

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119730.D
 Acq On : 3 Apr 2020 21:10
 Operator : MA/SJ
 Sample : L2101-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-BC

Quant Time: Apr 04 00:24:05 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

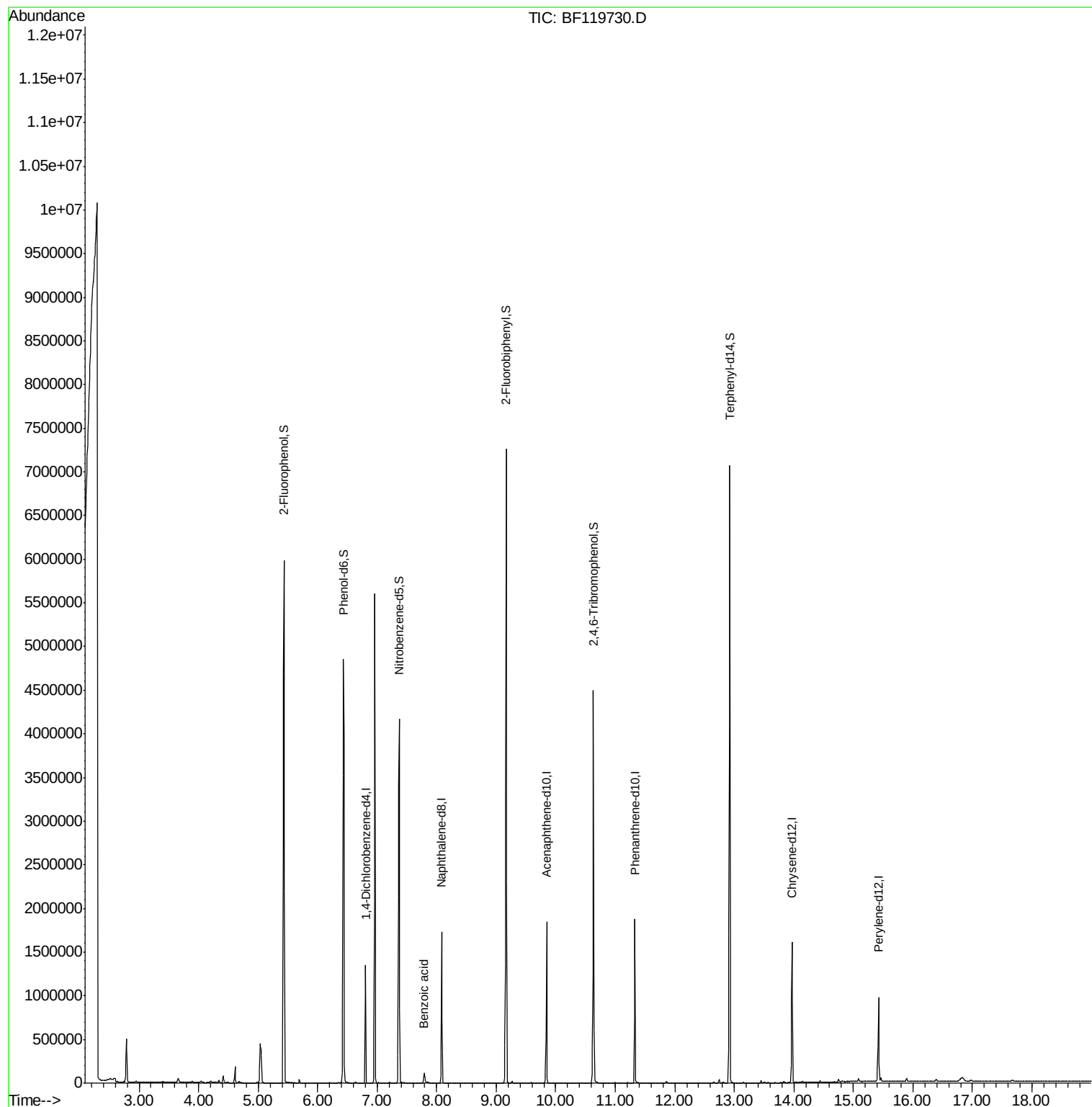
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	192610	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	723112	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	374306	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	728915	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	517454	20.00	ng	-0.03
87) Perylene-d12	15.42	264	434785	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1636005	135.21	ng	0.02
7) Phenol-d6	6.43	99	1945571	125.88	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1393141	104.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	648322	167.89	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2498915	98.90	ng	-0.01
79) Terphenyl-d14	12.93	244	2899383	109.78	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	7.79	122	38926	5.227	ng	97

