

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118201.D
 Acq On : 16 Dec 2019 17:25
 Operator : JU
 Sample : K6110-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-121219

Quant Time: Dec 17 03:24:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

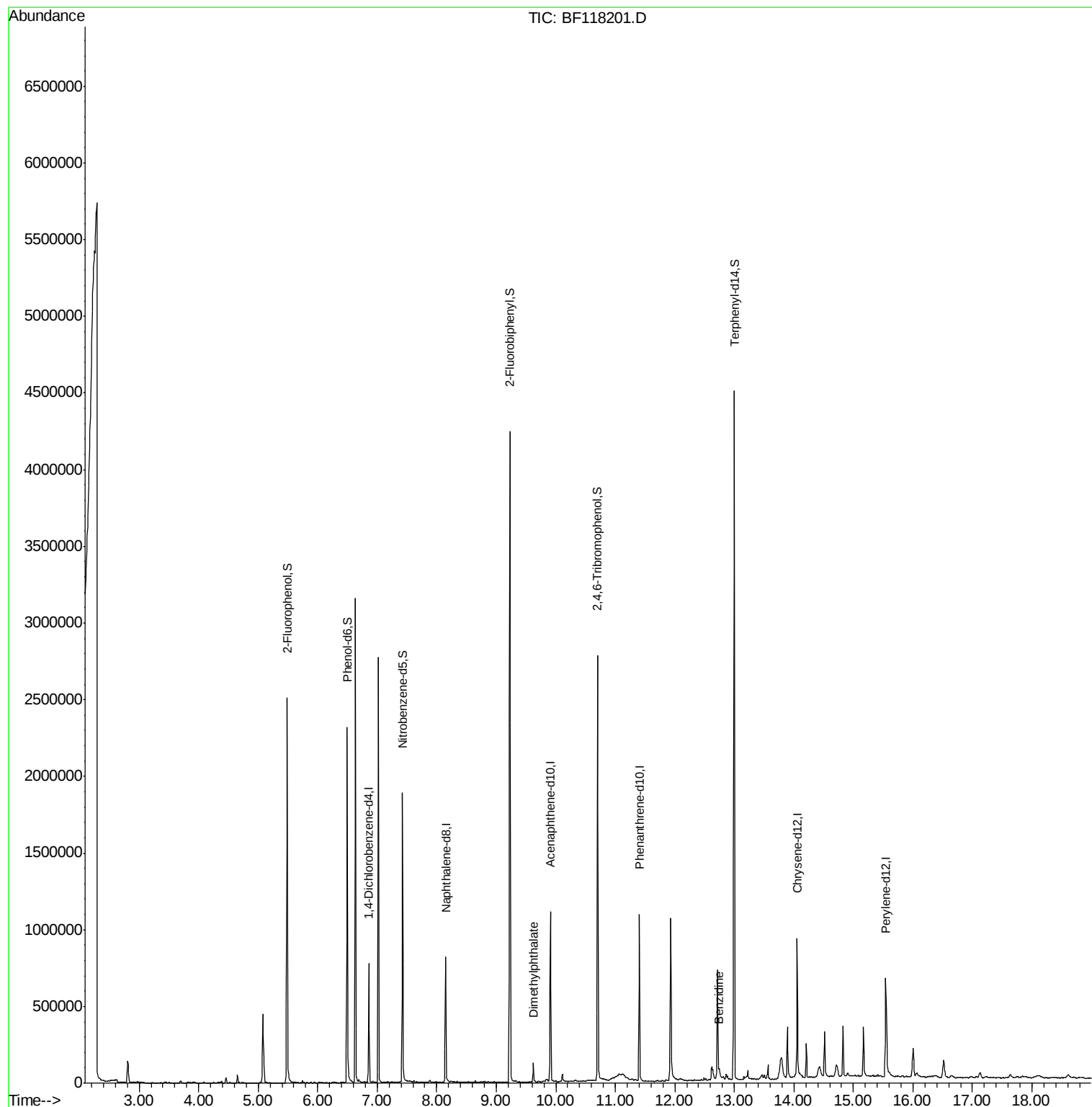
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	104077	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	397005	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	210555	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	375607	20.00	ng	0.00
76) Chrysene-d12	14.06	240	273480	20.00	ng	-0.01
87) Perylene-d12	15.54	264	262929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	717646	120.77	ng	0.00
7) Phenol-d6	6.50	99	816470	113.60	ng	0.00
23) Nitrobenzene-d5	7.43	82	585988	83.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	341671	133.58	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1238867	89.53	ng	-0.01
79) Terphenyl-d14	13.00	244	1469921	92.43	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	45729	2.940	ng	# 95
77) Benzidine	12.75	184	18699	2.597	ng	# 89

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

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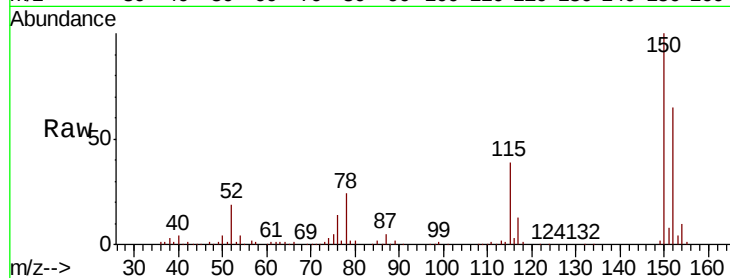


