

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119681.D
 Acq On : 1 Apr 2020 18:09
 Operator : MA/SJ
 Sample : L2068-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TI-658

Quant Time: Apr 02 01:35:06 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

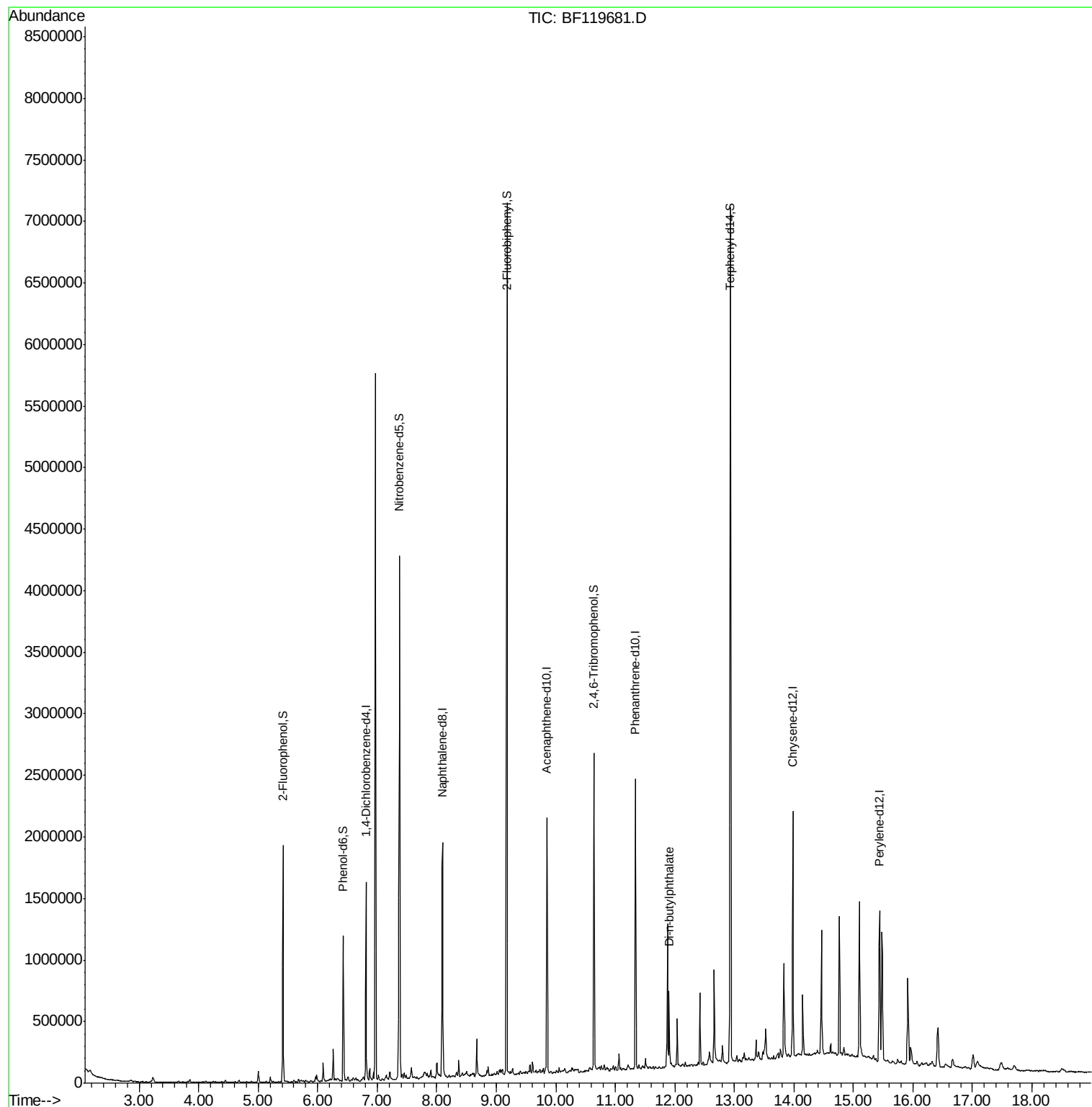
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	220253	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	835547	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	427463	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	855597	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	665944	20.00	ng	-0.02
87) Perylene-d12	15.44	264	558622	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	454262	32.83	ng	0.00
7) Phenol-d6	6.43	99	364808	20.64	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1380266	89.78	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	301300	68.32	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2493157	86.41	ng	0.00
79) Terphenyl-d14	12.93	244	2845084	83.70	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	11.90	149	290970	6.095	ng	Qvalue 99