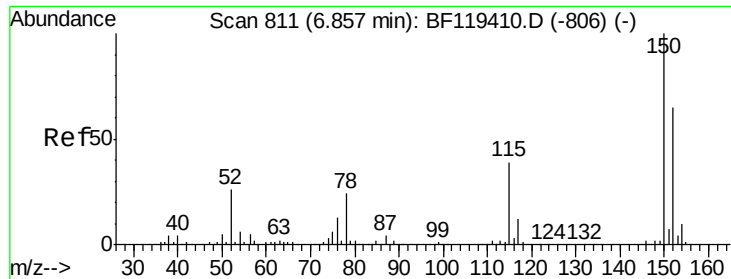
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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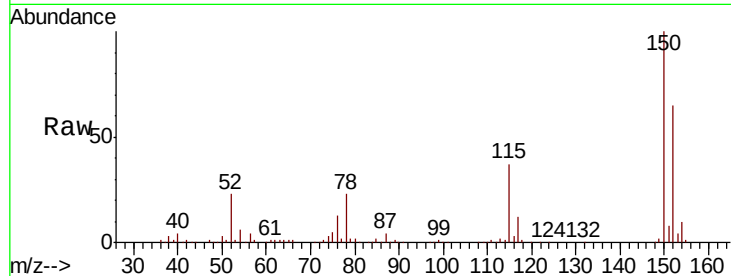


#1

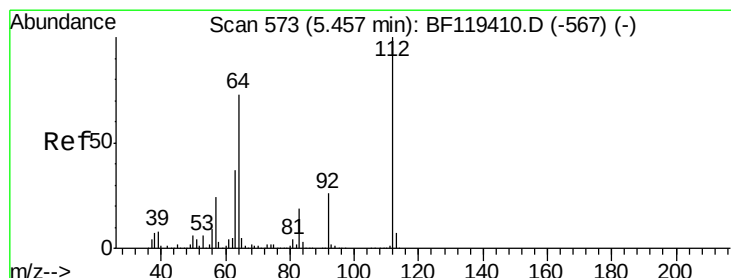
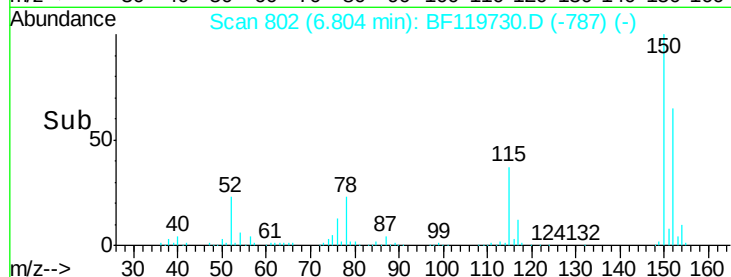
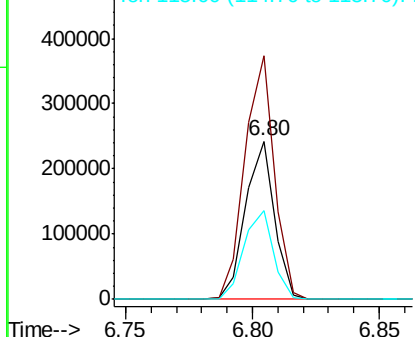
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119730.D
Acq: 3 Apr 2020 21:10

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-BC

Tot Ion:152 Resp: 192610
Ion Ratio Lower Upper
152 100
150 154.2 124.5 186.7
115 56.4 49.6 74.4



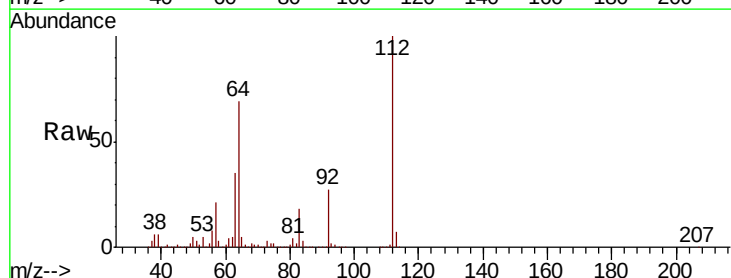
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



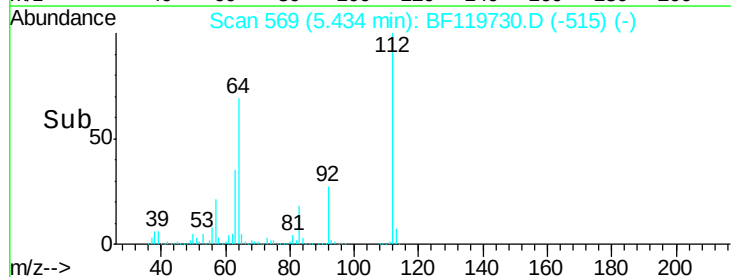
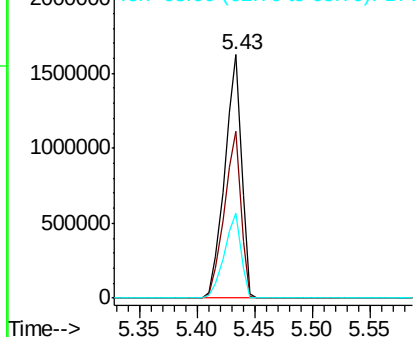
#5

