

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118504.D
 Acq On : 8 Jan 2020 17:39
 Operator : JU
 Sample : PB125777BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125777BL

Quant Time: Jan 09 03:32:06 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	87388	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	355123	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	209651	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	362398	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	233663	20.00	ng	-0.01
87) Perylene-d12	15.51	264	195054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	709710	134.06	ng	0.01
7) Phenol-d6	6.47	99	924224	146.03	ng	0.00
23) Nitrobenzene-d5	7.40	82	624758	92.42	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	337504	136.43	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1336613	91.44	ng	-0.01
79) Terphenyl-d14	12.97	244	1474665	100.01	ng	0.00

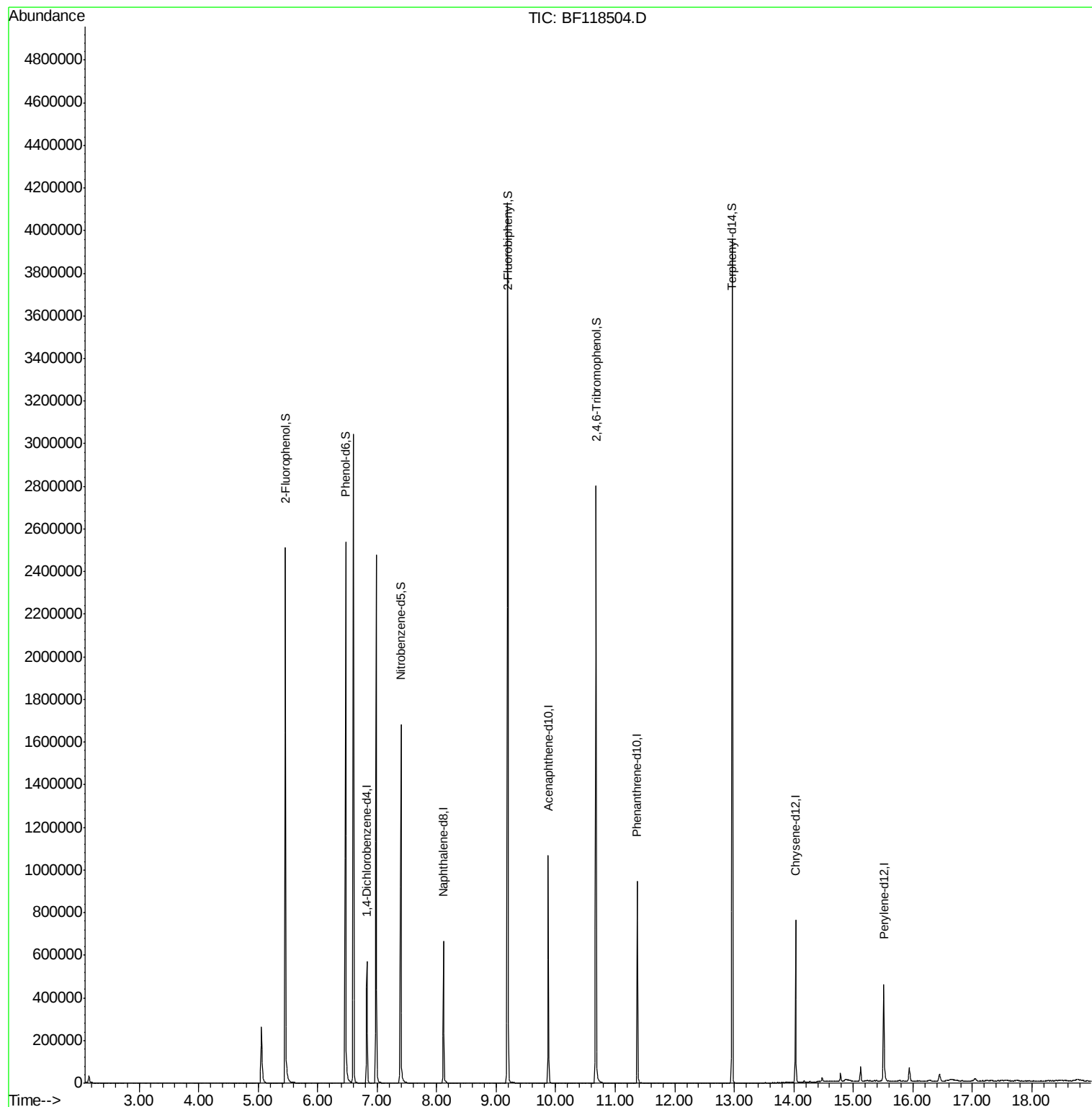
Target Compounds Qvalue

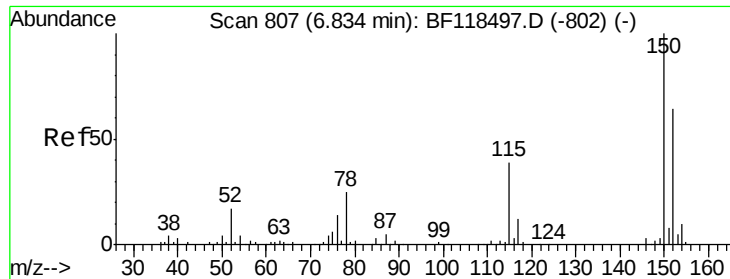
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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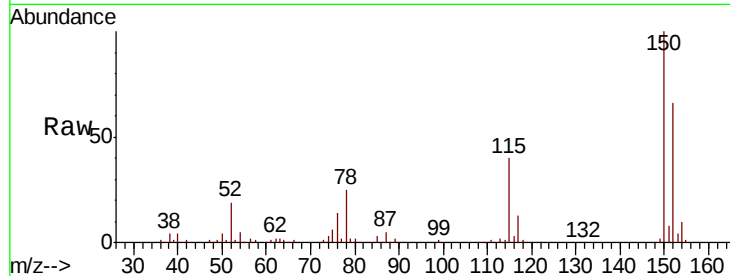


#1

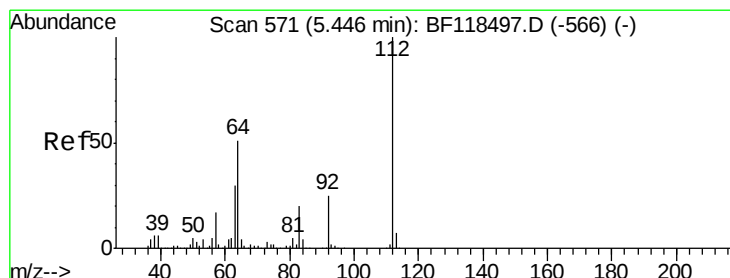
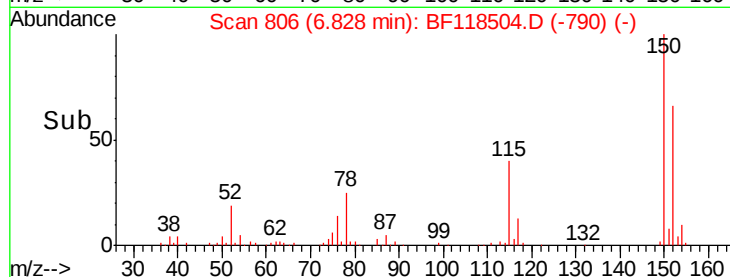
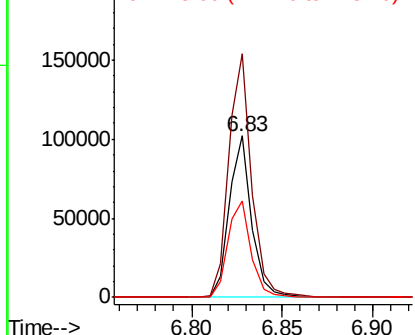
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF118504.D
 Acq: 8 Jan 2020 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PB125777BL

Tot Ion:152 Resp: 87388
 Ion Ratio Lower Upper
 152 100
 150 150.9 124.7 187.1
 115 59.6 49.0 73.6



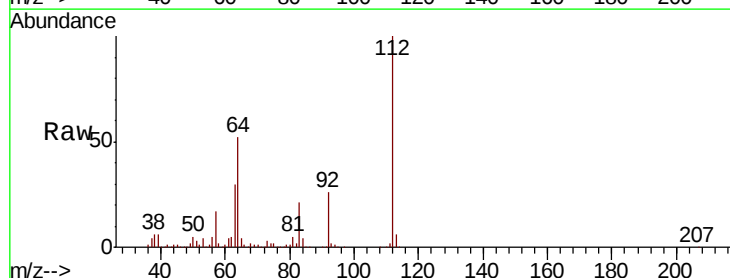
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