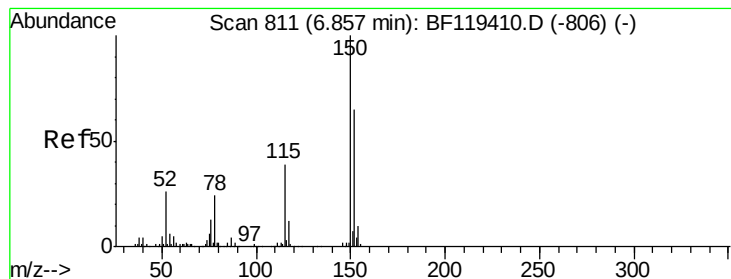
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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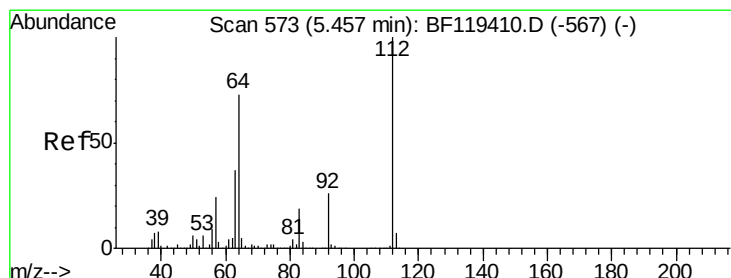
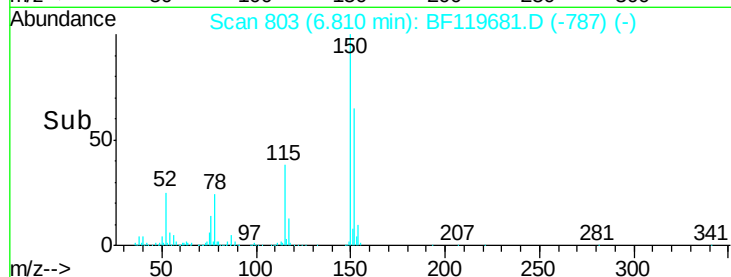
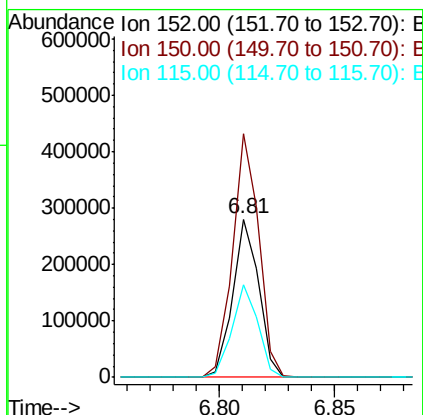
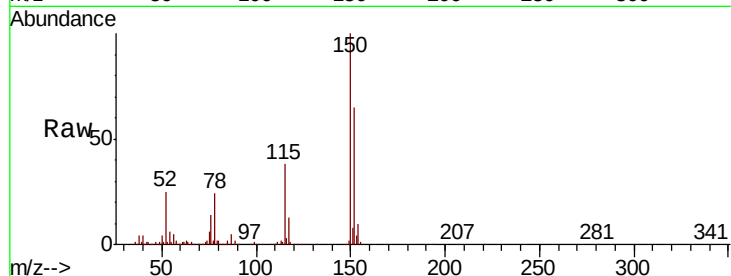


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119681.D
Acq: 1 Apr 2020 18:09

Instrument :
BNA_F
ClientSampleId :
TI-658

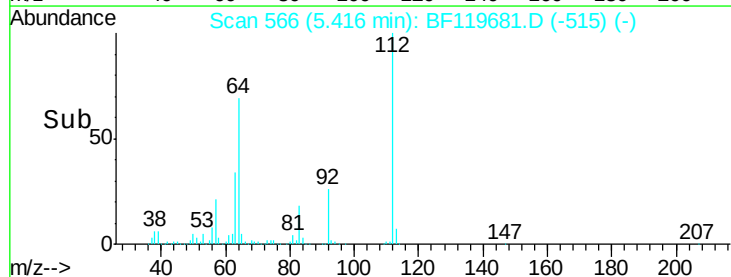
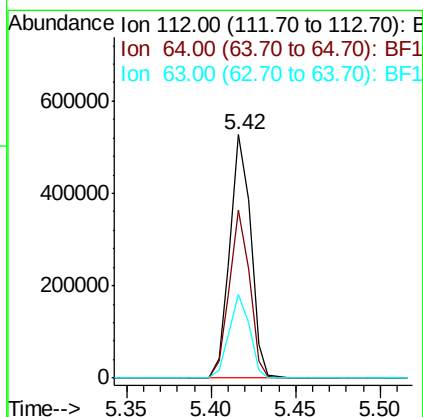
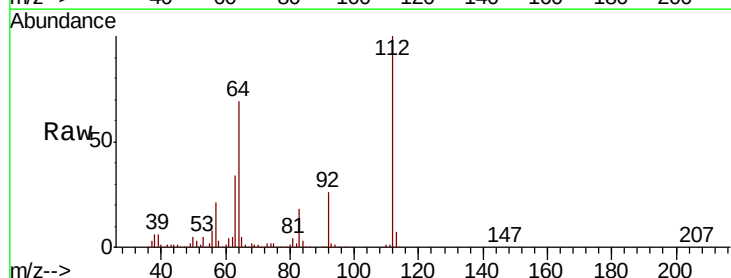
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.5	186.7
115	58.4	49.6	74.4