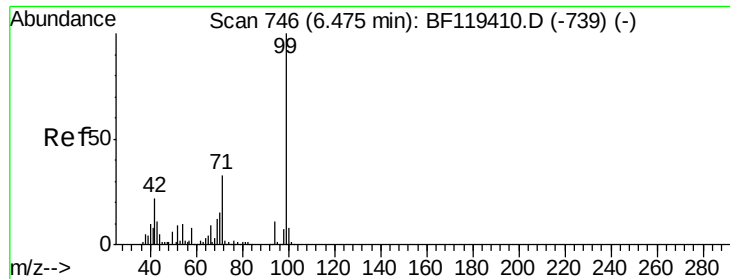
2-Fluorophenol
Concen: 135.214 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF119730.D
Acq: 3 Apr 2020 21:10

Tgt Ion:112 Resp: 1636005
Ion Ratio Lower Upper
112 100
64 68.7 56.7 85.1
63 34.8 29.5 44.3



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: 125.878 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119730.D

Acq: 3 Apr 2020 21:10

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-BC

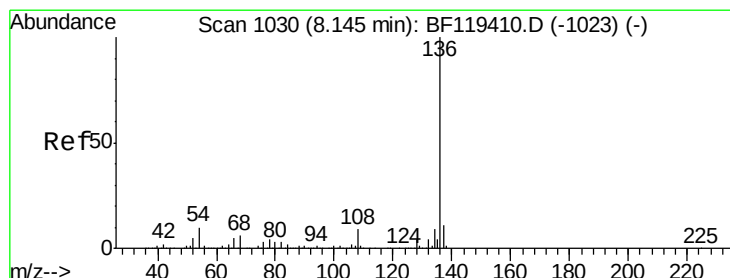
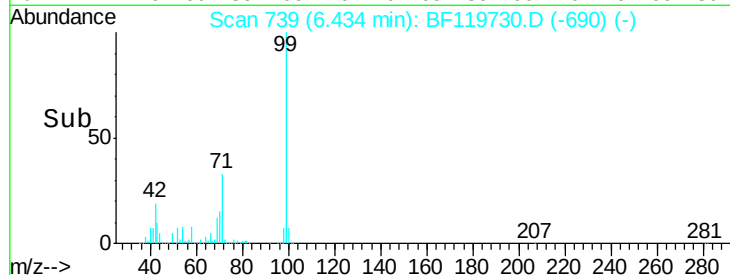
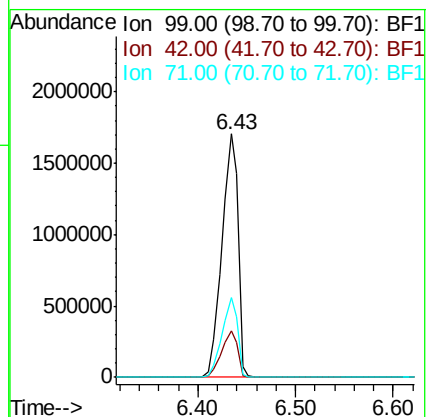
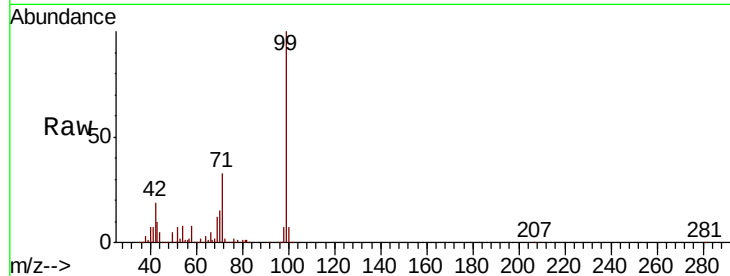
Tot Ion: 99 Resp: 1945571

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

71 32.5 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119730.D

Acq: 3 Apr 2020 21:10

Tgt Ion: 136 Resp: 723112

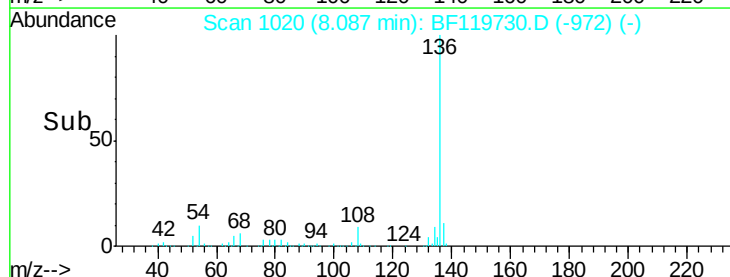
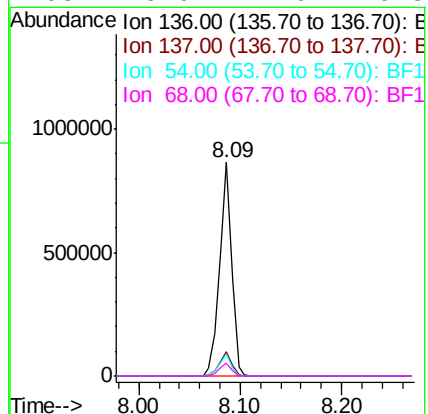
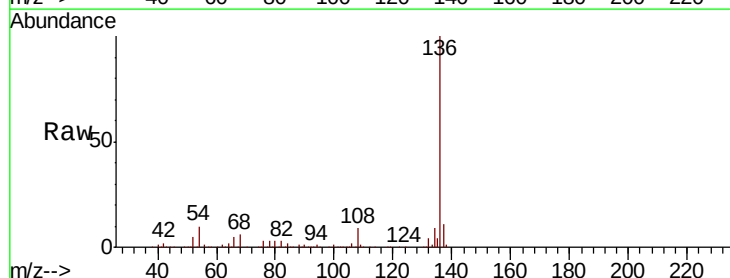
Ion Ratio Lower Upper

