

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
 Data File : BF118529.D
 Acq On : 10 Jan 2020 21:59
 Operator : JU
 Sample : L1084-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AF-2

Quant Time: Jan 11 03:40:38 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	75360	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	269809	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	169146	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	263570	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	160078	20.00	ng	-0.01
87) Perylene-d12	15.52	264	144936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	523762	114.73	ng	0.01
7) Phenol-d6	6.47	99	603379	110.55	ng	0.00
23) Nitrobenzene-d5	7.40	82	507398	98.79	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	282071	141.33	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1072885	90.97	ng	-0.01
79) Terphenyl-d14	12.96	244	1251049	123.85	ng	0.00

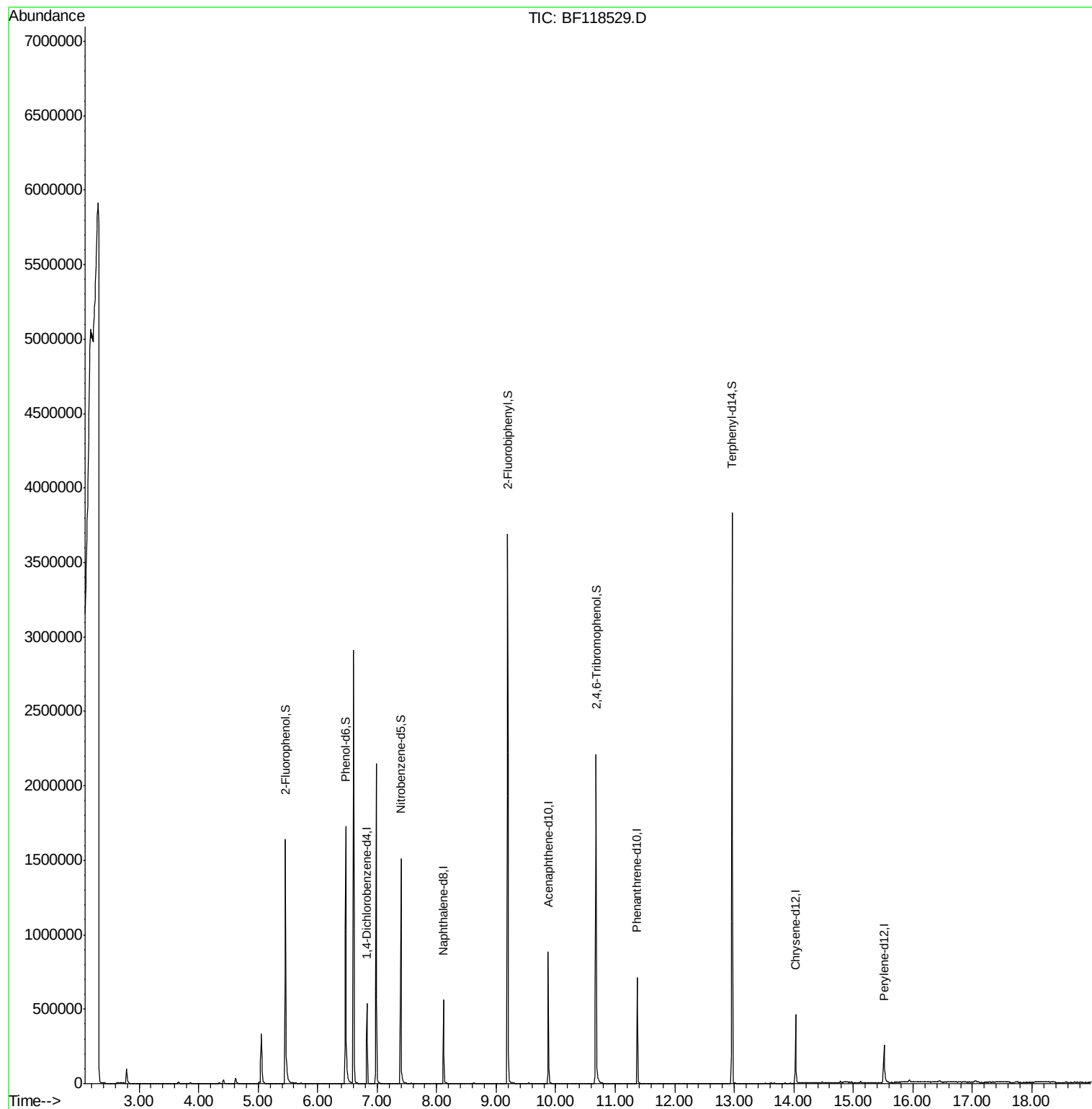
Target Compounds Qvalue

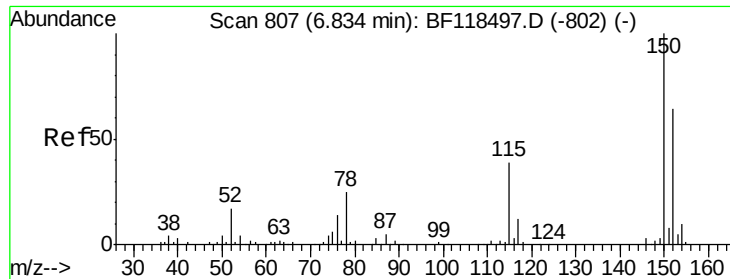
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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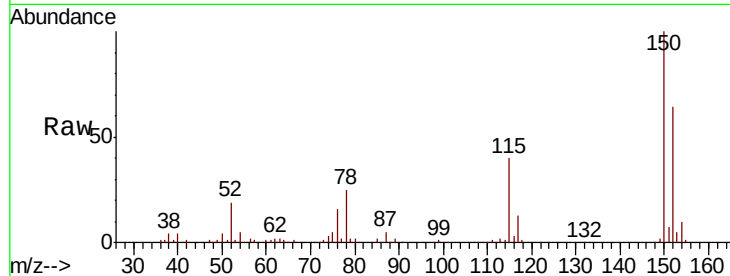


#1

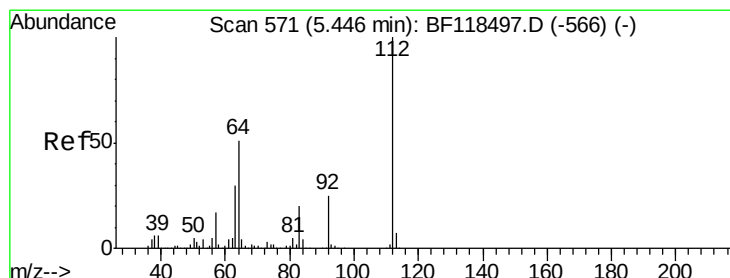
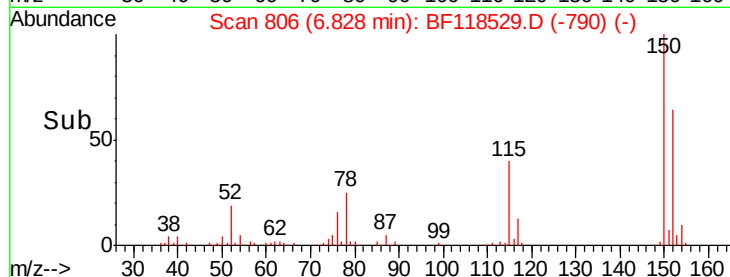
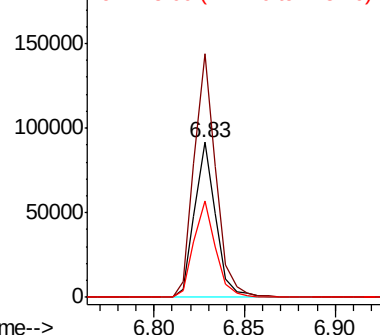
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118529.D
Acq: 10 Jan 2020 21:59

Instrument :
BNA_F
ClientSampleId :
AF-2

Tot Ion:152 Resp: 75360
Ion Ratio Lower Upper
152 100
150 156.9 124.7 187.1
115 62.1 49.0 73.6



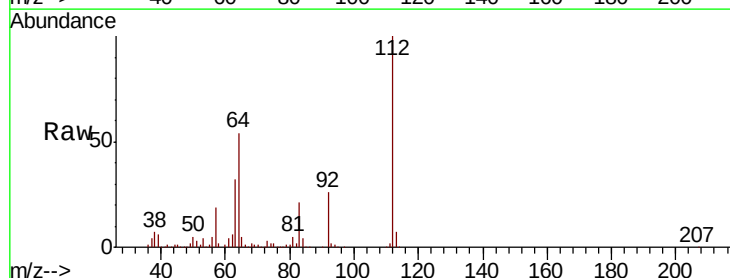
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



