

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119672.D
 Acq On : 1 Apr 2020 14:06
 Operator : MA/SJ
 Sample : L1759-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-033020

Quant Time: Apr 01 14:37:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

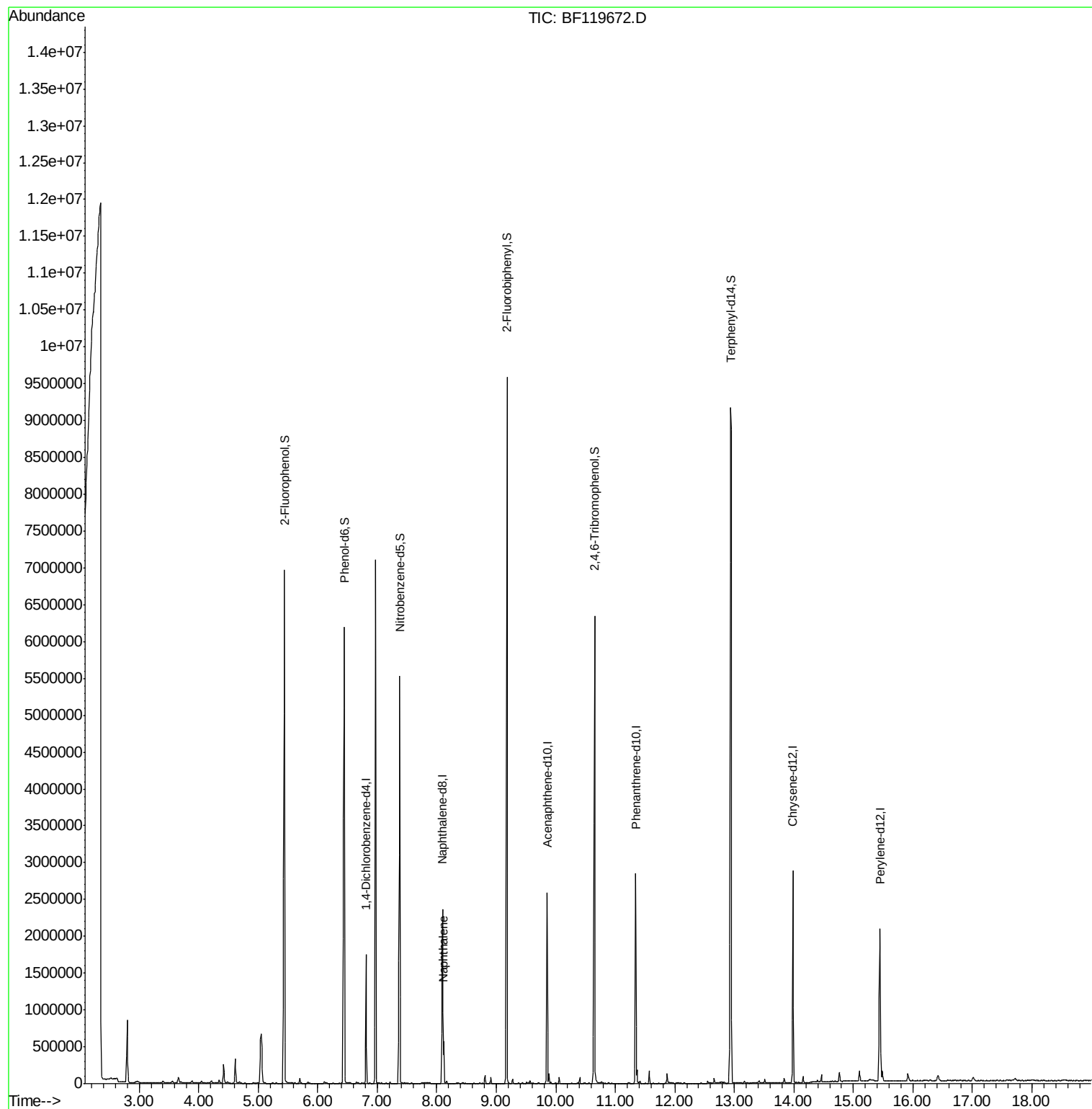
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	272301	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1050564	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	558123	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1126058	20.00	ng	0.00
76) Chrysene-d12	13.99	240	955772	20.00	ng	-0.01
87) Perylene-d12	15.44	264	979486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2191607	128.12	ng	0.02
7) Phenol-d6	6.45	99	2533536	115.95	ng	0.00
23) Nitrobenzene-d5	7.38	82	1922136	99.44	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	964702	167.54	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3389158	89.96	ng	0.00
79) Terphenyl-d14	12.95	244	4334286	88.85	ng	0.00
Target Compounds						
31) Naphthalene	8.12	128	319179	5.904	ng	Qvalue 97

