

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
 Data File : BF118526.D
 Acq On : 10 Jan 2020 20:35
 Operator : JU
 Sample : L1070-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200030

Quant Time: Jan 11 03:32:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	83411	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	322929	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	168275	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	269311	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	187998	20.00	ng	-0.01
87) Perylene-d12	15.52	264	197883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	518248	102.56	ng	0.02
7) Phenol-d6	6.47	99	541069	89.57	ng	0.00
23) Nitrobenzene-d5	7.40	82	484173	78.76	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	252928	127.38	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1049134	89.42	ng	-0.01
79) Terphenyl-d14	12.96	244	1200000	101.15	ng	0.00

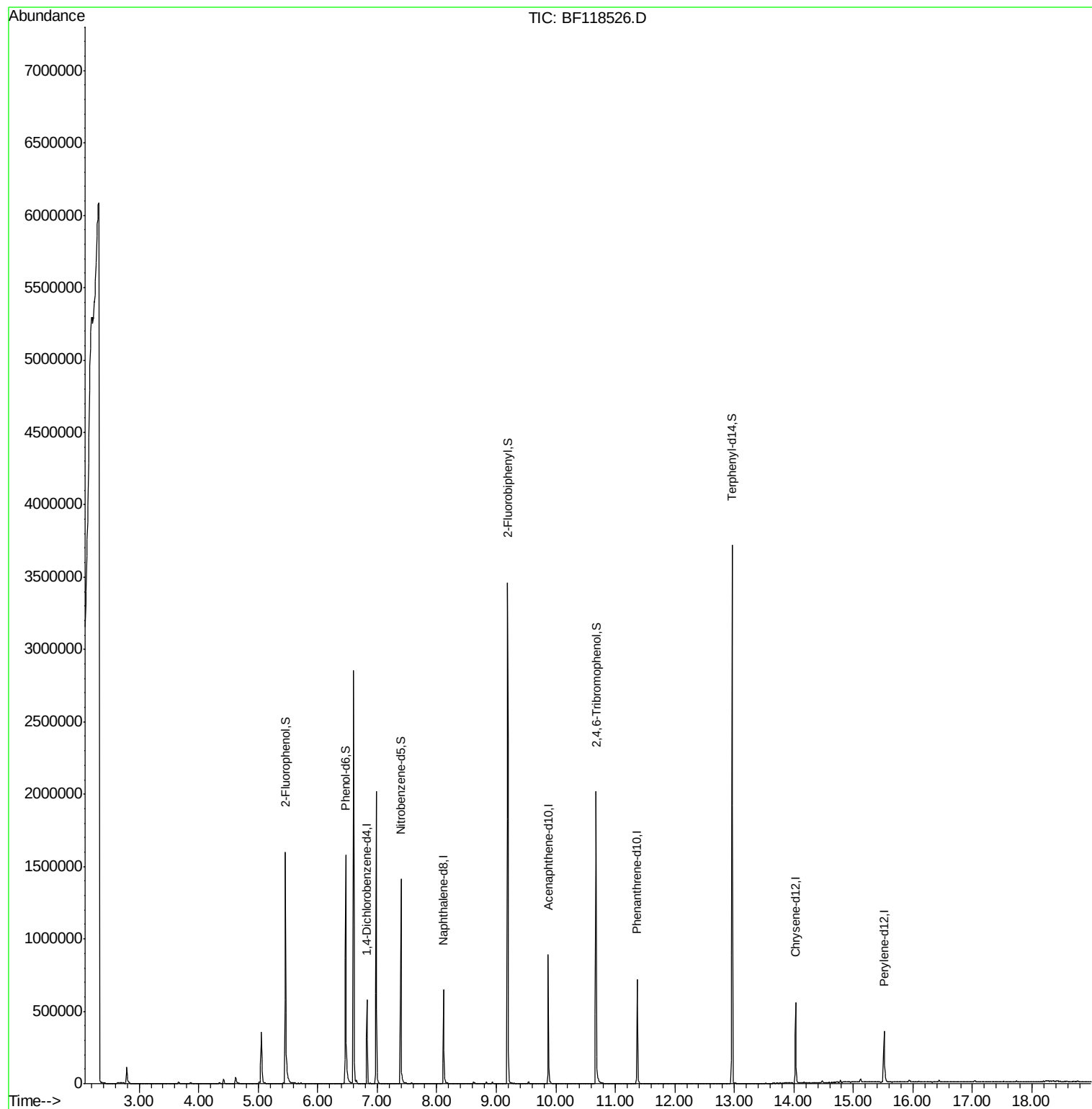
Target Compounds Qvalue

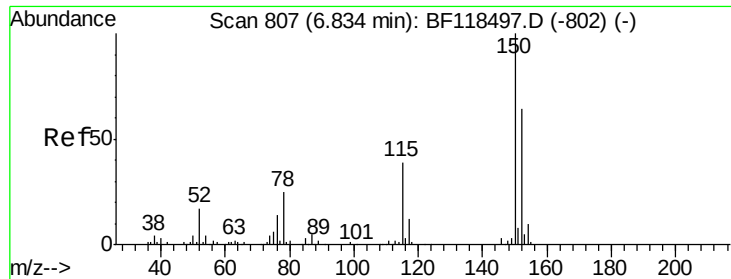
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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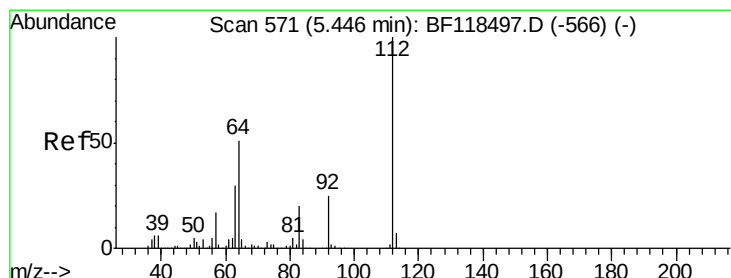
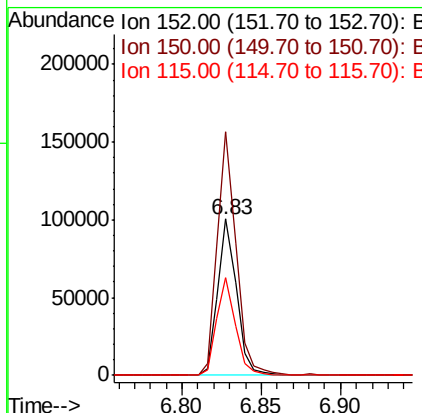
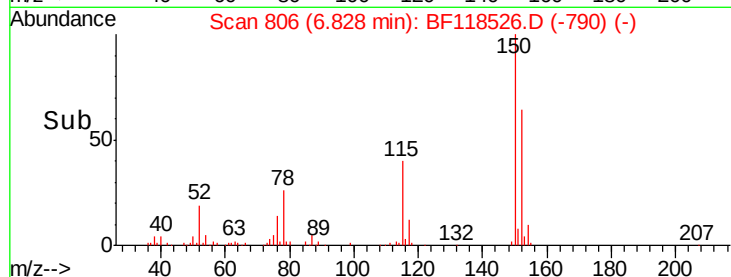
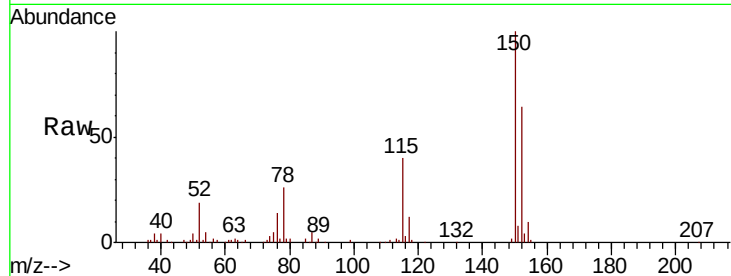


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118526.D
Acq: 10 Jan 2020 20:35

Instrument :
BNA_F
ClientSampleId :
RBR-200030

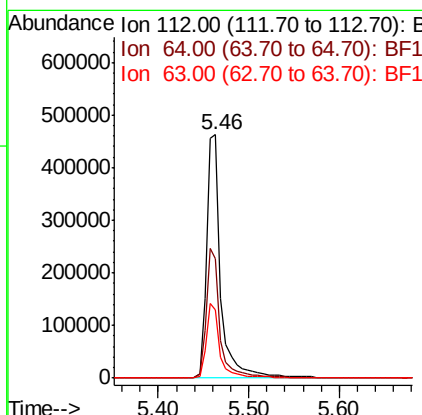
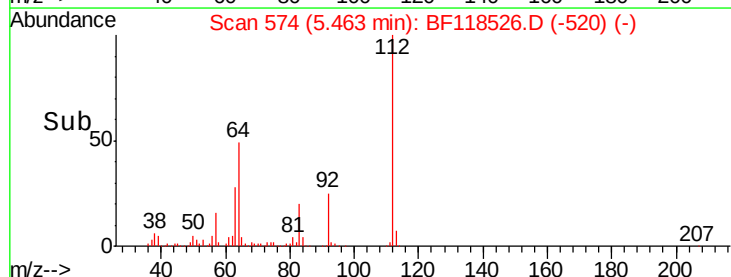
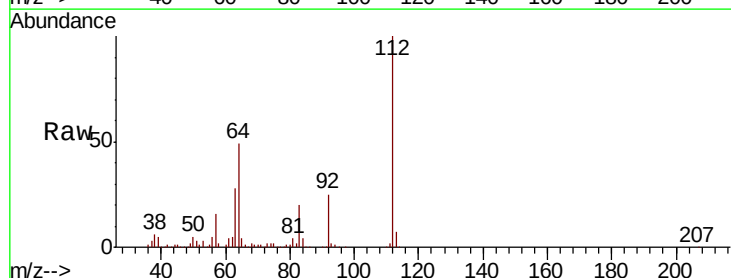
Tot Ion:152 Resp: 83411
Ion Ratio Lower Upper
152 100
150 155.7 124.7 187.1
115 62.7 49.0 73.6

