

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118533.D
 Acq On : 13 Jan 2020 16:23
 Operator : JU
 Sample : L1068-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-2

Quant Time: Jan 14 11:13:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 11:02:16 2020
 Response via : Initial Calibration

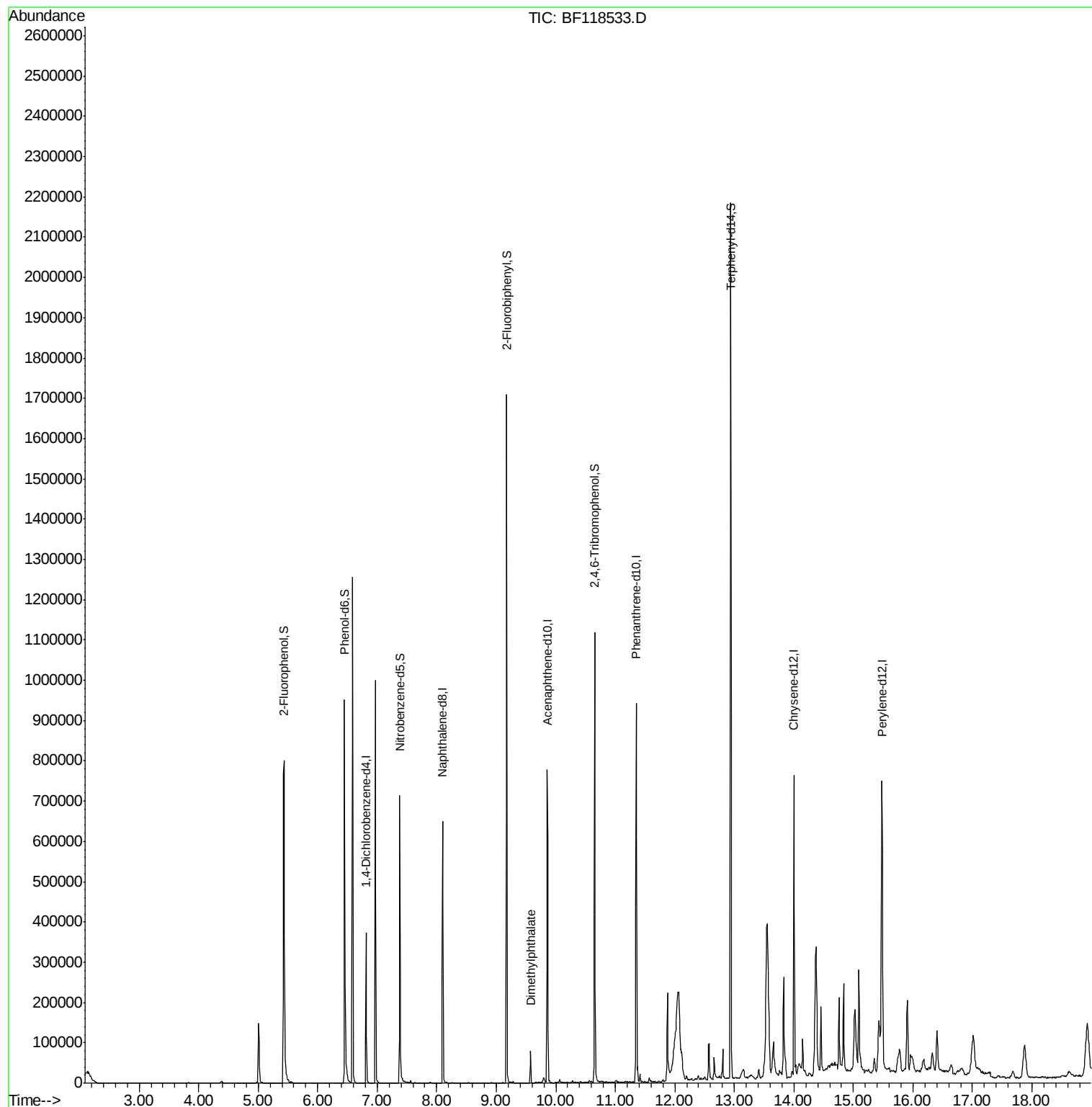
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	60911	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	281389	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	148035	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	319940	20.00	ng	0.00
76) Chrysene-d12	14.00	240	213550	20.00	ng	-0.01
87) Perylene-d12	15.48	264	253459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	276657	74.98	ng	0.00
7) Phenol-d6	6.45	99	325829	73.86	ng	-0.01
23) Nitrobenzene-d5	7.38	82	218828	40.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	141202	80.84	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	450461	43.64	ng	-0.01
79) Terphenyl-d14	12.94	244	639054	47.42	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	29210	2.571	ng	Qvalue 99