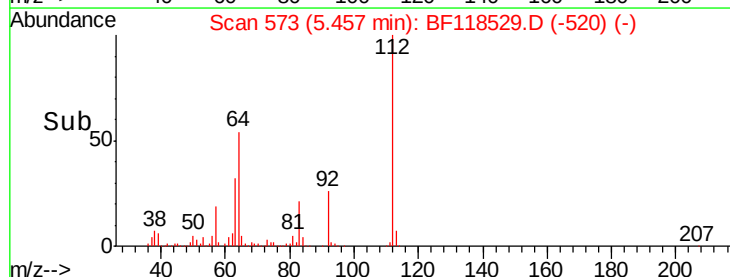
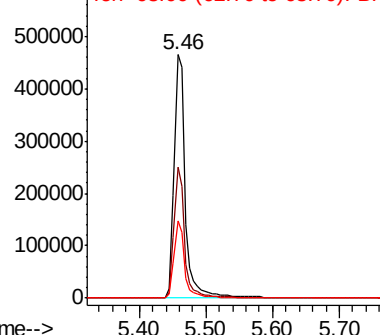
#5

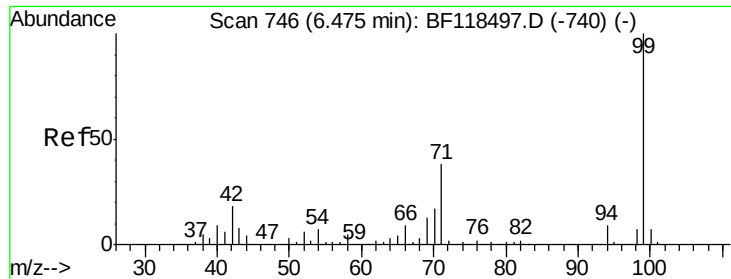
2-Fluorophenol
Concen: 114.729 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF118529.D
Acq: 10 Jan 2020 21:59

Tgt Ion:112 Resp: 523762
Ion Ratio Lower Upper
112 100
64 53.7 41.1 61.7
63 31.6 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: 110.550 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118529.D

Acq: 10 Jan 2020 21:59

Instrument :

BNA_F

ClientSampleId :

AF-2

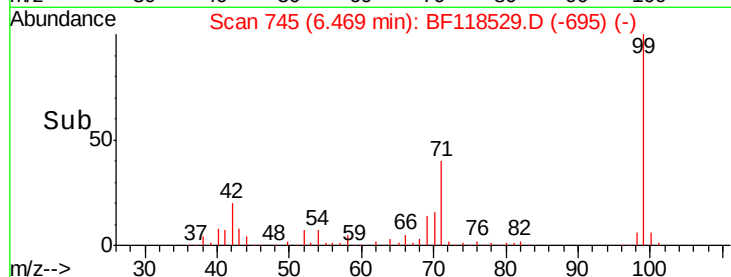
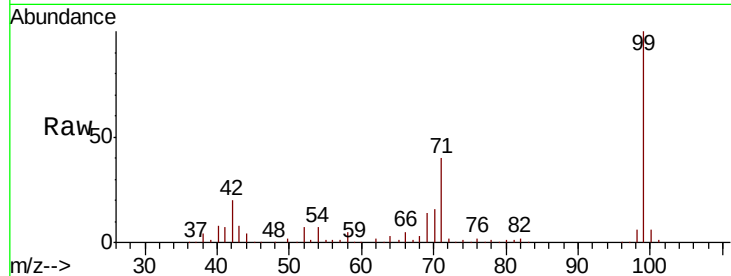
Tot Ion: 99 Resp: 603379

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

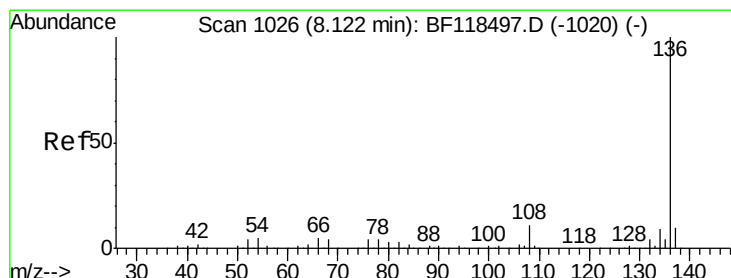
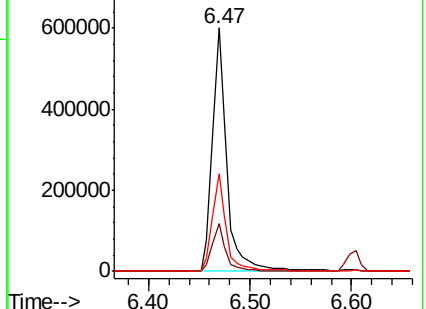
71 40.2 30.6 45.8



