

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119078.D
 Acq On : 25 Feb 2020 21:45
 Operator : CG/JU
 Sample : L1657-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-F-D

Quant Time: Feb 26 03:37:17 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

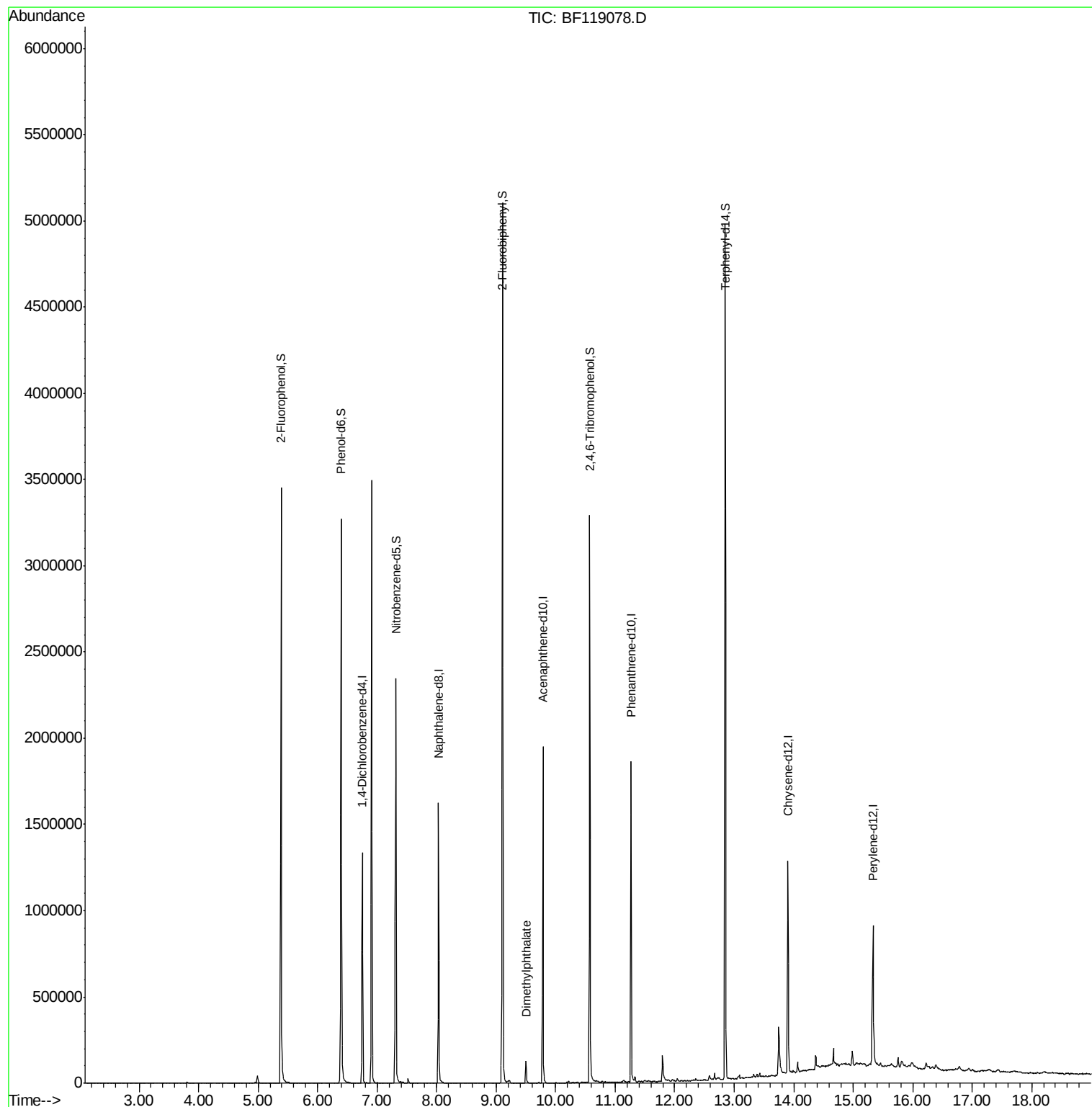
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	202321	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	771002	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	415239	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	708908	20.00	ng	0.00
76) Chrysene-d12	13.90	240	431163	20.00	ng	0.00
87) Perylene-d12	15.33	264	411273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1049871	86.72	ng	0.00
7) Phenol-d6	6.40	99	1281950	87.07	ng	0.00
23) Nitrobenzene-d5	7.32	82	853114	58.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	441943	81.36	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1721940	61.09	ng	-0.01
79) Terphenyl-d14	12.85	244	1760873	70.31	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	65455	2.061	ng	Qvalue 98