#1

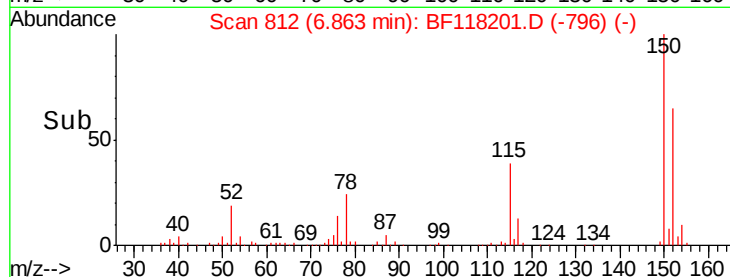
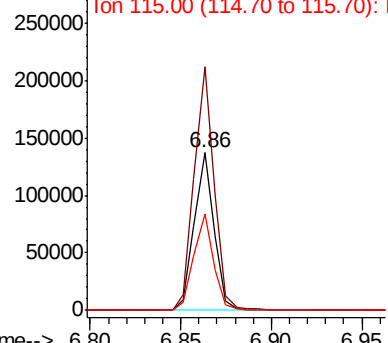
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118201.D
Acq: 16 Dec 2019 17:25

Instrument :
BNA_F
ClientSampleId :
HD-02-121219

Tot Ion:152 Resp: 104077
Ion Ratio Lower Upper
152 100
150 154.7 128.3 192.5
115 60.9 51.1 76.7



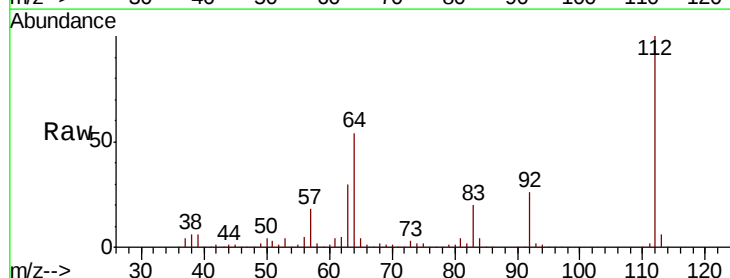
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



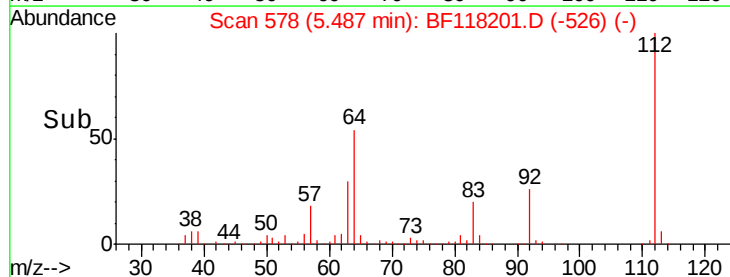
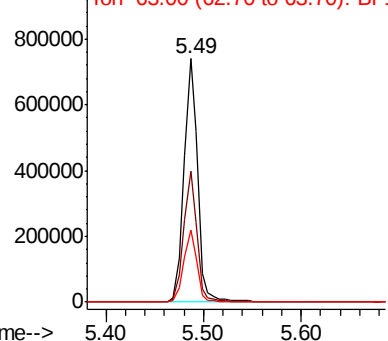
#5

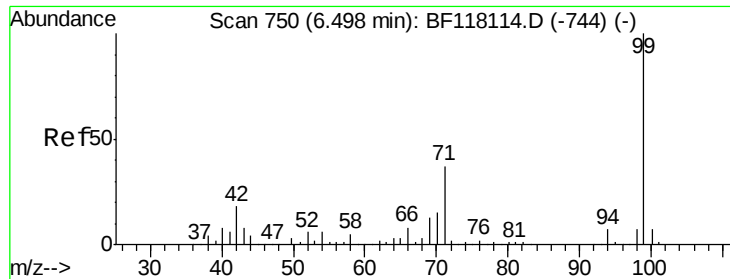
2-Fluorophenol
Concen: 120.769 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118201.D
Acq: 16 Dec 2019 17:25

Tgt Ion:112 Resp: 717646
Ion Ratio Lower Upper
112 100
64 54.1 41.3 61.9
63 29.5 22.4 33.6



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: 113.598 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118201.D

Acq: 16 Dec 2019 17:25

Instrument :

BNA_F

ClientSampleId :