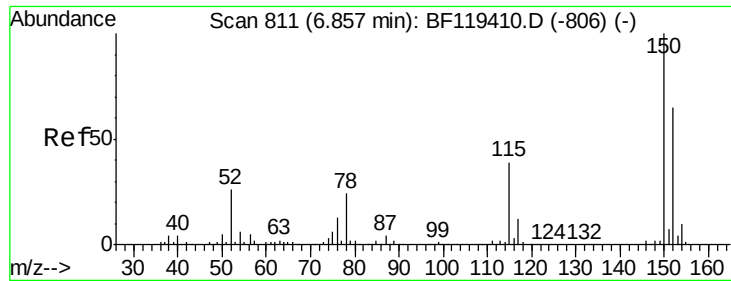
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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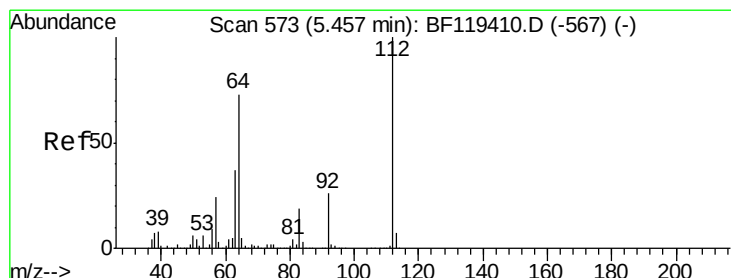
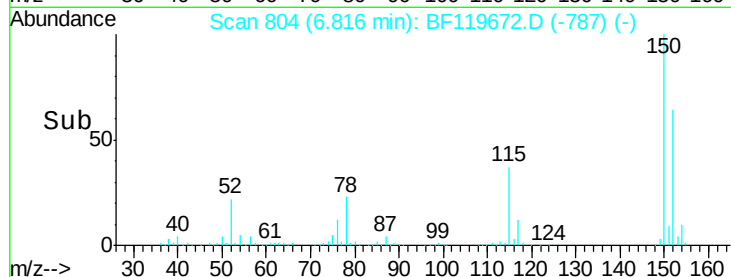
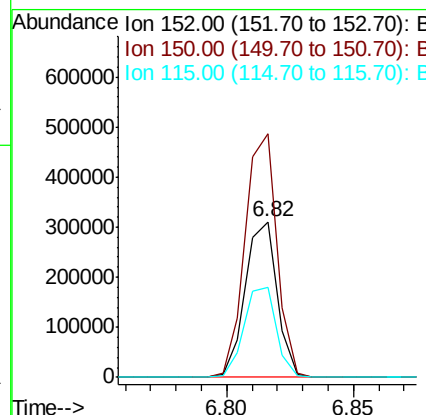
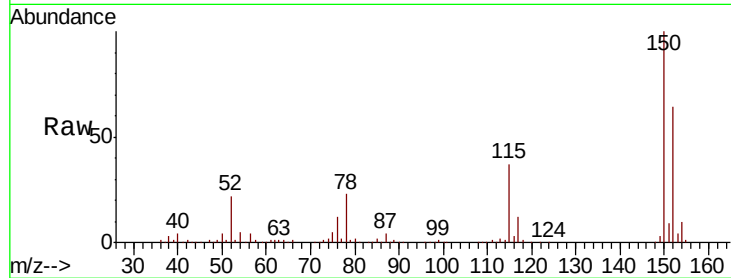


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF119672.D
Acq: 1 Apr 2020 14:06

Instrument :
BNA_F
ClientSampleId :
OR-03-033020

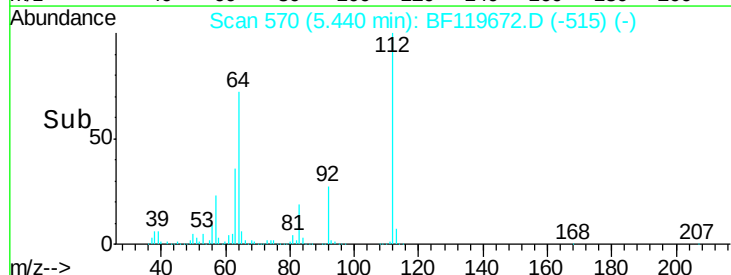
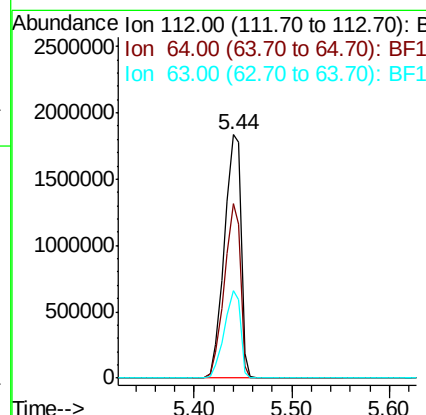
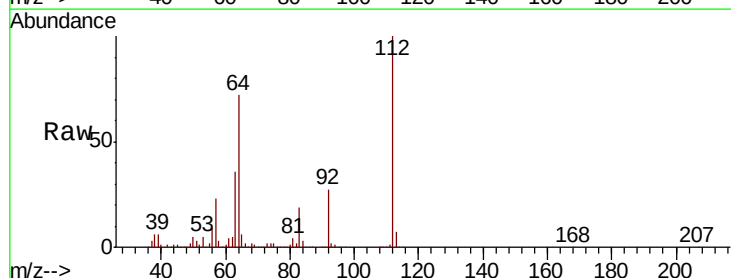
Tot Ion:152 Resp: 272301
Ion Ratio Lower Upper
152 100
150 156.3 124.5 186.7
115 57.5 49.6 74.4