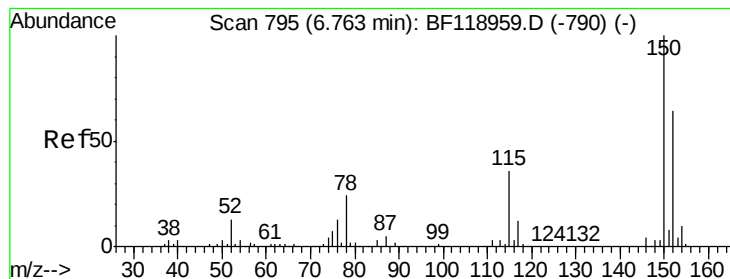
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF119078.D

Acq: 25 Feb 2020 21:45

Instrument :

BNA_F

ClientSampleId :

TP-F-D

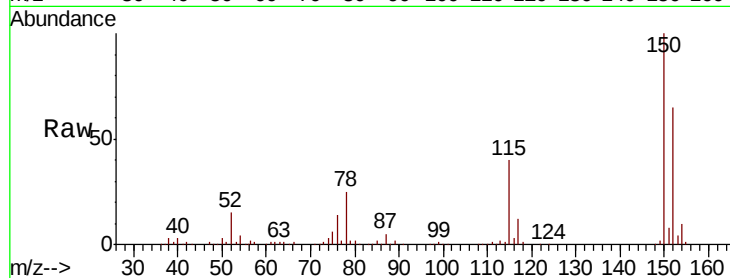
Tot Ion:152 Resp: 202321

Ion Ratio Lower Upper

152 100

150 153.5 124.3 186.5

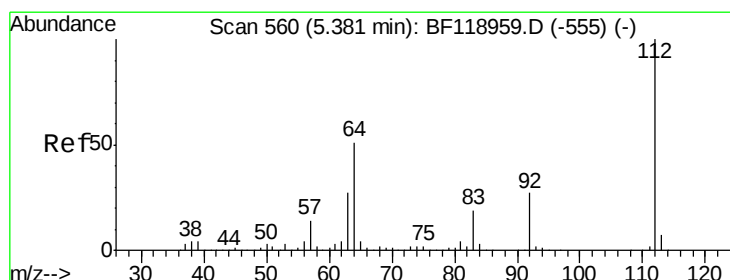
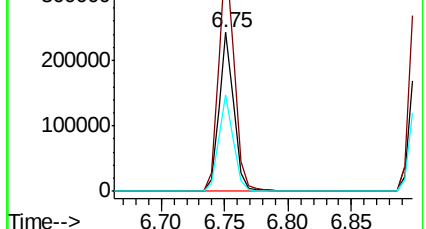
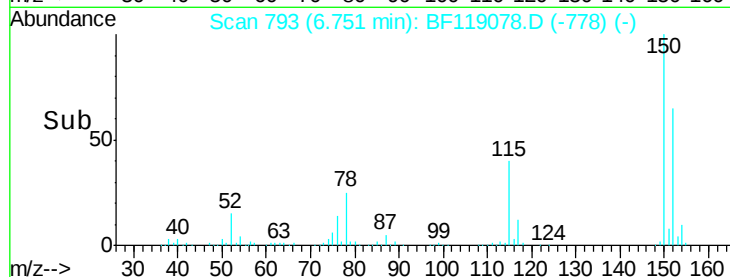
115 61.0 44.6 67.0



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: 86.720 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF119078.D

Acq: 25 Feb 2020 21:45

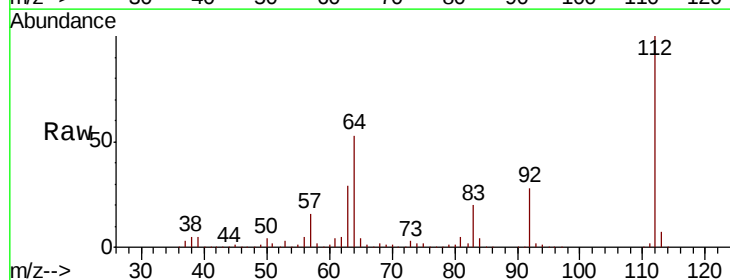
Tgt Ion:112 Resp: 1049871

Ion Ratio Lower Upper

112 100

64 53.3 40.4 60.6

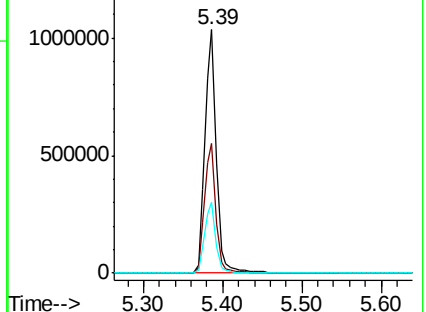
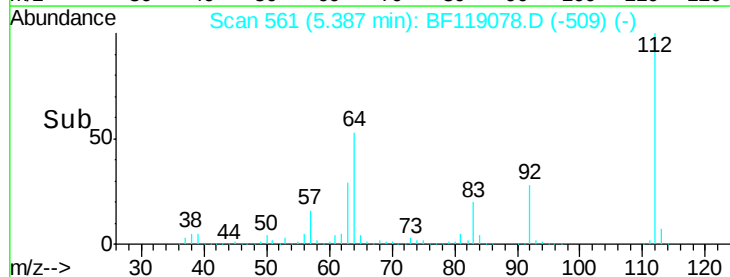
63 29.0 21.3 31.9



