

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
 Data File : BF118530.D
 Acq On : 10 Jan 2020 22:27
 Operator : JU
 Sample : L1084-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AF-3

Quant Time: Jan 11 03:41:57 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	72740	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	266511	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	131745	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	288203	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	116890	20.00	ng	-0.01
87) Perylene-d12	15.52	264	160615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	544533	123.58	ng	0.01
7) Phenol-d6	6.47	99	612515	116.27	ng	0.00
23) Nitrobenzene-d5	7.40	82	496144	97.79	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	255676	164.47	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1000632	108.93	ng	-0.01
79) Terphenyl-d14	12.96	244	955345	129.52	ng	0.00

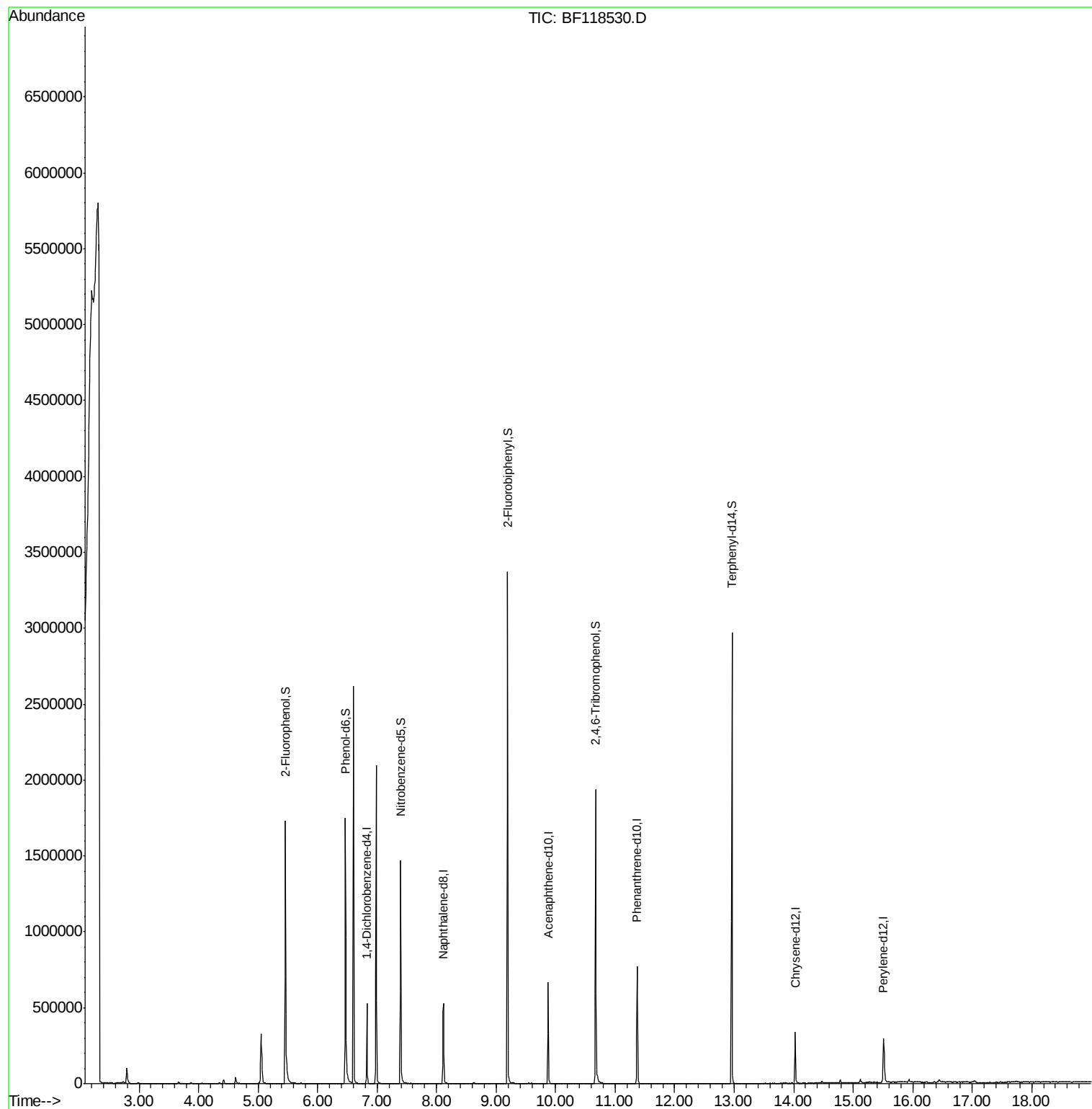
Target Compounds Qvalue

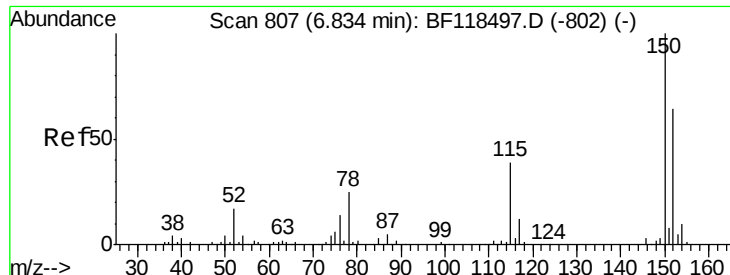
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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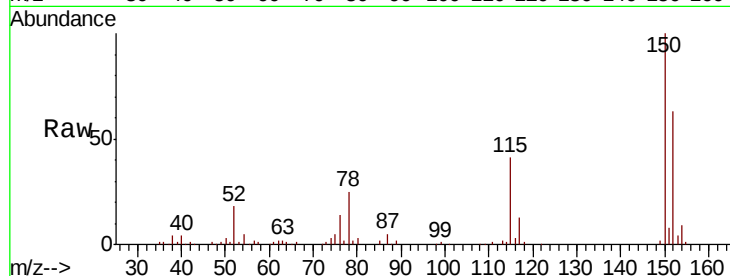


#1

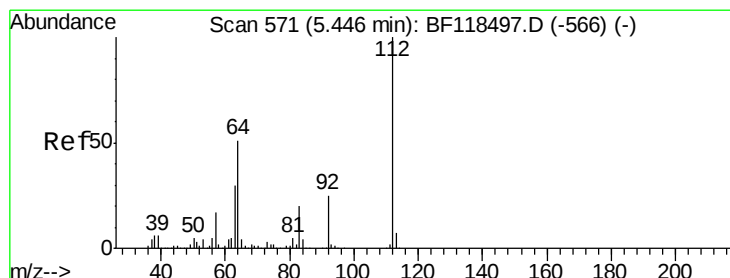
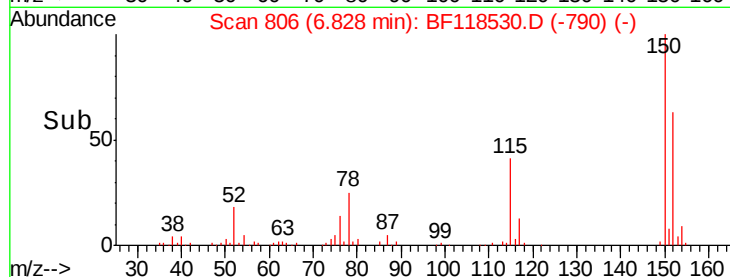
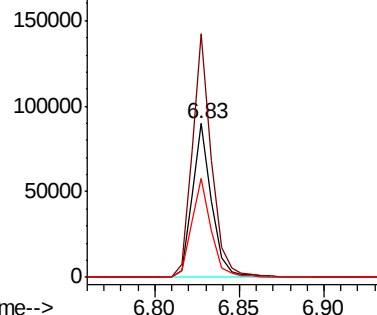
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118530.D
Acq: 10 Jan 2020 22:27

Instrument :
BNA_F
ClientSampleId :
AF-3

Tot Ion:152 Resp: 72740
Ion Ratio Lower Upper
152 100
150 158.5 124.7 187.1
115 64.7 49.0 73.6



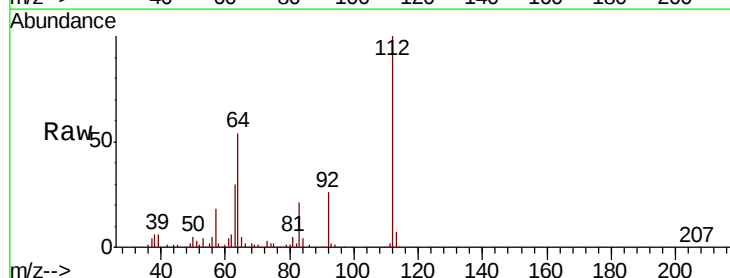
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