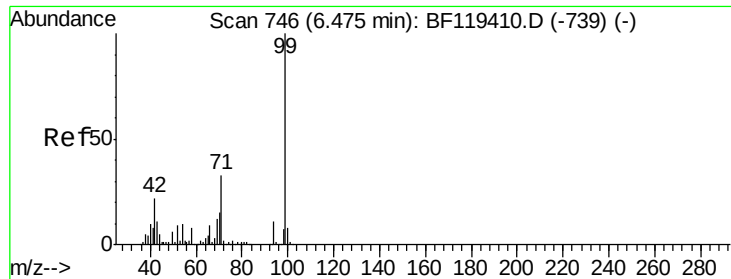


#5

2-Fluorophenol
Concen: 128.124 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF119672.D
Acq: 1 Apr 2020 14:06

Tgt Ion:112 Resp: 2191607
Ion Ratio Lower Upper
112 100
64 71.5 56.7 85.1
63 36.1 29.5 44.3





#7

Phenol-d6

Concen: 115.947 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119672.D

Acq: 1 Apr 2020 14:06

Instrument :

BNA_F

ClientSampleId :

OR-03-033020

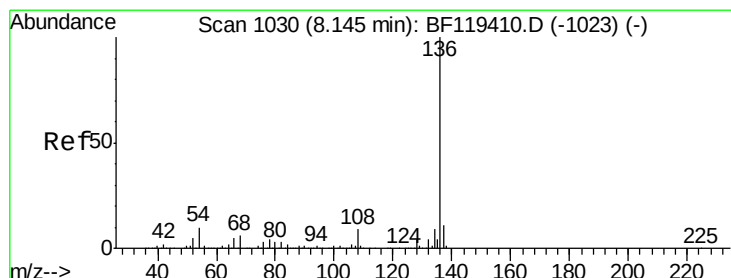
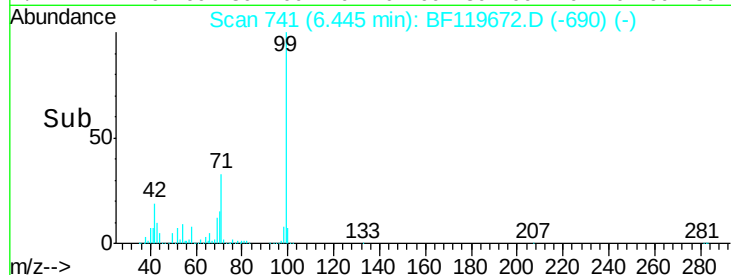
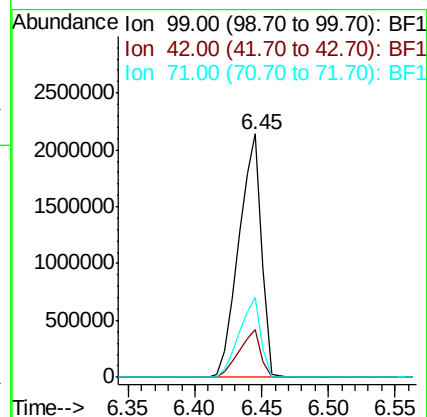
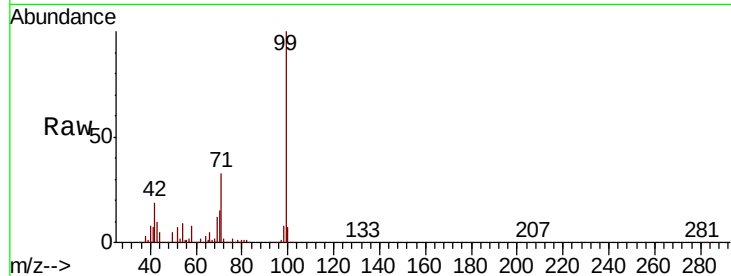
Tot Ion: 99 Resp: 2533536

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

71 32.9 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119672.D

Acq: 1 Apr 2020 14:06

Tgt Ion: 136 Resp: 1050564

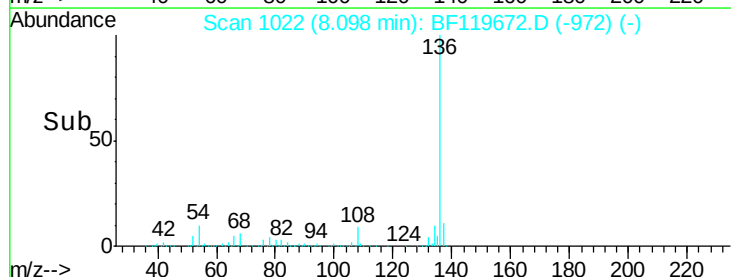
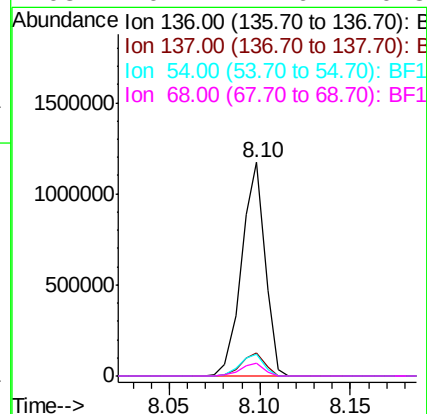
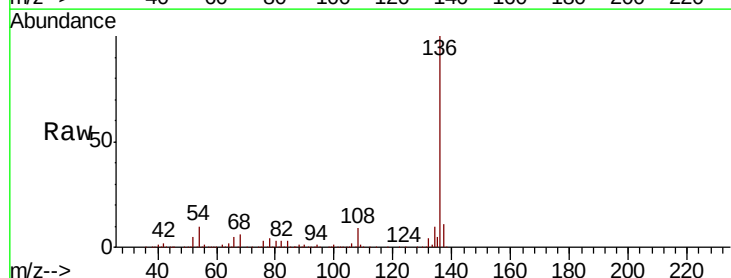
Ion Ratio Lower Upper