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: 87.067 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119078.D

Acq: 25 Feb 2020 21:45

Instrument :

BNA_F

ClientSampleId :

TP-F-D

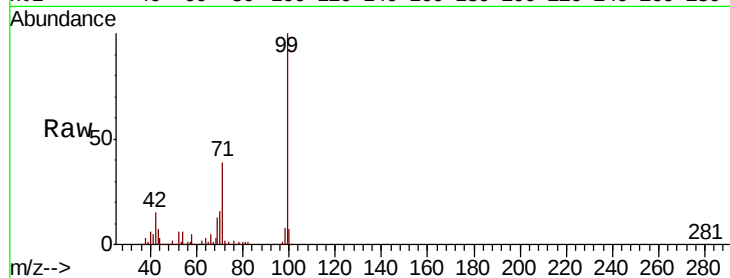
Tot Ion: 99 Resp: 1281950

Ion Ratio Lower Upper

99 100

42 15.1 11.4 17.0

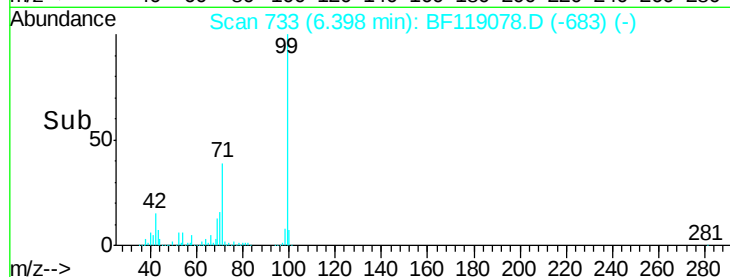
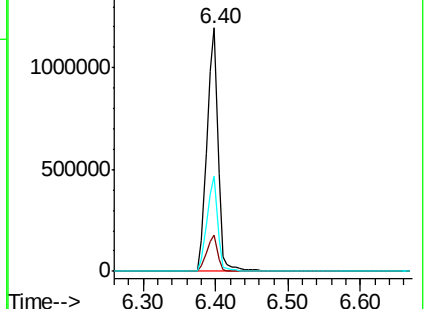
71 39.1 29.8 44.6



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: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119078.D

Acq: 25 Feb 2020 21:45

Tgt Ion: 136 Resp: 771002

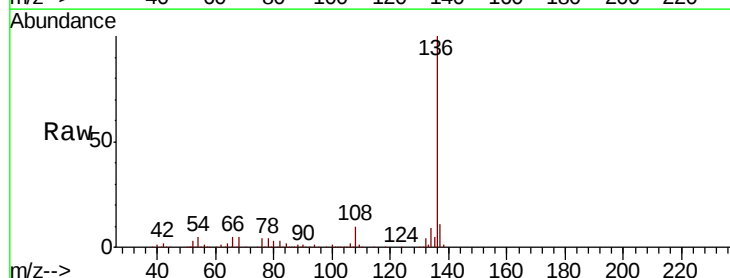
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.0 3.8 5.6

68 5.2 4.2 6.2

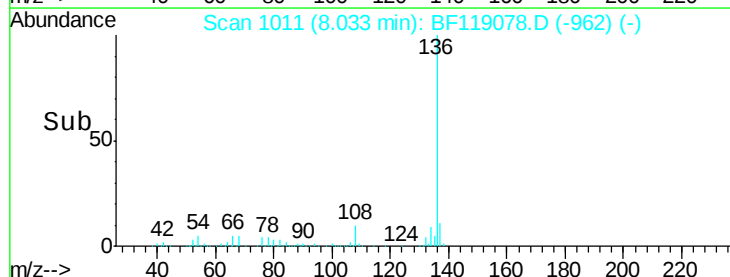
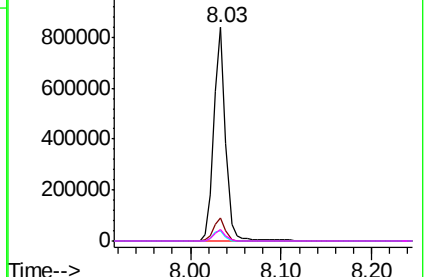