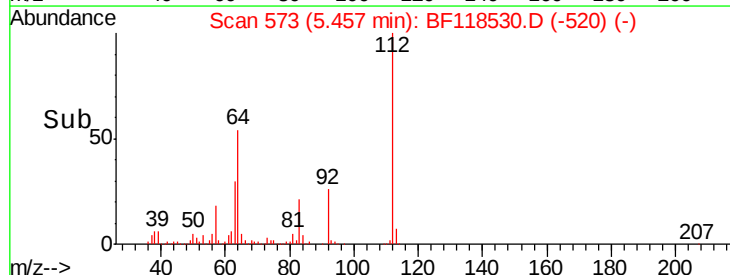
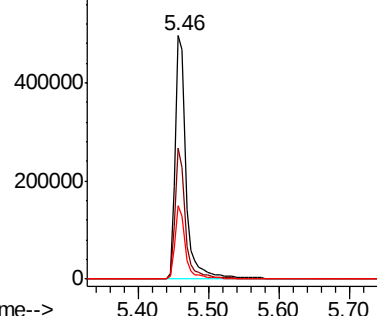
#5

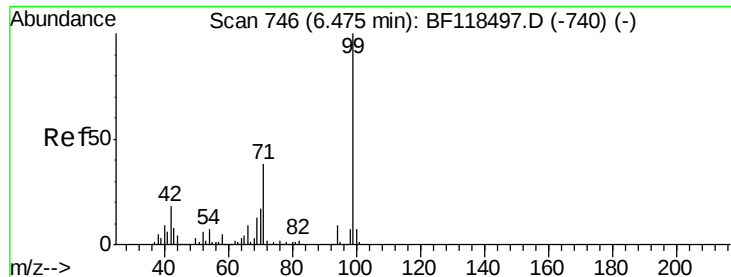
2-Fluorophenol
Concen: 123.575 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF118530.D
Acq: 10 Jan 2020 22:27

Tgt Ion:112 Resp: 544533
Ion Ratio Lower Upper
112 100
64 53.7 41.1 61.7
63 30.4 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: 116.266 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118530.D

Acq: 10 Jan 2020 22:27

Instrument :

BNA_F

ClientSampleId :

AF-3

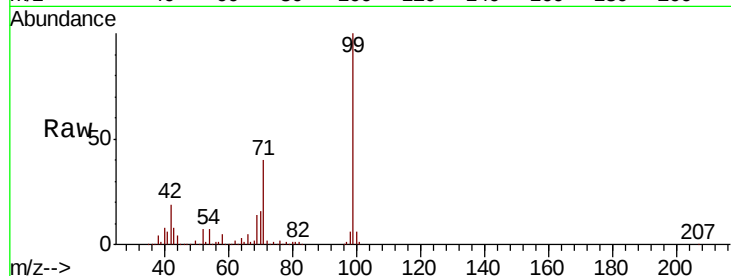
Tot Ion: 99 Resp: 612515

Ion Ratio Lower Upper

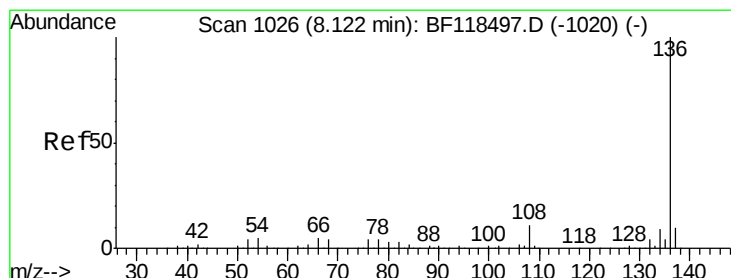
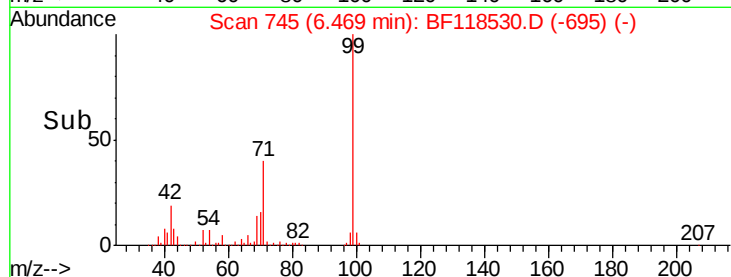
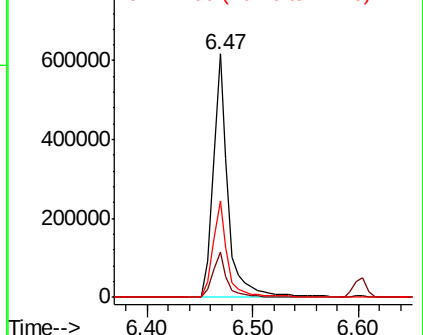
99 100