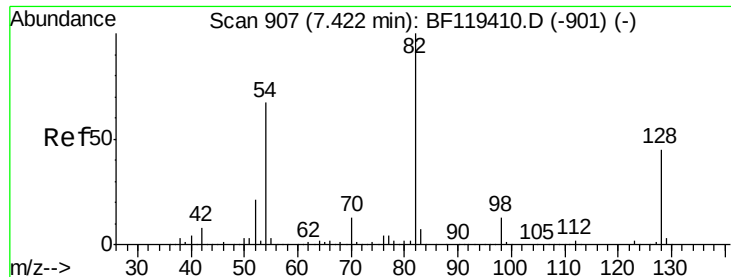
136 100

137 10.9 8.7 13.1

54 10.0 9.1 13.7

68 6.2 4.6 6.8

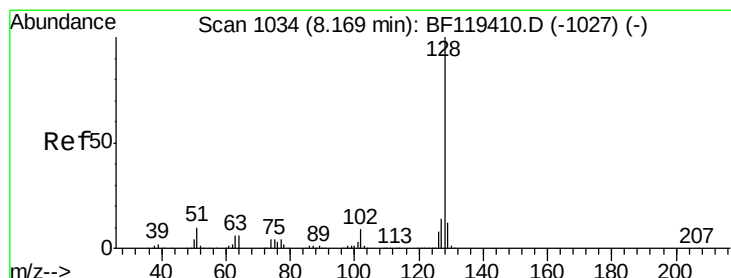
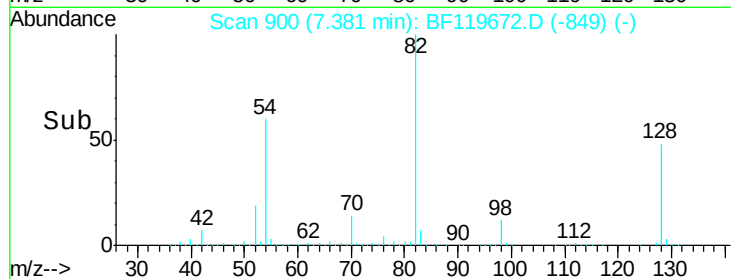
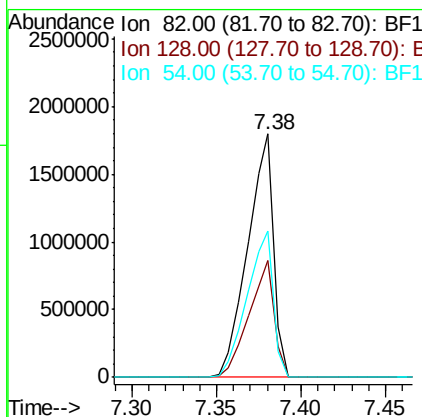
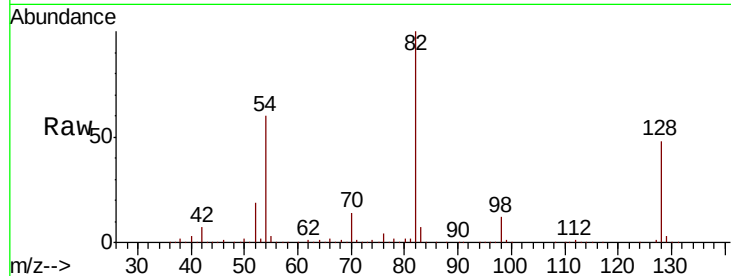




#23
 Nitrobenzene-d5
 Concen: 99.436 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