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: BF118529.D

Acq: 10 Jan 2020 21:59

Tgt Ion: 136 Resp: 269809

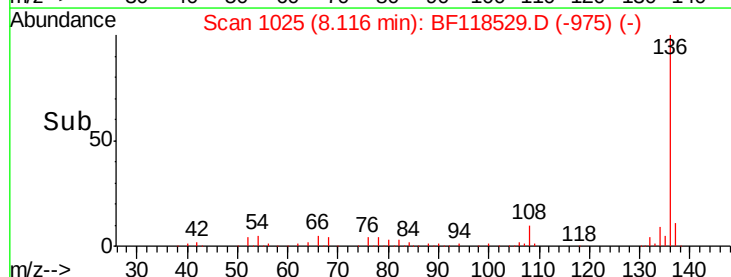
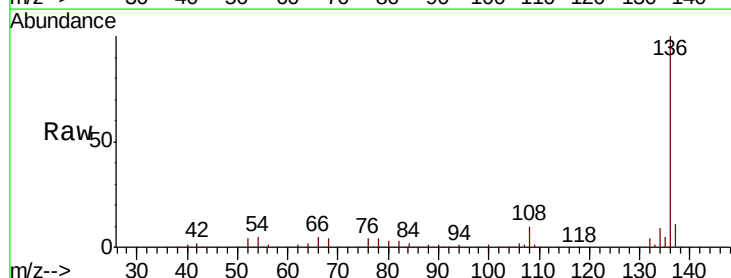
Ion Ratio Lower Upper

136 100

137 11.0 8.3 12.5

54 5.4 4.2 6.2

68 3.8 3.3 4.9

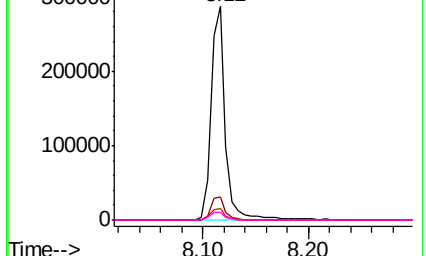


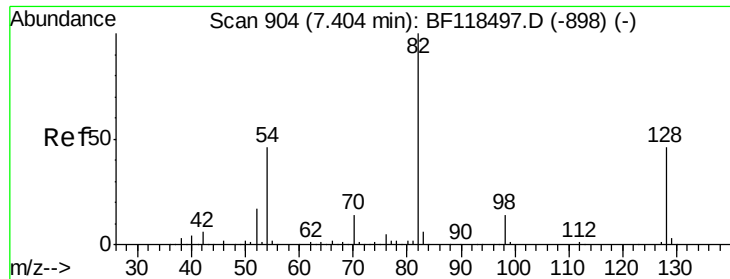
Abundance Ion 136.00 (135.70 to 136.70): E

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

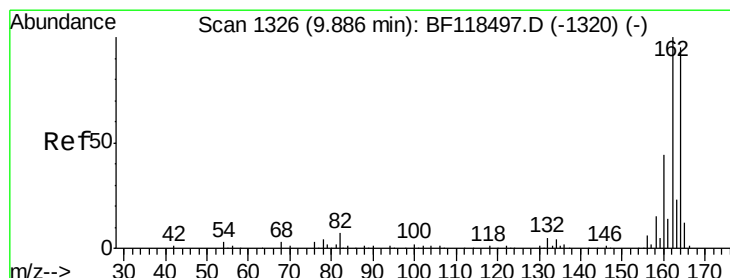
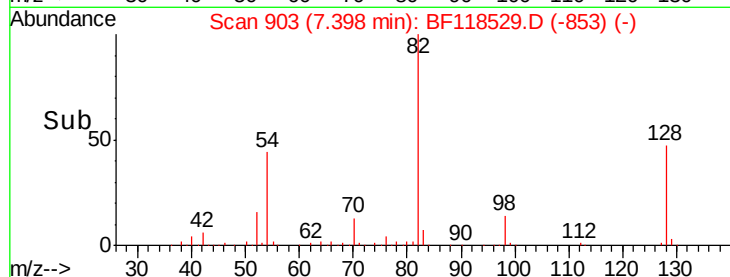
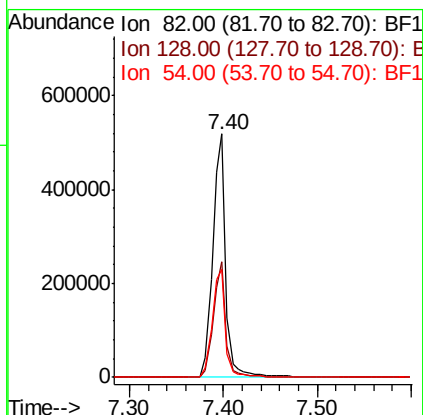
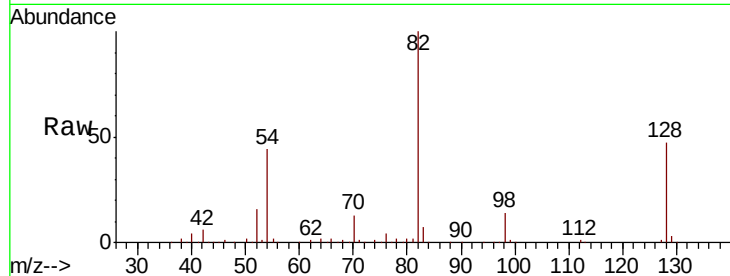




