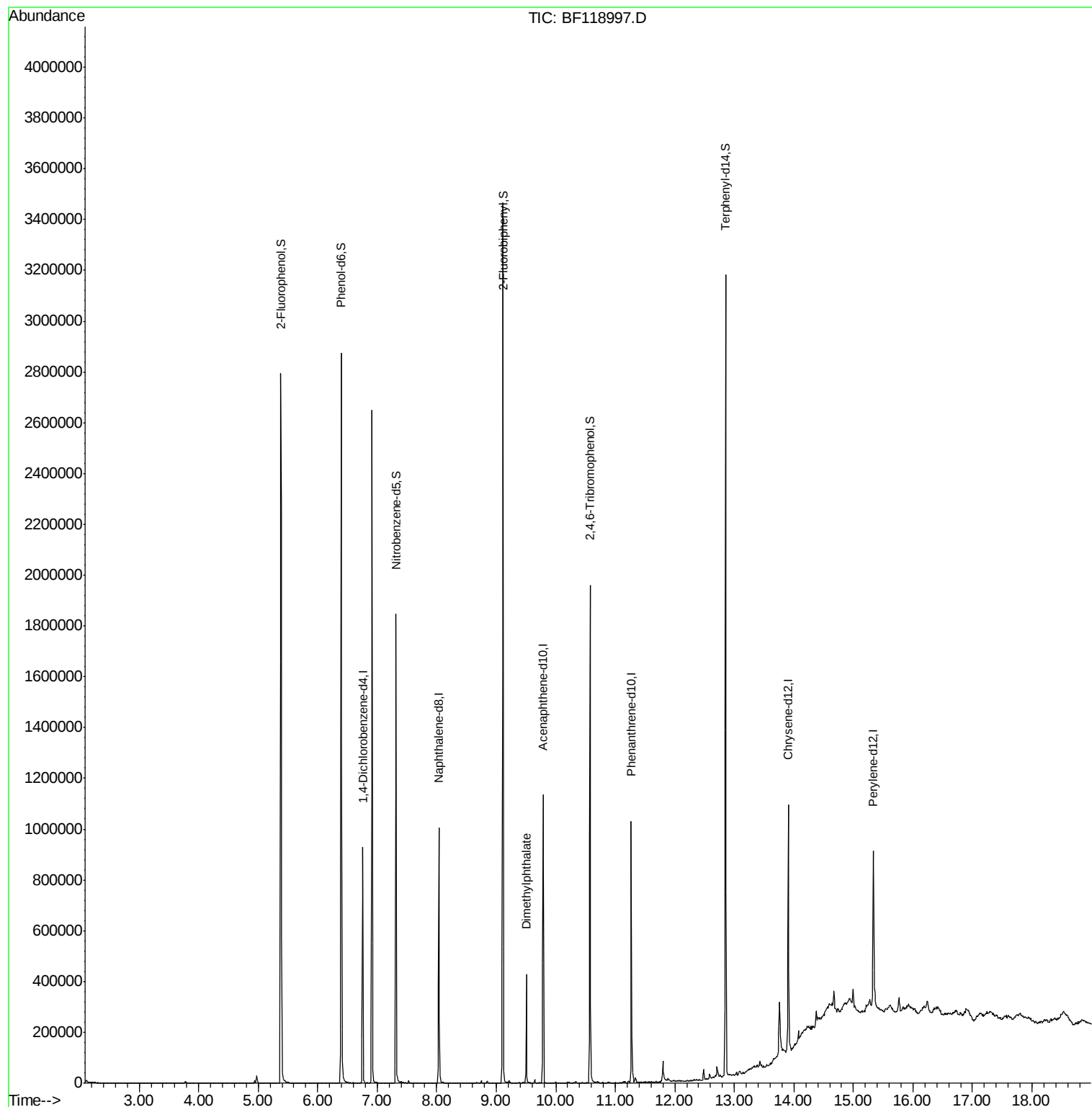
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	147380	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	508061	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	232137	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	375892	20.00	ng	0.00
76) Chrysene-d12	13.90	240	340384	20.00	ng	0.00
87) Perylene-d12	15.33	264	295394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	870034	98.66	ng	0.00
7) Phenol-d6	6.40	99	1028549	95.90	ng	0.00
23) Nitrobenzene-d5	7.32	82	645924	67.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	257464	84.78	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1160310	73.63	ng	-0.01
79) Terphenyl-d14	12.86	244	1203096	60.85	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	158260	8.916	ng	Qvalue 100