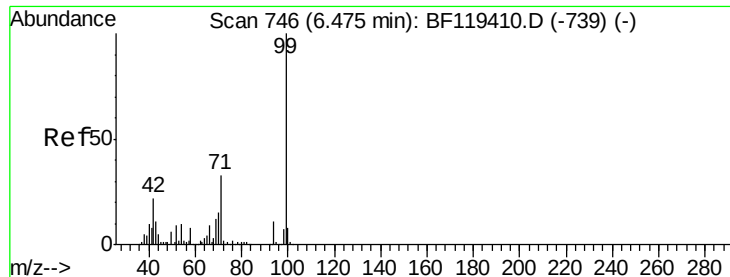


#5

2-Fluorophenol
Concen: 32.832 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF119681.D
Acq: 1 Apr 2020 18:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	56.7	85.1
63	34.2	29.5	44.3





#7

Phenol-d6

Concen: 20.641 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF119681.D

Acq: 1 Apr 2020 18:09

Instrument :

BNA_F

ClientSampled :

TI-658

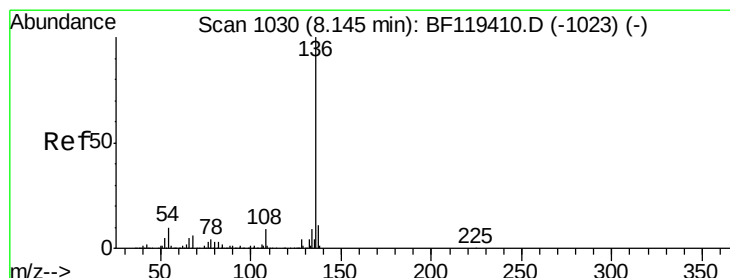
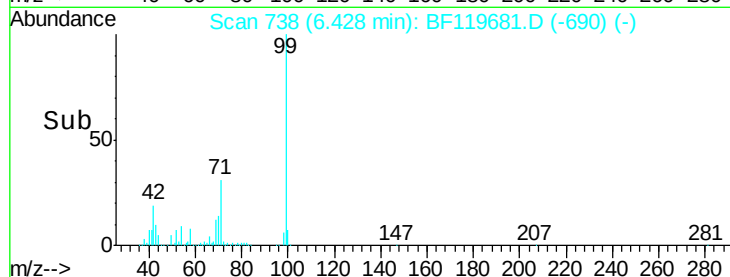
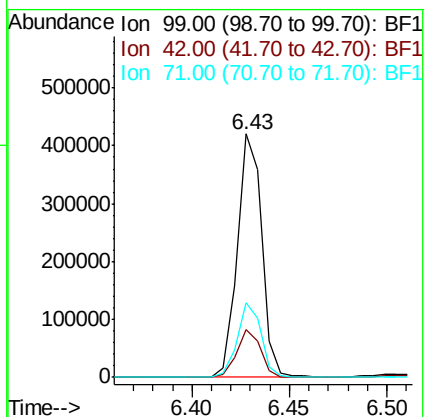
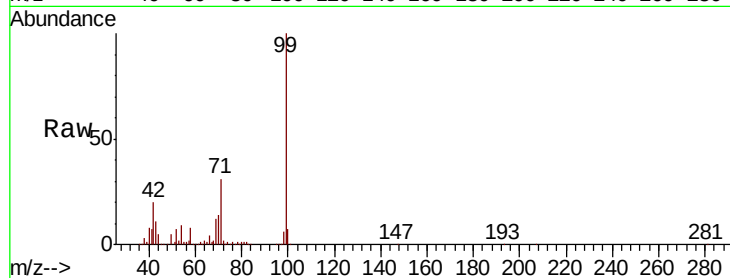
Tot Ion: 99 Resp: 364808

