

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
 Data File : BF118521.D
 Acq On : 10 Jan 2020 18:15
 Operator : JU
 Sample : L1060-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Jan 11 03:21:33 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	72710	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	296853	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	165743	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	308158	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	214007	20.00	ng	-0.01
87) Perylene-d12	15.52	264	166079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	503636	114.34	ng	0.00
7) Phenol-d6	6.47	99	570550	108.35	ng	0.00
23) Nitrobenzene-d5	7.40	82	506266	89.59	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	245868	125.72	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	929401	80.42	ng	-0.01
79) Terphenyl-d14	12.96	244	1076375	79.70	ng	0.00

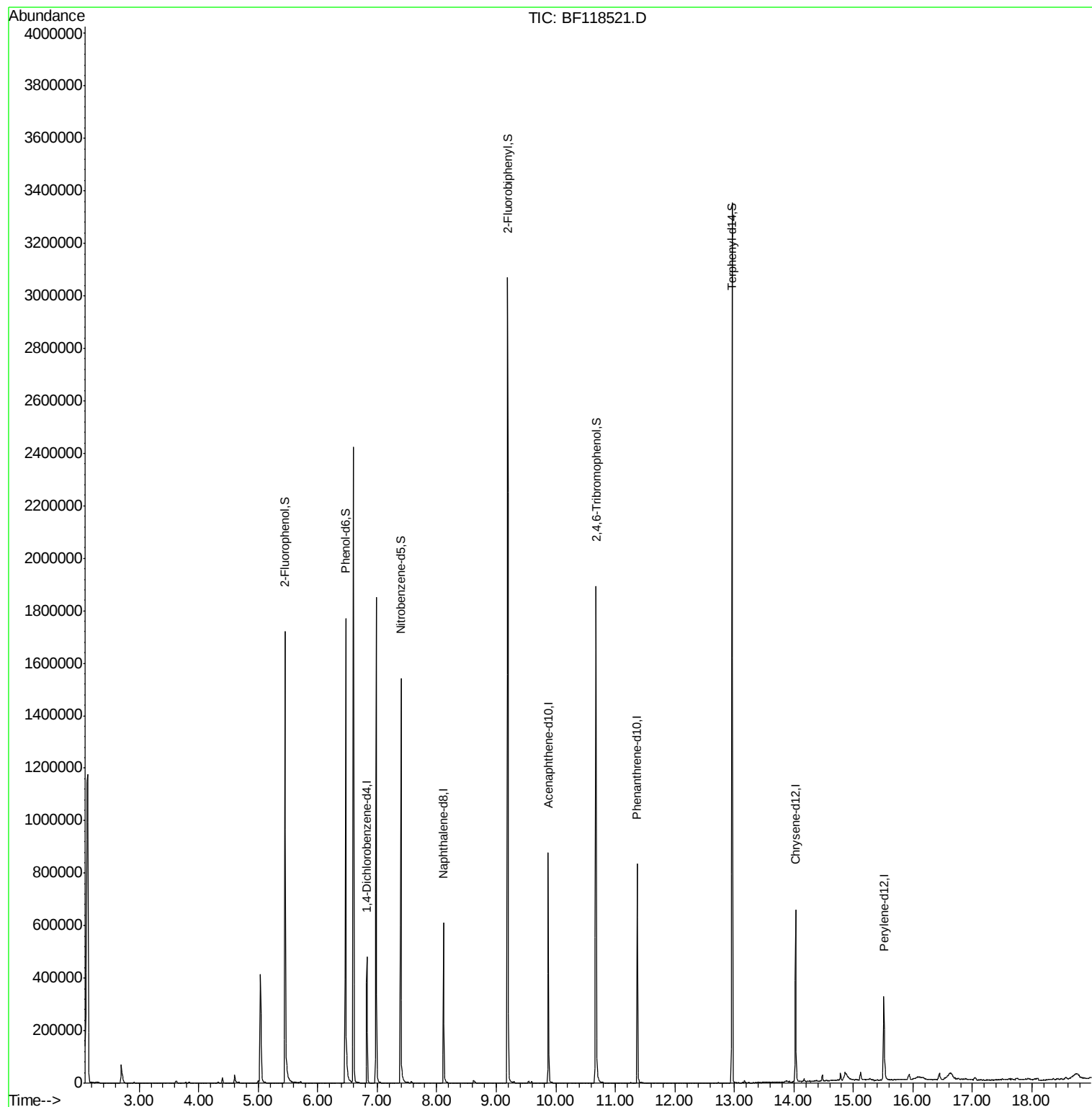
Target Compounds Qvalue

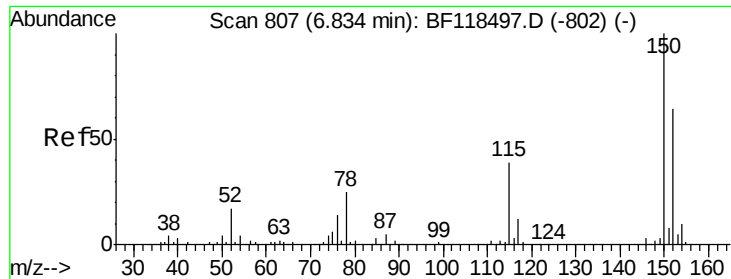
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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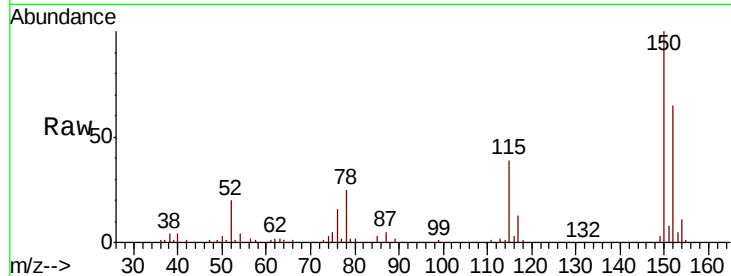




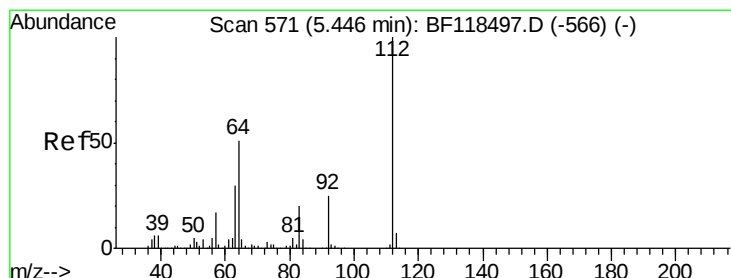
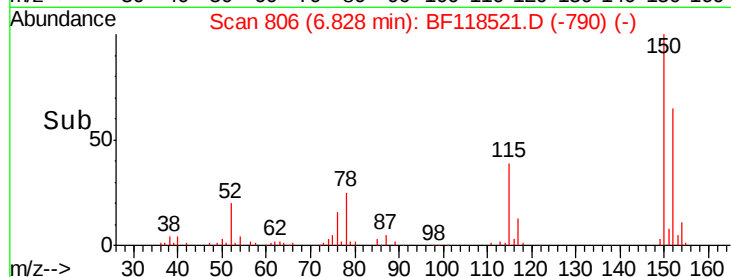
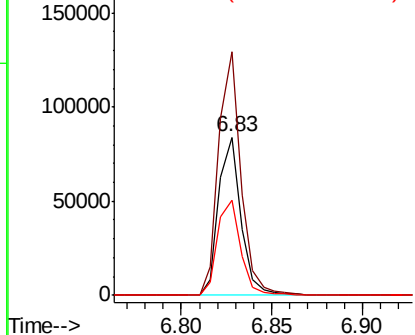
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF118521.D
 Acq: 10 Jan 2020 18:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:152 Resp: 72710
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.7 187.1
 115 59.8 49.0 73.6

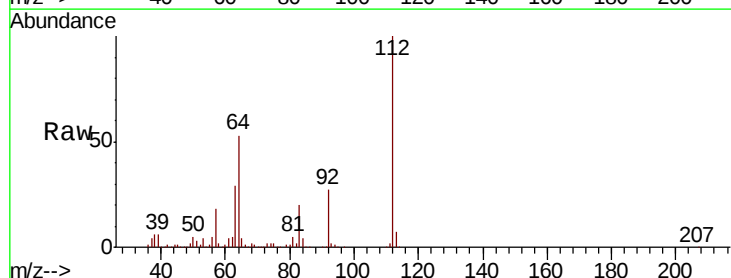


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

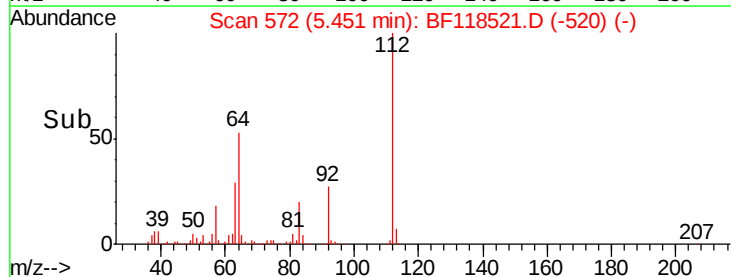
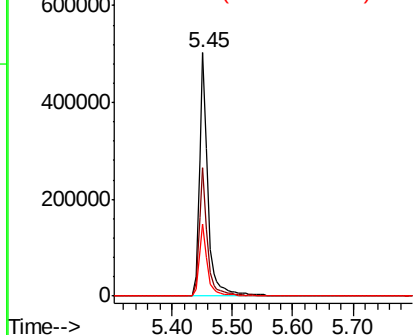