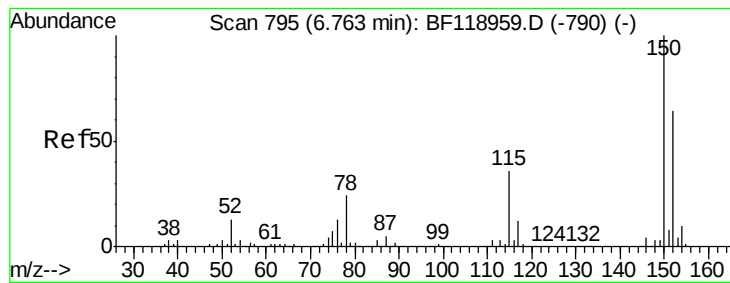
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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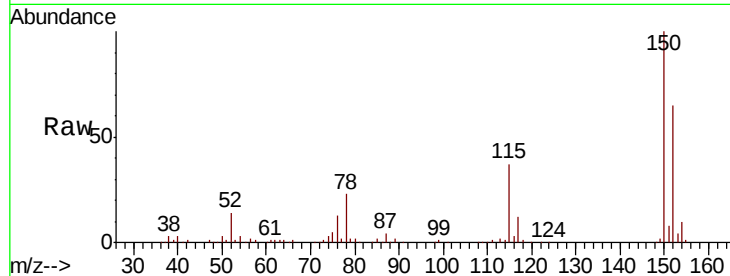


#1

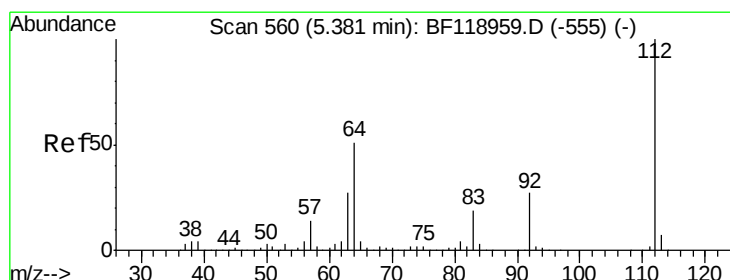
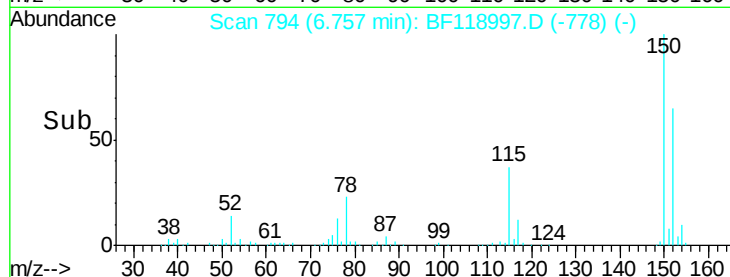
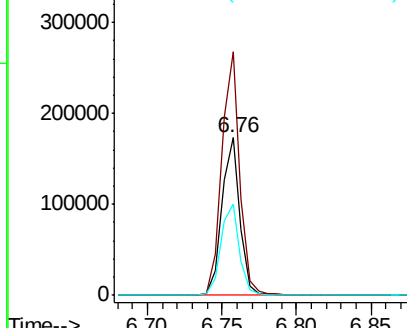
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118997.D
Acq: 21 Feb 2020 17:20

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3

Tot Ion:152 Resp: 147380
Ion Ratio Lower Upper
152 100
150 154.8 124.3 186.5
115 57.7 44.6 67.0



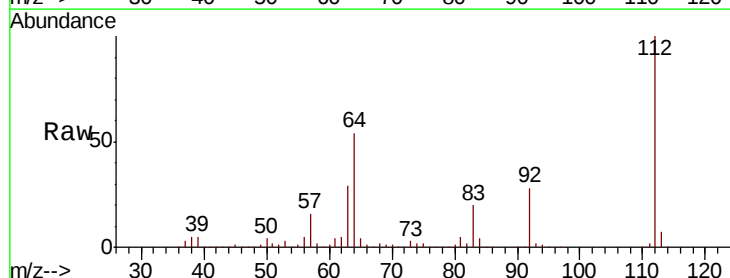
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



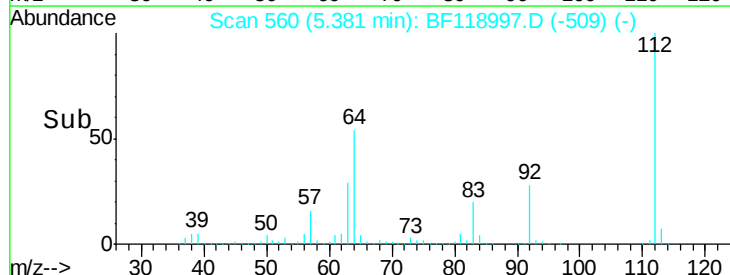
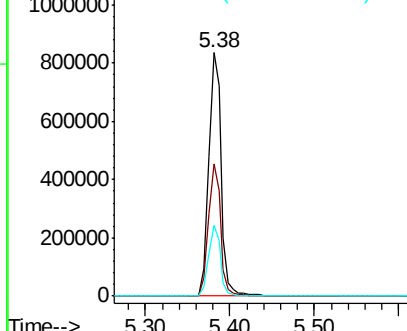
#5