HD-02-121219

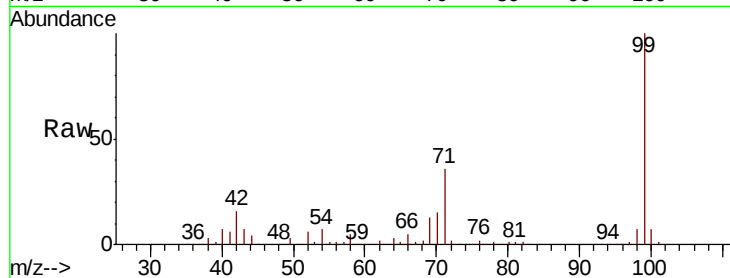
Tot Ion: 99 Resp: 816470

Ion Ratio Lower Upper

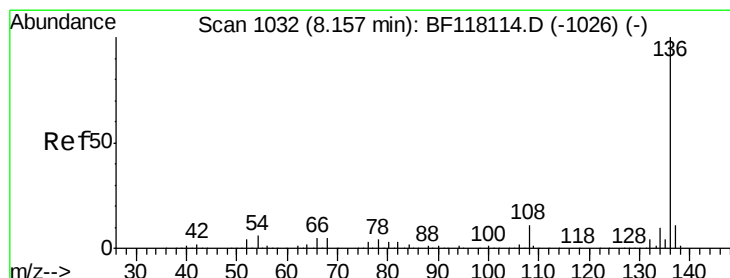
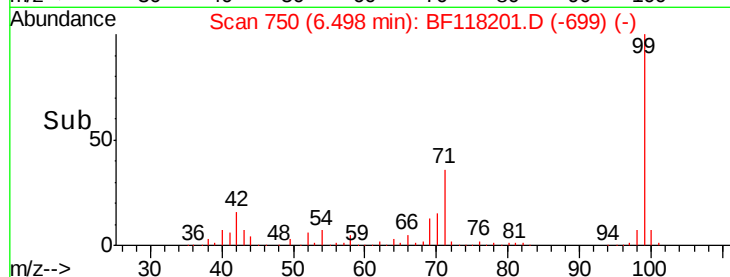
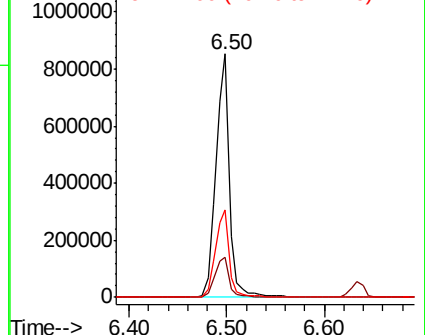
99 100

42 16.3 14.1 21.1

71 36.1 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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118201.D

Acq: 16 Dec 2019 17:25

Tgt Ion: 136 Resp: 397005

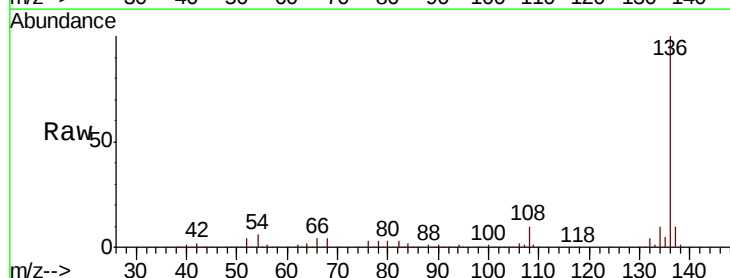
Ion Ratio Lower Upper

136 100

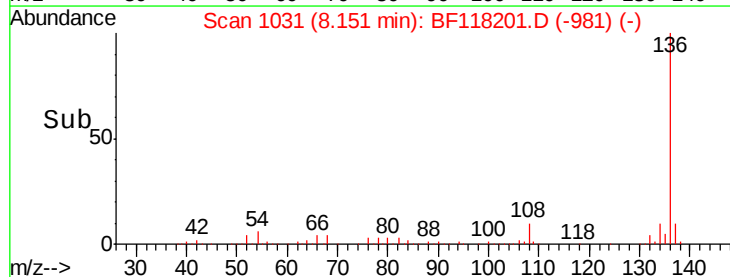
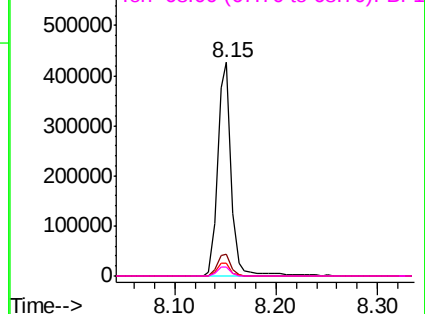
137 10.4 9.0 13.6