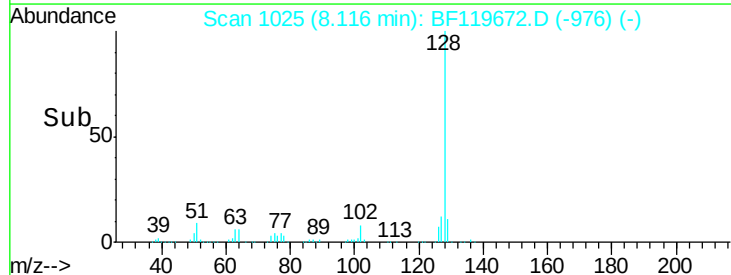
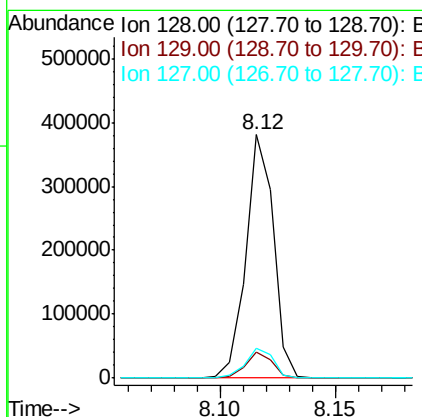
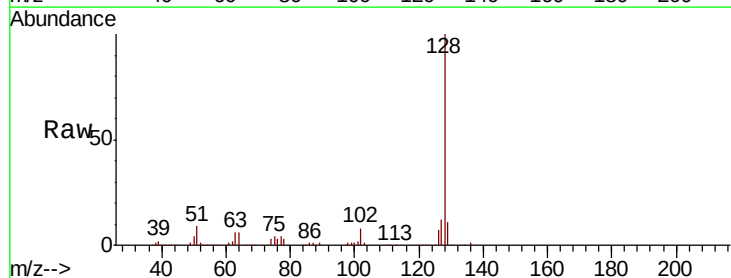
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-033020

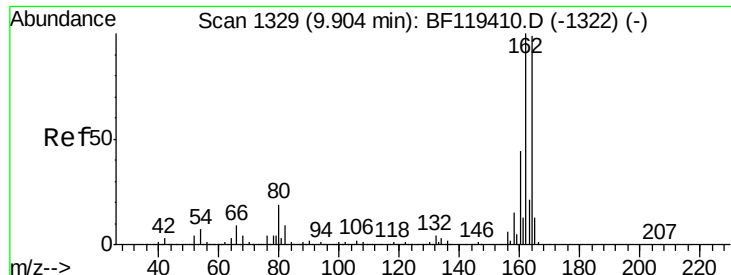
Tot Ion: 82 Resp: 1922136
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.3 54.5
 54 60.0 50.6 75.8



#31
 Naphthalene
 Concen: 5.904 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

Tgt Ion: 128 Resp: 319179
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.5 14.3
 127 12.5 11.3 16.9

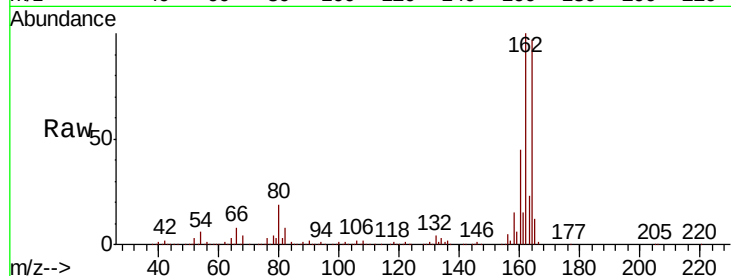




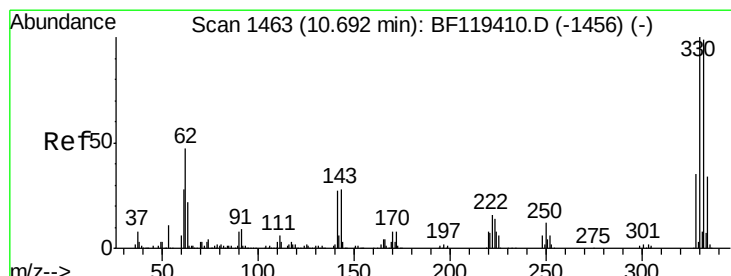
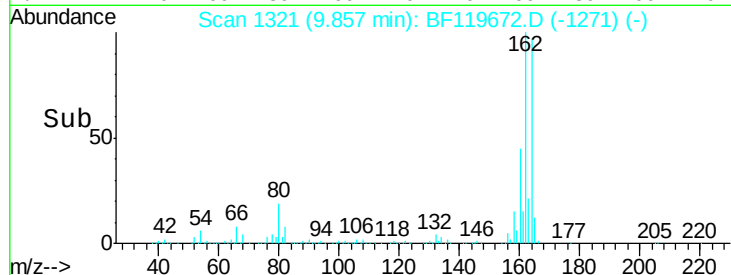
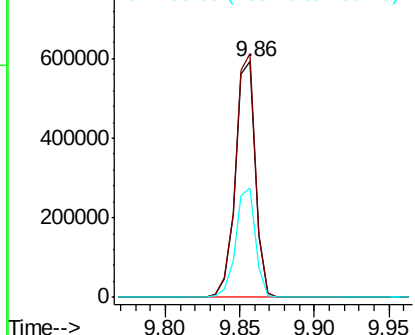
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF119672.D
Acq: 1 Apr 2020 14:06

Instrument :
BNA_F
ClientSampleId :
OR-03-033020

Tot Ion:164 Resp: 558123
Ion Ratio Lower Upper
164 100
162 103.2 80.6 121.0
160 46.3 35.7 53.5