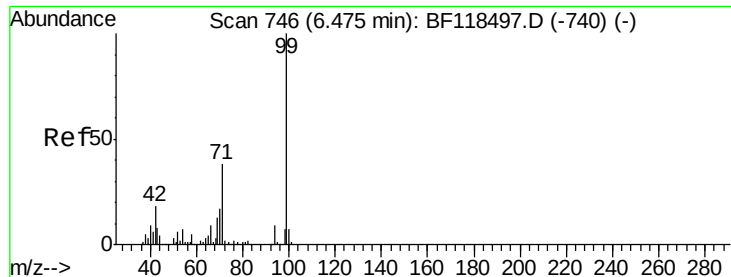


#5

2-Fluorophenol
Concen: 102.564 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF118526.D
Acq: 10 Jan 2020 20:35

Tgt Ion:112 Resp: 518248
Ion Ratio Lower Upper
112 100
64 49.0 41.1 61.7
63 28.0 24.1 36.1





#7

Phenol-d6

Concen: 89.565 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118526.D

Acq: 10 Jan 2020 20:35

Instrument :

BNA_F

ClientSampleId :

RBR-200030

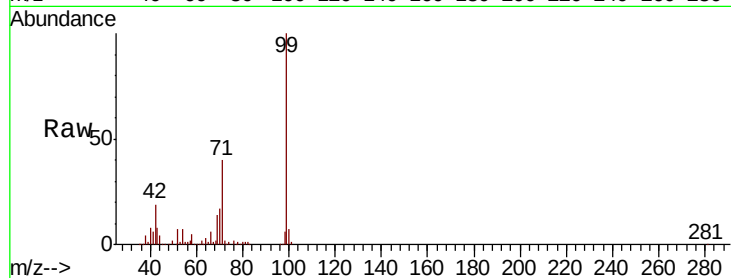
Tot Ion: 99 Resp: 541069

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

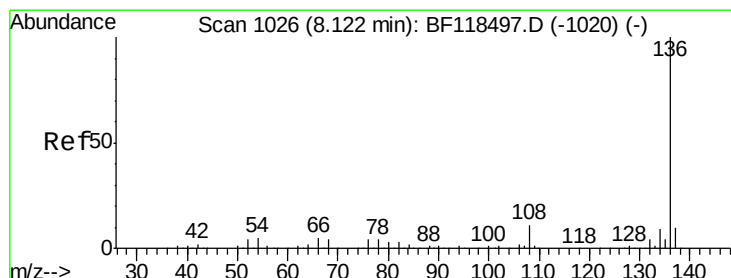
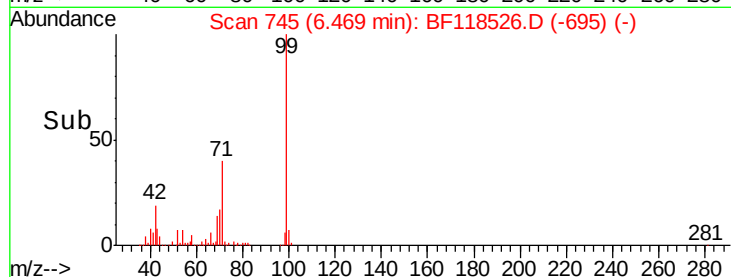
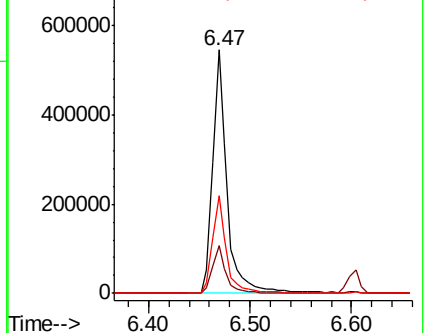
71 40.1 30.6 45.8