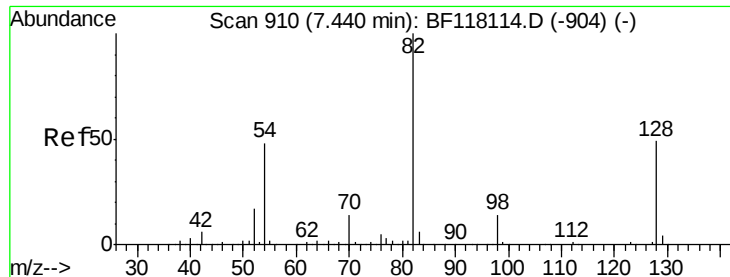
54 5.7 5.0 7.6

68 4.0 3.8 5.8



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

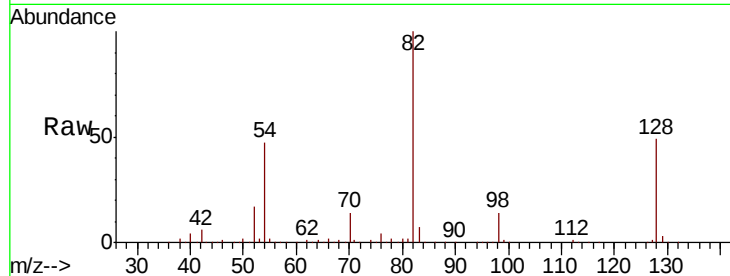




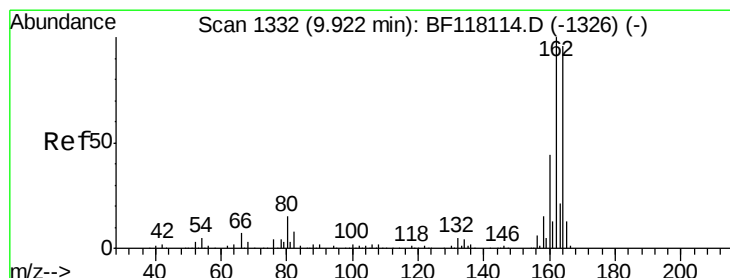
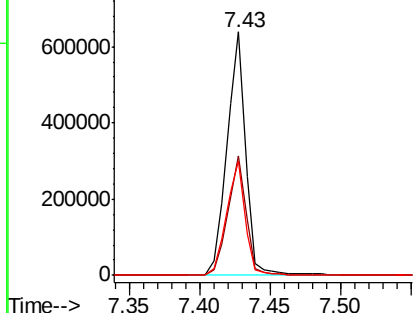
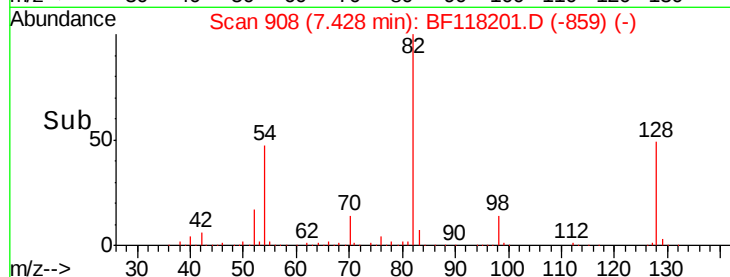
#23
 Nitrobenzene-d5
 Concen: 83.038 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118201.D
 Acq: 16 Dec 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-121219

Tot Ion: 82 Resp: 585988
 Ion Ratio Lower Upper
 82 100
 128 49.1 39.1 58.7
 54 46.9 38.2 57.2

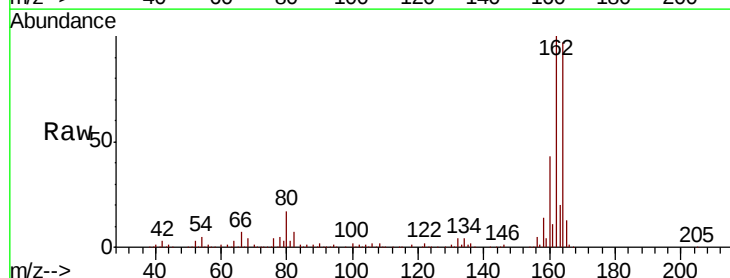


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

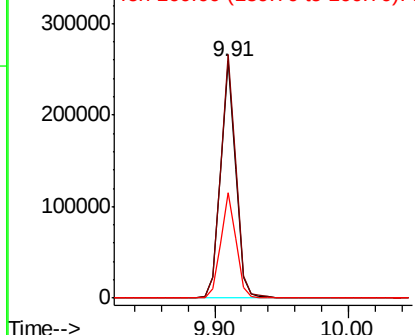
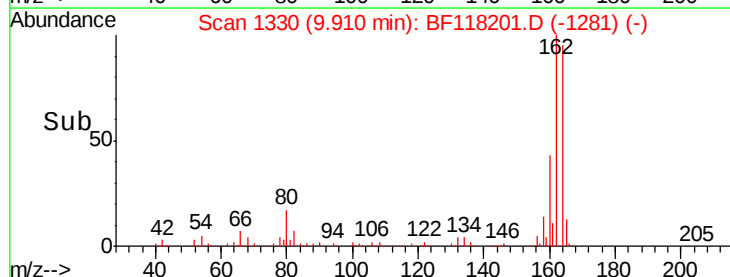


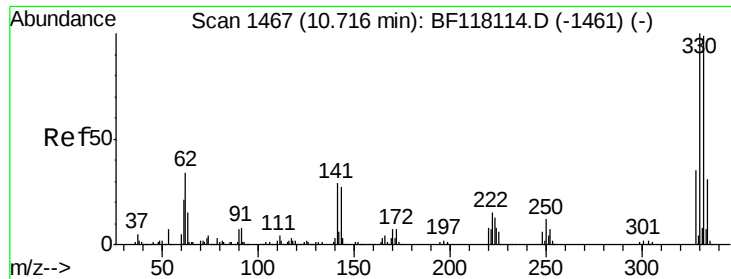
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118201.D
 Acq: 16 Dec 2019 17:25