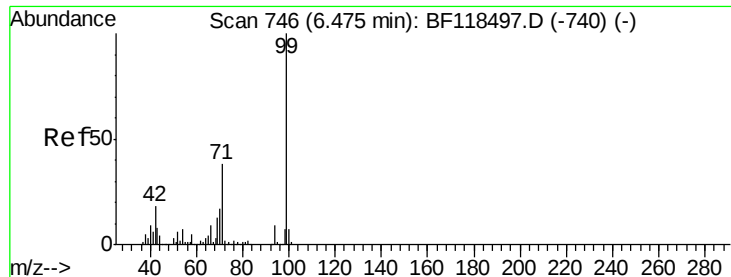
#5
 2-Fluorophenol
 Concen: 114.341 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF118521.D
 Acq: 10 Jan 2020 18:15

Tgt Ion:112 Resp: 503636
 Ion Ratio Lower Upper
 112 100
 64 52.5 41.1 61.7
 63 29.4 24.1 36.1



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: 108.345 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118521.D

Acq: 10 Jan 2020 18:15

Instrument :

BNA_F

ClientSampleId :

TP-2

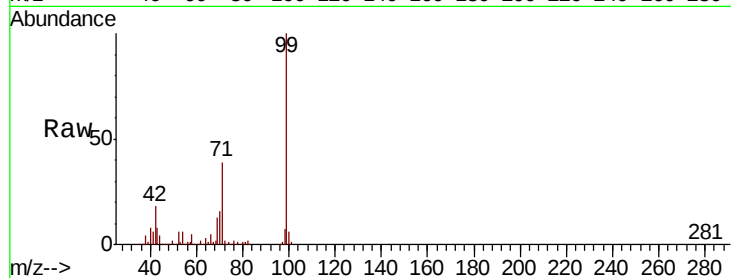
Tot Ion: 99 Resp: 570550

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

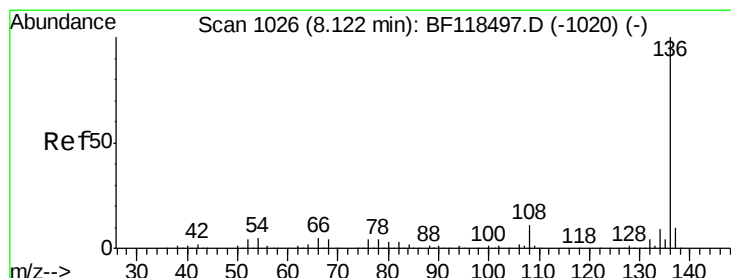
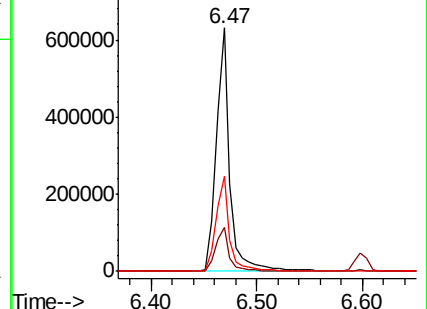
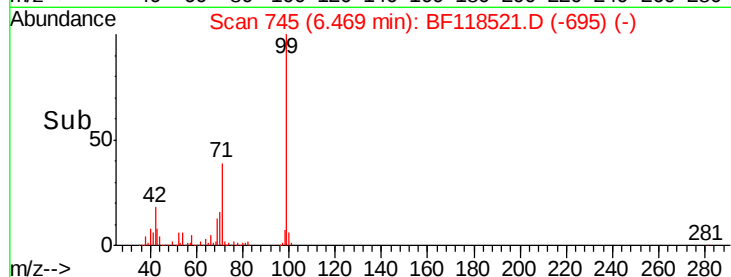
71 38.9 30.6 45.8