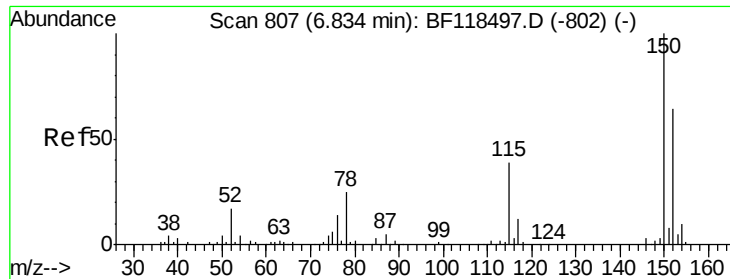
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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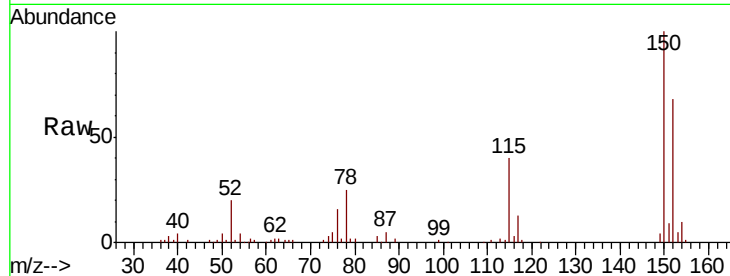


#1

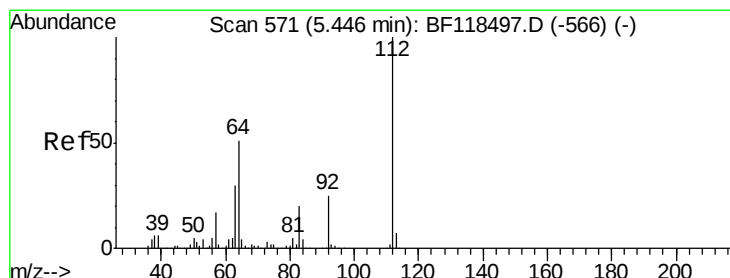
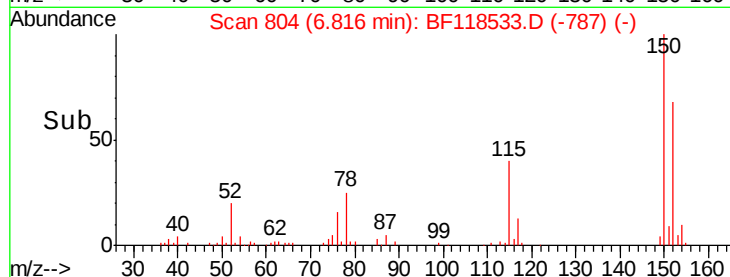
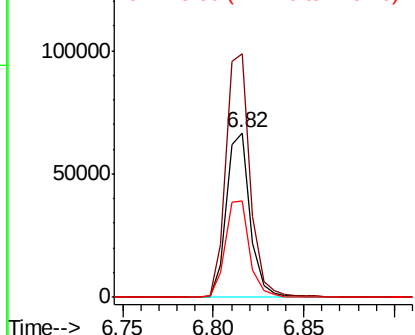
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF118533.D
 Acq: 13 Jan 2020 16:23

Instrument :
 BNA_F
 ClientSampled :
 NB-2

Tot Ion:152 Resp: 60911
 Ion Ratio Lower Upper
 152 100
 150 147.9 125.4 188.0
 115 58.9 53.2 79.8



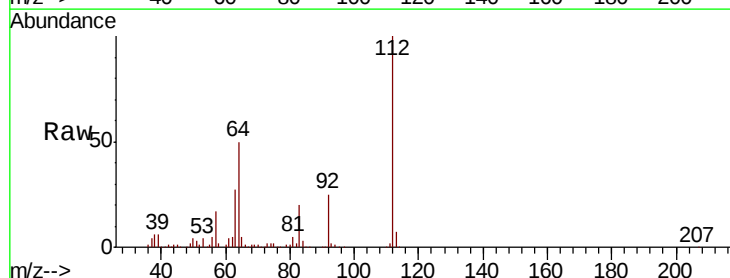
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