Tgt Ion:164 Resp: 210555
 Ion Ratio Lower Upper
 164 100
 162 102.9 83.4 125.0
 160 44.7 36.6 54.8



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: 133.577 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118201.D

Acq: 16 Dec 2019 17:25

Instrument :

BNA_F

ClientSampleId :

HD-02-121219

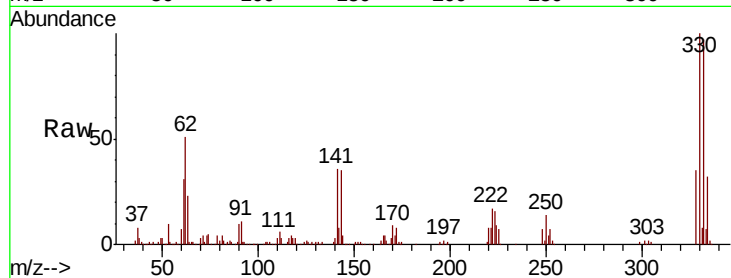
Tot Ion:330 Resp: 341671

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

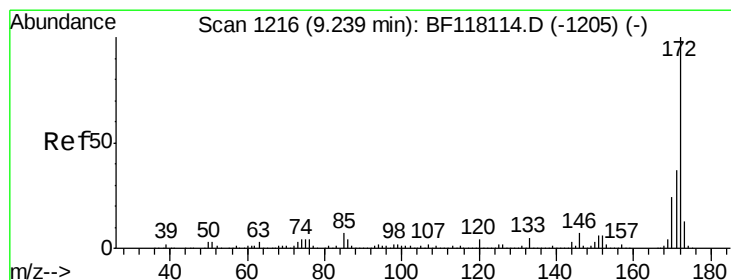
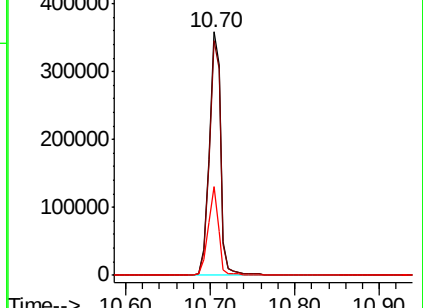
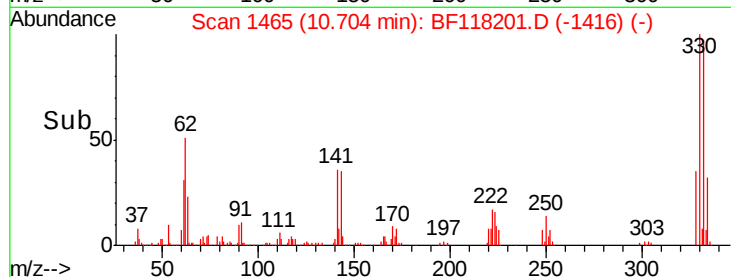
141 33.0 26.9 40.3



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: 89.531 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118201.D

Acq: 16 Dec 2019 17:25

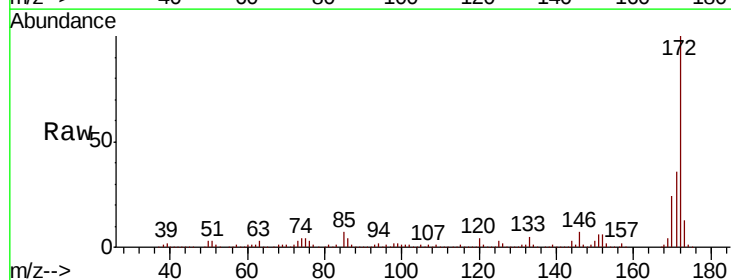
Tgt Ion:172 Resp: 1238867

Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

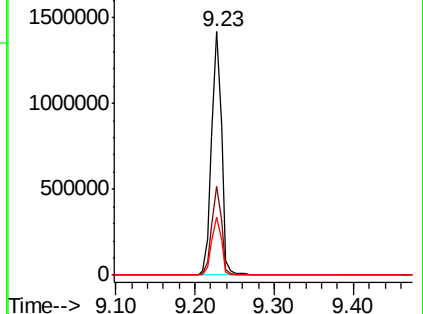
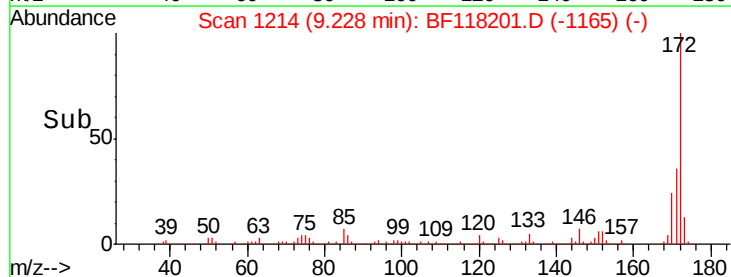
170 24.0 19.4 29.2