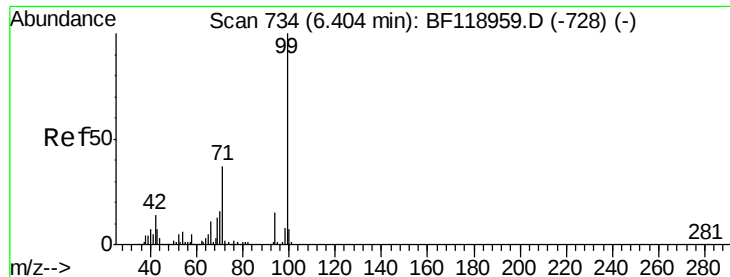
2-Fluorophenol
Concen: 98.655 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF118997.D
Acq: 21 Feb 2020 17:20

Tgt Ion:112 Resp: 870034
Ion Ratio Lower Upper
112 100
64 54.3 40.4 60.6
63 29.1 21.3 31.9



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: 95.898 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

Instrument :

BNA_F

ClientSampleId :

TP-14-EP2-3

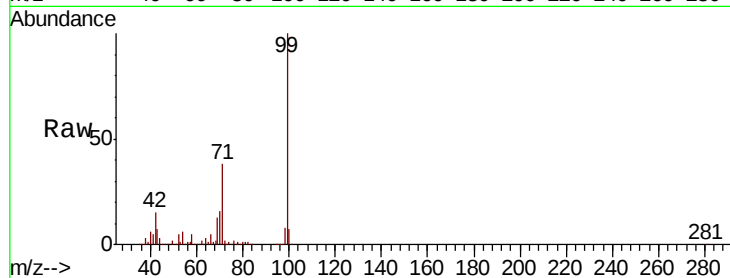
Tot Ion: 99 Resp: 1028549

Ion Ratio Lower Upper

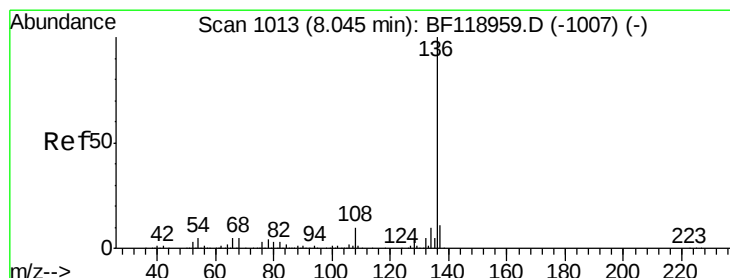
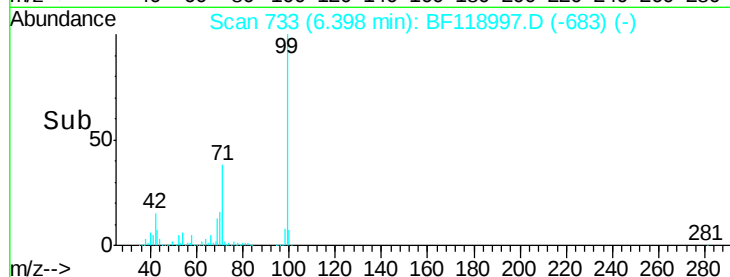
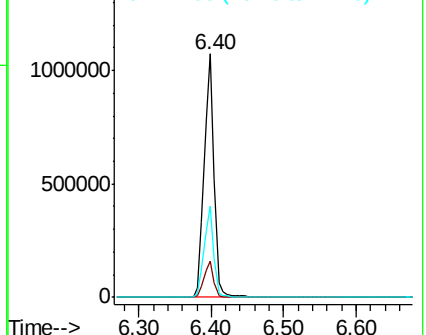
99 100

42 14.7 11.4 17.0

71 37.7 29.8 44.6



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: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