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118526.D

Acq: 10 Jan 2020 20:35

Tgt Ion: 136 Resp: 322929

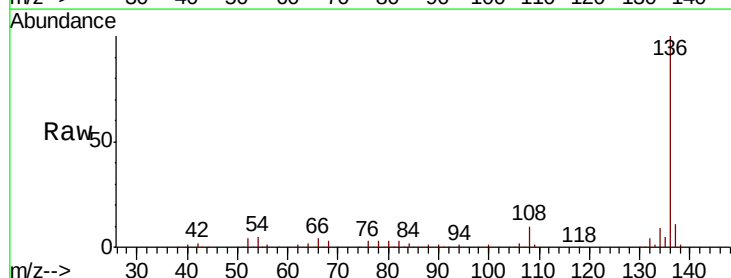
Ion Ratio Lower Upper

136 100

137 10.6 8.3 12.5

54 5.2 4.2 6.2

68 3.4 3.3 4.9

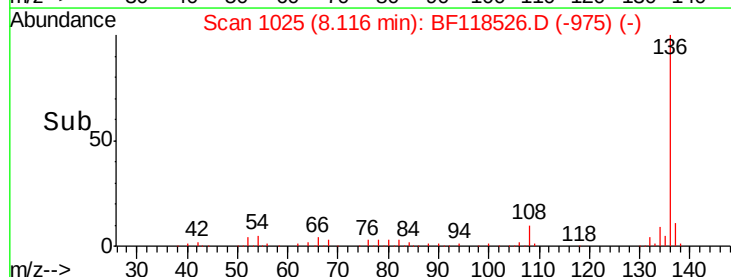
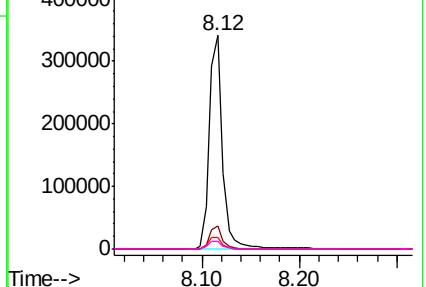


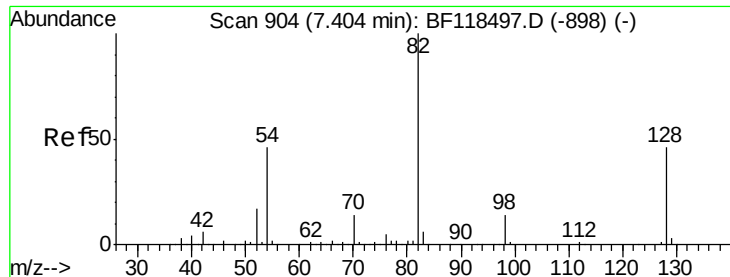
Abundance Ion 136.00 (135.70 to 136.70): E

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

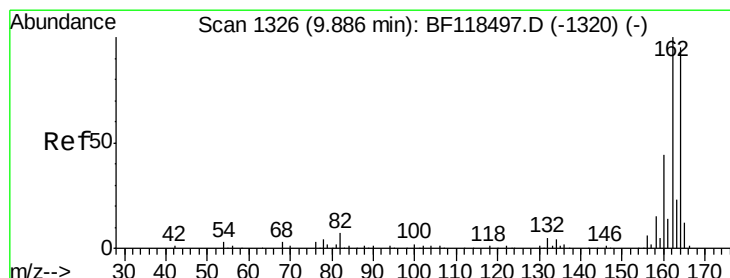
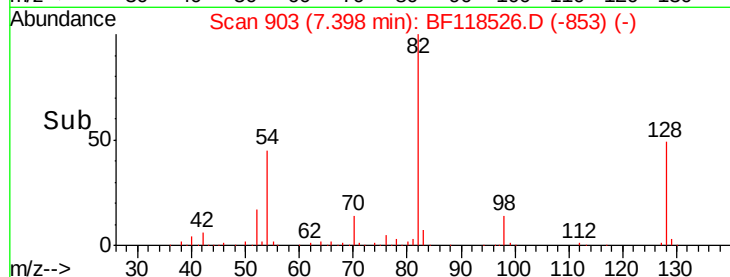
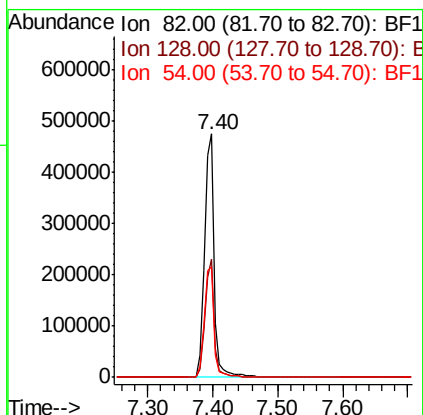
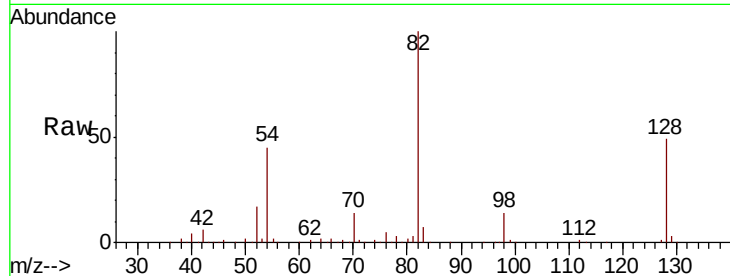