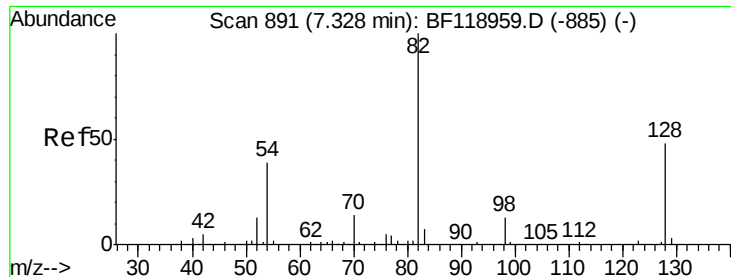
Abundance Ion 136.00 (135.70 to 136.70): E

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

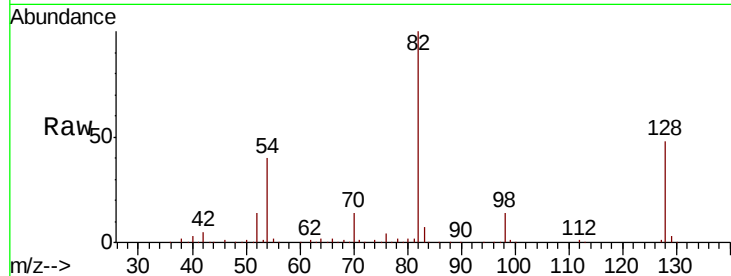




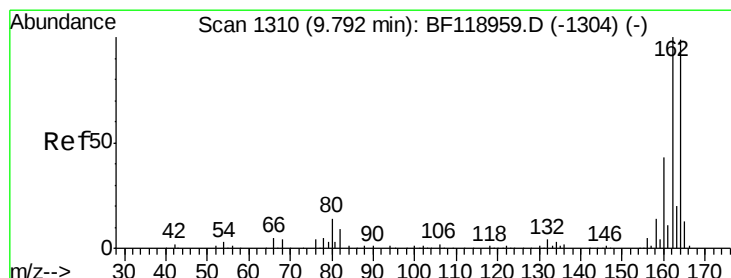
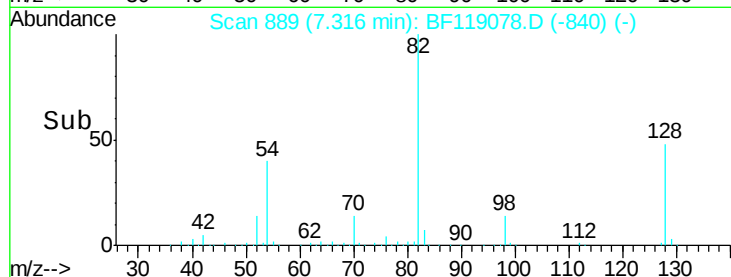
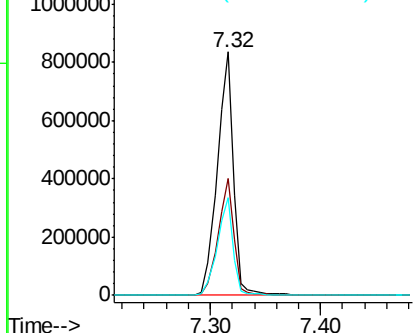
#23
 Nitrobenzene-d5
 Concen: 58.423 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119078.D
 Acq: 25 Feb 2020 21:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-F-D

Tot Ion: 82 Resp: 853114
 Ion Ratio Lower Upper
 82 100
 128 47.8 38.2 57.2
 54 40.3 31.3 46.9

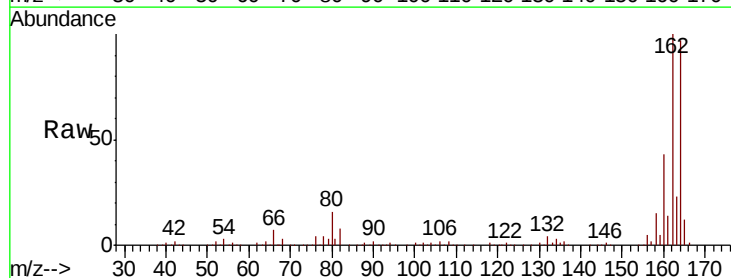


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

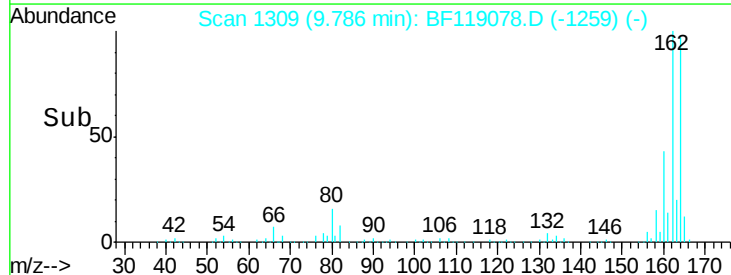
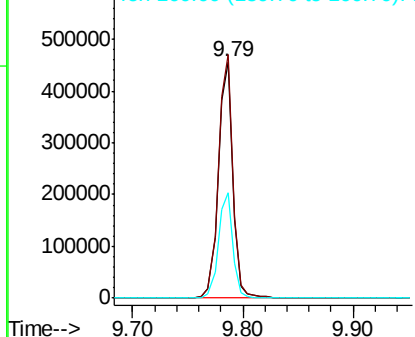