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

71 30.9 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: BF119681.D

Acq: 1 Apr 2020 18:09

Tgt Ion: 136 Resp: 835547

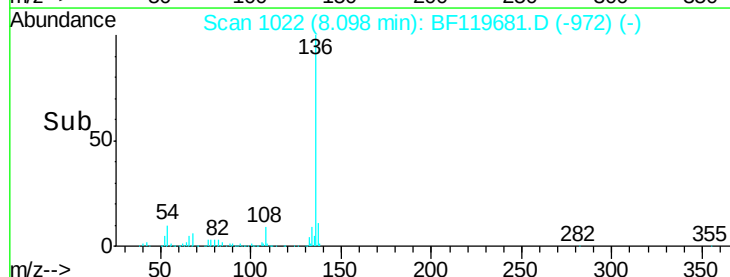
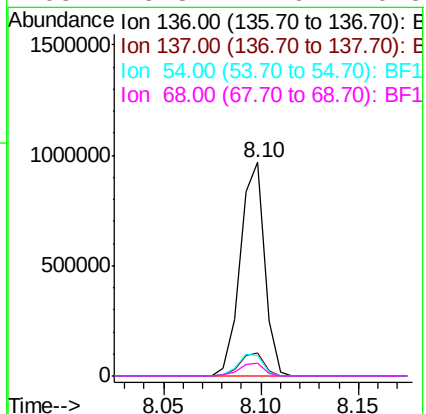
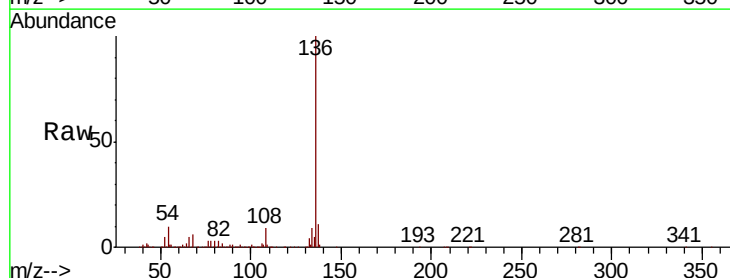
Ion Ratio Lower Upper

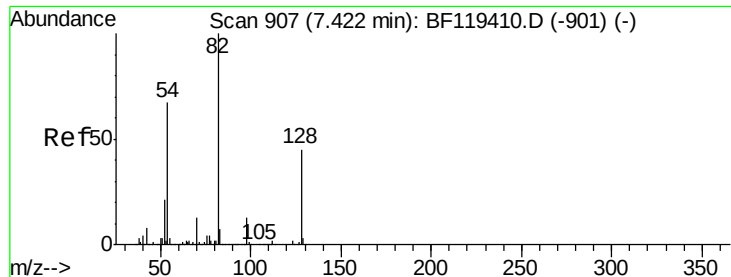
136 100

137 10.8 8.7 13.1

54 9.5 9.1 13.7

68 5.8 4.6 6.8

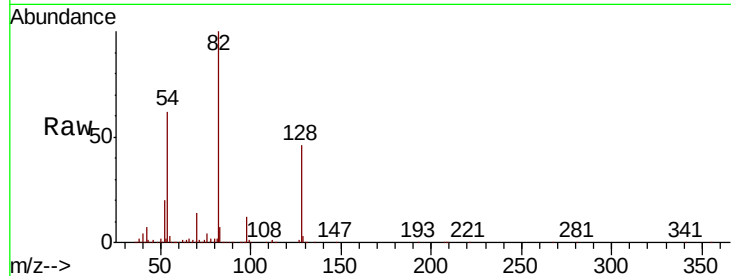




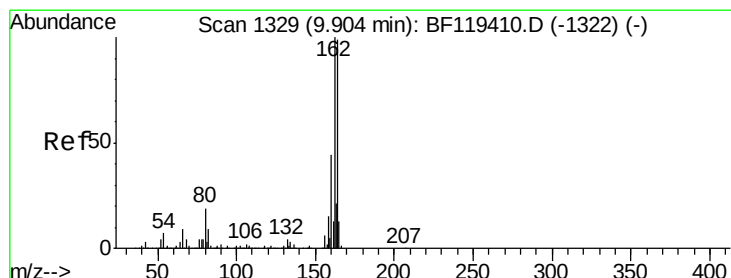
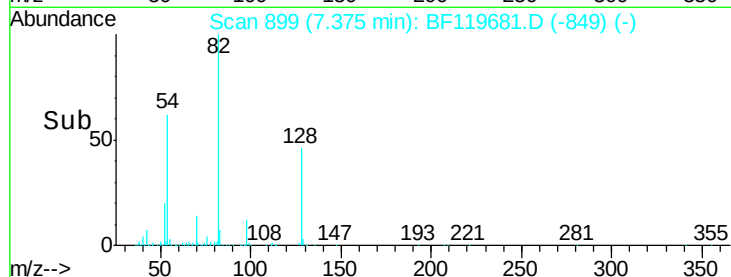
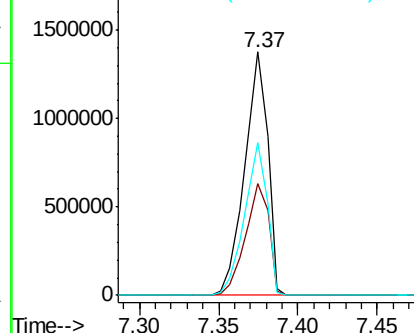
#23
Nitrobenzene-d5
Concen: 89.779 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF119681.D
Acq: 1 Apr 2020 18:09

Instrument :
BNA_F
ClientSampleId :
TI-658

Tot Ion: 82 Resp: 1380266
Ion Ratio Lower Upper
82 100
128 46.1 36.3 54.5
54 62.5 50.6 75.8