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: BF118521.D

Acq: 10 Jan 2020 18:15

Tgt Ion: 136 Resp: 296853

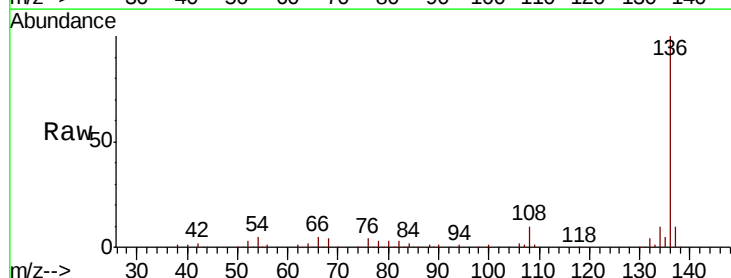
Ion Ratio Lower Upper

136 100

137 10.1 8.3 12.5

54 5.1 4.2 6.2

68 3.8 3.3 4.9

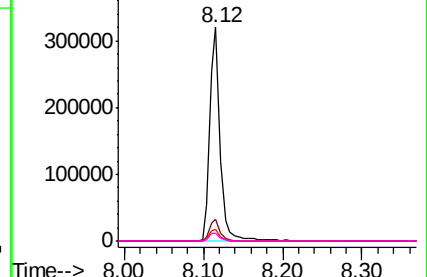
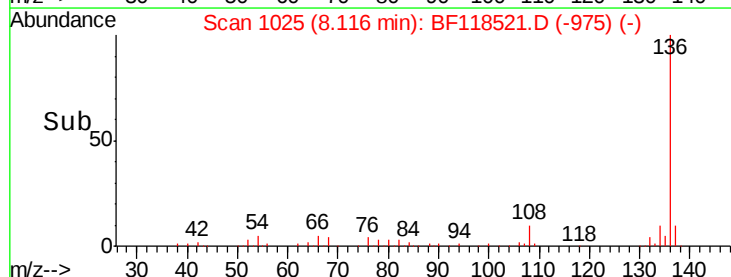


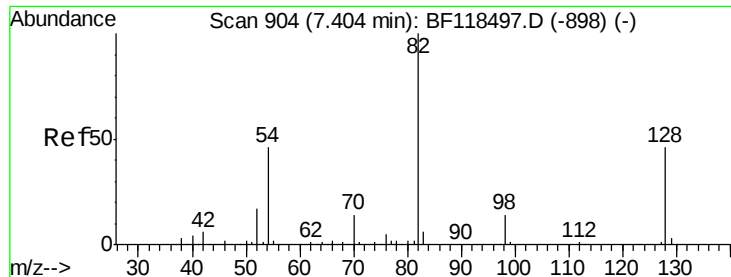
Abundance Ion 136.00 (135.70 to 136.70): E

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

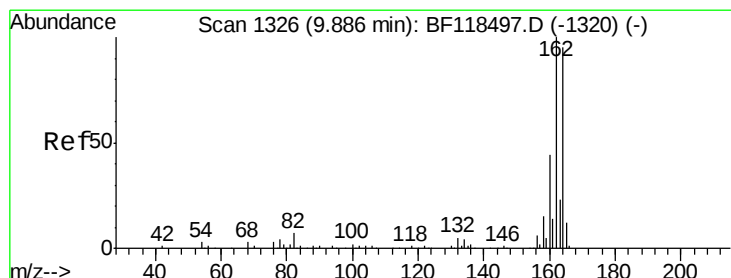
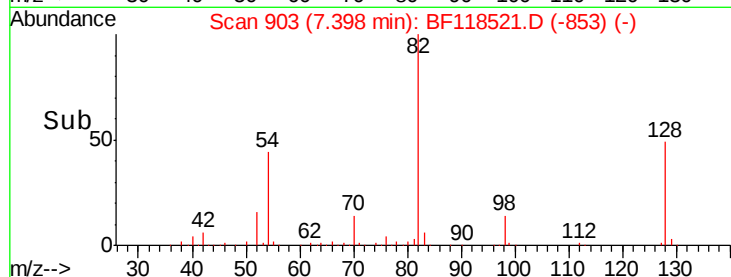
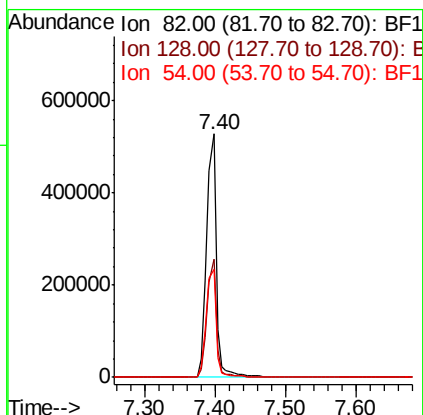
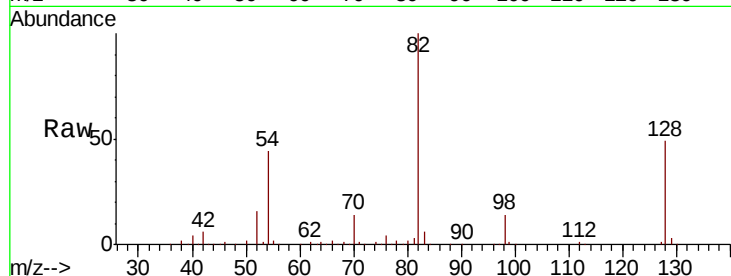