#23
 Nitrobenzene-d5
 Concen: 98.790 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF118529.D
 Acq: 10 Jan 2020 21:59

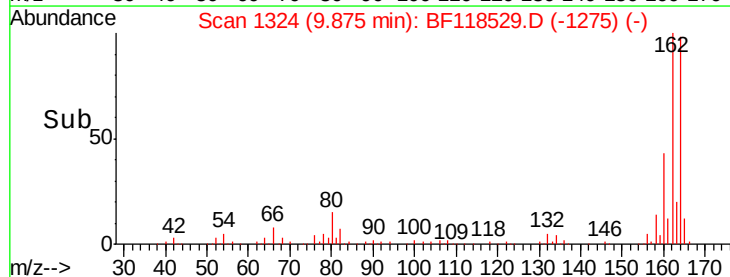
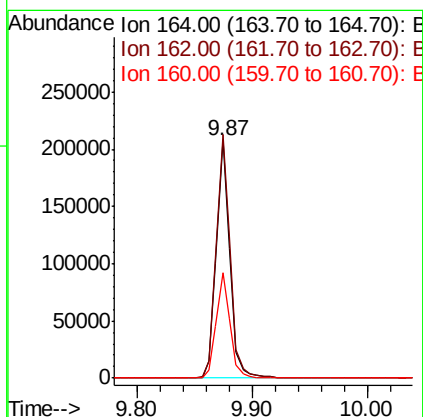
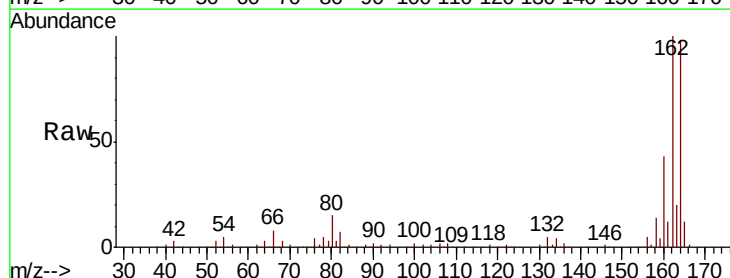
Instrument :
 BNA_F
 ClientSampleId :
 AF-2

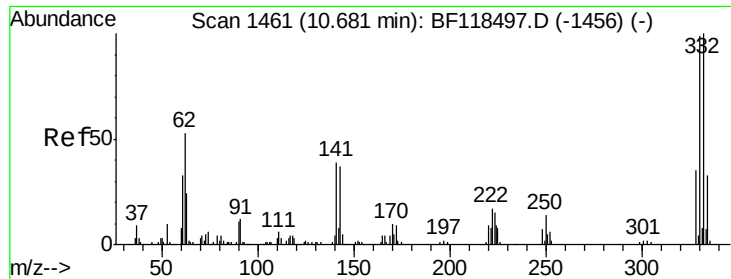
Tot Ion: 82 Resp: 507398
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.6 54.8
 54 44.3 37.0 55.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF118529.D
 Acq: 10 Jan 2020 21:59

Tgt Ion: 164 Resp: 169146
 Ion Ratio Lower Upper
 164 100
 162 102.3 84.2 126.4
 160 44.2 36.8 55.2

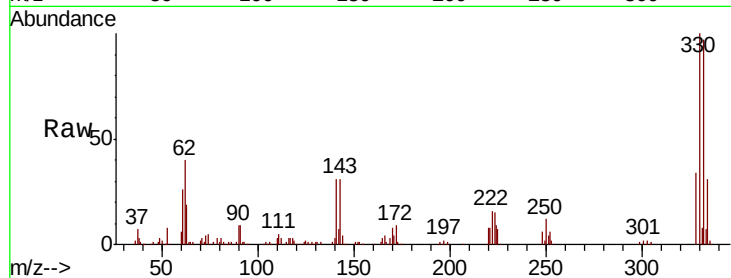




#42
 2,4,6-Tribromophenol
 Concen: 141.326 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF118529.D
 Acq: 10 Jan 2020 21:59