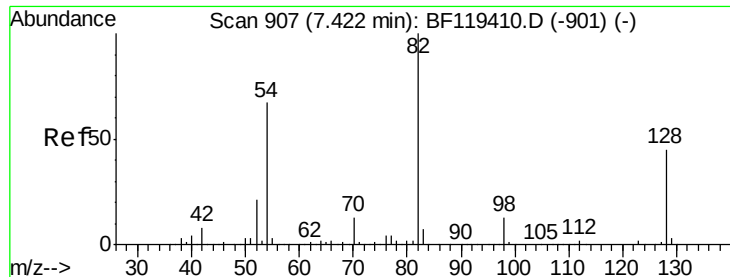
136 100

137 11.3 8.7 13.1

54 10.0 9.1 13.7

68 5.9 4.6 6.8

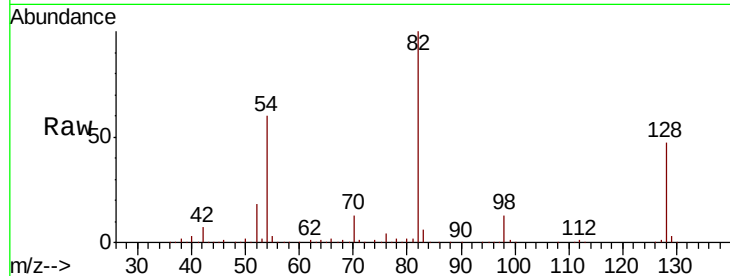




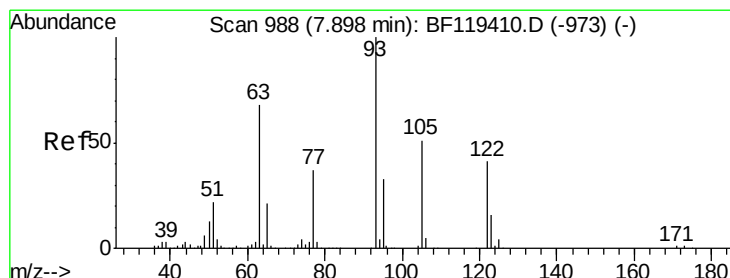
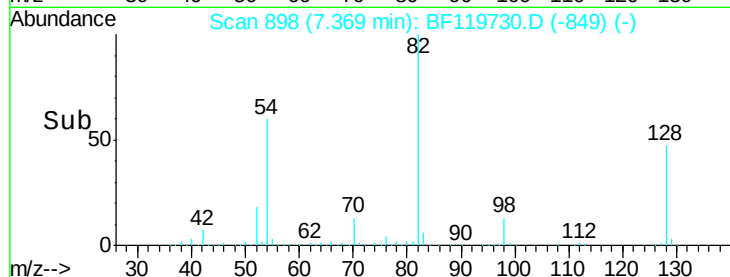
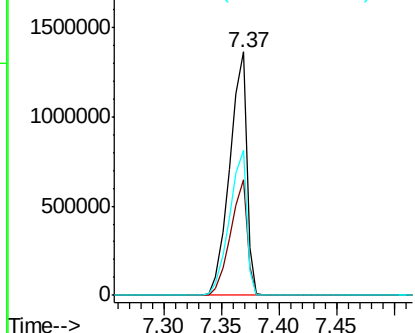
#23
 Nitrobenzene-d5
 Concen: 104.706 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF119730.D
 Acq: 3 Apr 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-BC

Tot Ion: 82 Resp: 1393141
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.3 54.5
 54 59.6 50.6 75.8