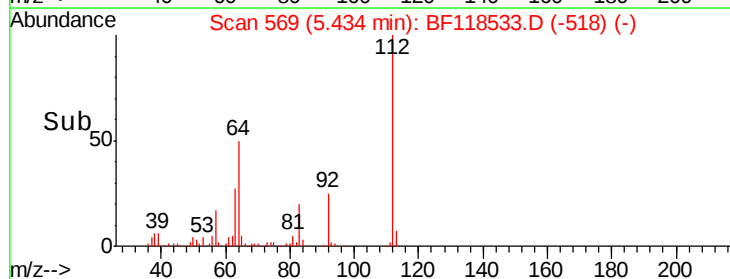
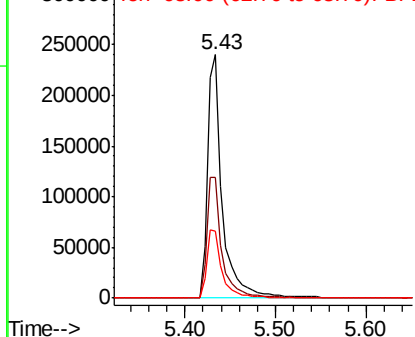
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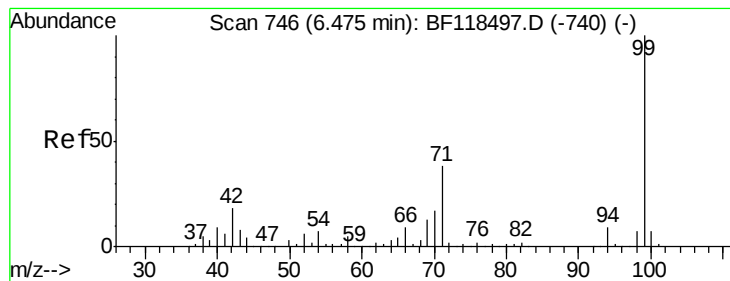
2-Fluorophenol
 Concen: 74.977 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF118533.D
 Acq: 13 Jan 2020 16:23

Tgt Ion:112 Resp: 276657
 Ion Ratio Lower Upper
 112 100
 64 49.6 43.4 65.0
 63 27.4 25.5 38.3



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: 73.859 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF118533.D

Acq: 13 Jan 2020 16:23

Instrument :

BNA_F

ClientSampleId :

NB-2

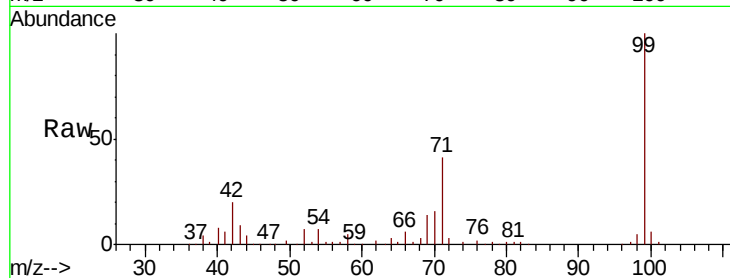
Tot Ion: 99 Resp: 325829

Ion Ratio Lower Upper

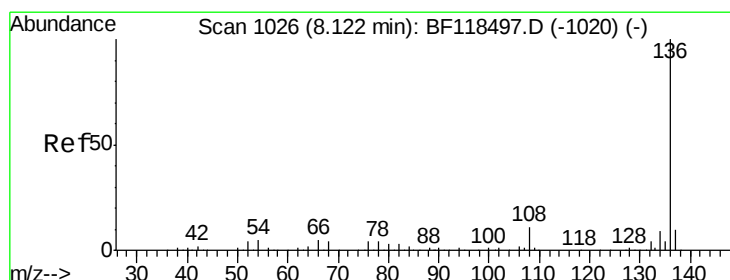
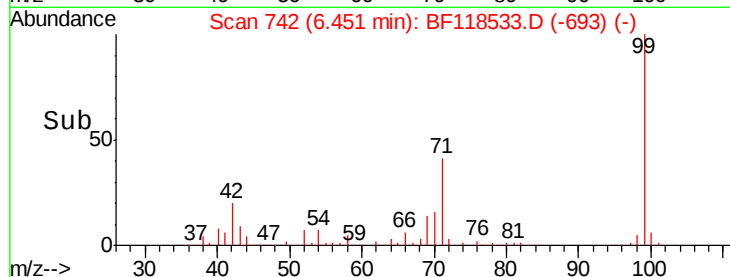
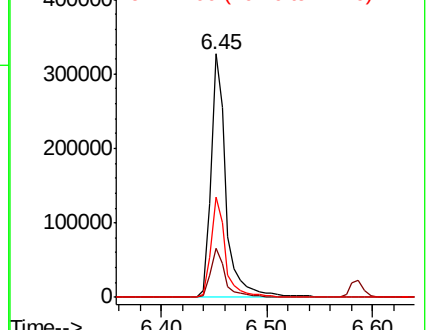
99 100