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119078.D
 Acq: 25 Feb 2020 21:45

Tgt Ion:164 Resp: 415239
 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): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

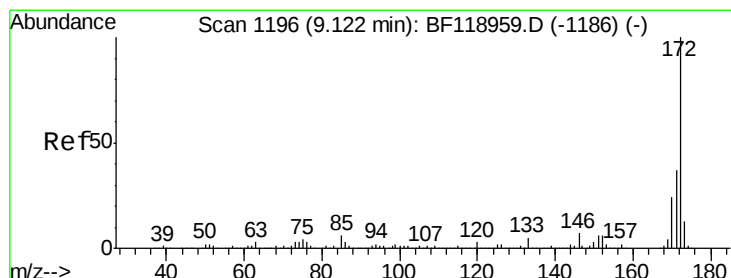
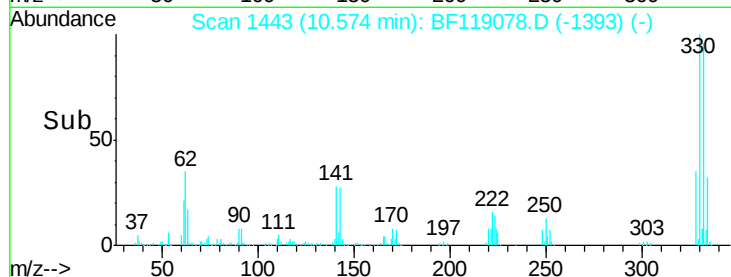
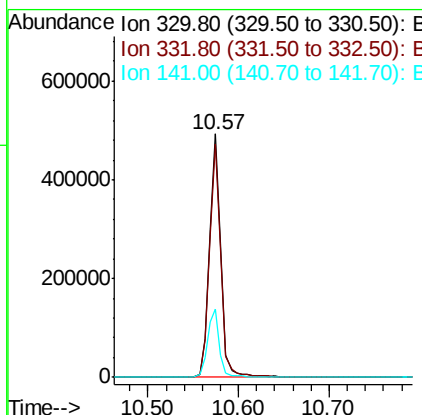
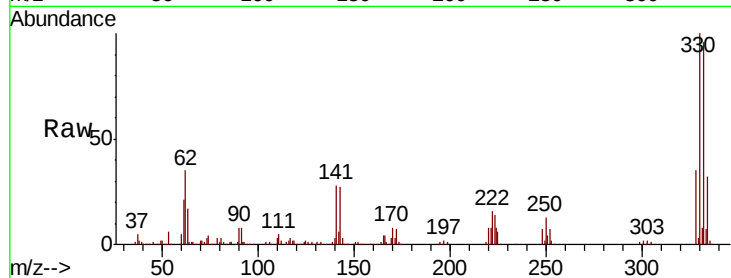




#42
 2,4,6-Tribromophenol
 Concen: 81.359 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119078.D
 Acq: 25 Feb 2020 21:45

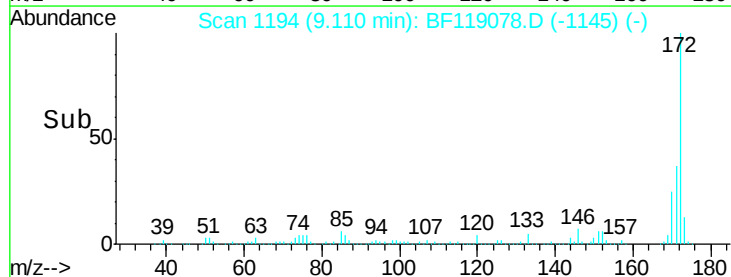
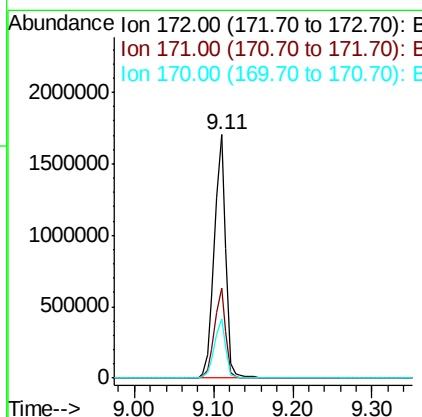
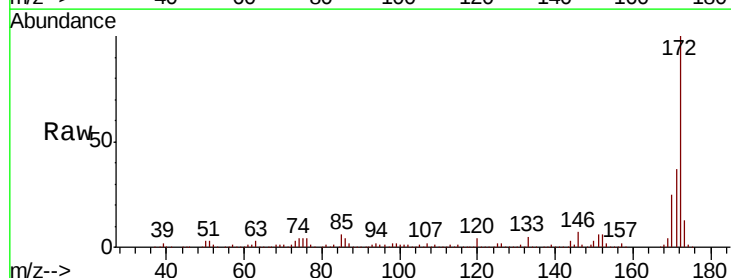
Instrument :
 BNA_F
 ClientSampleId :
 TP-F-D