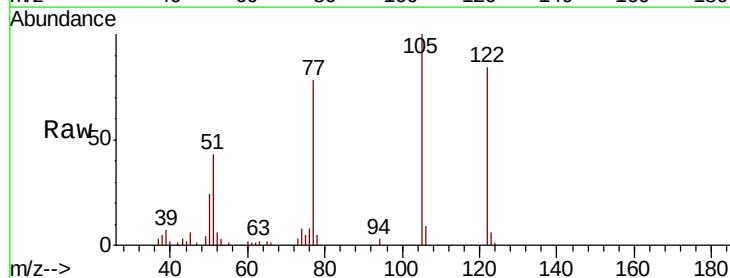


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

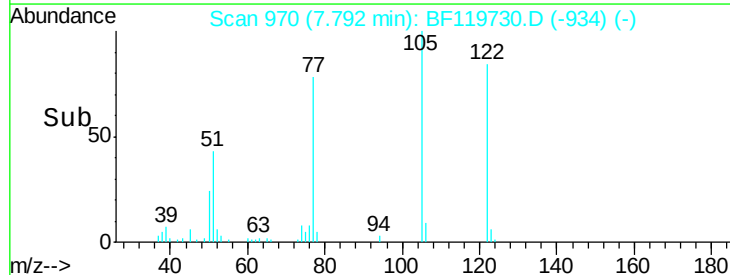
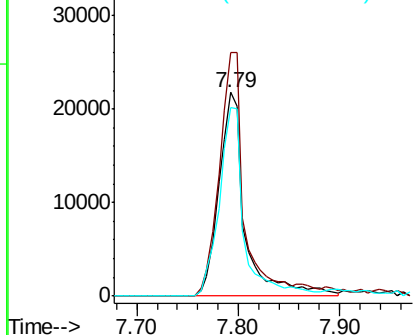


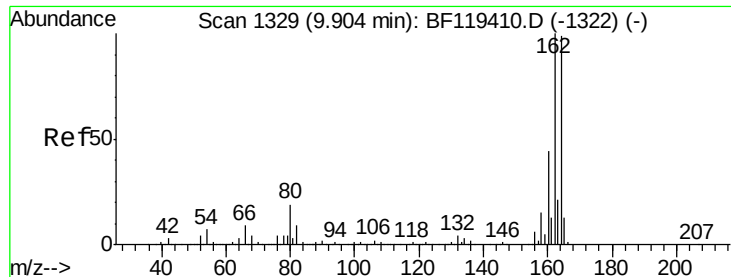
#32
 Benzoic acid
 Concen: 5.227 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.09 min
 Lab File: BF119730.D
 Acq: 3 Apr 2020 21:10

Tgt Ion:122 Resp: 38926
 Ion Ratio Lower Upper
 122 100
 105 119.7 104.9 144.9
 77 93.0 74.4 114.4



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1

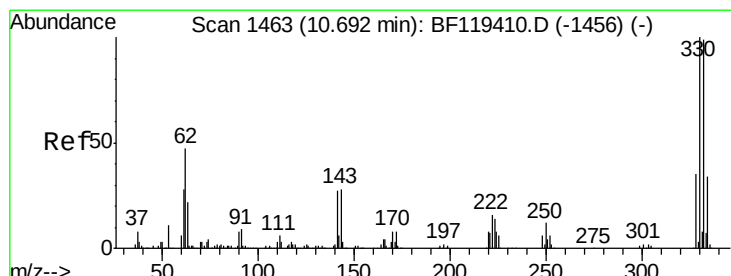
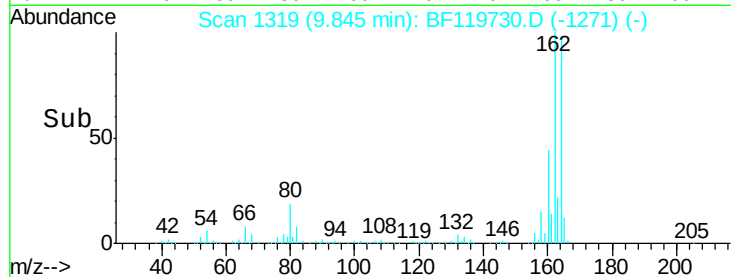
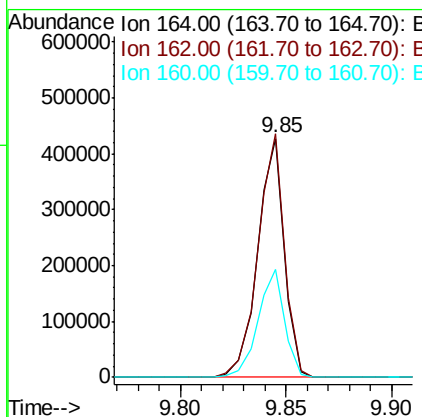
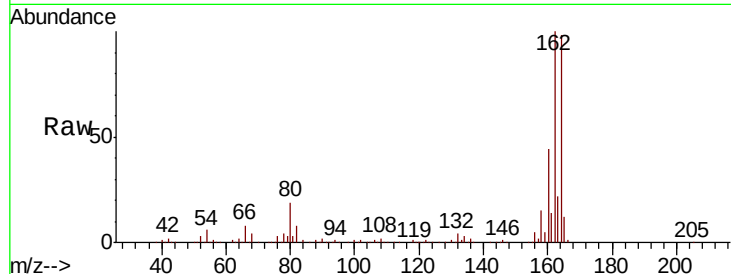




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF119730.D
 Acq: 3 Apr 2020 21:10