42 20.4 15.0 22.4

71 41.3 31.4 47.0



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118533.D

Acq: 13 Jan 2020 16:23

Tgt Ion: 136 Resp: 281389

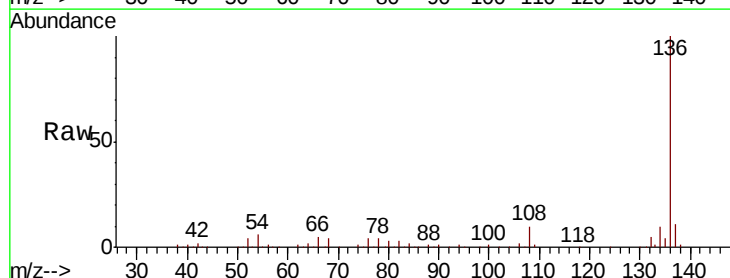
Ion Ratio Lower Upper

136 100

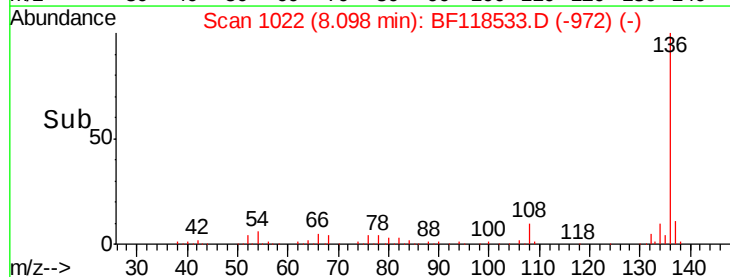
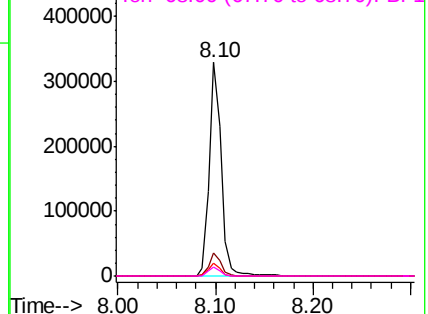
137 10.5 8.5 12.7

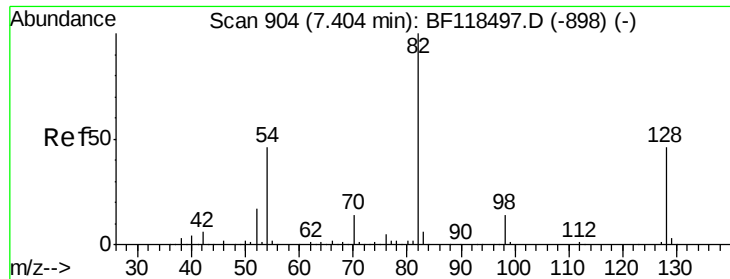
54 5.8 4.8 7.2

68 4.4 3.7 5.5



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

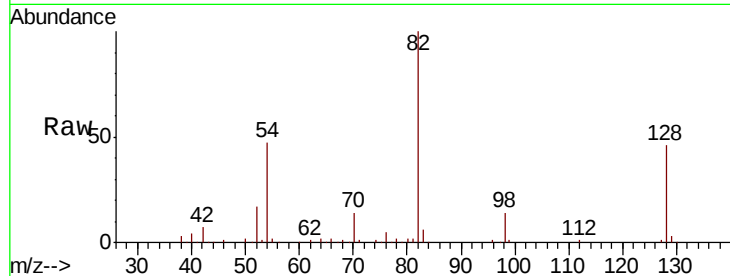




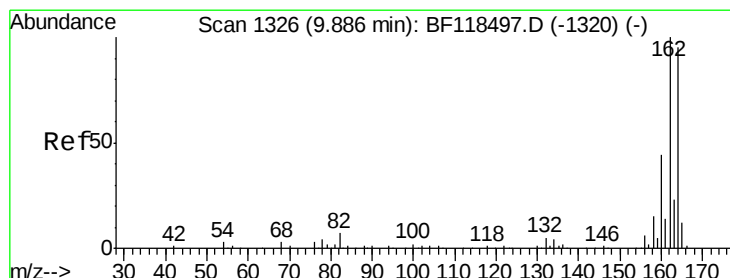
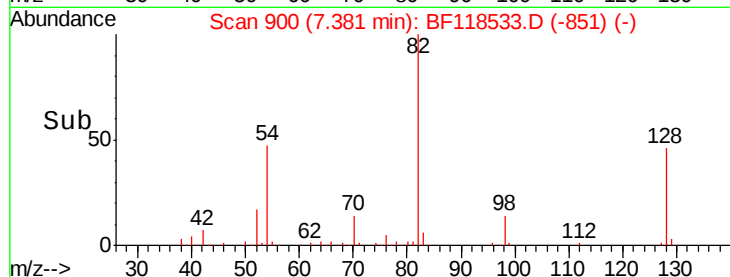
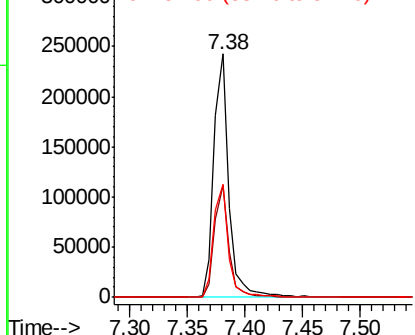
#23
 Nitrobenzene-d5
 Concen: 40.852 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF118533.D
 Acq: 13 Jan 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 NB-2