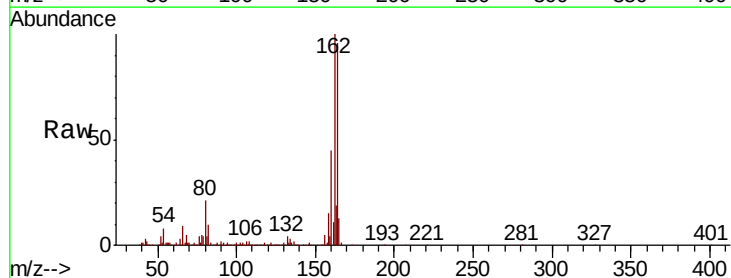


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

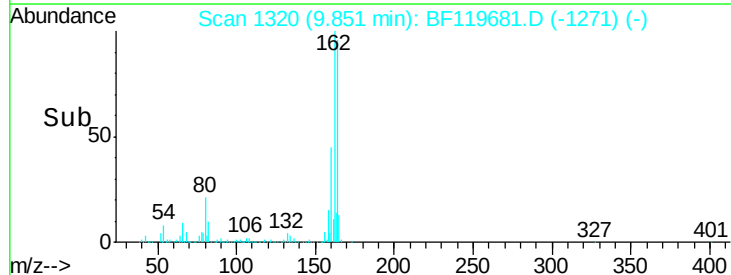
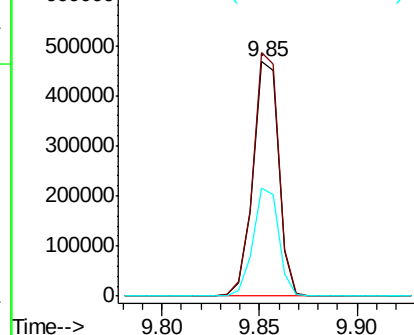


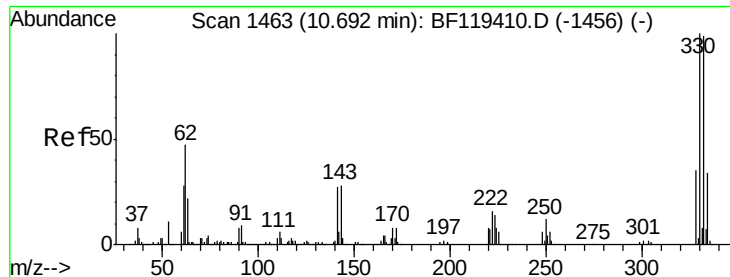
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119681.D
Acq: 1 Apr 2020 18:09

Tgt Ion: 164 Resp: 427463
Ion Ratio Lower Upper
164 100
162 103.8 80.6 121.0
160 46.2 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

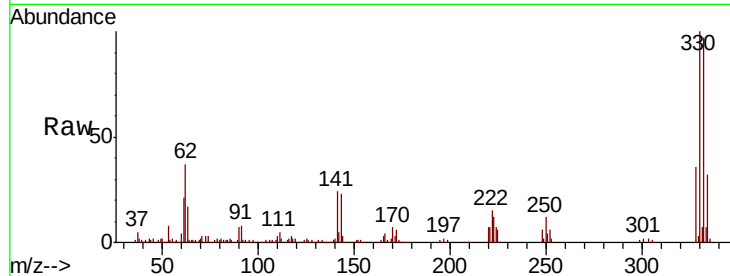




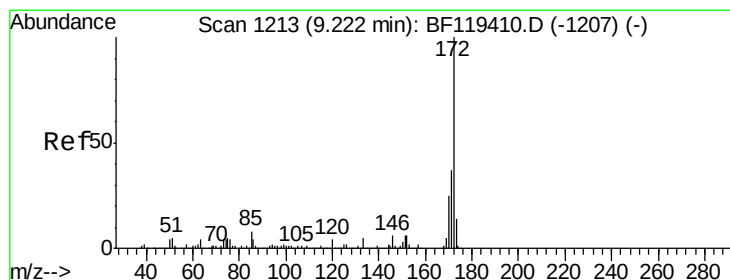
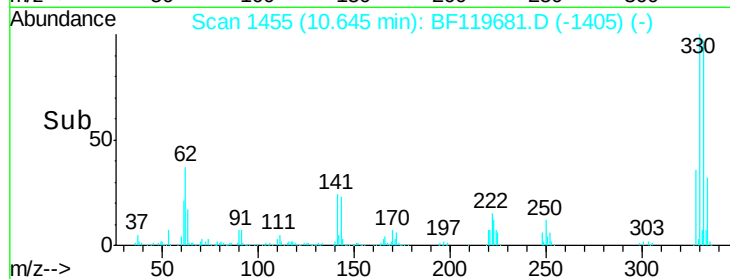
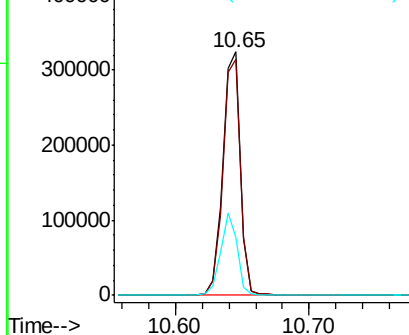
#42
 2,4,6-Tribromophenol
 Concen: 68.322 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF119681.D
 Acq: 1 Apr 2020 18:09