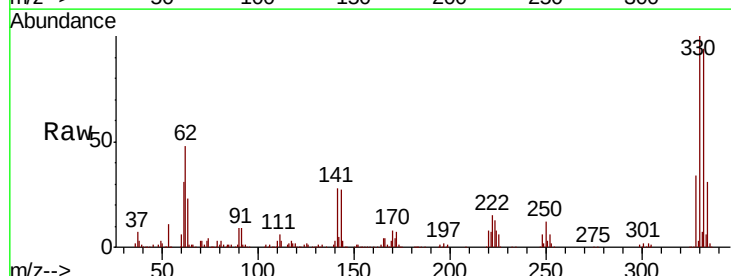


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

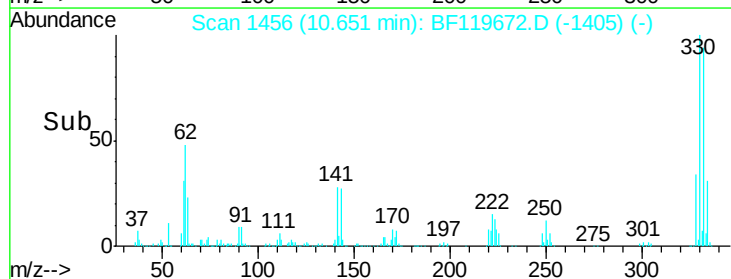
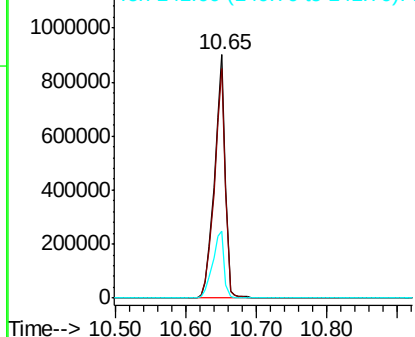


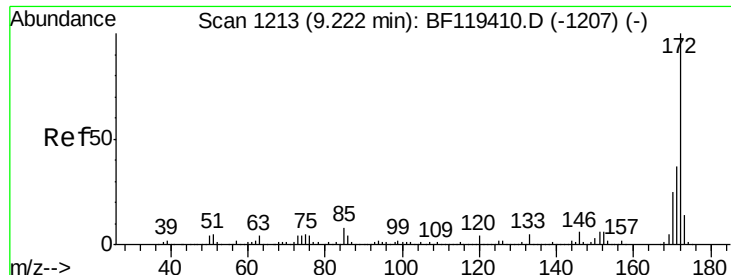
#42
2,4,6-Tribromophenol
Concen: 167.542 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BF119672.D
Acq: 1 Apr 2020 14:06

Tgt Ion:330 Resp: 964702
Ion Ratio Lower Upper
330 100
332 95.2 75.7 113.5
141 29.7 25.4 38.0



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

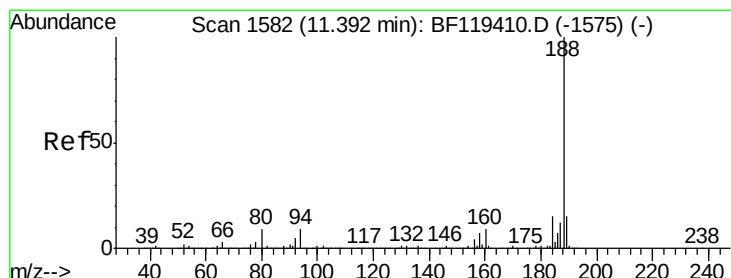
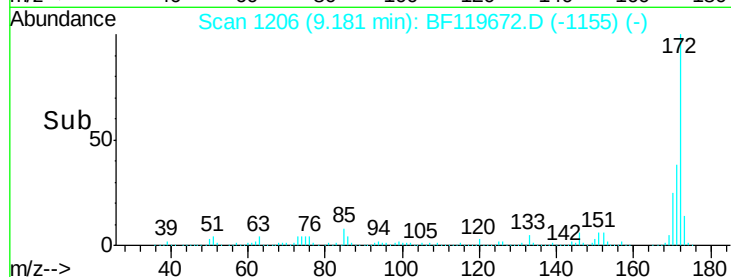
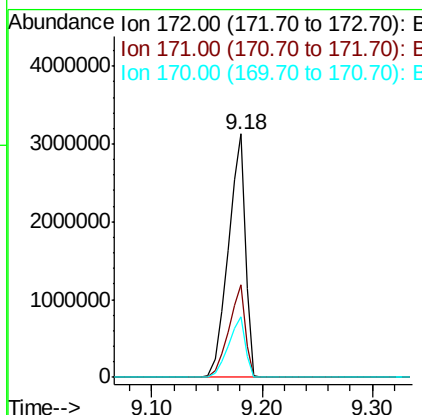
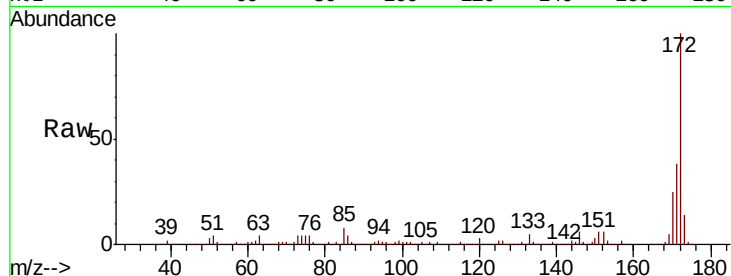