Tot Ion: 82 Resp: 218828
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.6 54.8
 54 46.5 38.2 57.2

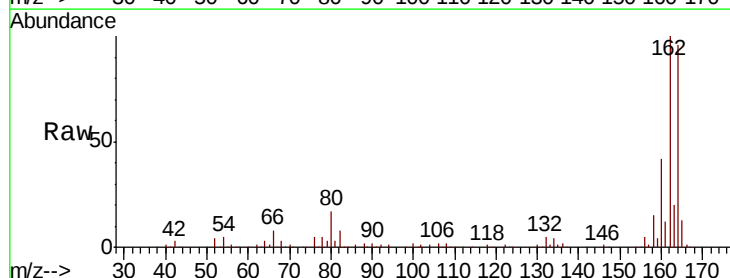


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

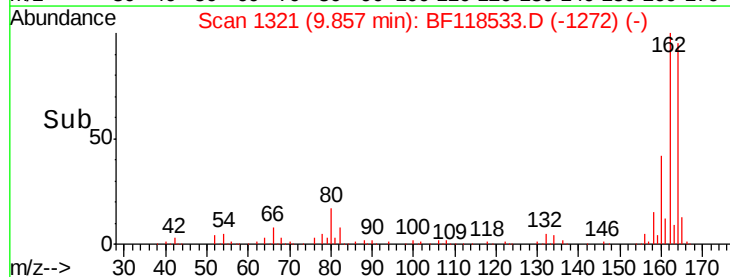
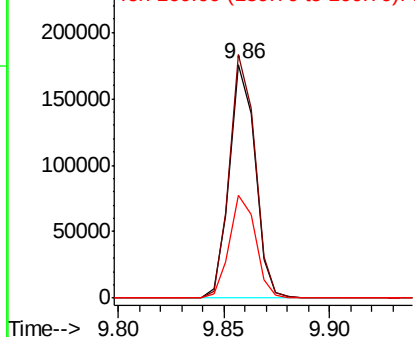


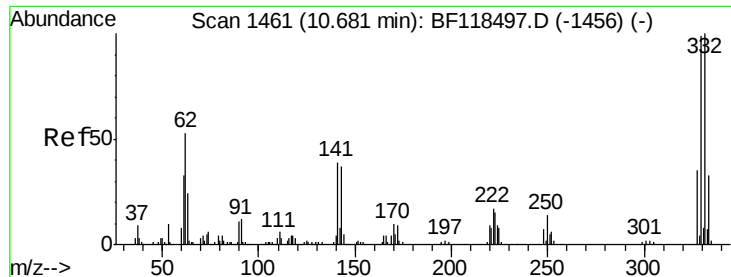
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF118533.D
 Acq: 13 Jan 2020 16:23

Tgt Ion: 164 Resp: 148035
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.3 123.5
 160 44.2 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

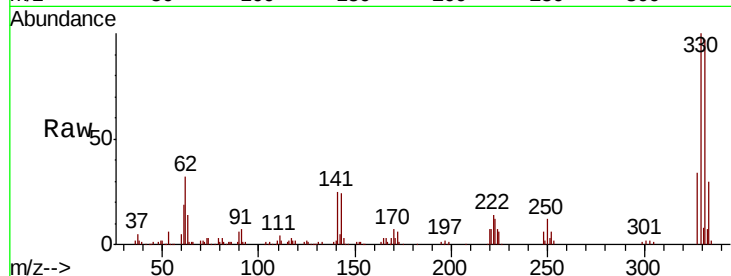




#42
 2,4,6-Tribromophenol
 Concen: 80.835 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF118533.D
 Acq: 13 Jan 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 NB-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.5	113.3
141	33.7	27.8	41.6

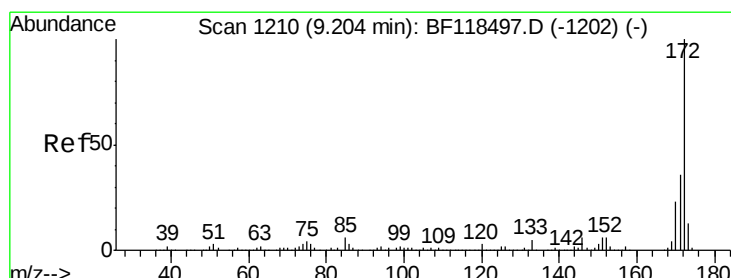
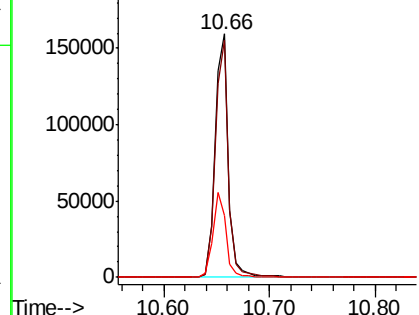
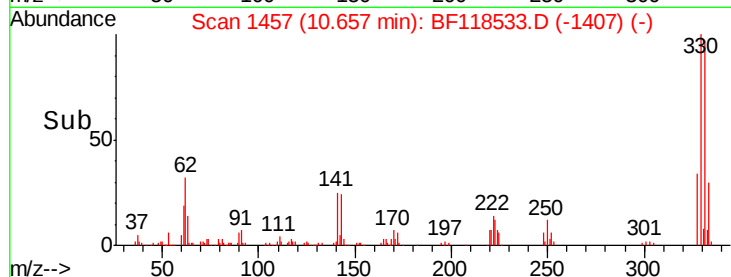