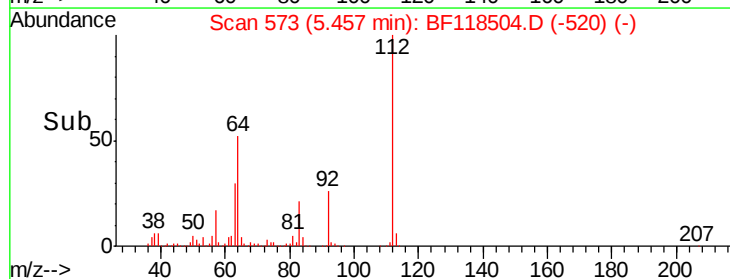
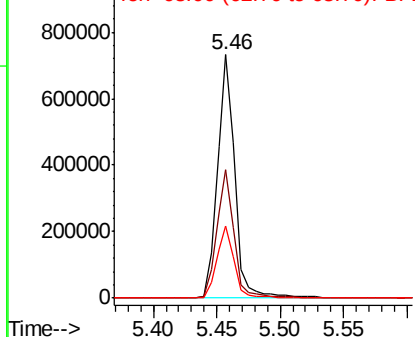
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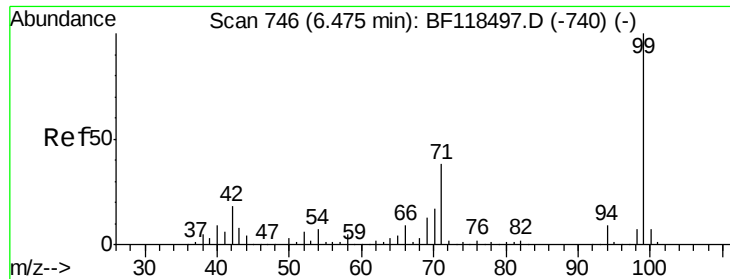
2-Fluorophenol
 Concen: 134.063 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF118504.D
 Acq: 8 Jan 2020 17:39

Tgt Ion:112 Resp: 709710
 Ion Ratio Lower Upper
 112 100
 64 52.5 41.1 61.7
 63 29.8 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: 146.028 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118504.D

Acq: 8 Jan 2020 17:39

Instrument :

BNA_F

ClientSampleId :

PB125777BL

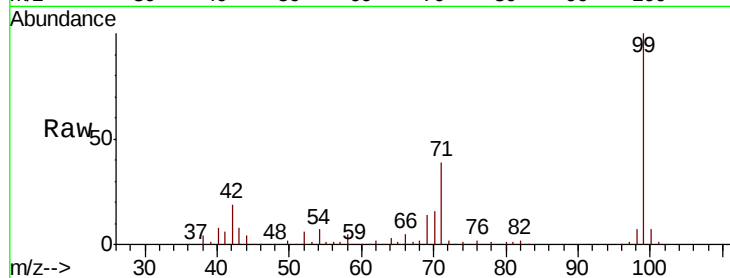
Tot Ion: 99 Resp: 924224

Ion Ratio Lower Upper

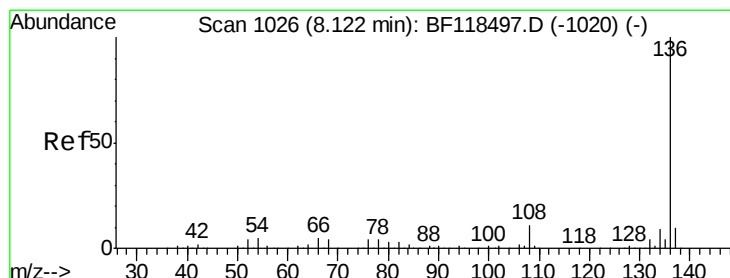
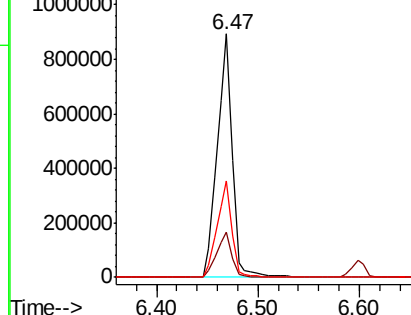
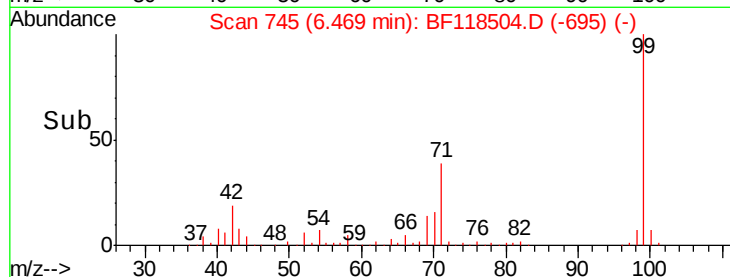
99 100