Instrument :
 BNA_F
 ClientSampleId :
 AF-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.9	116.9
141	34.2	28.6	43.0

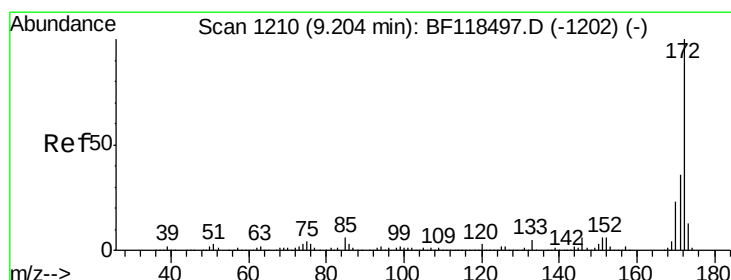
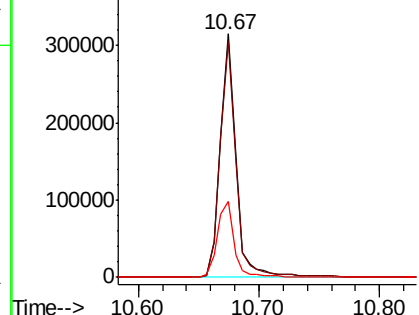
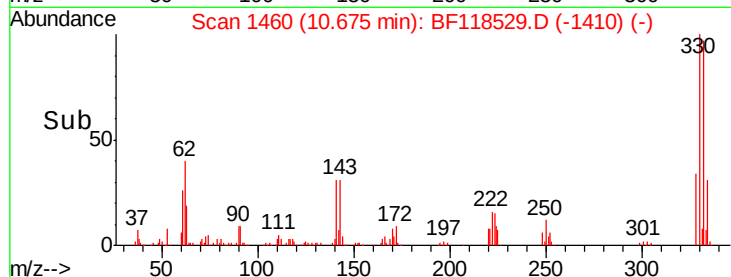


Abundance

Ion 329.80 (329.50 to 330.50): E

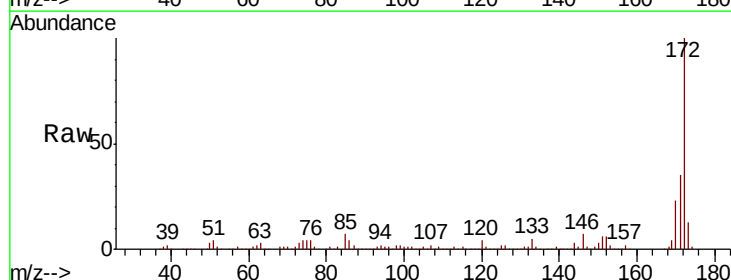
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.971 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118529.D
 Acq: 10 Jan 2020 21:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.4	18.6	27.8

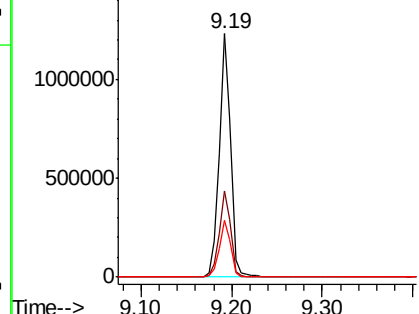
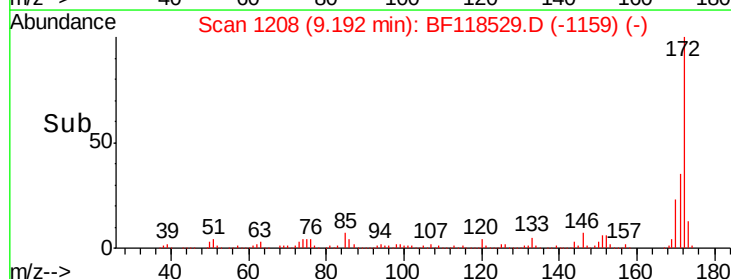