Tgt Ion: 136 Resp: 508061

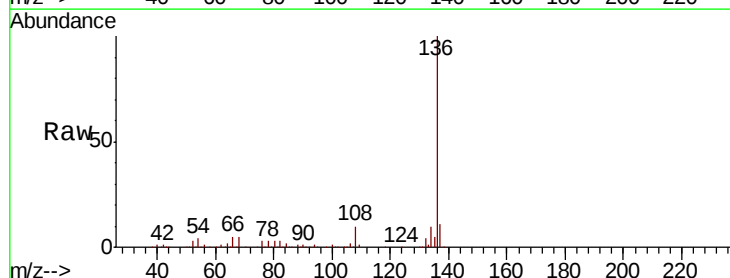
Ion Ratio Lower Upper

136 100

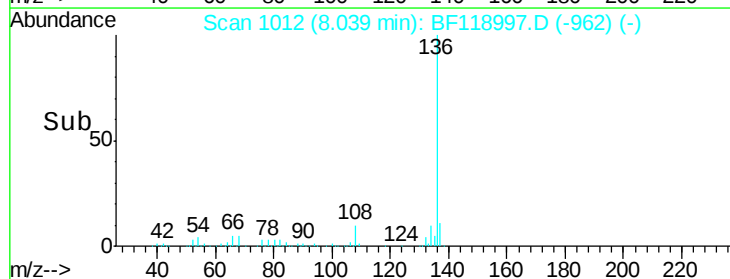
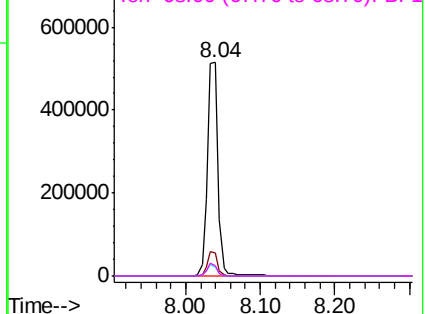
137 10.7 8.9 13.3

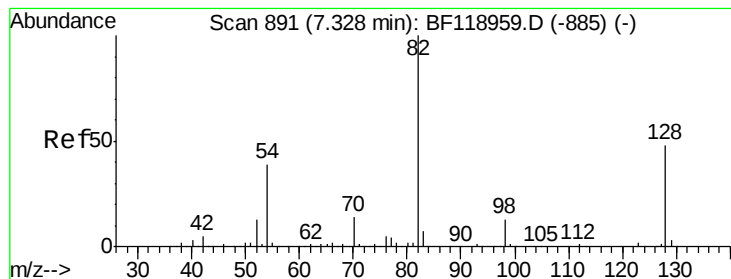
54 4.5 3.8 5.6

68 5.0 4.2 6.2



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: 67.127 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

Instrument :

BNA_F

ClientSampled :

TP-14-EP2-3

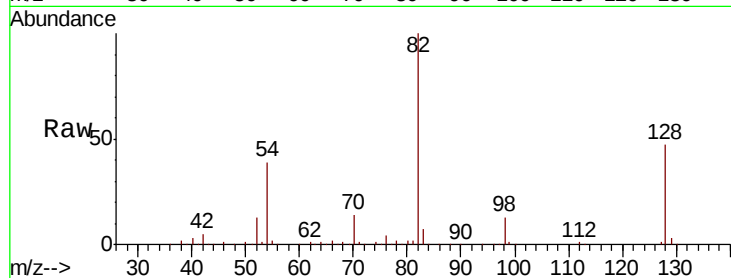
Tot Ion: 82 Resp: 645924

Ion Ratio Lower Upper

82 100

128 46.6 38.2 57.2

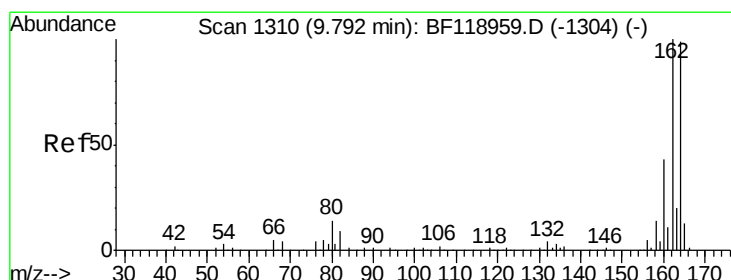
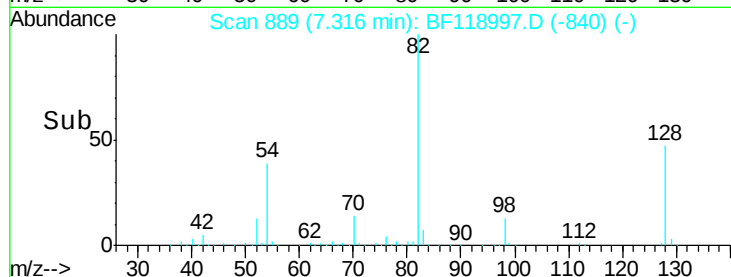
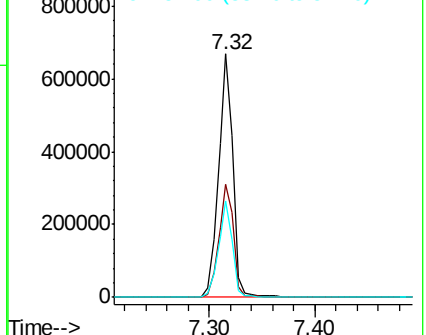
54 39.4 31.3 46.9



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: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