#45
 2-Fluorobiphenyl
 Concen: 89.961 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

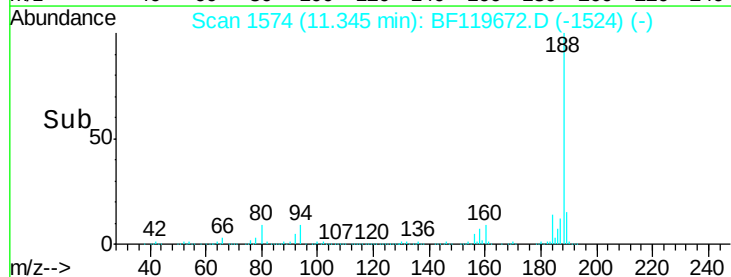
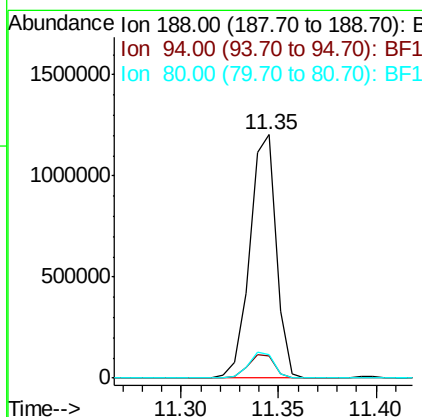
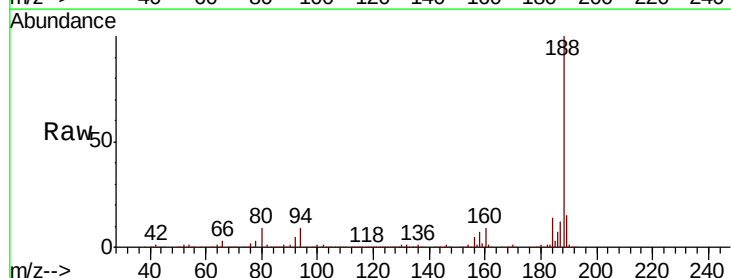
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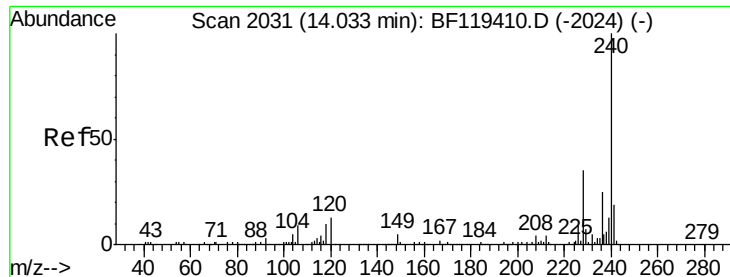
Tot Ion:172 Resp: 3389158
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.6 44.4
 170 25.1 20.2 30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

Tgt Ion:188 Resp: 1126058
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.5 11.3
 80 9.4 9.0 13.4

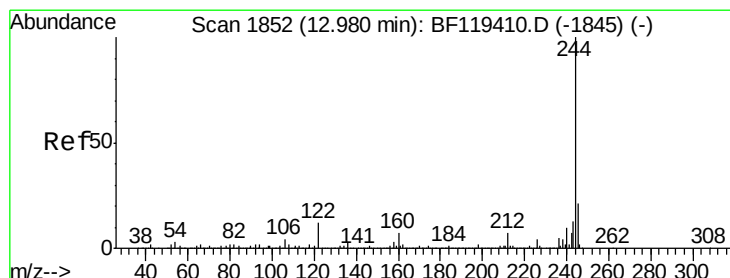
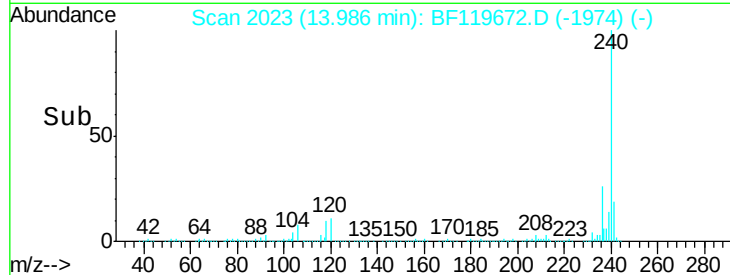
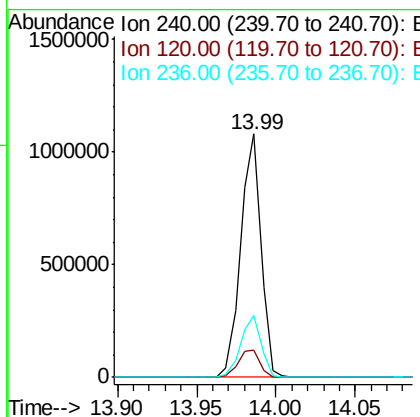
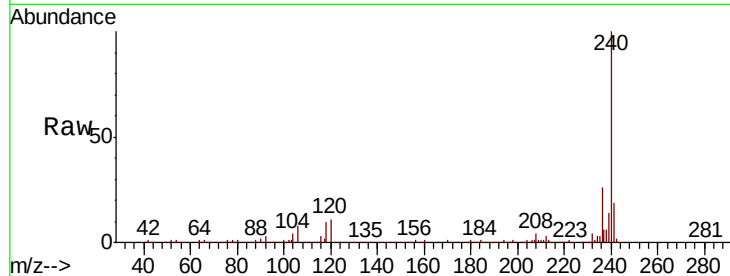