#23
 Nitrobenzene-d5
 Concen: 89.589 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF118521.D
 Acq: 10 Jan 2020 18:15

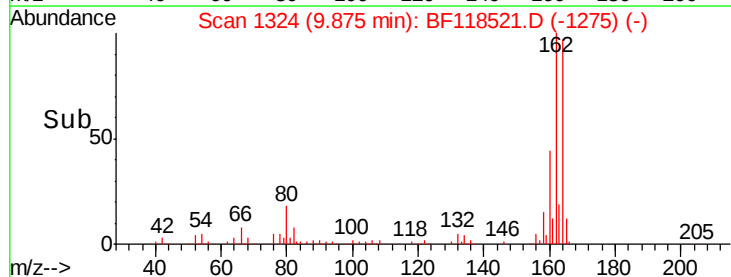
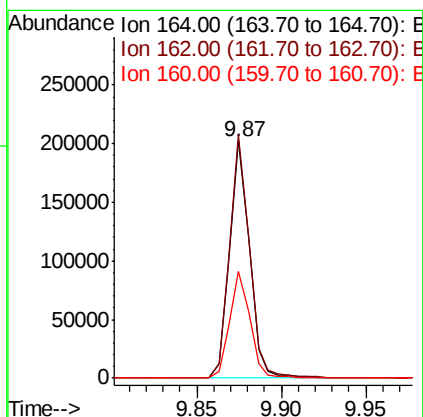
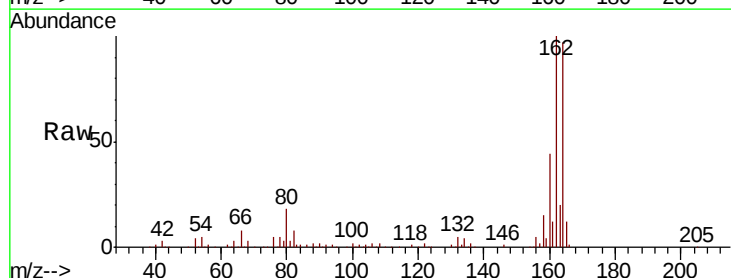
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

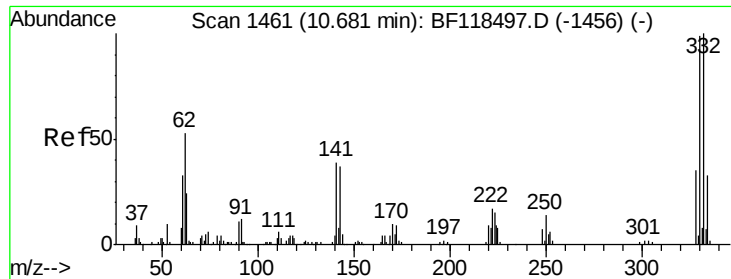
Tot Ion: 82 Resp: 506266
 Ion Ratio Lower Upper
 82 100
 128 48.5 36.6 54.8
 54 44.2 37.0 55.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF118521.D
 Acq: 10 Jan 2020 18:15

Tgt Ion:164 Resp: 165743
 Ion Ratio Lower Upper
 164 100
 162 102.7 84.2 126.4
 160 45.1 36.8 55.2





#42

2,4,6-Tribromophenol

Concen: 125.716 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118521.D

Acq: 10 Jan 2020 18:15

Instrument :

BNA_F

ClientSampleId :