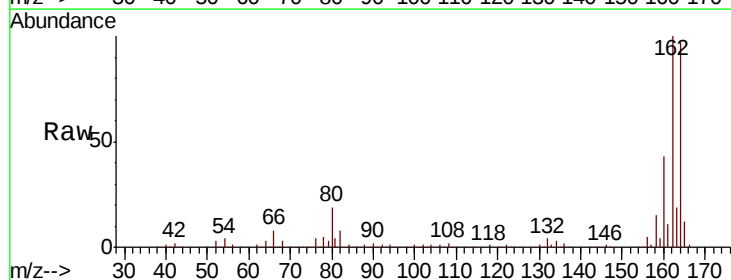
Tgt Ion: 164 Resp: 232137

Ion Ratio Lower Upper

164 100

162 103.0 81.2 121.8

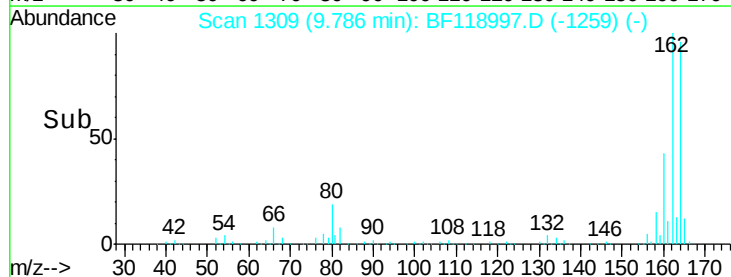
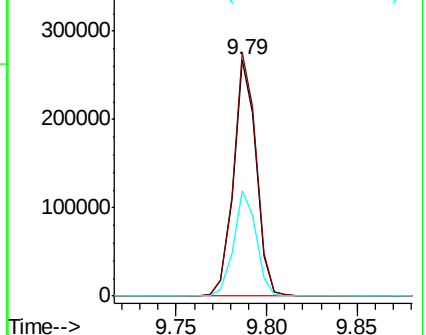
160 44.7 35.2 52.8

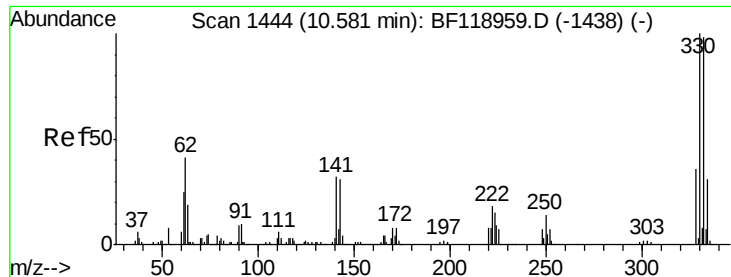


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

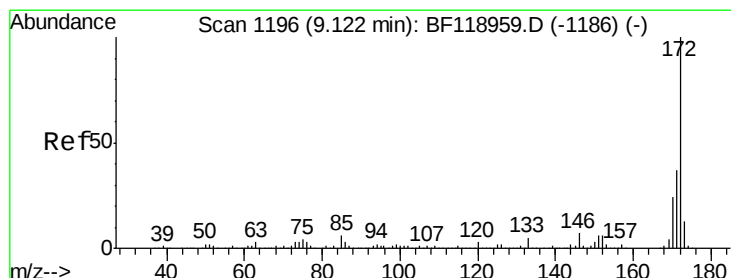
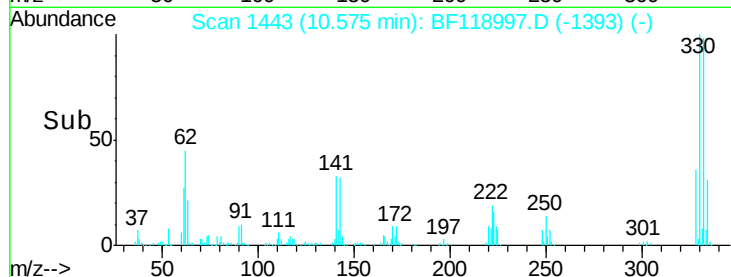
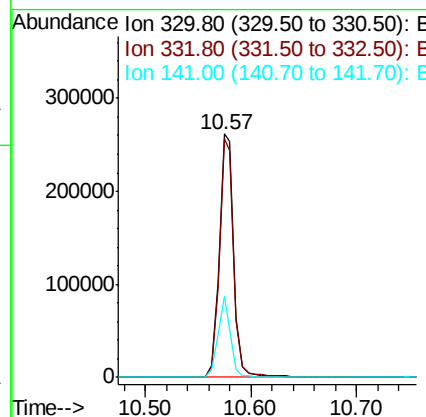
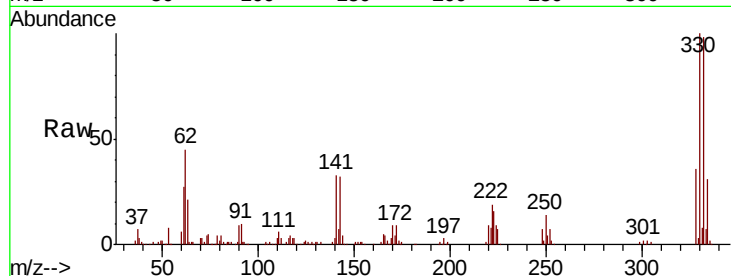