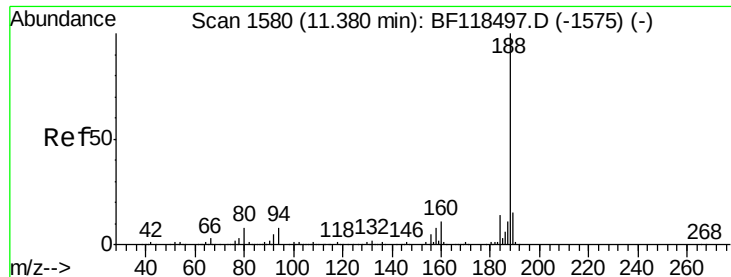
Abundance

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: BF118529.D

Acq: 10 Jan 2020 21:59

Instrument :

BNA_F

ClientSampleId :

AF-2

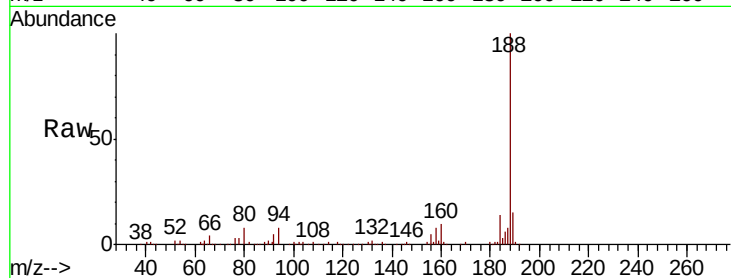
Tot Ion:188 Resp: 263570

Ion Ratio Lower Upper

188 100

94 8.2 6.2 9.4

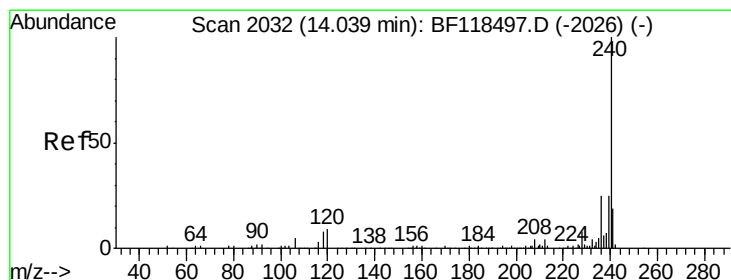
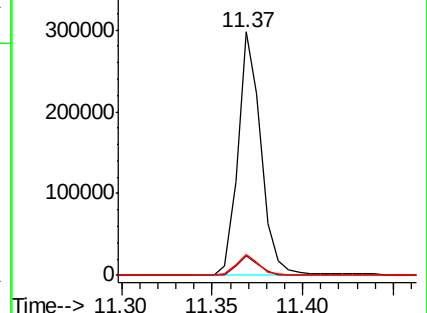
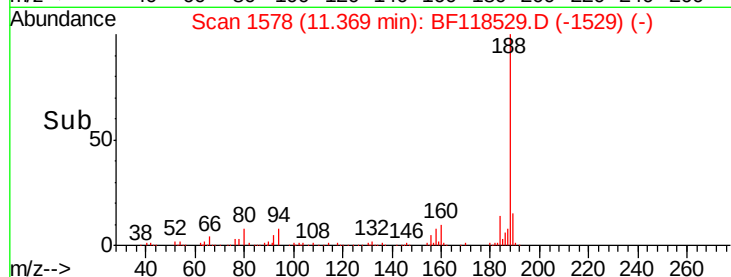
80 8.4 6.6 10.0