42 18.6 14.5 21.7

71 39.5 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: BF118504.D

Acq: 8 Jan 2020 17:39

Tgt Ion: 136 Resp: 355123

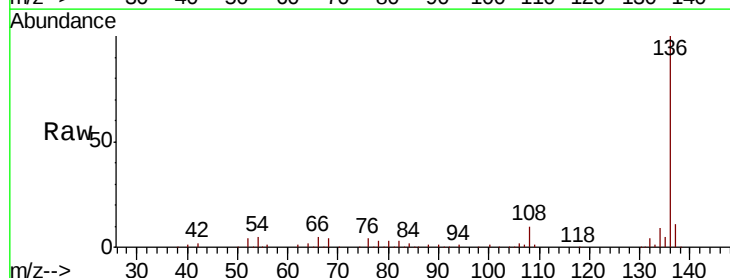
Ion Ratio Lower Upper

136 100

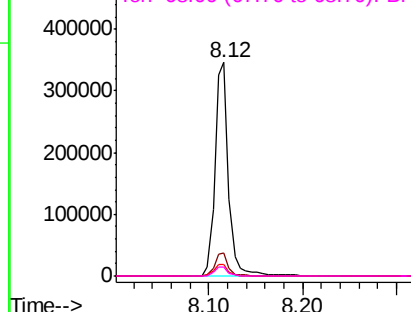
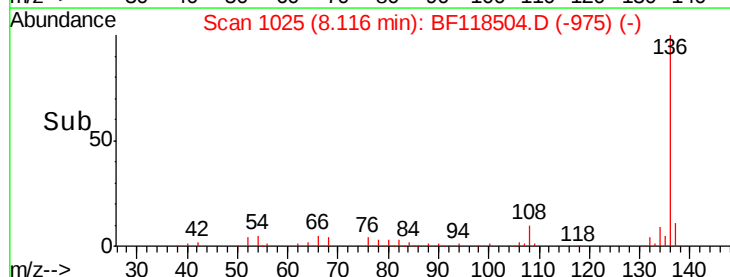
137 10.8 8.3 12.5

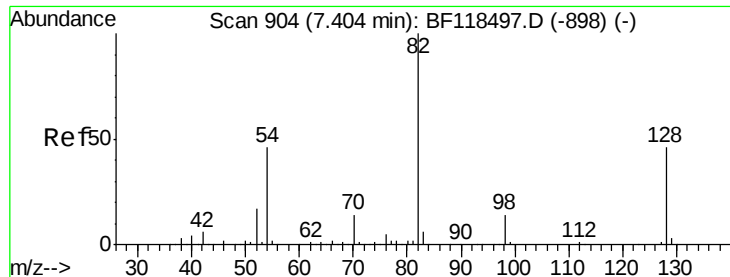
54 5.1 4.2 6.2

68 4.0 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

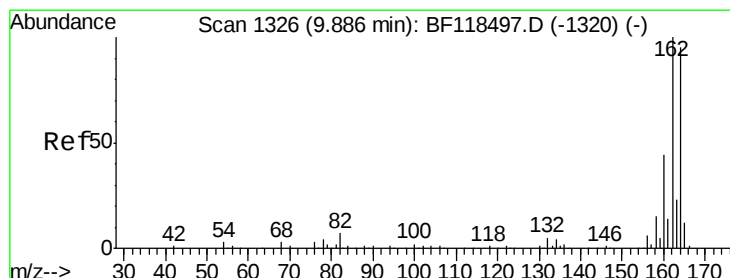
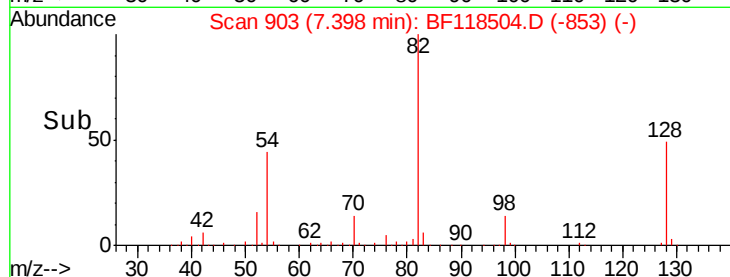
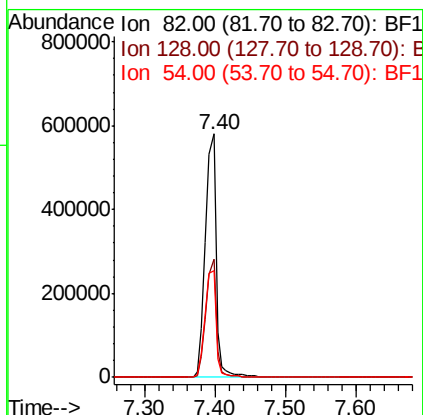
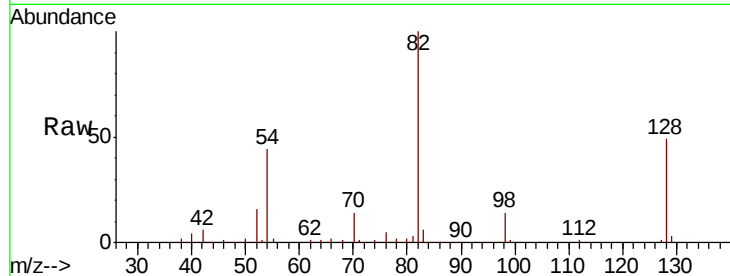