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

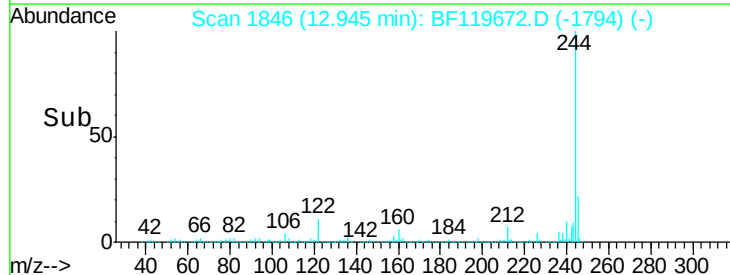
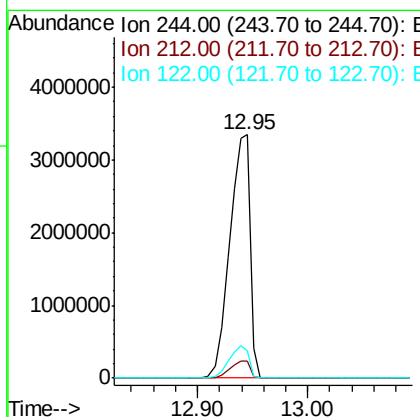
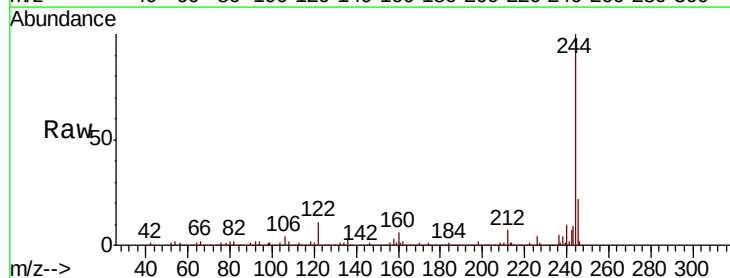
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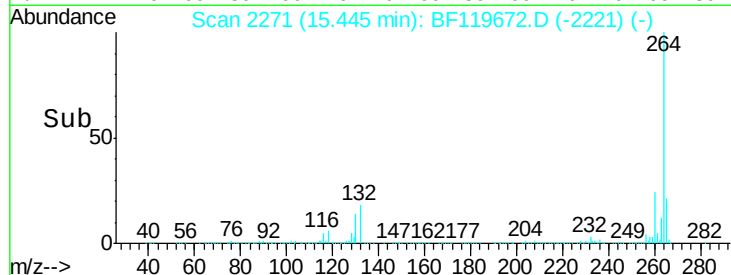
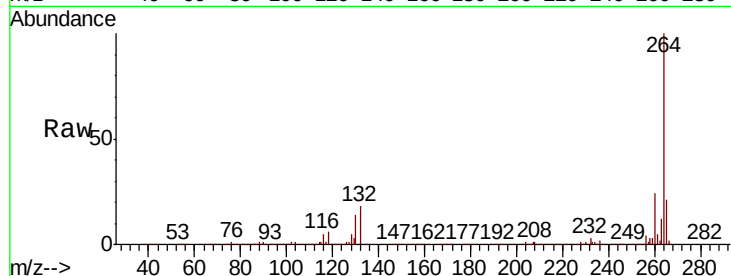
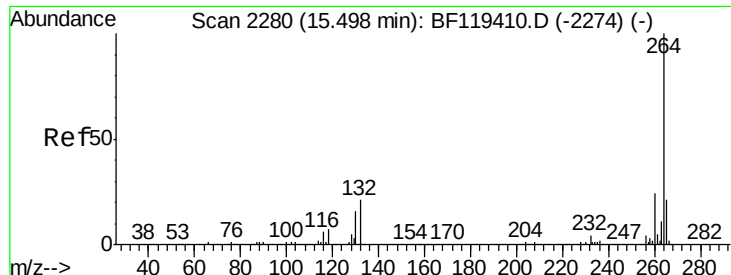
Tot Ion:240 Resp: 955772
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.6 15.8
 236 25.5 20.2 30.2



#79
 Terphenyl-d14
 Concen: 88.847 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

Tgt Ion:244 Resp: 4334286
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 11.5 10.3 15.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF119672.D
 Acq: 1 Apr 2020 14:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-033020

Tot Ion:	264	Resp:	979486
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.1	17.7	26.5