#23
 Nitrobenzene-d5
 Concen: 78.761 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF118526.D
 Acq: 10 Jan 2020 20:35

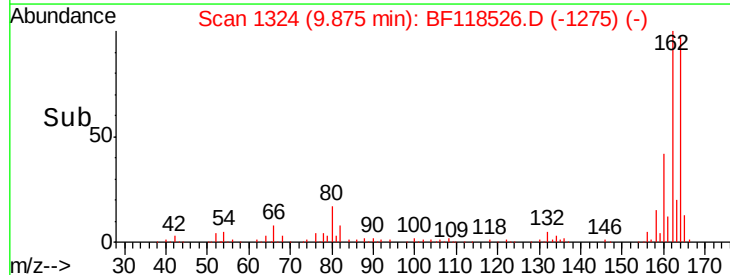
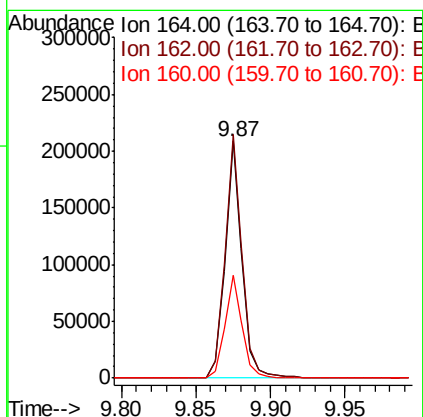
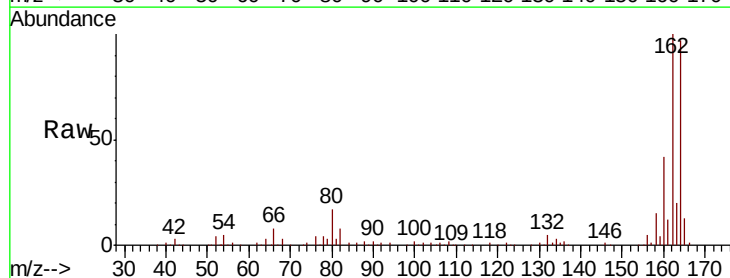
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200030

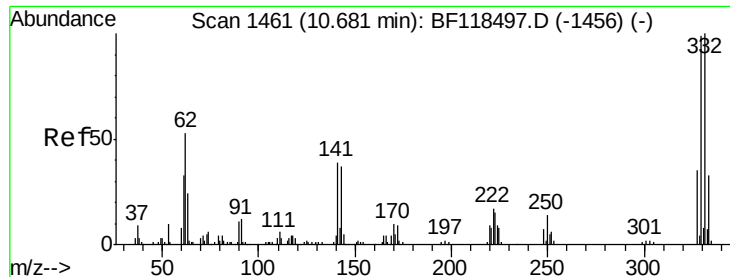
Tot Ion: 82 Resp: 484173
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.6 54.8
 54 45.4 37.0 55.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF118526.D
 Acq: 10 Jan 2020 20:35

Tgt Ion: 164 Resp: 168275
 Ion Ratio Lower Upper
 164 100
 162 102.8 84.2 126.4
 160 43.4 36.8 55.2





#42

2,4,6-Tribromophenol

Concen: 127.380 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118526.D

Acq: 10 Jan 2020 20:35

Instrument :

BNA_F

ClientSampleId :