#42
 2,4,6-Tribromophenol
 Concen: 84.783 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF118997.D
 Acq: 21 Feb 2020 17:20

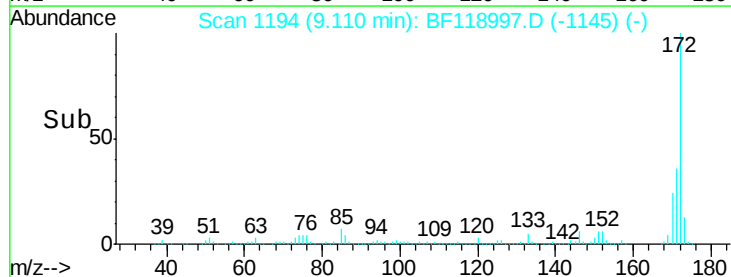
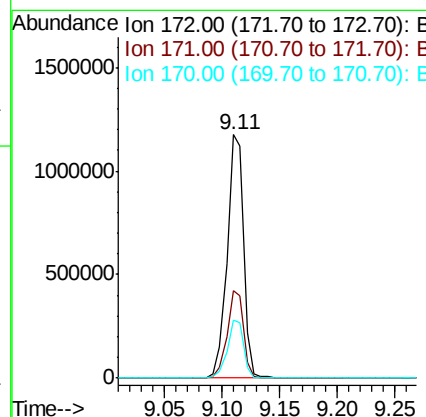
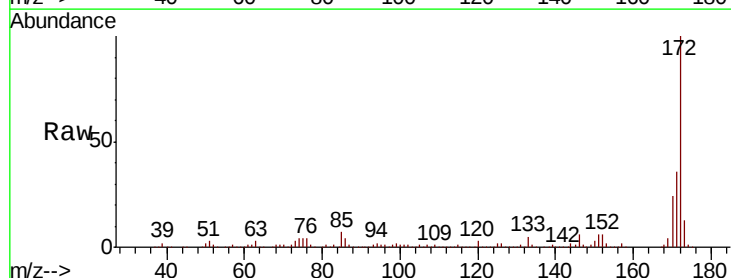
Instrument :
 BNA_F
 ClientSampleId :
 TP-14-EP2-3

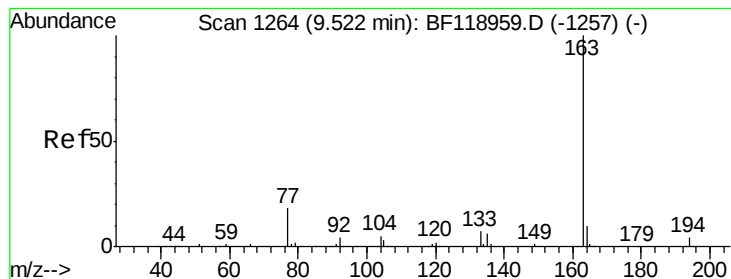
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	28.5	23.0	34.6



#45
 2-Fluorobiphenyl
 Concen: 73.635 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF118997.D
 Acq: 21 Feb 2020 17:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	23.8	19.6	29.4





#50

Dimethylphthalate

Concen: 8.916 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

Instrument :

BNA_F

ClientSampled :