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: BF118530.D

Acq: 10 Jan 2020 22:27

Tgt Ion: 136 Resp: 266511

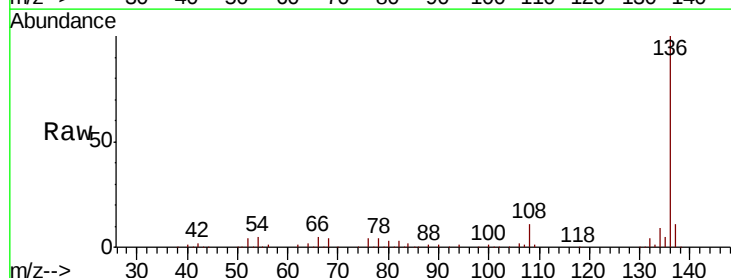
Ion Ratio Lower Upper

136 100

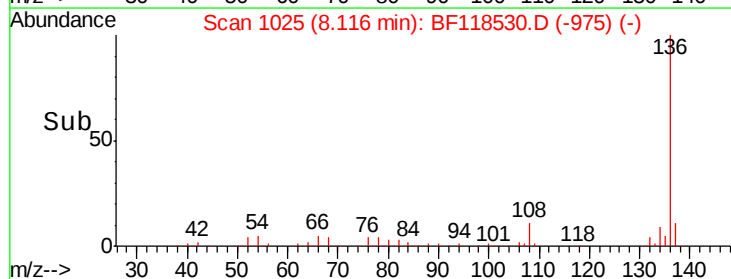
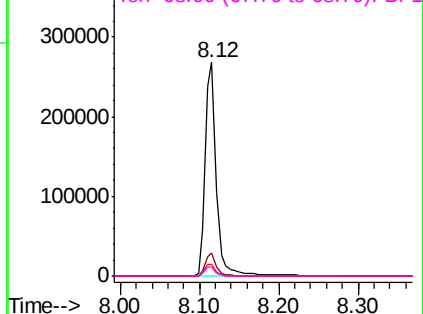
137 10.6 8.3 12.5

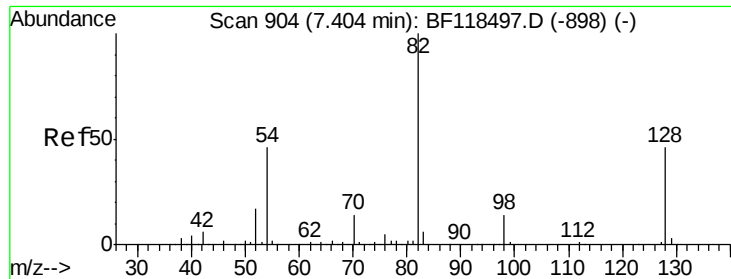
54 5.4 4.2 6.2

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

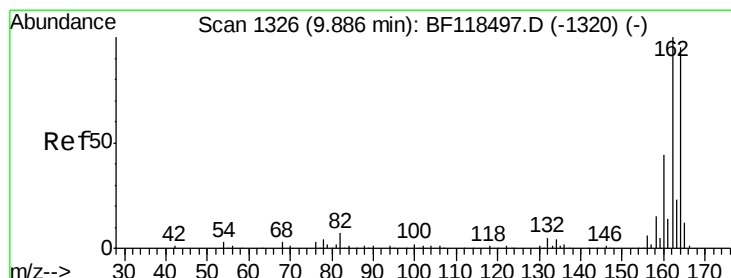
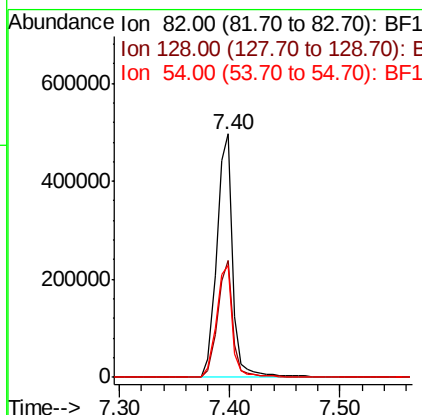
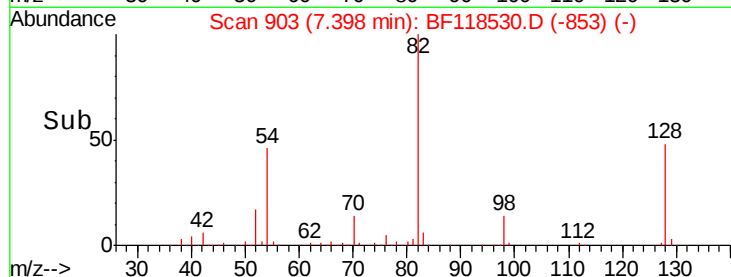
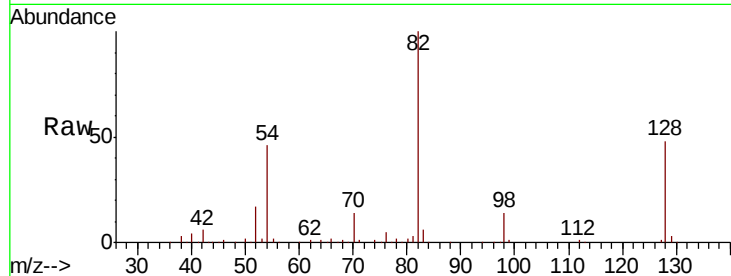