RBR-200030

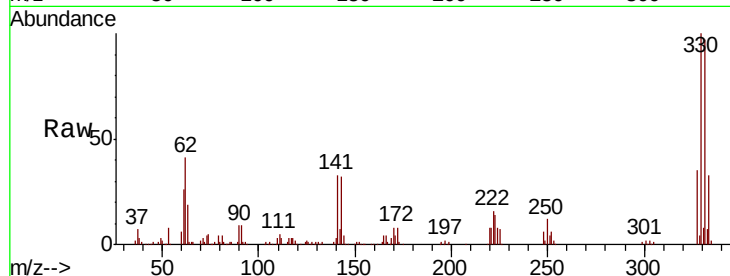
Tot Ion:330 Resp: 252928

Ion Ratio Lower Upper

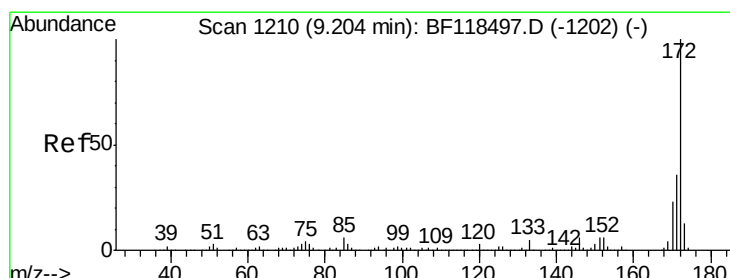
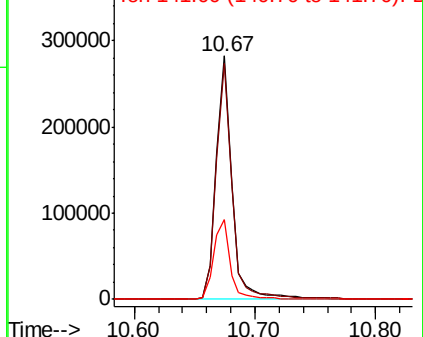
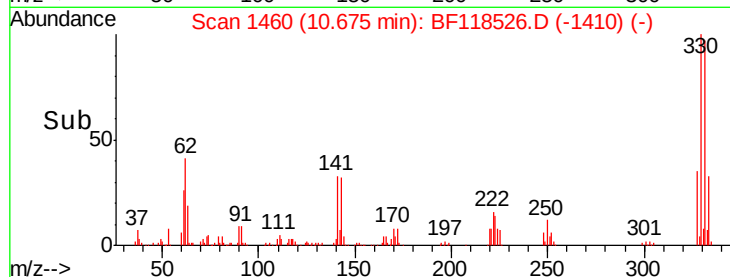
330 100

332 98.7 77.9 116.9

141 35.0 28.6 43.0



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: 89.417 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF118526.D

Acq: 10 Jan 2020 20:35

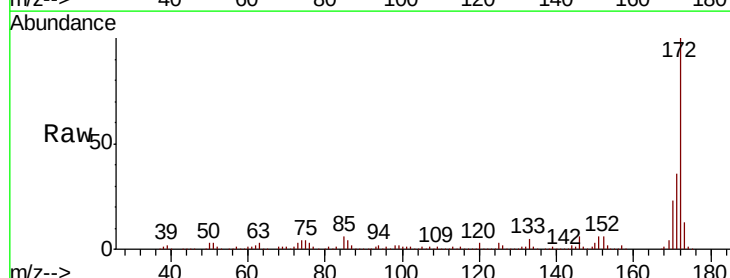
Tgt Ion:172 Resp: 1049134

Ion Ratio Lower Upper

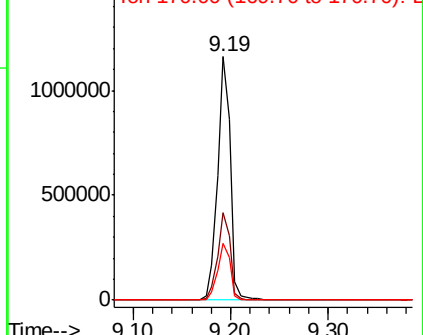
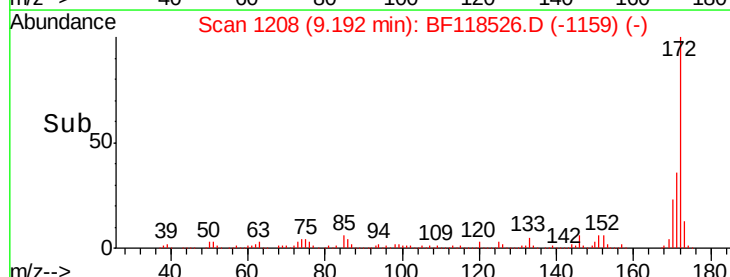
172 100