#23
Nitrobenzene-d5
Concen: 92.417 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

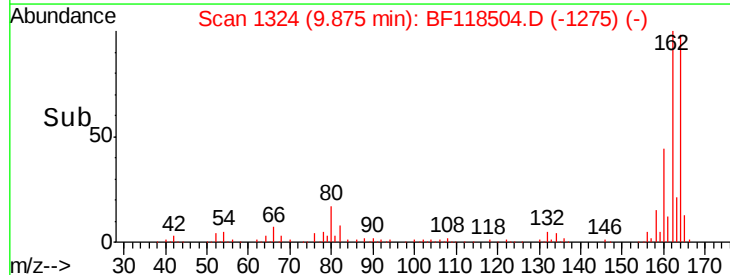
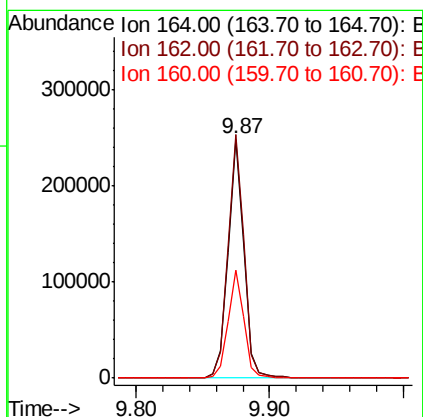
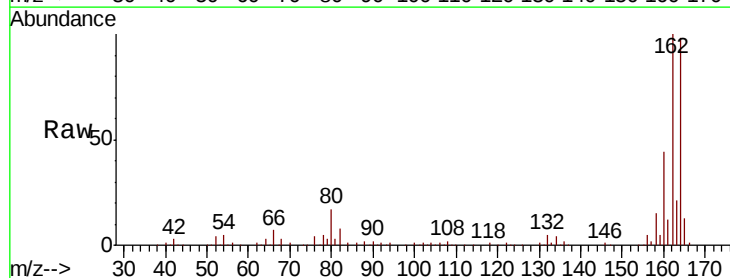
Instrument :
BNA_F
ClientSampleId :
PB125777BL

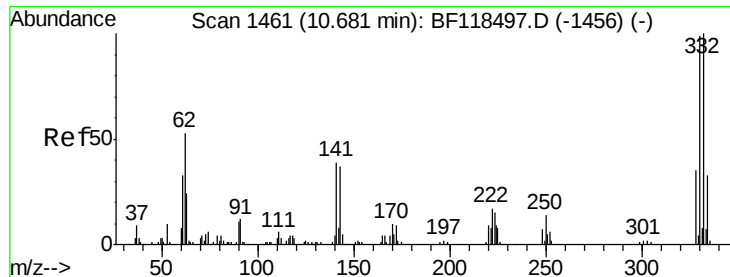
Tot Ion: 82 Resp: 624758
Ion Ratio Lower Upper
82 100
128 48.5 36.6 54.8
54 43.6 37.0 55.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:164 Resp: 209651
Ion Ratio Lower Upper
164 100
162 101.8 84.2 126.4
160 45.1 36.8 55.2

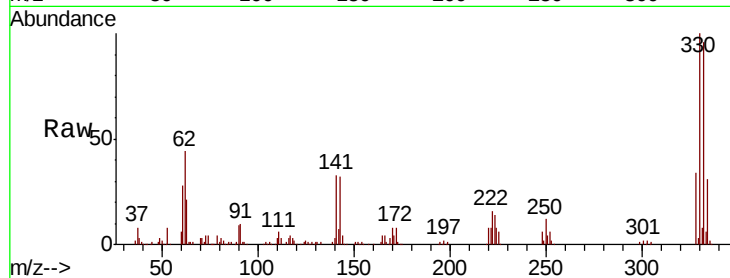




#42
 2,4,6-Tribromophenol
 Concen: 136.429 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF118504.D
 Acq: 8 Jan 2020 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PB125777BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.9	116.9
141	33.9	28.6	43.0