TP-14-EP2-3

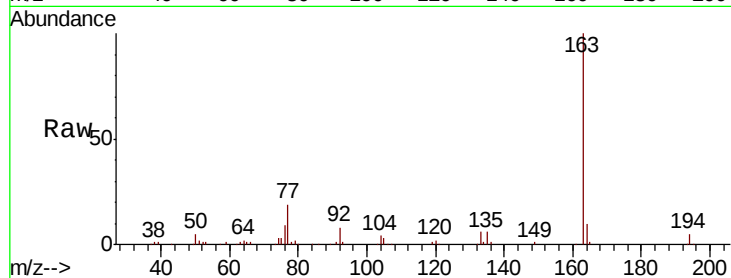
Tot Ion:163 Resp: 158260

Ion Ratio Lower Upper

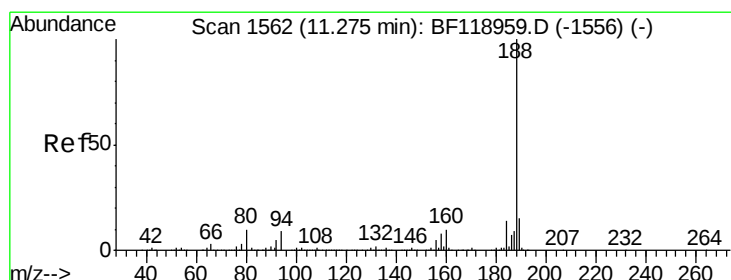
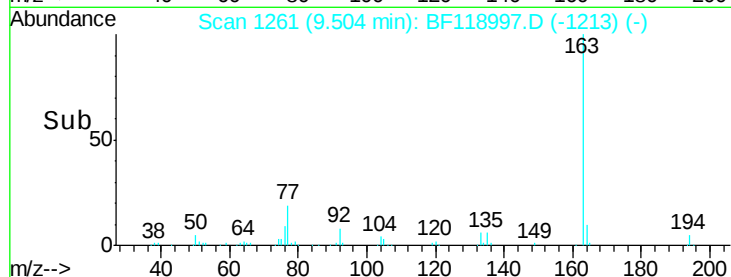
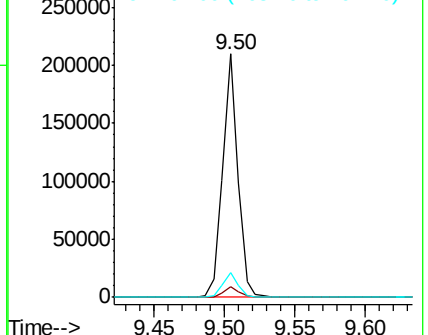
163 100

194 4.5 3.4 5.2

164 10.3 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: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

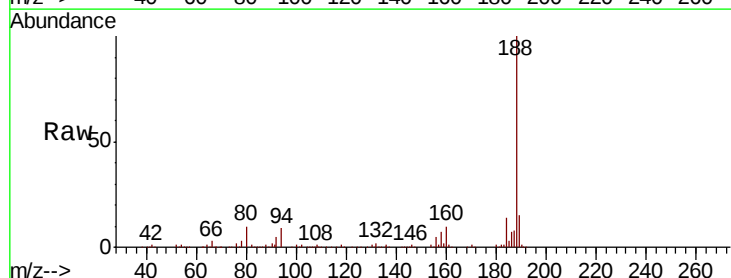
Tgt Ion:188 Resp: 375892

Ion Ratio Lower Upper

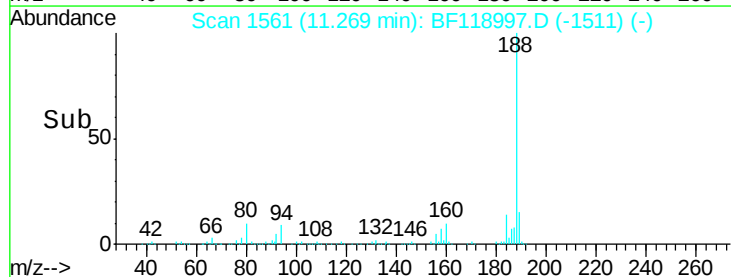
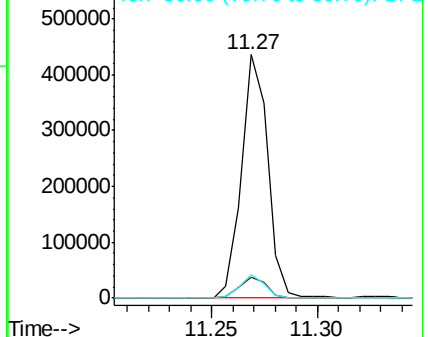
188 100