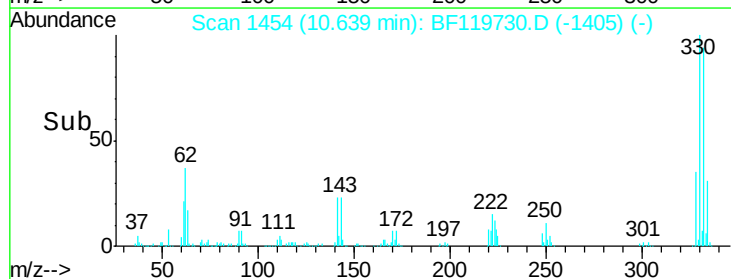
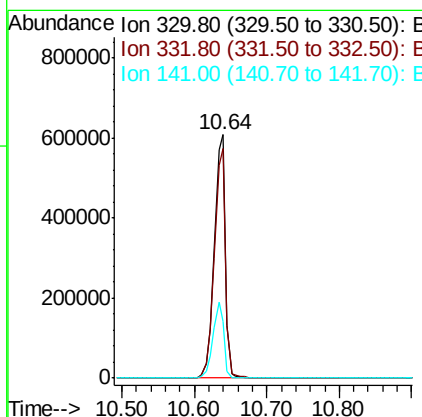
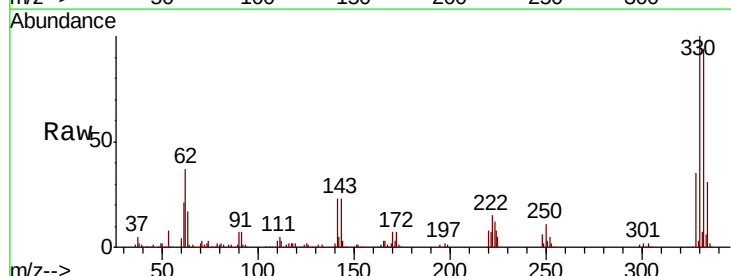
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-BC

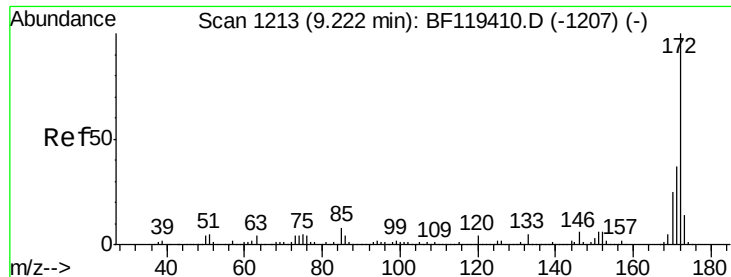
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	121.0
160	45.1	35.7	53.5



#42
 2,4,6-Tribromophenol
 Concen: 167.890 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119730.D
 Acq: 3 Apr 2020 21:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	30.3	25.4	38.0



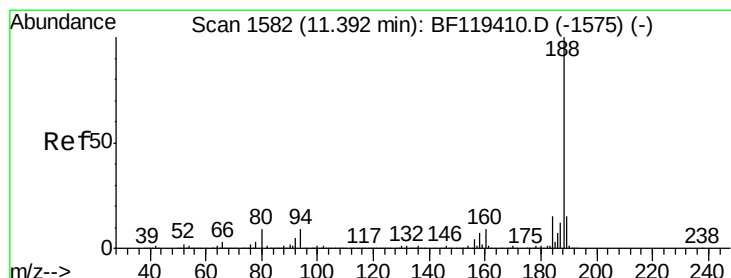
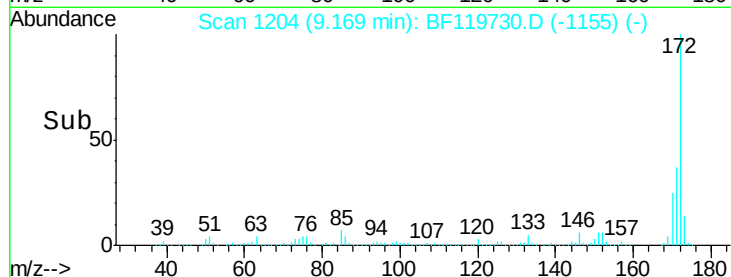
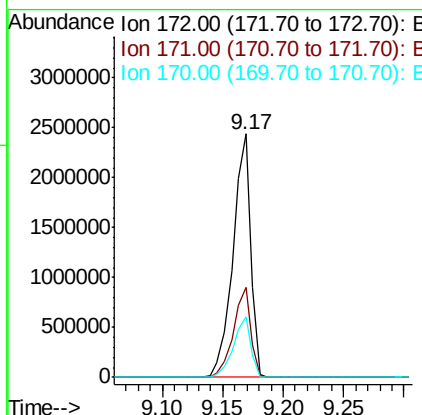
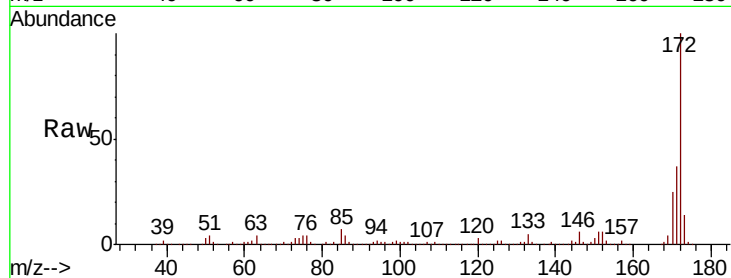