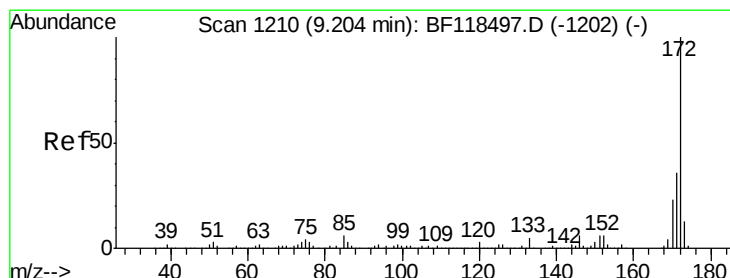
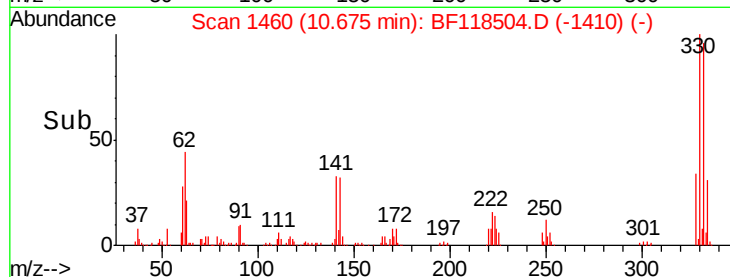
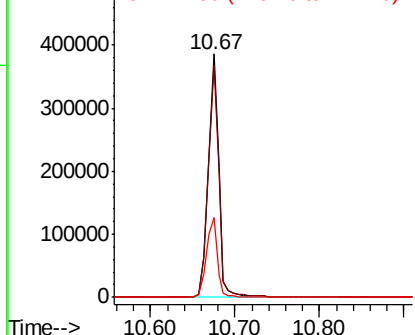


Abundance

Ion 329.80 (329.50 to 330.50): E

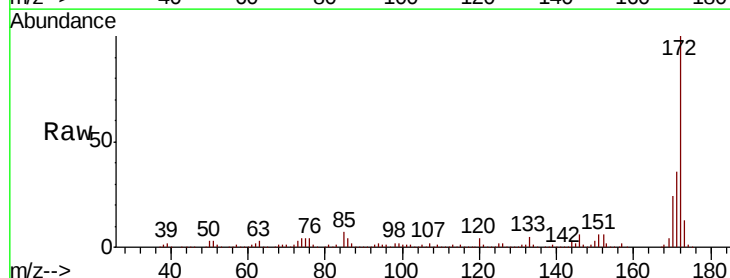
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.436 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118504.D
 Acq: 8 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.8	18.6	27.8

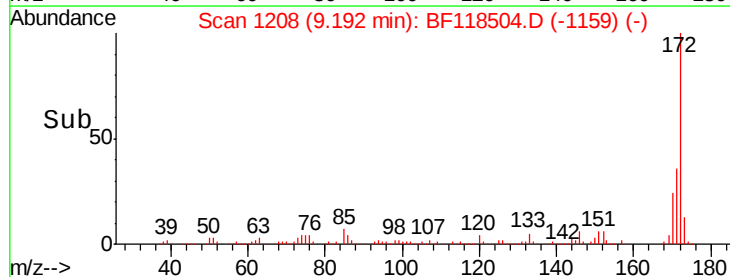
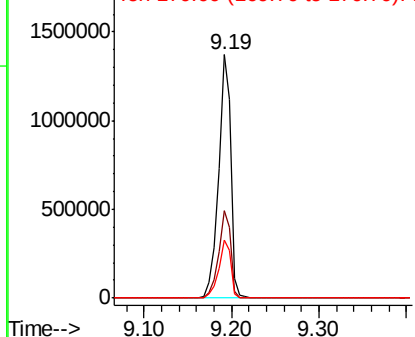