#23
Nitrobenzene-d5
Concen: 97.794 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118530.D
Acq: 10 Jan 2020 22:27

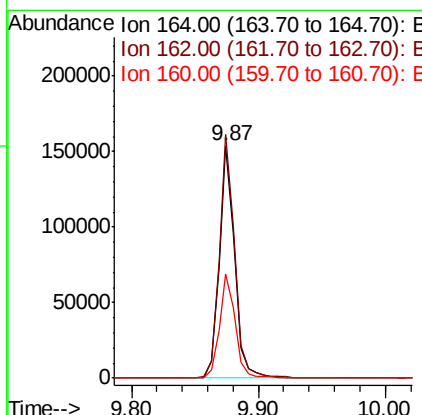
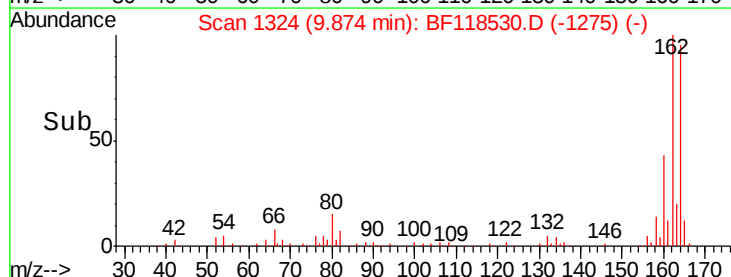
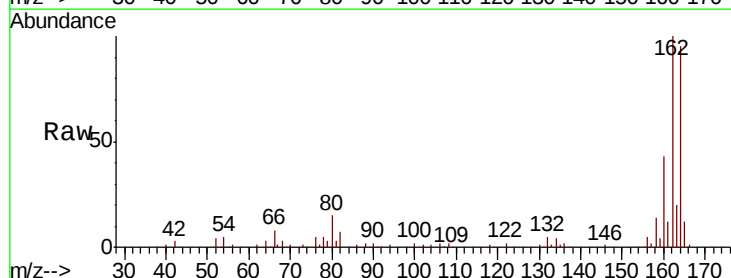
Instrument :
BNA_F
ClientSampleId :
AF-3

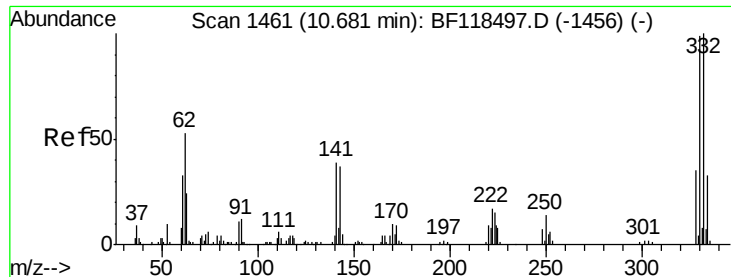
Tot Ion: 82 Resp: 496144
Ion Ratio Lower Upper
82 100
128 48.1 36.6 54.8
54 45.8 37.0 55.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF118530.D
Acq: 10 Jan 2020 22:27

Tgt Ion:164 Resp: 131745
Ion Ratio Lower Upper
164 100
162 104.8 84.2 126.4
160 44.9 36.8 55.2

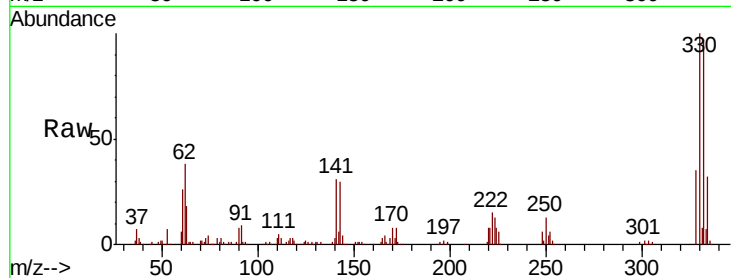




#42
 2,4,6-Tribromophenol
 Concen: 164.468 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF118530.D
 Acq: 10 Jan 2020 22:27

Instrument :
 BNA_F
 ClientSampleId :
 AF-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.9	116.9
141	35.2	28.6	43.0