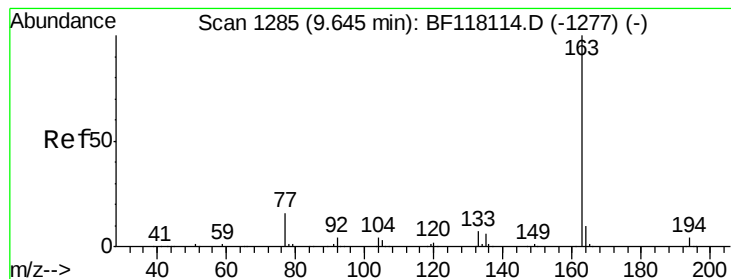


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.940 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118201.D

Acq: 16 Dec 2019 17:25

Instrument :

BNA_F

ClientSampleId :

HD-02-121219

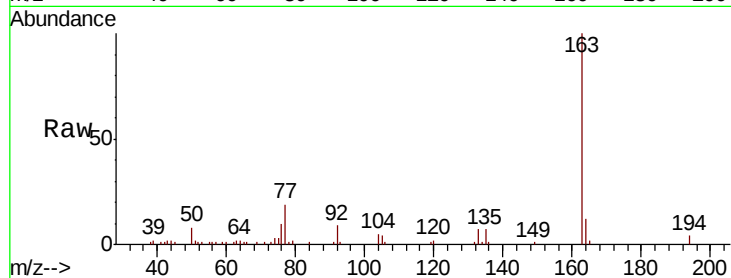
Tot Ion:163 Resp: 45729

Ion Ratio Lower Upper

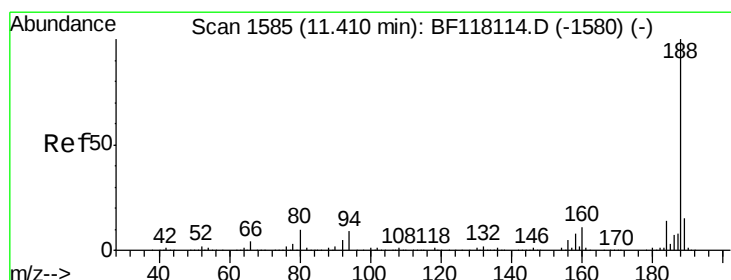
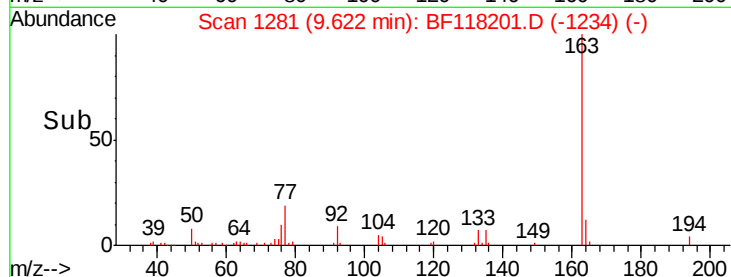
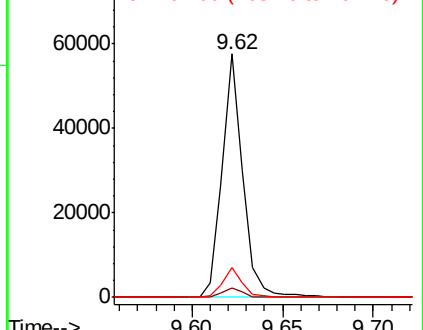
163 100

194 3.8 3.1 4.7

164 12.1 7.7 11.5#



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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118201.D

Acq: 16 Dec 2019 17:25

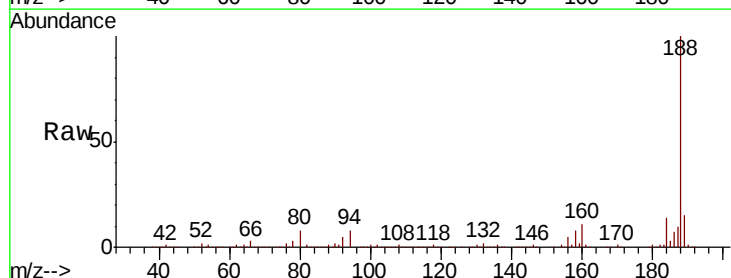
Tgt Ion:188 Resp: 375607

Ion Ratio Lower Upper

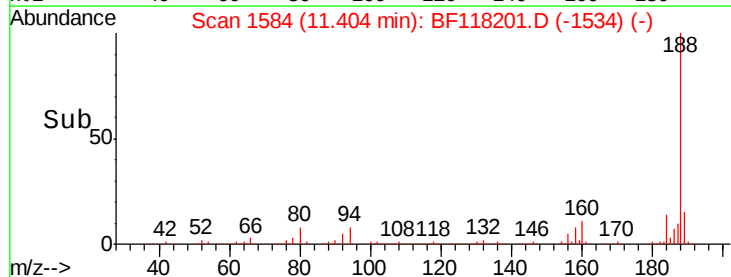
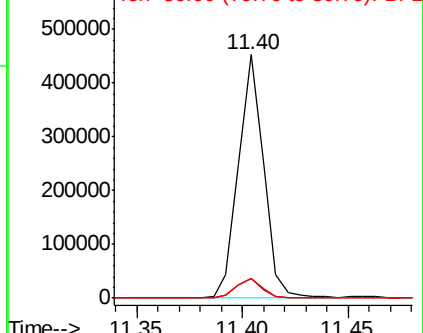
188 100