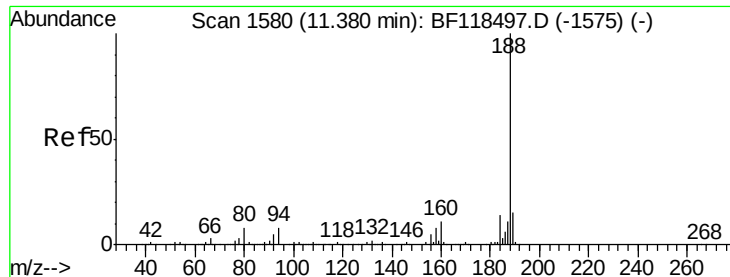
171 35.8 28.6 42.8

170 23.4 18.6 27.8



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

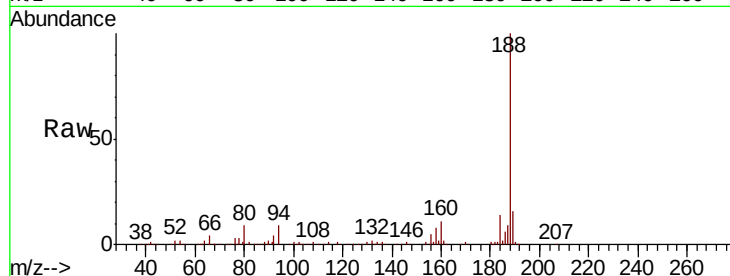




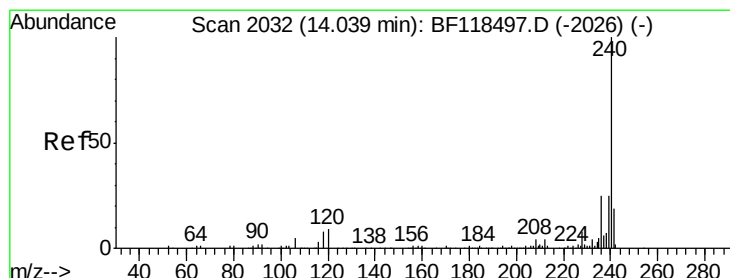
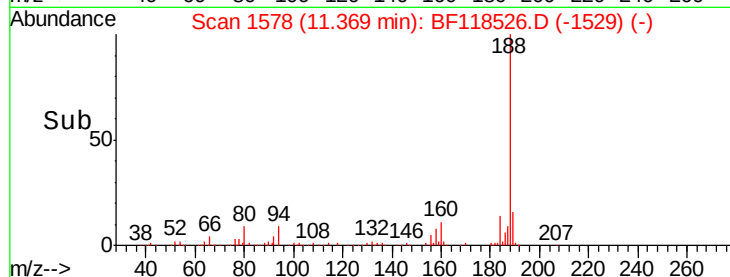
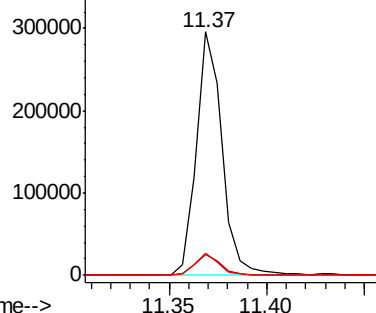
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118526.D
Acq: 10 Jan 2020 20:35

Instrument :
BNA_F
ClientSampleId :
RBR-200030

Tot Ion:188 Resp: 269311
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.4
80 9.1 6.6 10.0

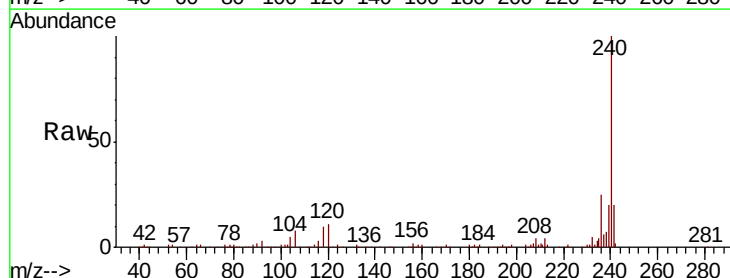


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

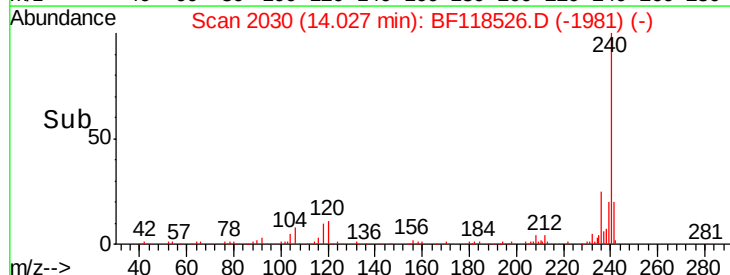
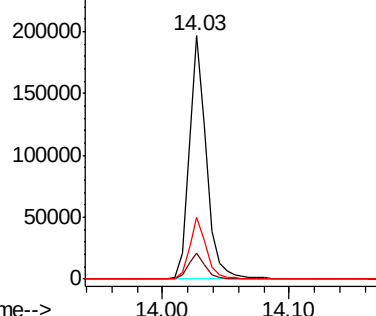