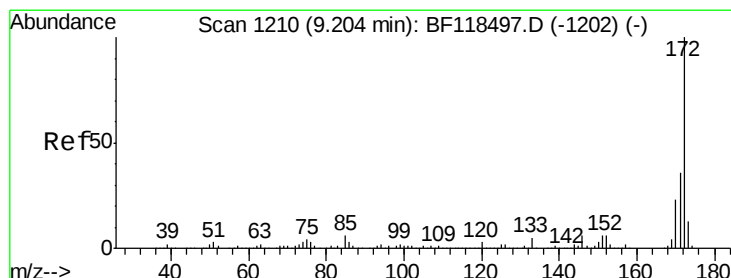
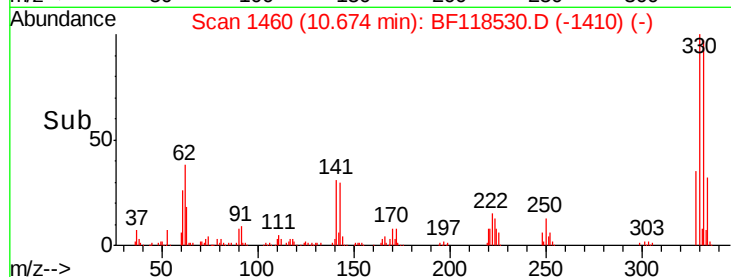
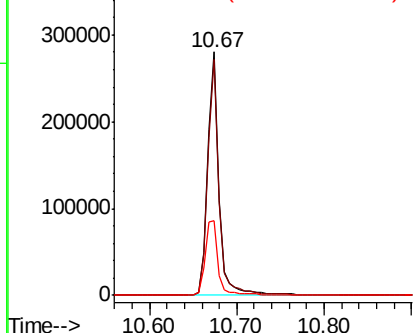


Abundance

Ion 329.80 (329.50 to 330.50): E

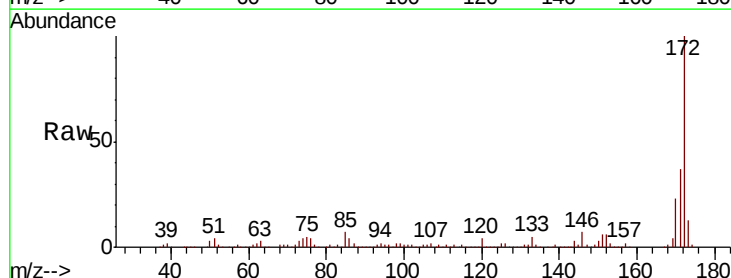
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 108.931 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118530.D
 Acq: 10 Jan 2020 22:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	23.4	18.6	27.8

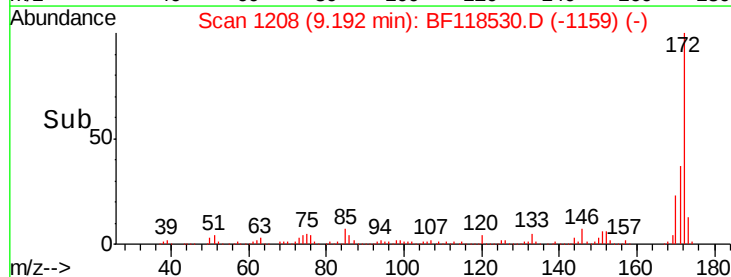
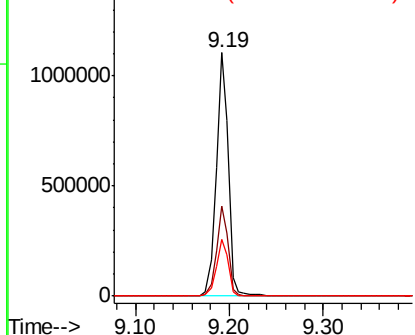