Abundance

Ion 329.80 (329.50 to 330.50): E

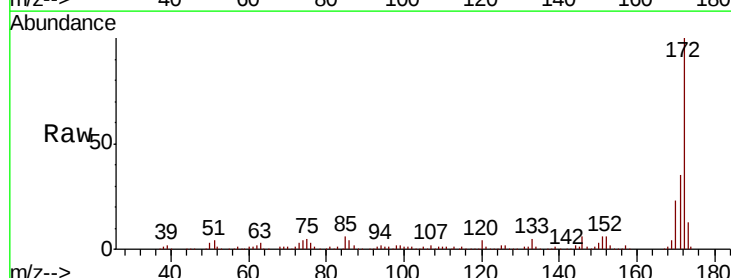
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 43.642 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF118533.D
 Acq: 13 Jan 2020 16:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.3	19.0	28.4

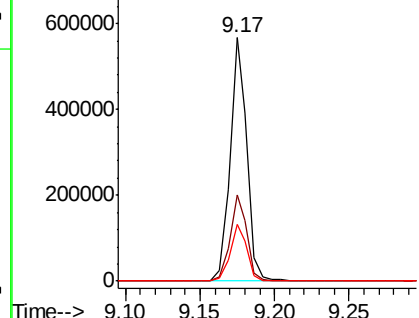
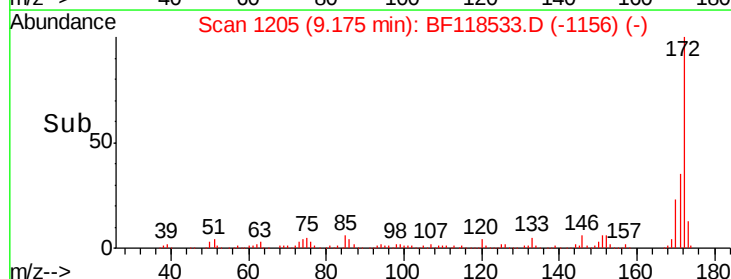