Instrument :
 BNA_F
 ClientSampleId :
 TI-658

Tot Ion:330 Resp: 301300
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.7 113.5
 141 31.4 25.4 38.0

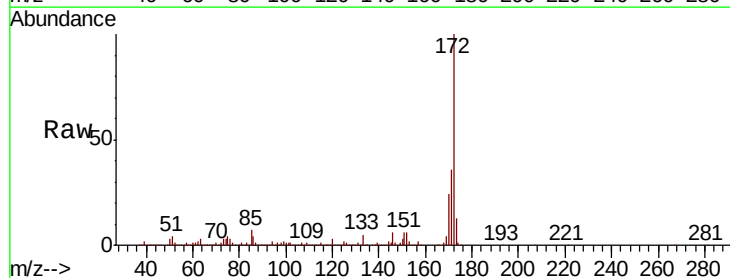


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

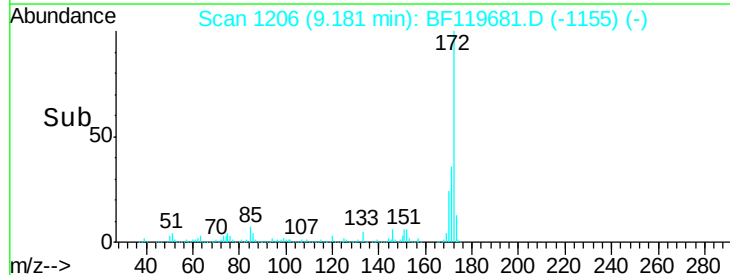
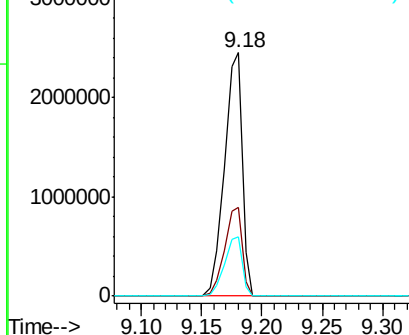


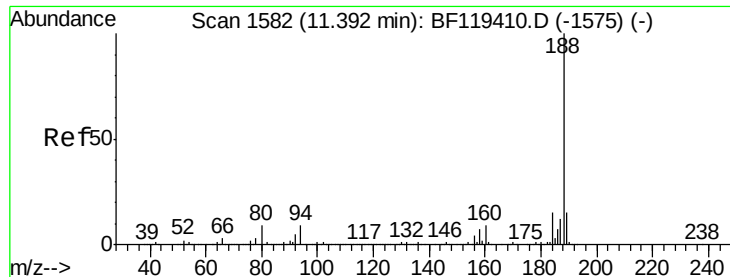
#45
 2-Fluorobiphenyl
 Concen: 86.406 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF119681.D
 Acq: 1 Apr 2020 18:09

Tgt Ion:172 Resp: 2493157
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.5 20.2 30.2



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: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119681.D

Acq: 1 Apr 2020 18:09

Instrument :

BNA_F

ClientSampleId :