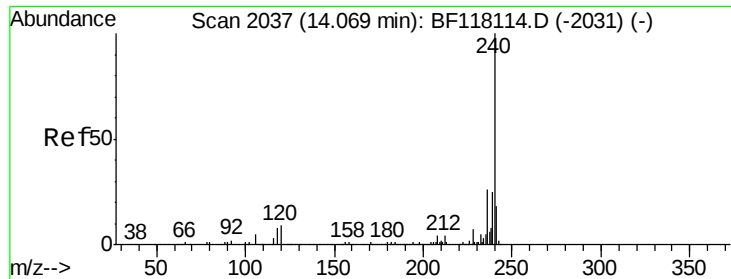
94 8.0 7.1 10.7

80 8.2 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

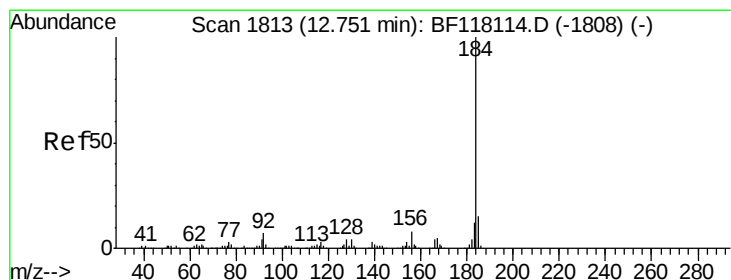
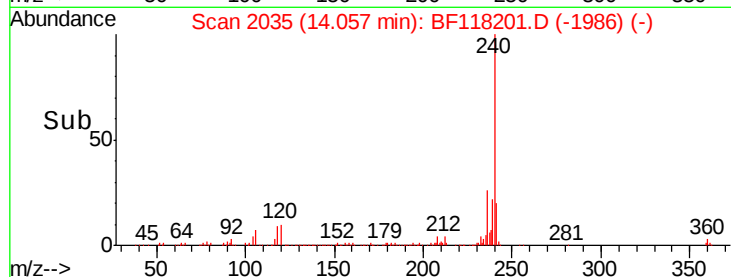
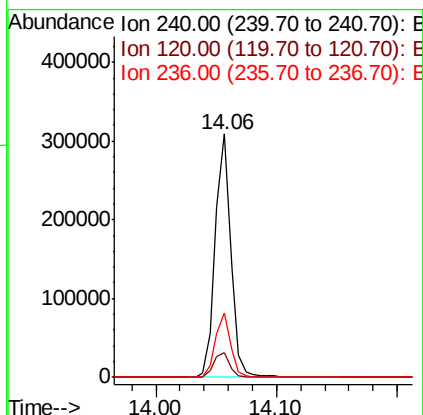
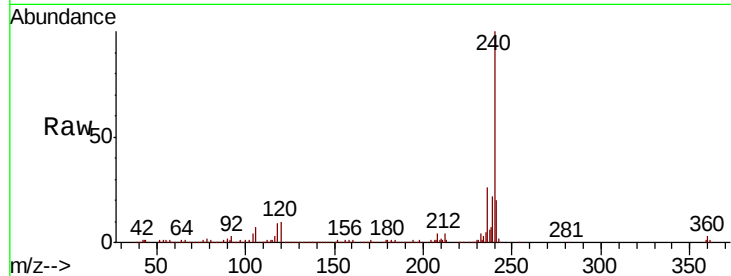




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118201.D
Acq: 16 Dec 2019 17:25

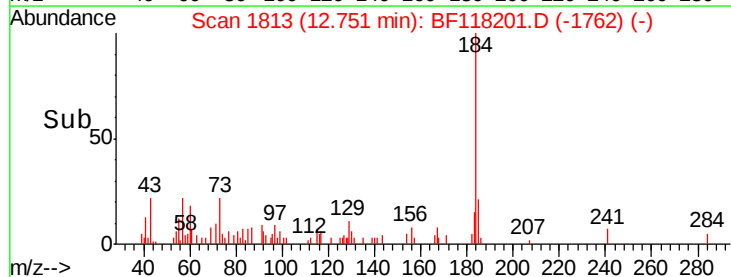
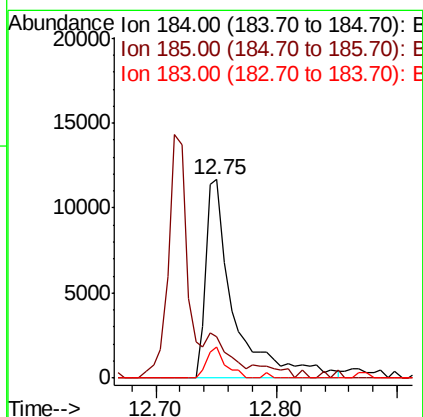
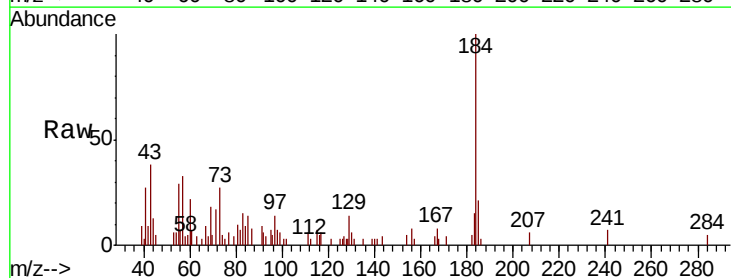
Instrument :
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HD-02-121219