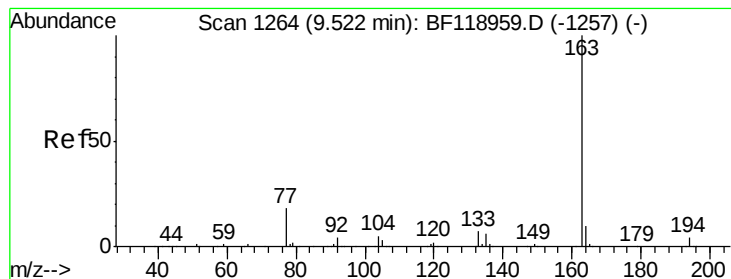
Tot Ion:330 Resp: 441943
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 29.5 23.0 34.6



#45
 2-Fluorobiphenyl
 Concen: 61.090 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119078.D
 Acq: 25 Feb 2020 21:45

Tgt Ion:172 Resp: 1721940
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.2
 170 24.6 19.6 29.4





#50

Dimethylphthalate

Concen: 2.061 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119078.D

Acq: 25 Feb 2020 21:45

Instrument :

BNA_F

ClientSampleId :

TP-F-D

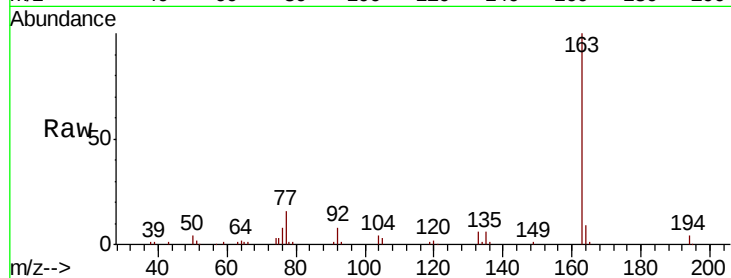
Tot Ion:163 Resp: 65455

Ion Ratio Lower Upper

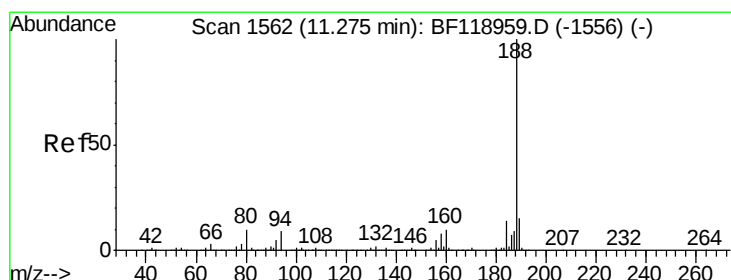
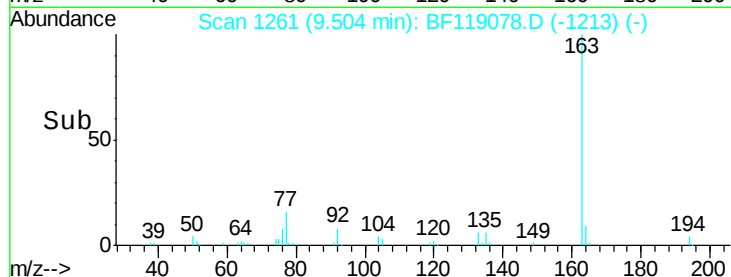
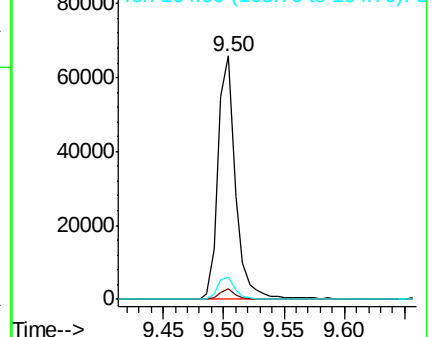
163 100

194 4.4 3.4 5.2

164 9.1 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: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119078.D