#45
 2-Fluorobiphenyl
 Concen: 98.905 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119730.D
 Acq: 3 Apr 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-BC

Tot Ion:172 Resp: 2498915

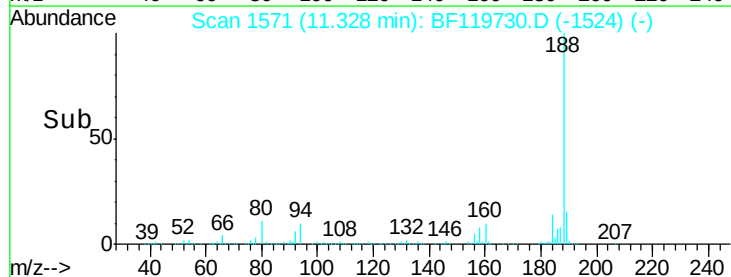
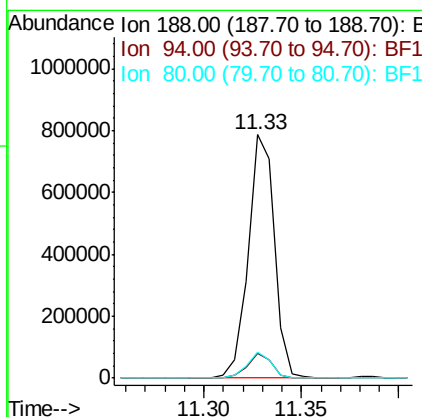
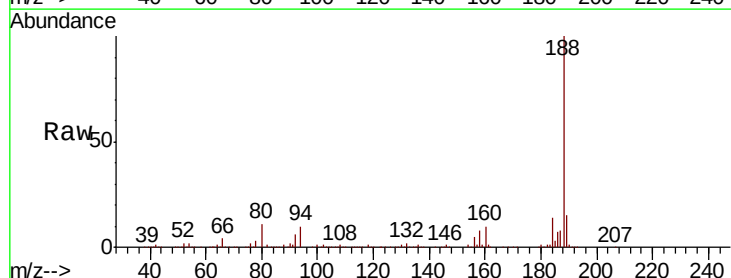
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.7	20.2	30.2

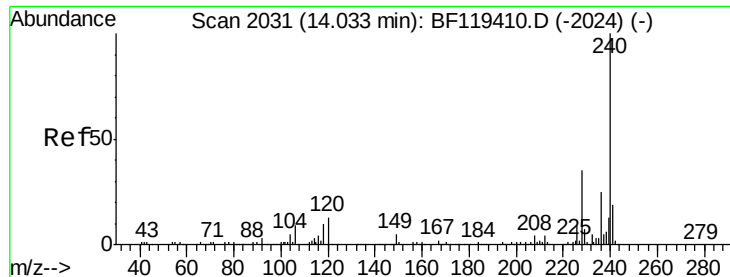


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BF119730.D
 Acq: 3 Apr 2020 21:10

Tgt Ion:188 Resp: 728915

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.5	11.3
80	10.6	9.0	13.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF119730.D

Acq: 3 Apr 2020 21:10

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-BC

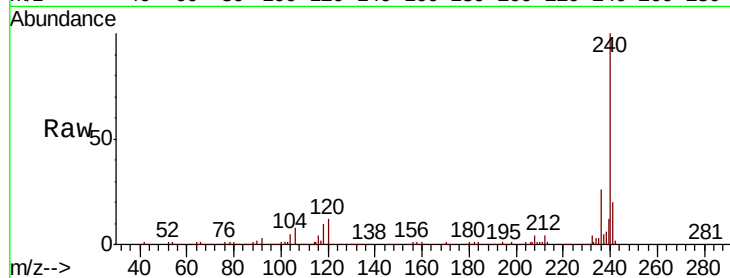
Tot Ion:240 Resp: 517454

Ion Ratio Lower Upper

240 100

120 12.3 10.6 15.8

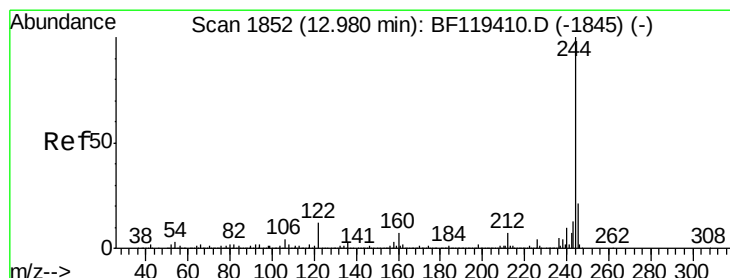
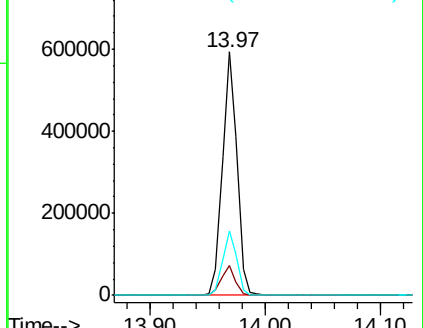
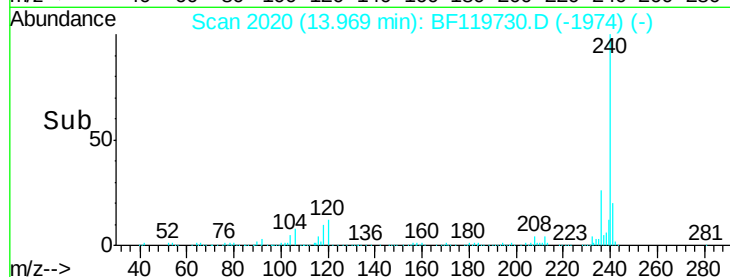
236 26.4 20.2 30.2