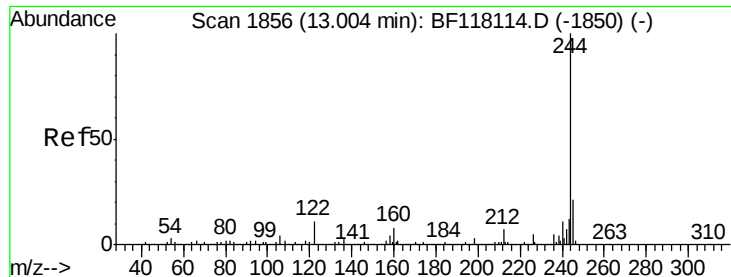
Tot Ion:240 Resp: 273480
Ion Ratio Lower Upper
240 100
120 10.2 7.1 10.7
236 26.2 21.0 31.6



#77
Benzidine
Concen: 2.597 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BF118201.D
Acq: 16 Dec 2019 17:25

Tgt Ion:184 Resp: 18699
Ion Ratio Lower Upper
184 100
185 20.7 12.3 18.5#
183 15.5 9.9 14.9#





#79

Terphenyl-d14

Concen: 92.428 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118201.D

Acq: 16 Dec 2019 17:25

Instrument :

BNA_F

ClientSampleId :

HD-02-121219

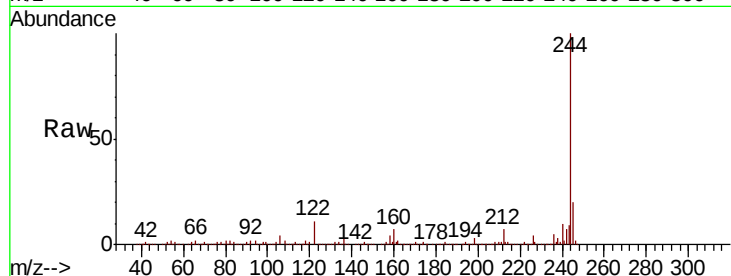
Tot Ion:244 Resp: 1469921

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

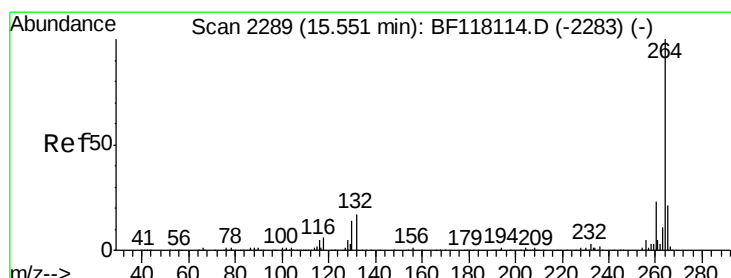
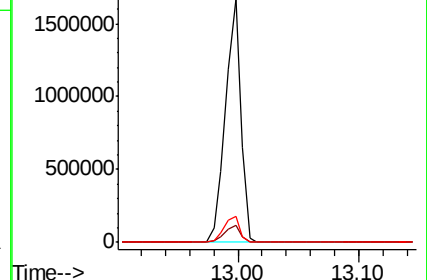
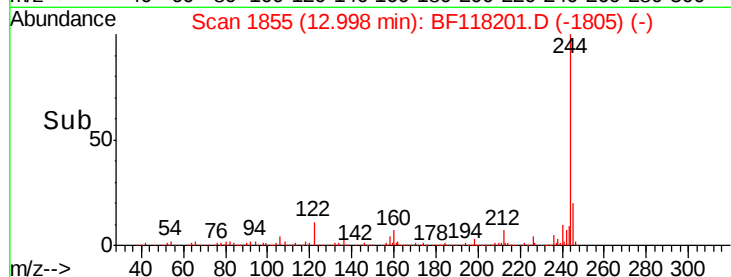
122 10.8 9.0 13.6



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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118201.D

Acq: 16 Dec 2019 17:25

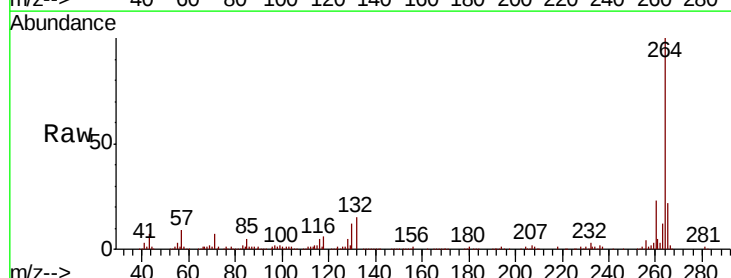
Tgt Ion:264 Resp: 262929

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.8 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