Acq: 25 Feb 2020 21:45

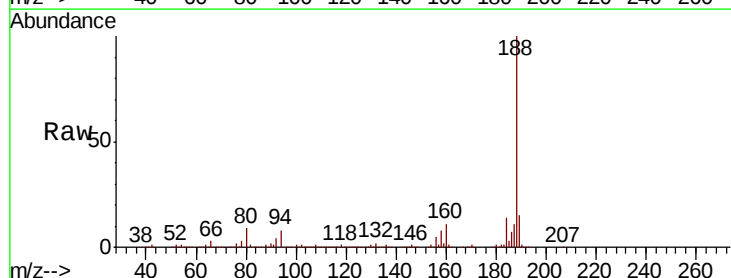
Tgt Ion:188 Resp: 708908

Ion Ratio Lower Upper

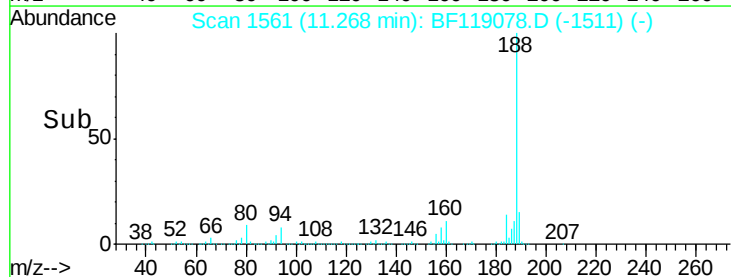
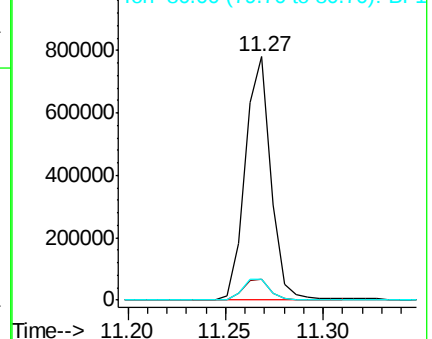
188 100

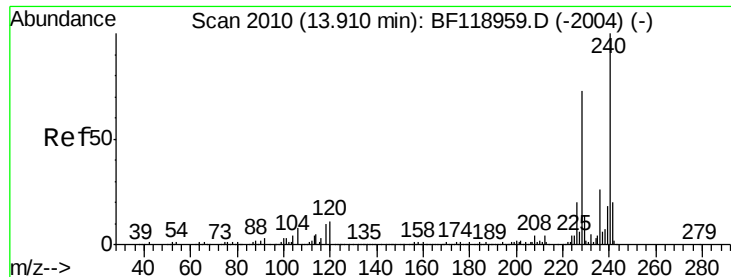
94 8.4 7.0 10.6

80 8.7 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

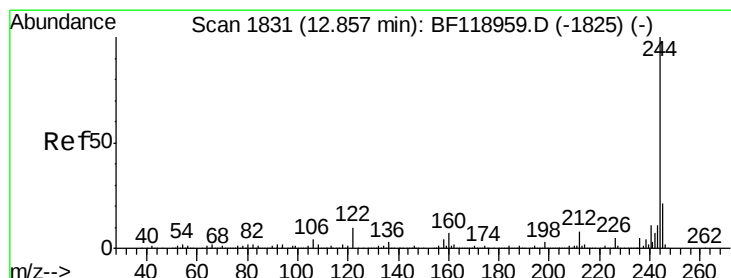
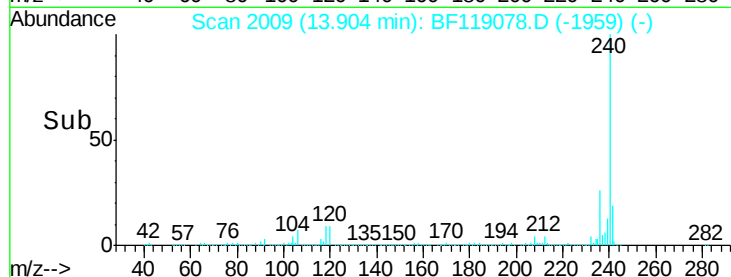
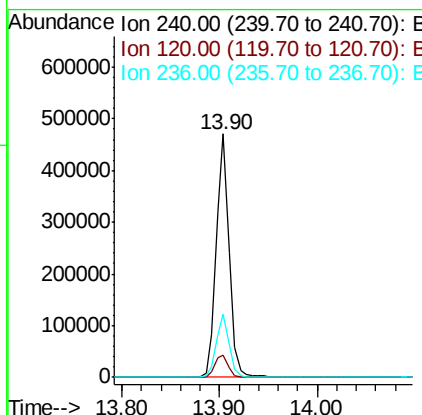
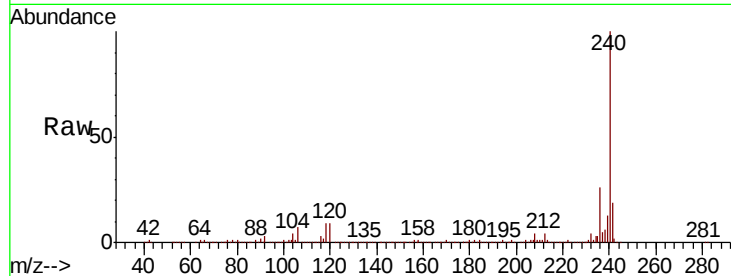