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: 109.778 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119730.D

Acq: 3 Apr 2020 21:10

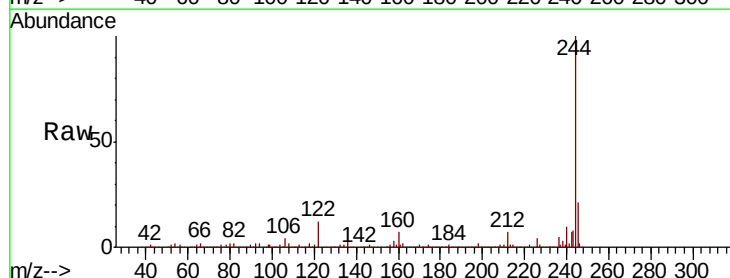
Tgt Ion:244 Resp: 2899383

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

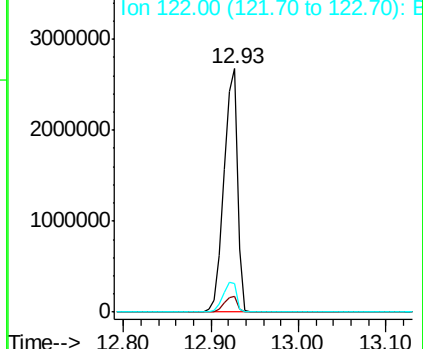
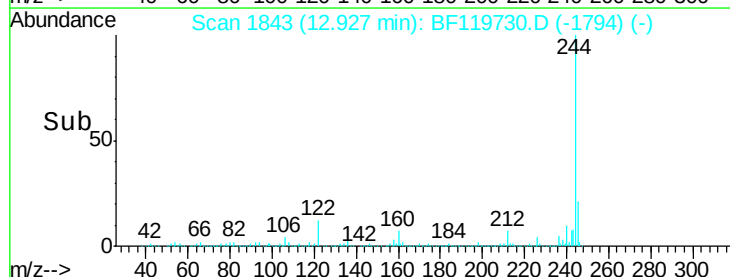
122 11.9 10.3 15.5

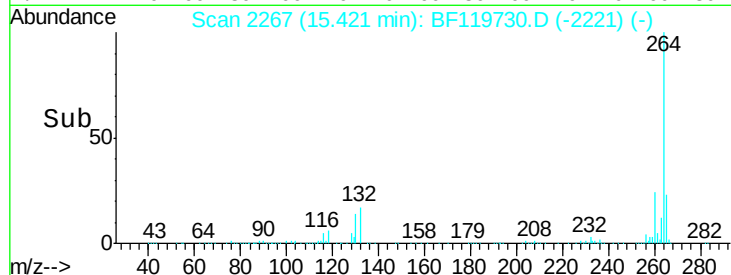
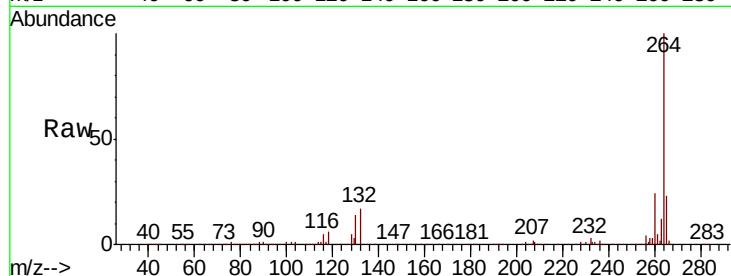
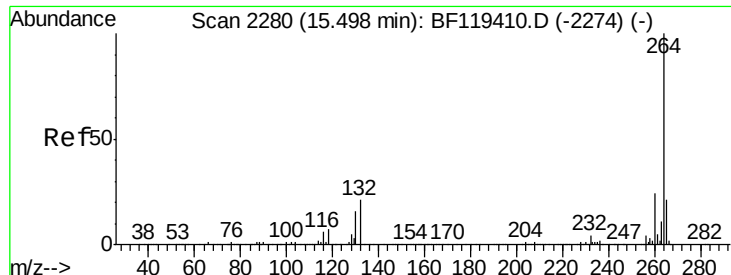


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.03 min
 Lab File: BF119730.D
 Acq: 3 Apr 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-BC

Tot Ion:	264	Resp:	434785
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.9	17.7	26.5