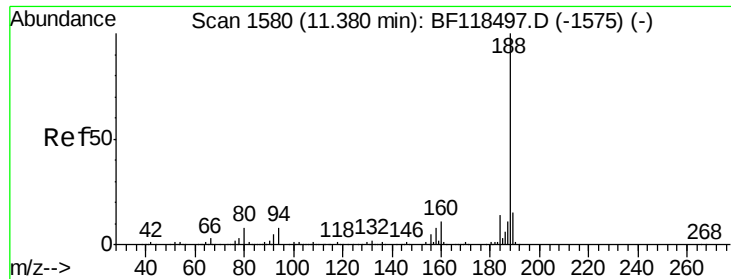
Abundance

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

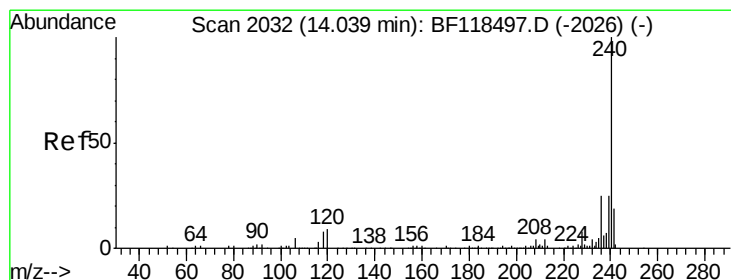
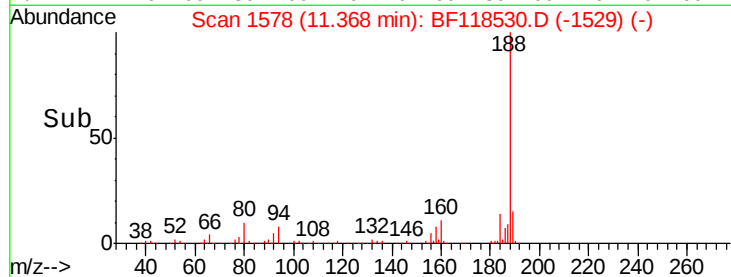
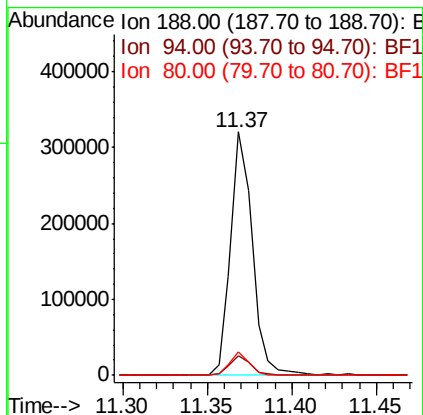
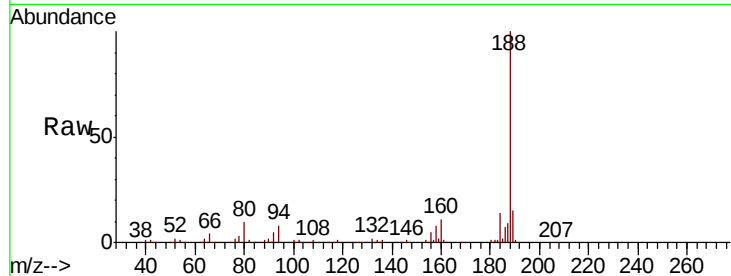




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118530.D
Acq: 10 Jan 2020 22:27

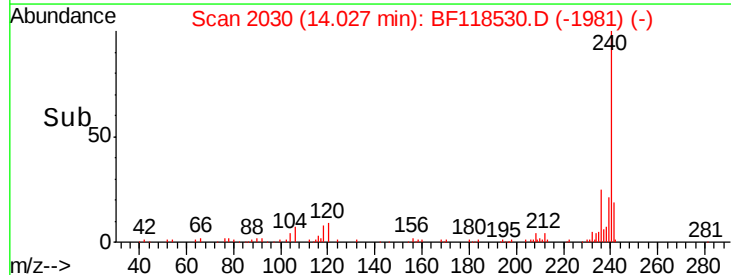
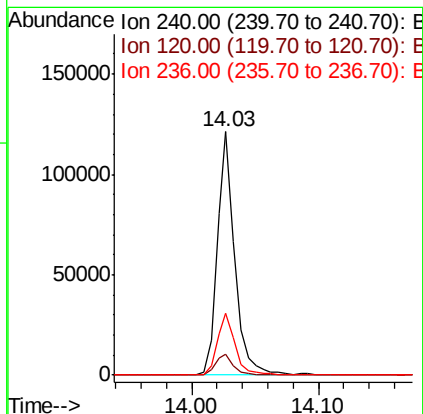
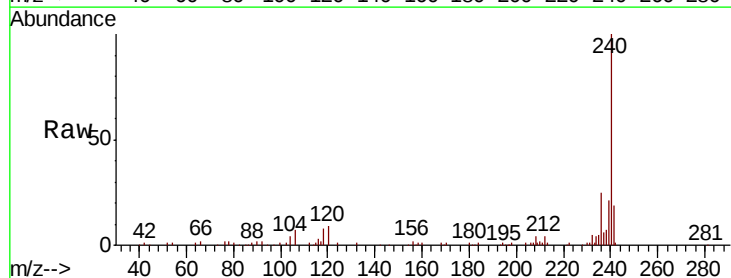
Instrument :
BNA_F
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AF-3