TI-658

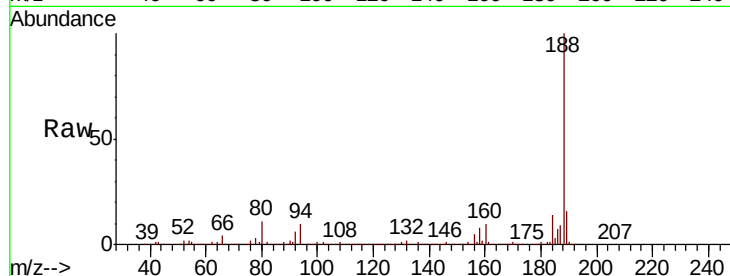
Tot Ion:188 Resp: 855597

Ion Ratio Lower Upper

188 100

94 10.2 7.5 11.3

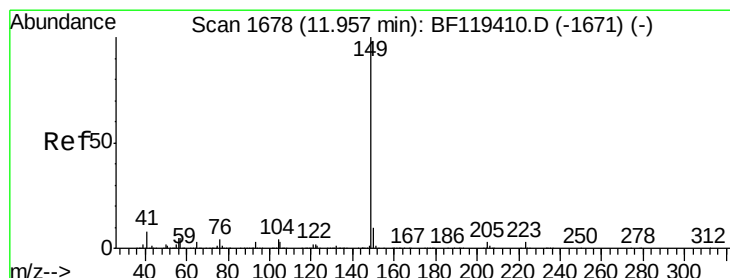
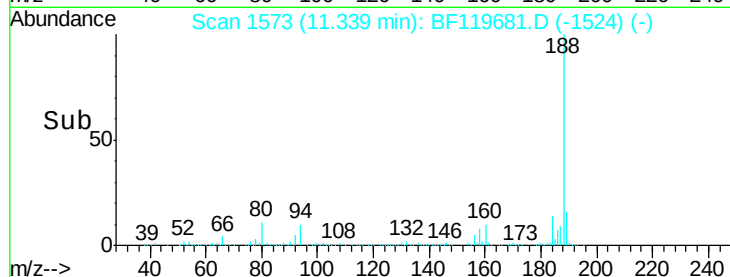
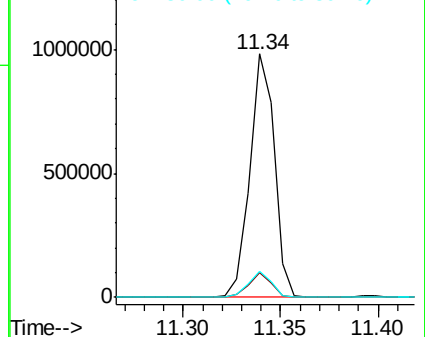
80 10.6 9.0 13.4



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



#74

Di-n-butylphthalate

Concen: 6.095 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BF119681.D

Acq: 1 Apr 2020 18:09

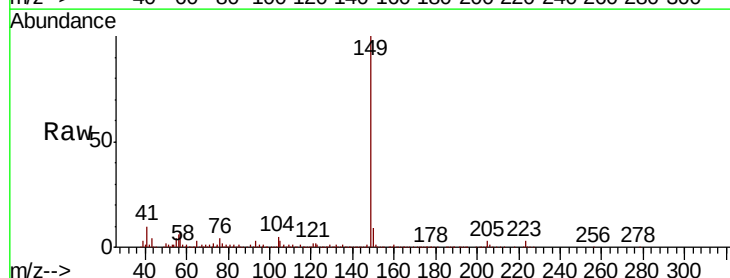
Tgt Ion:149 Resp: 290970

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

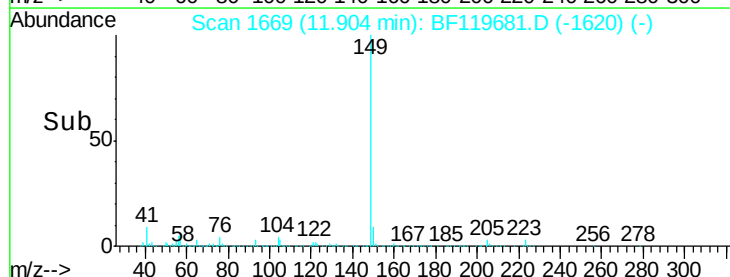
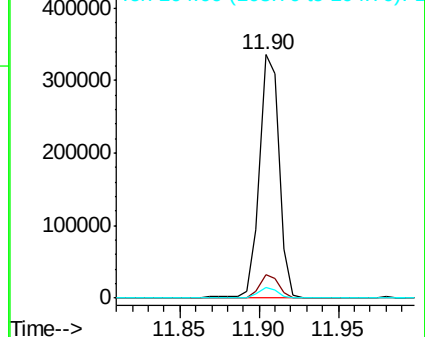
104 4.5 3.6 5.4