TP-2

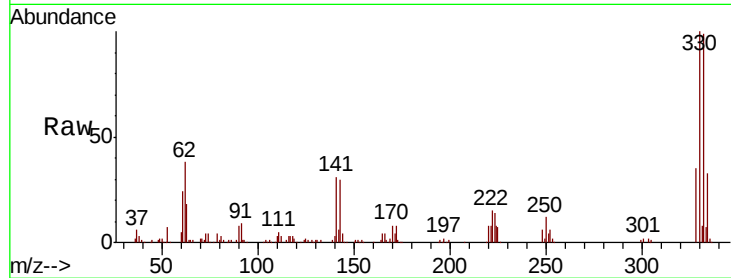
Tot Ion:330 Resp: 245868

Ion Ratio Lower Upper

330 100

332 96.5 77.9 116.9

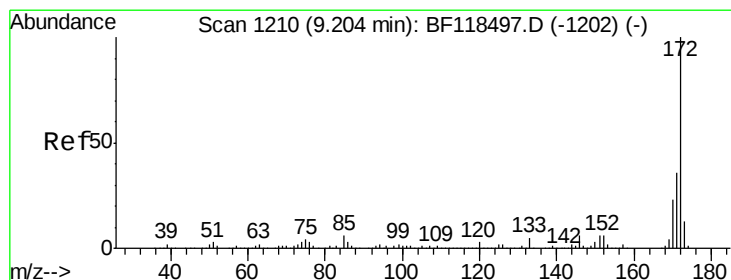
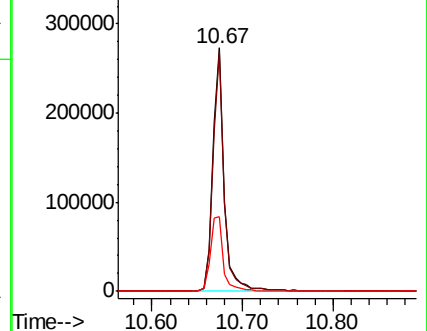
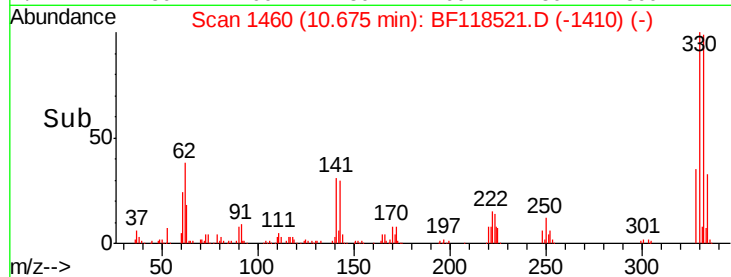
141 34.6 28.6 43.0



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: 80.423 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF118521.D

Acq: 10 Jan 2020 18:15

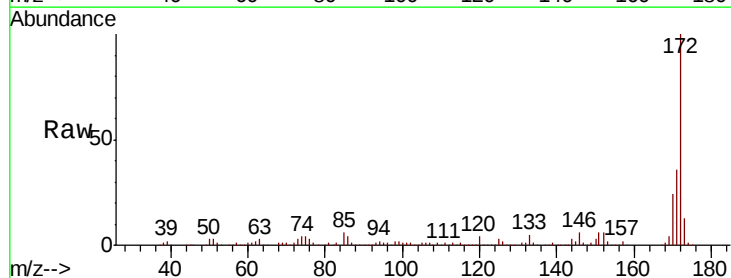
Tgt Ion:172 Resp: 929401

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

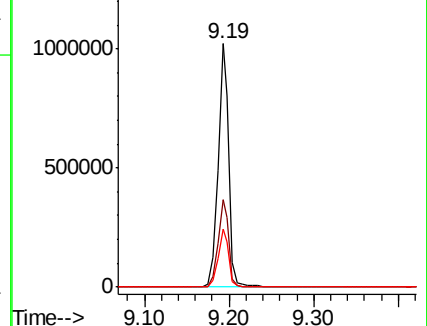
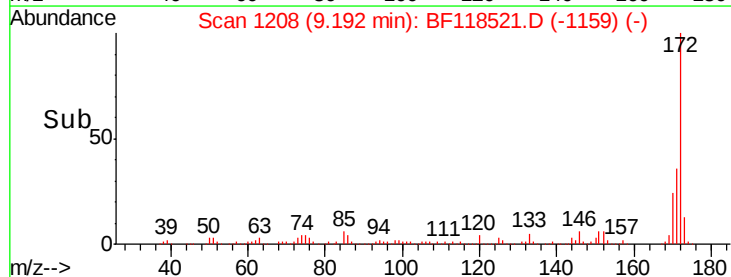
170 23.6 18.6 27.8