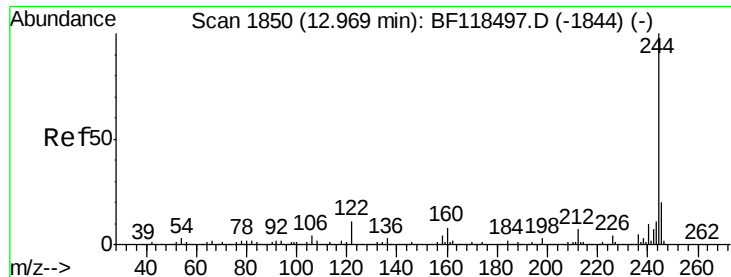
Tot Ion:188 Resp: 288203
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.4
80 9.6 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118530.D
Acq: 10 Jan 2020 22:27

Tgt Ion:240 Resp: 116890
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.4 20.1 30.1





#79

Terphenyl-d14

Concen: 129.517 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF118530.D

Acq: 10 Jan 2020 22:27

Instrument :

BNA_F

ClientSampleId :

AF-3

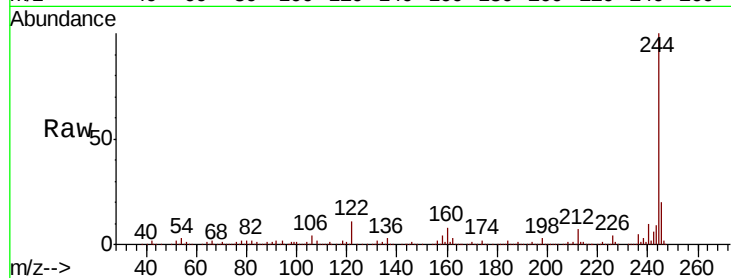
Tot Ion:244 Resp: 955345

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

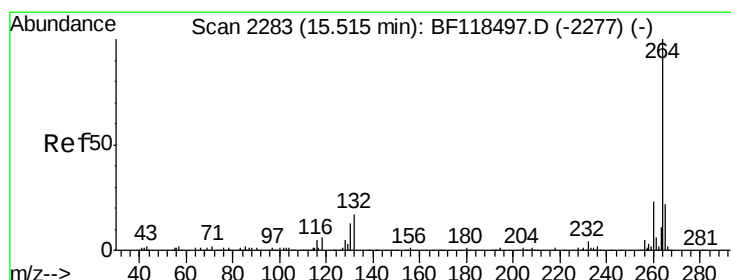
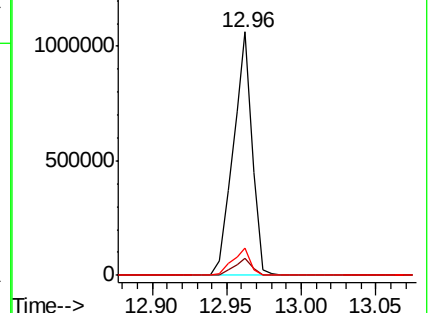
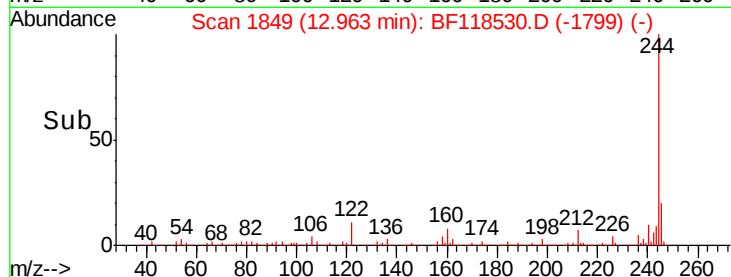
122 11.1 9.0 13.6



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: BF118530.D

Acq: 10 Jan 2020 22:27

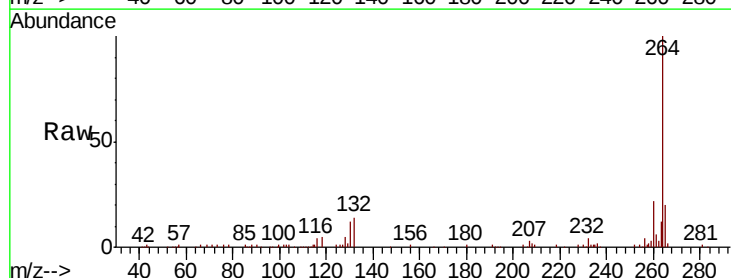
Tgt Ion:264 Resp: 160615

Ion Ratio Lower Upper

264 100

260 22.3 18.8 28.2

265 20.4 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