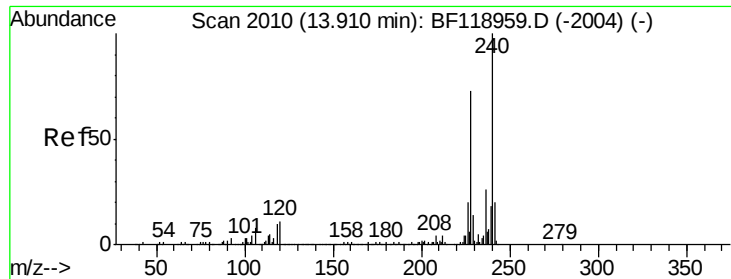
94 8.8 7.0 10.6

80 9.9 7.9 11.9



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

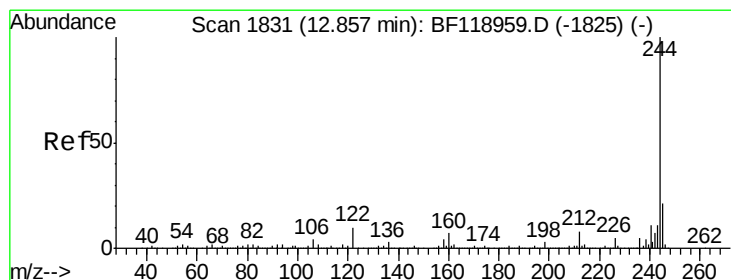
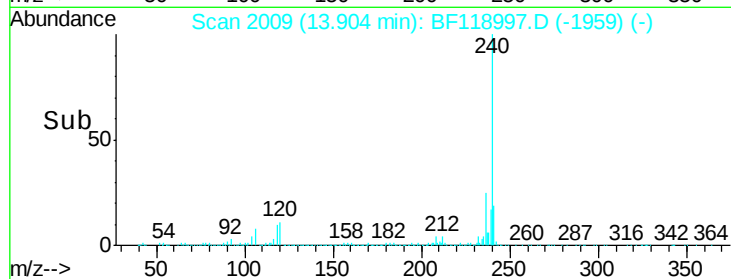
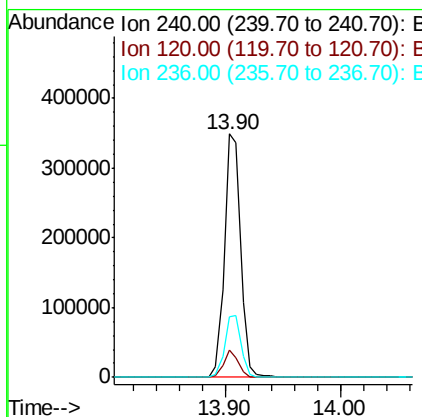
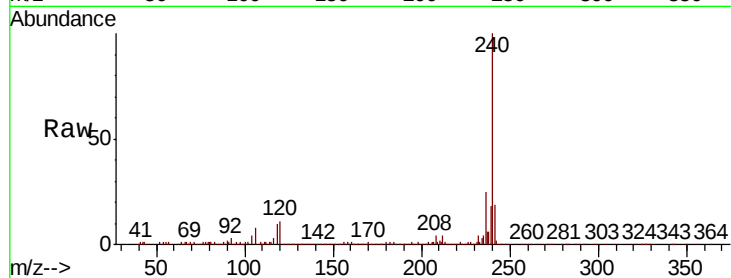




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF118997.D
 Acq: 21 Feb 2020 17:20

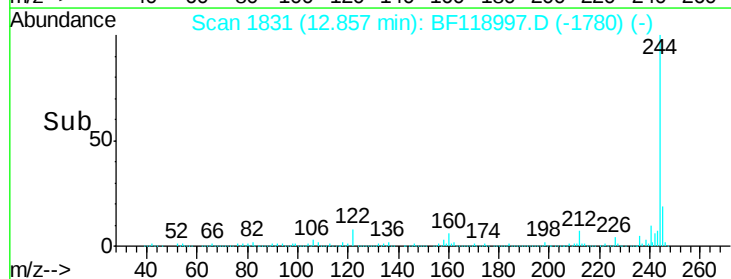
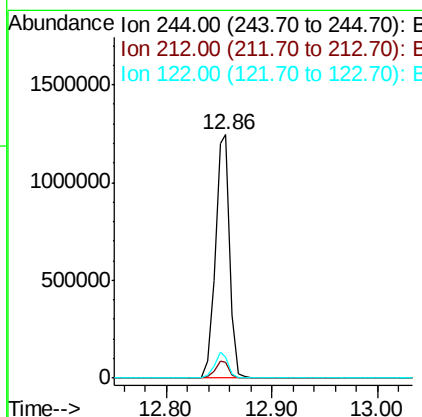
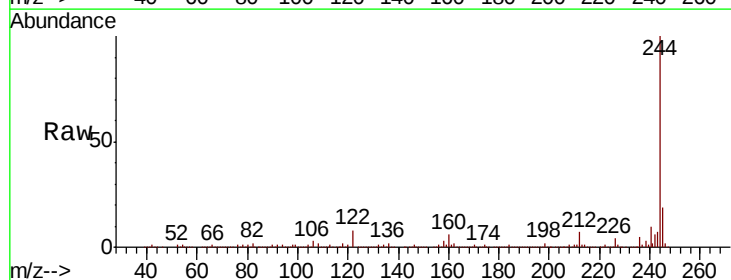
Instrument :
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 ClientSampleId :
 TP-14-EP2-3

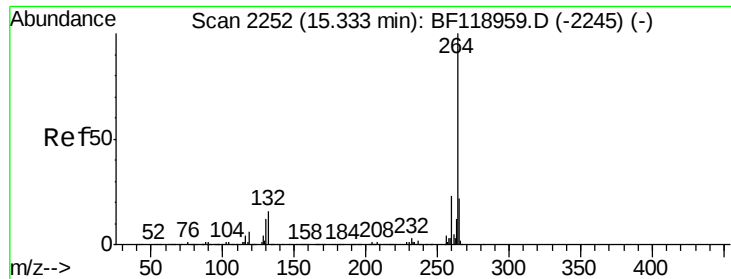
Tot Ion:240 Resp: 340384
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.9 13.3
 236 25.1 20.6 30.8



#79
 Terphenyl-d14
 Concen: 60.853 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF118997.D
 Acq: 21 Feb 2020 17:20

Tgt Ion:244 Resp: 1203096
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.3 9.5
 122 8.4 8.4 12.6#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF118997.D
Acq: 21 Feb 2020 17:20

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.6	17.3	25.9