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119078.D
Acq: 25 Feb 2020 21:45

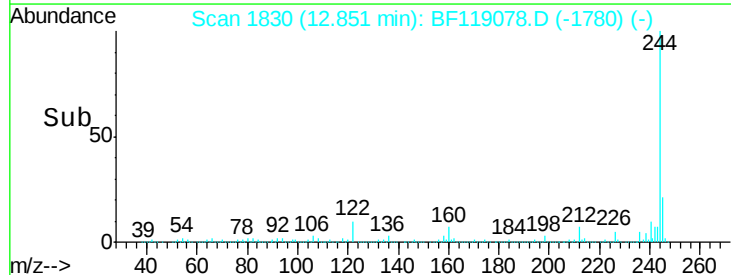
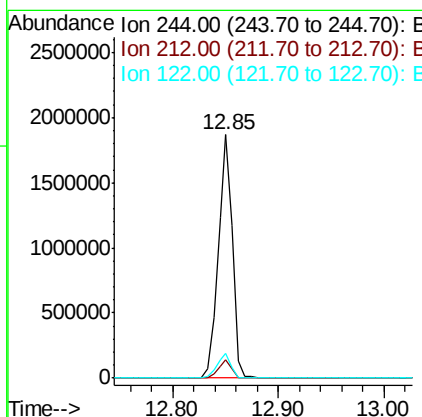
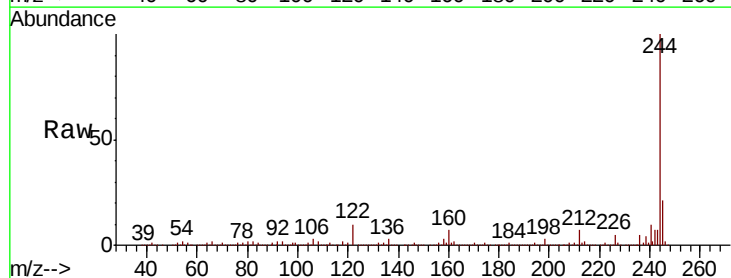
Instrument :
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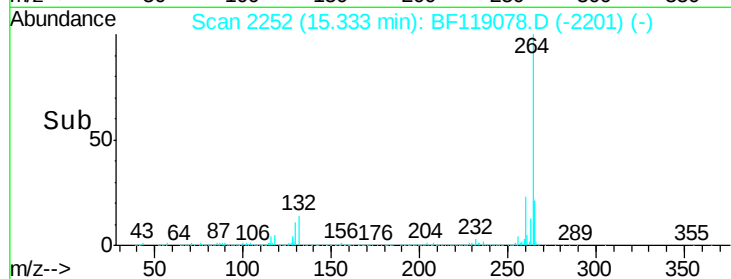
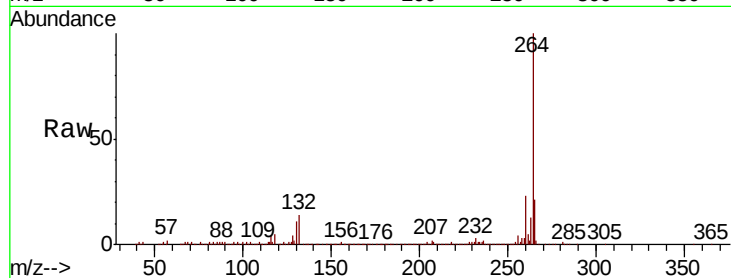
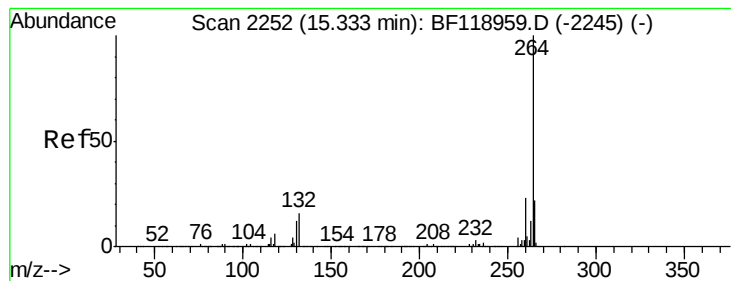
Tot Ion:240 Resp: 431163
Ion Ratio Lower Upper
240 100
120 9.0 8.9 13.3
236 25.9 20.6 30.8



#79
Terphenyl-d14
Concen: 70.313 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF119078.D
Acq: 25 Feb 2020 21:45

Tgt Ion:244 Resp: 1760873
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 10.1 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: BF119078.D

Acq: 25 Feb 2020 21:45

Instrument :

BNA_F

ClientSampleId :

TP-F-D

Tot Ion:264 Resp: 411273

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.2 17.3 25.9