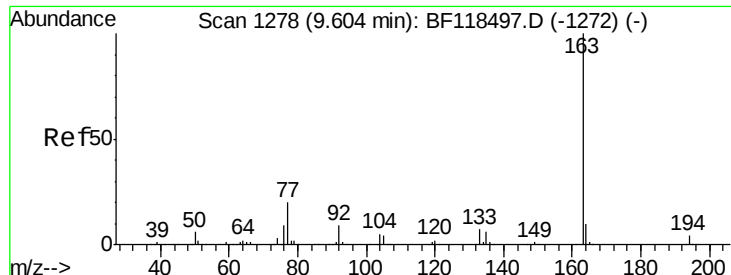
Abundance

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

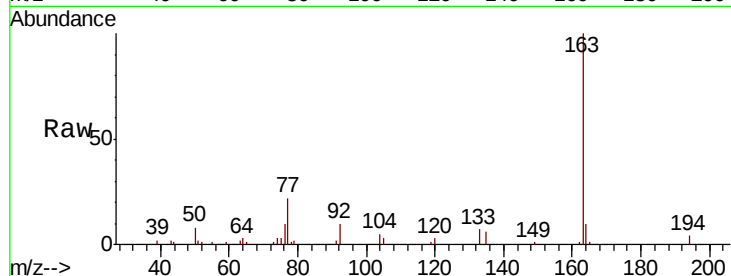




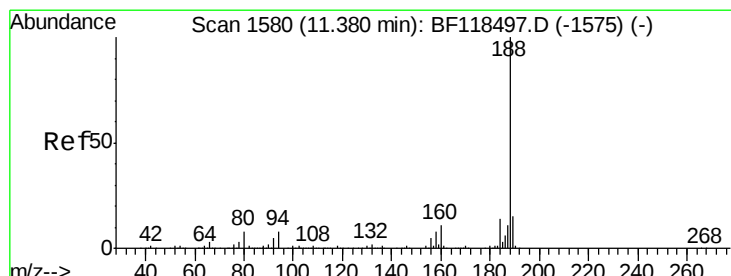
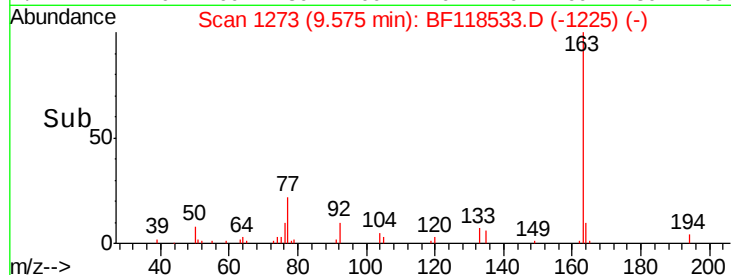
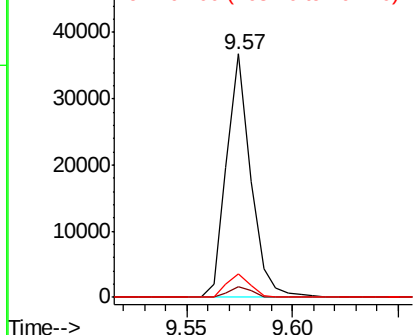
#50
Dimethylphthalate
Concen: 2.571 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Instrument :
BNA_F
ClientSampleId :
NB-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	9.7	8.0	12.0

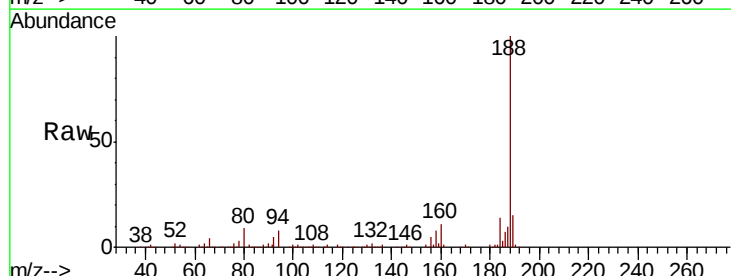


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

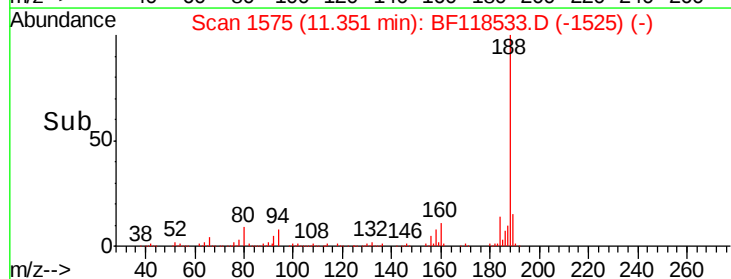
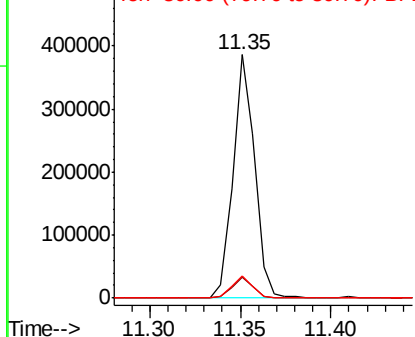


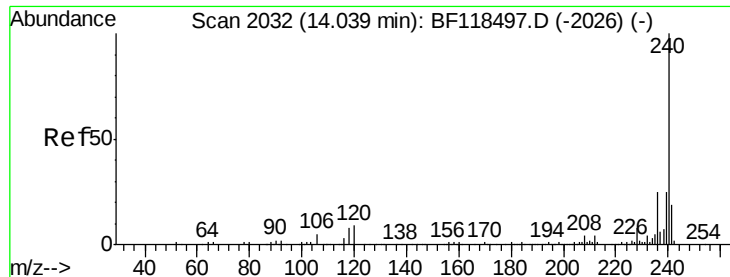
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.3	9.5
80	9.1	6.8	10.2