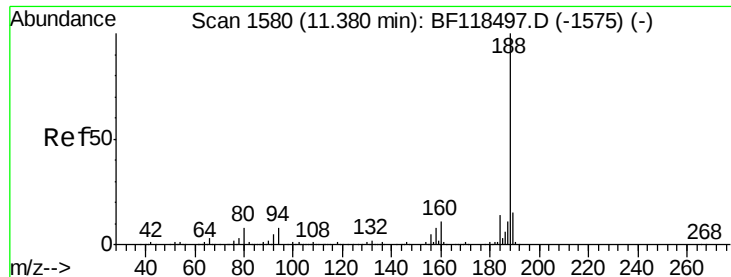
Abundance

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

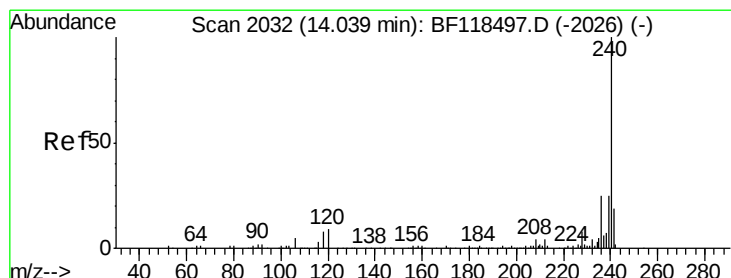
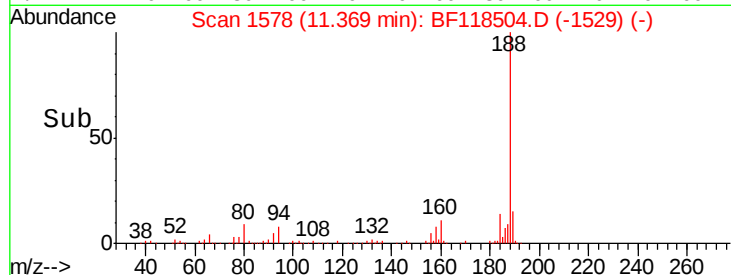
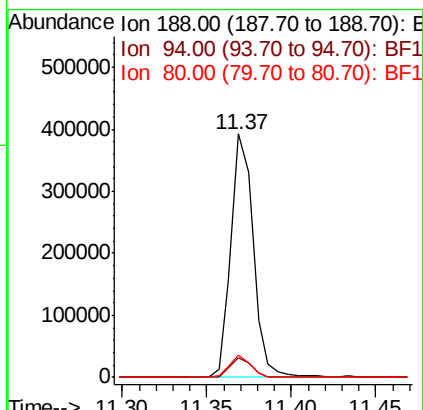
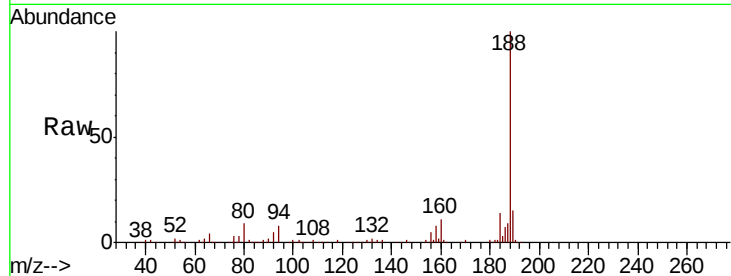




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

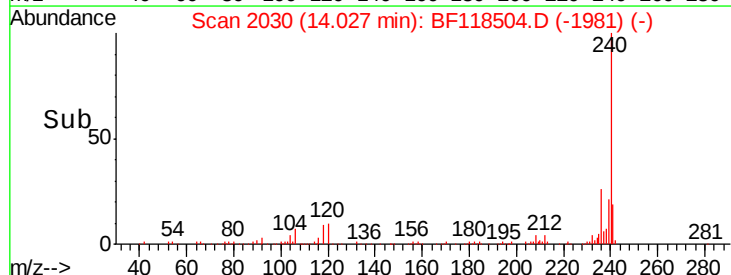
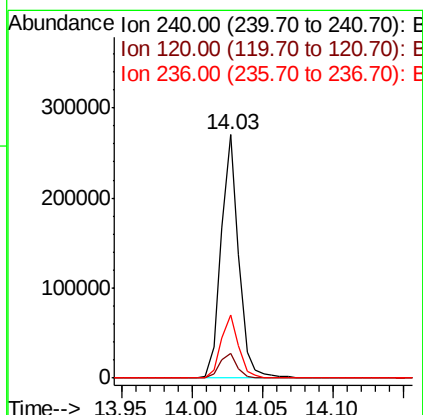
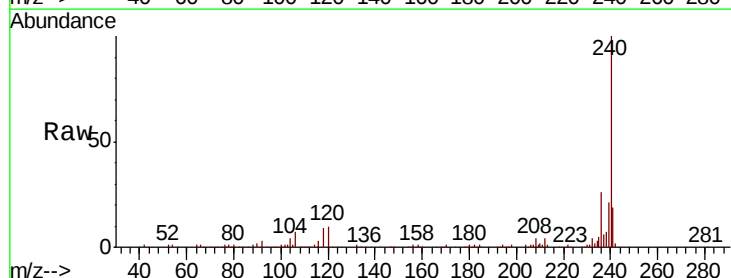
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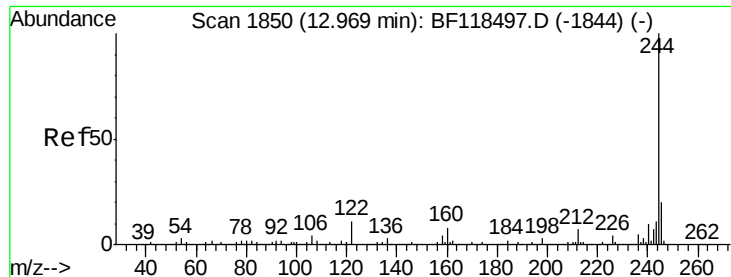
Tot Ion:188 Resp: 362398
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.4
80 9.0 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:240 Resp: 233663
Ion Ratio Lower Upper
240 100
120 10.2 7.0 10.6
236 26.1 20.1 30.1