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: BF118529.D

Acq: 10 Jan 2020 21:59

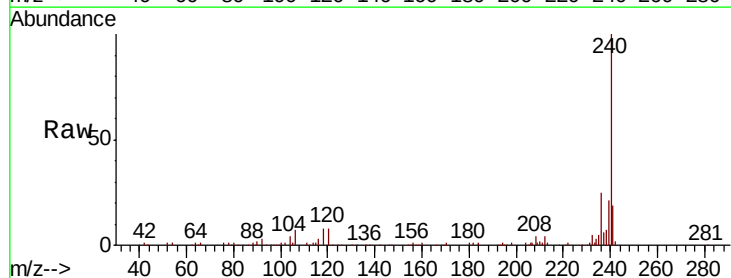
Tgt Ion:240 Resp: 160078

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

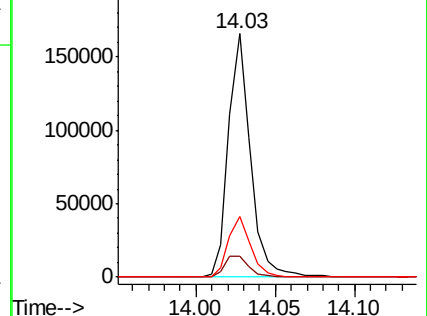
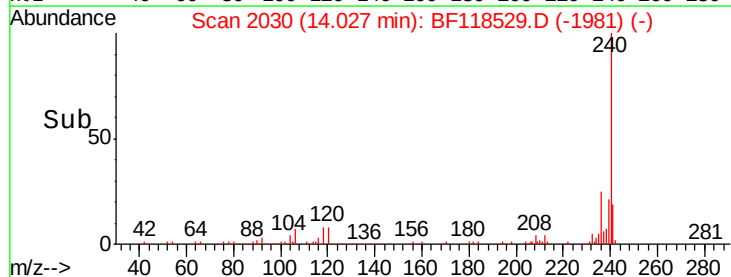
236 25.0 20.1 30.1

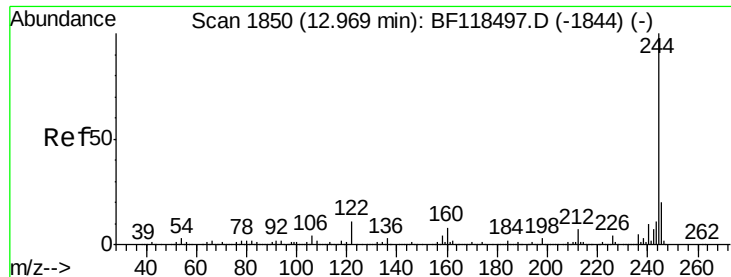


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



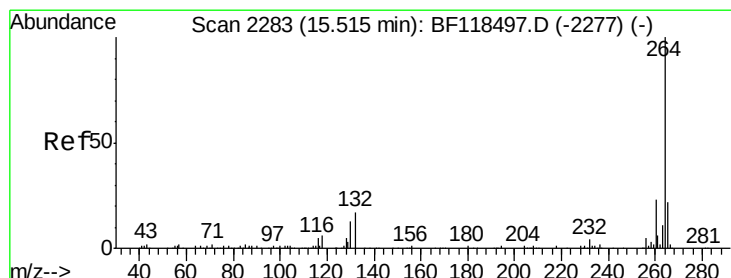
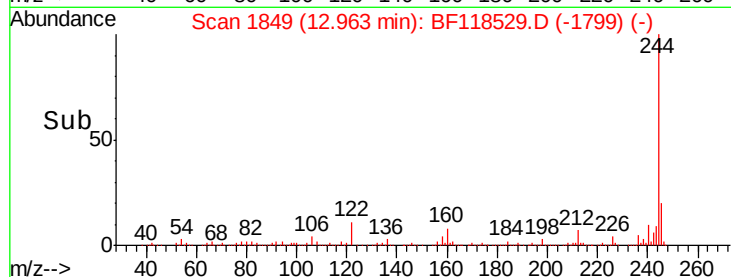
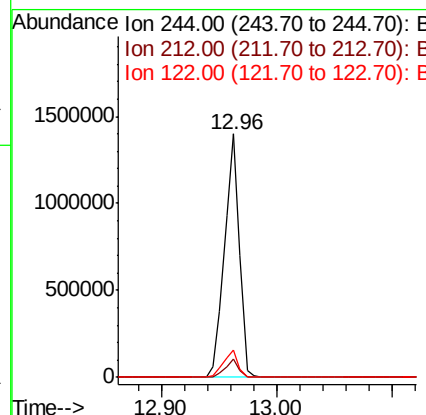
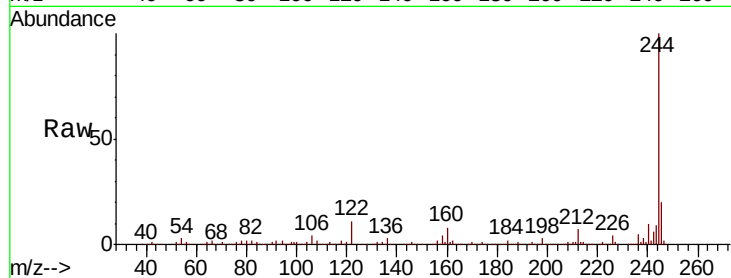


#79
 Terphenyl-d14
 Concen: 123.847 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF118529.D
 Acq: 10 Jan 2020 21:59

Instrument :
 BNA_F
 ClientSampleId :
 AF-2

Tot Ion:244 Resp: 1251049

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.4	9.0	13.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BF118529.D
 Acq: 10 Jan 2020 21:59

Tgt Ion:264 Resp: 144936

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.8	28.2
265	21.2	17.5	26.3