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

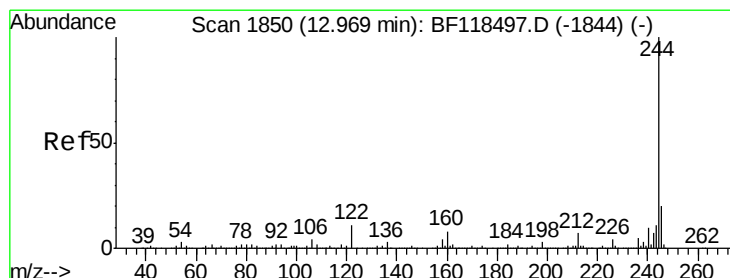
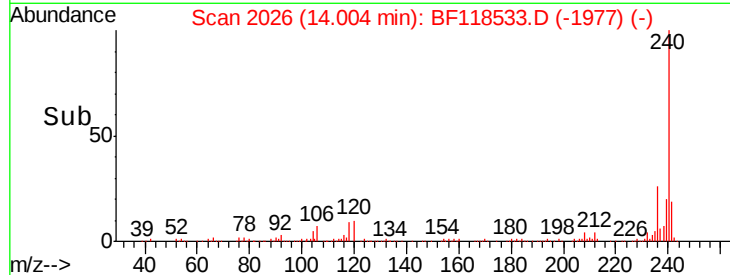
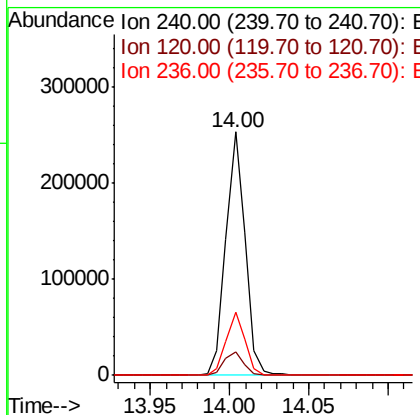
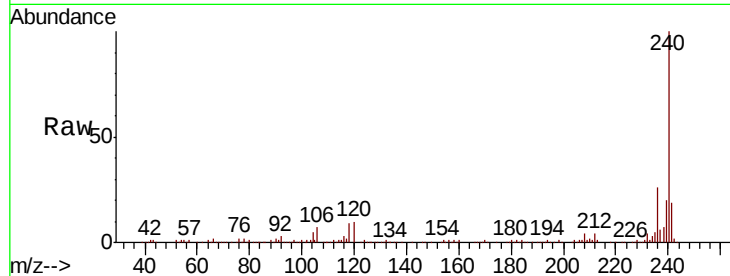




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF118533.D
 Acq: 13 Jan 2020 16:23

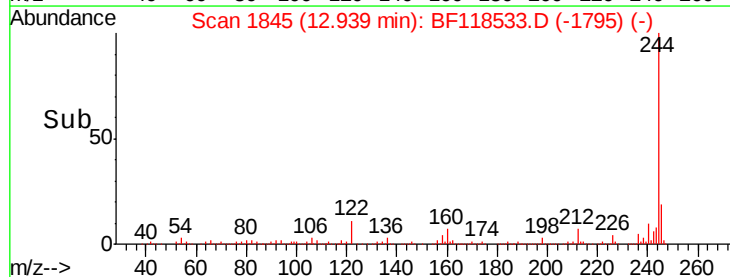
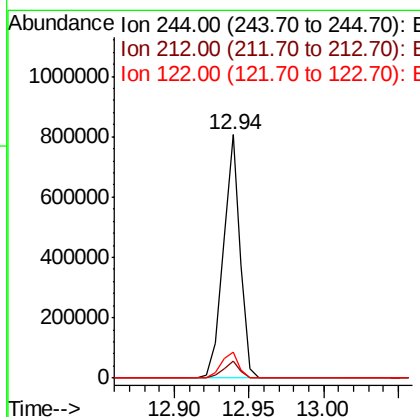
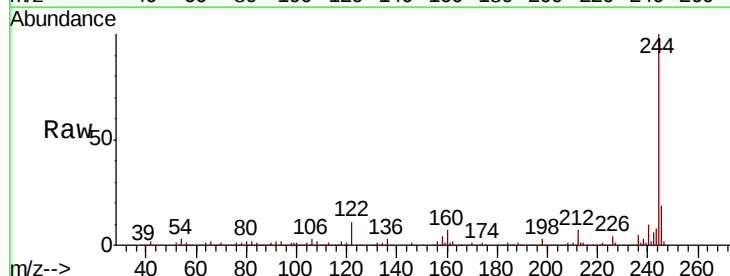
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 NB-2

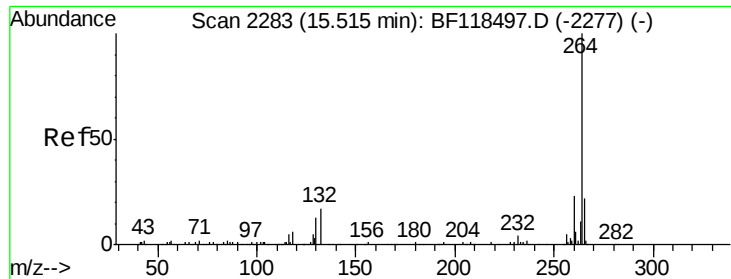
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.9	10.3
236	25.7	20.6	30.8



#79
 Terphenyl-d14
 Concen: 47.422 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF118533.D
 Acq: 13 Jan 2020 16:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.6	9.5	14.3





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF118533.D
Acq: 13 Jan 2020 16:23

Instrument :
BNA_F
ClientSampleId :
NB-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.3	17.6	26.4