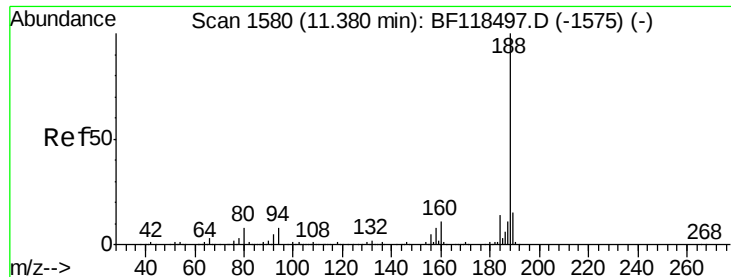


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

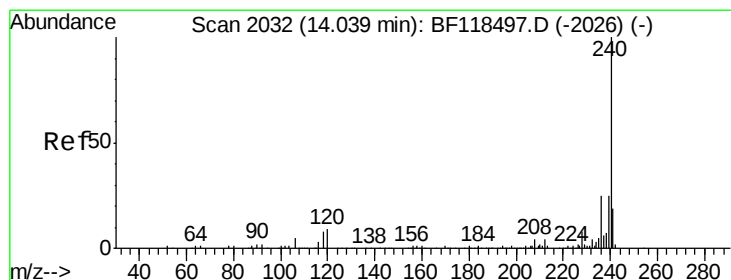
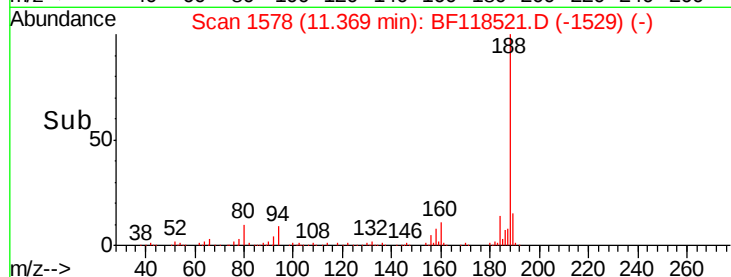
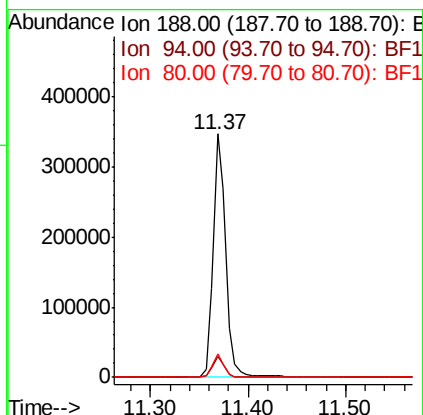
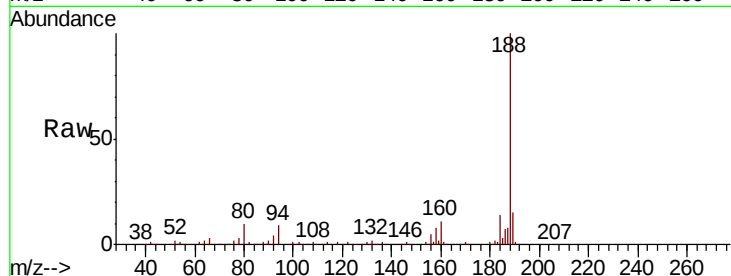




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118521.D
Acq: 10 Jan 2020 18:15

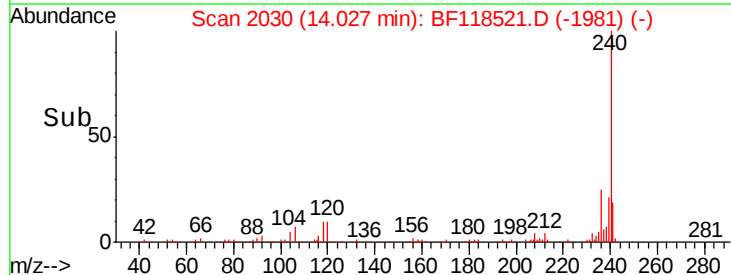
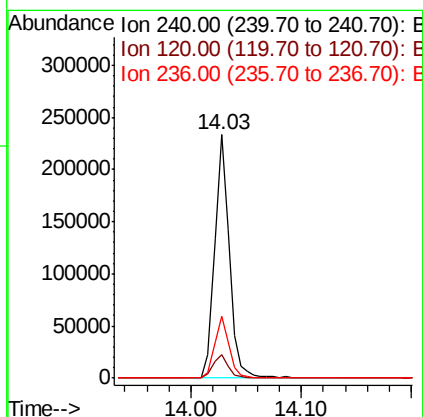
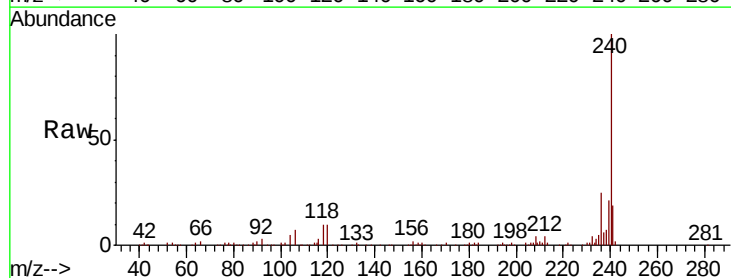
Instrument :
BNA_F
ClientSampleId :
TP-2