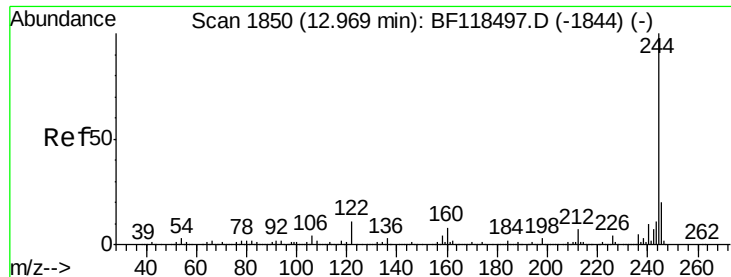
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118526.D
Acq: 10 Jan 2020 20:35

Tgt Ion:240 Resp: 187998
Ion Ratio Lower Upper
240 100
120 10.9 7.0 10.6#
236 25.4 20.1 30.1



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: 101.151 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF118526.D

Acq: 10 Jan 2020 20:35

Instrument :

BNA_F

ClientSampleId :

RBR-200030

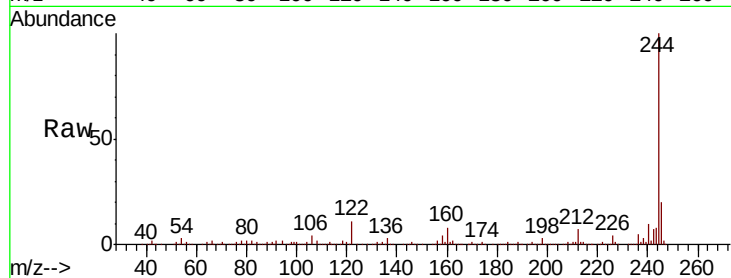
Tot Ion:244 Resp: 1200000

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

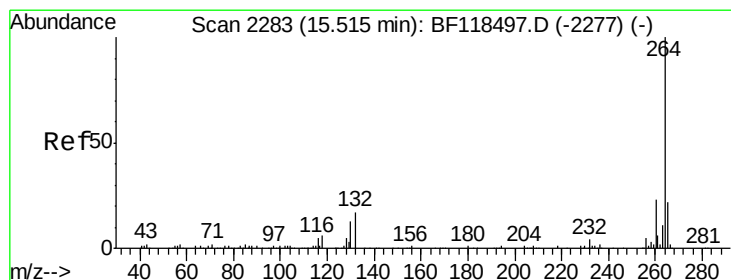
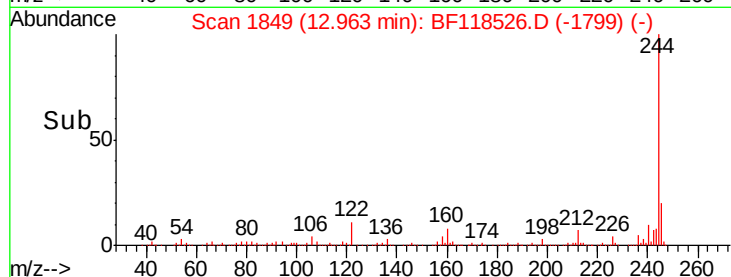
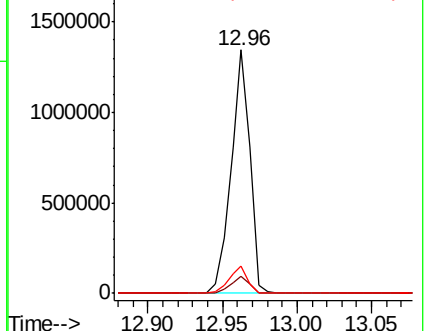
122 11.4 9.0 13.6



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: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF118526.D

Acq: 10 Jan 2020 20:35

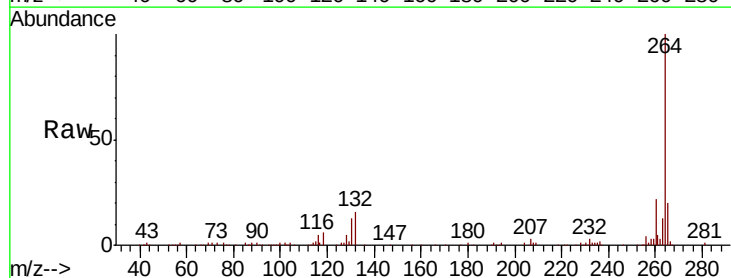
Tgt Ion:264 Resp: 197883

Ion Ratio Lower Upper

264 100

260 22.4 18.8 28.2

265 20.5 17.5 26.3



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