#79

Terphenyl-d14

Concen: 100.011 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF118504.D

Acq: 8 Jan 2020 17:39

Instrument :

BNA_F

ClientSampleId :

PB125777BL

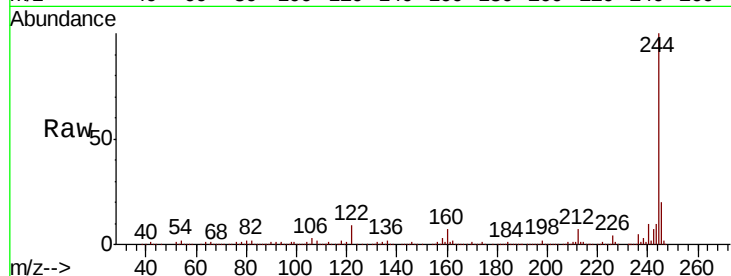
Tot Ion:244 Resp: 1474665

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

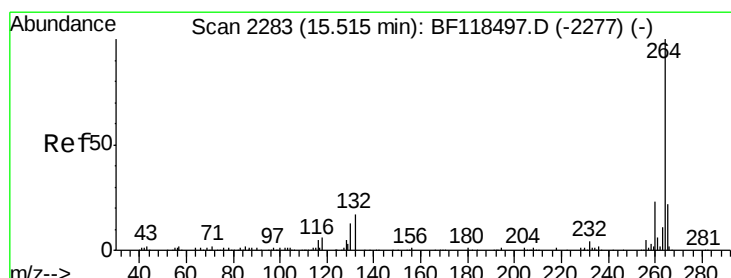
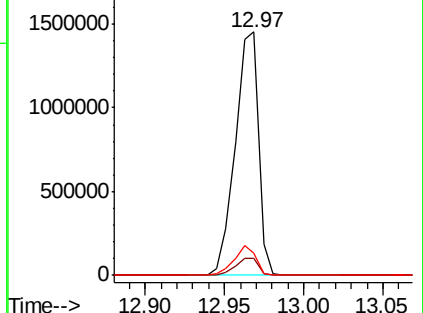
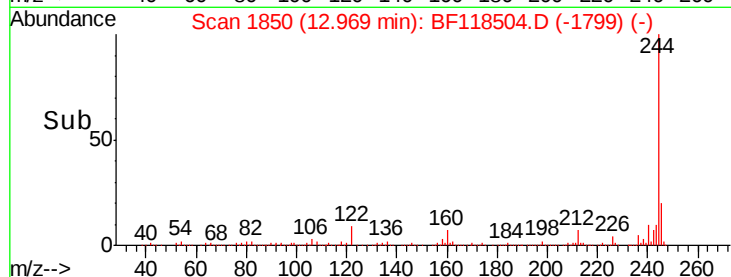
122 8.9 9.0 13.6#



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118504.D

Acq: 8 Jan 2020 17:39

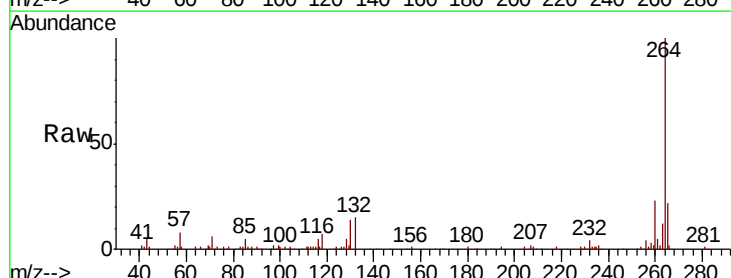
Tgt Ion:264 Resp: 195054

Ion Ratio Lower Upper

264 100

260 22.7 18.8 28.2

265 21.8 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