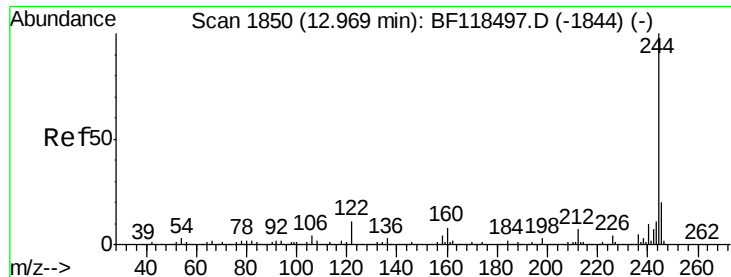
Tot Ion:188 Resp: 308158
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.4
80 9.9 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118521.D
Acq: 10 Jan 2020 18:15

Tgt Ion:240 Resp: 214007
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 25.4 20.1 30.1





#79

Terphenyl-d14

Concen: 79.704 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF118521.D

Acq: 10 Jan 2020 18:15

Instrument :

BNA_F

ClientSampleId :

TP-2

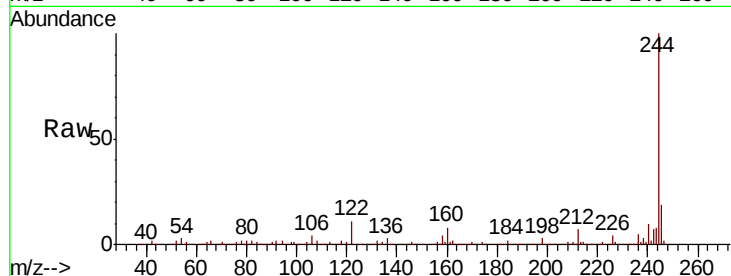
Tot Ion:244 Resp: 1076375

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

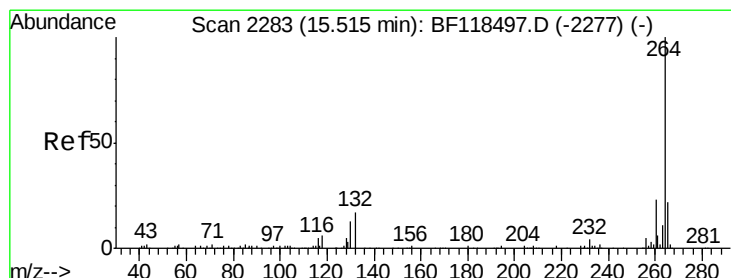
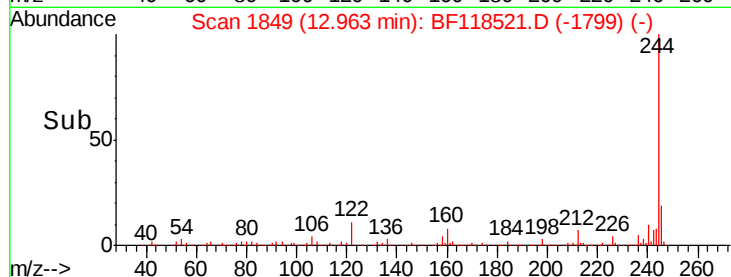
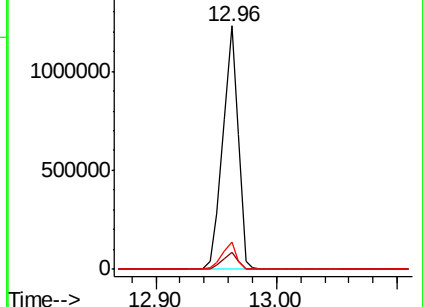
122 11.1 9.0 13.6



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: BF118521.D

Acq: 10 Jan 2020 18:15

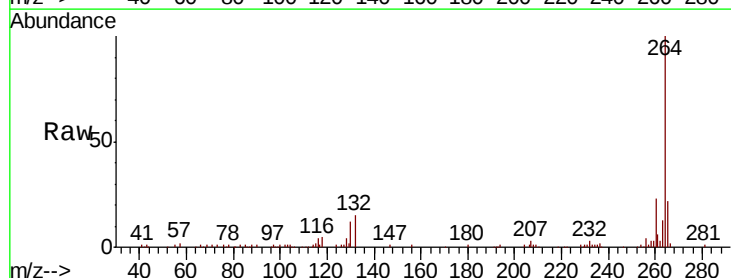
Tgt Ion:264 Resp: 166079

Ion Ratio Lower Upper

264 100

260 22.6 18.8 28.2

265 21.9 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