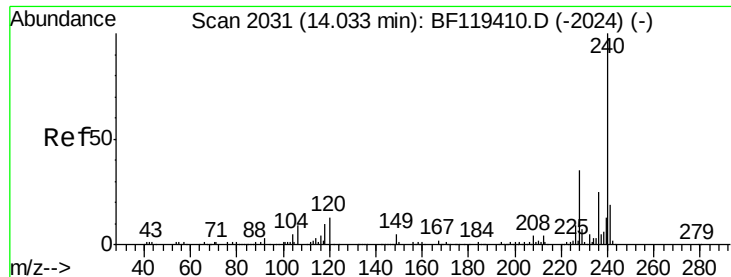


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

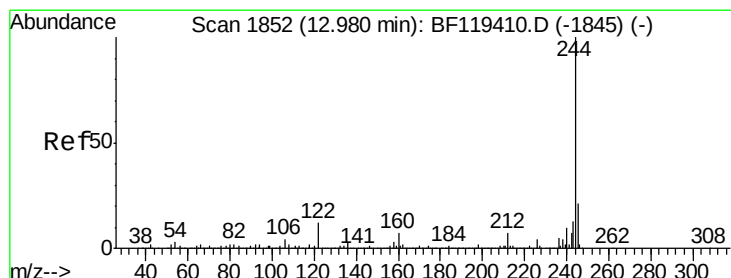
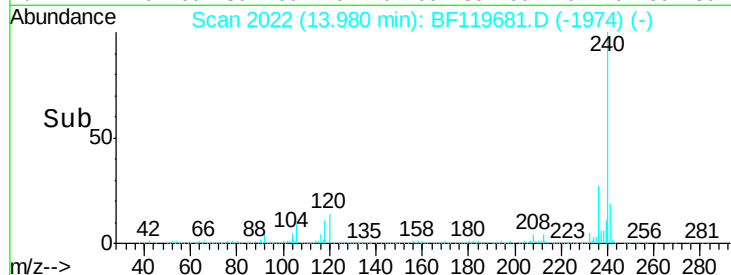
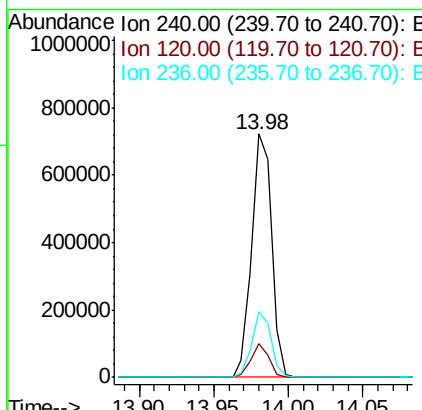
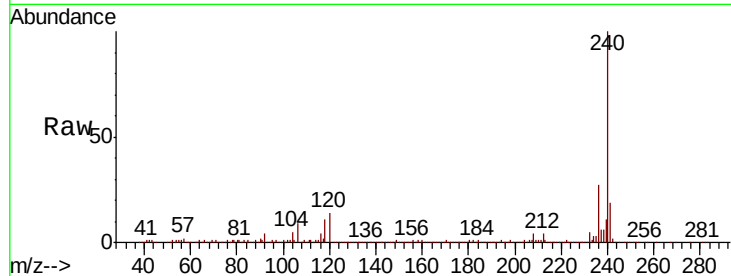




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF119681.D
 Acq: 1 Apr 2020 18:09

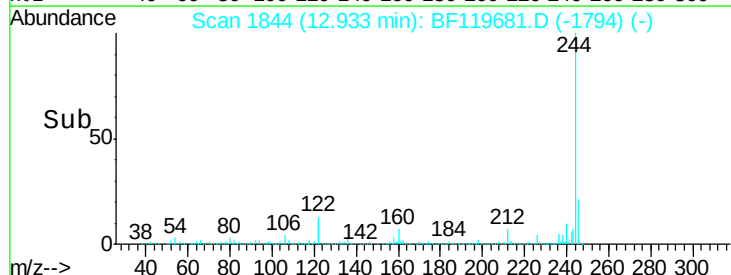
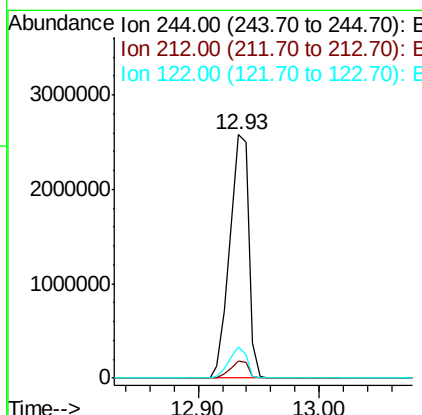
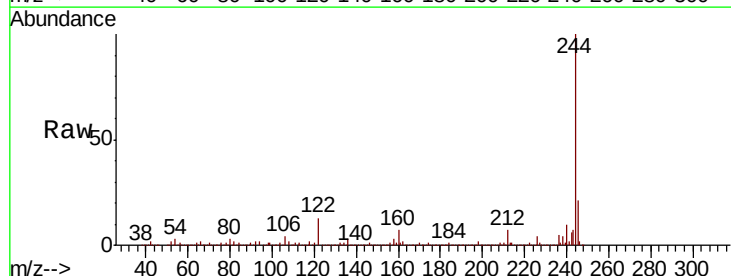
Instrument :
 BNA_F
 ClientSampled :
 TI-658

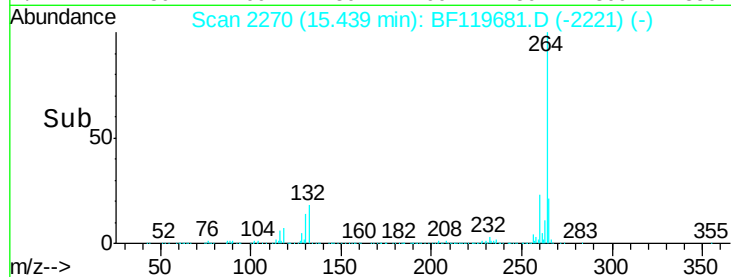
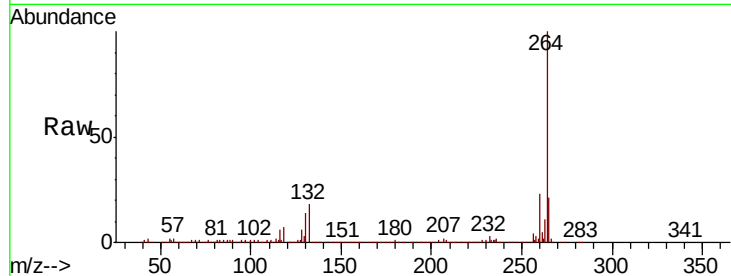
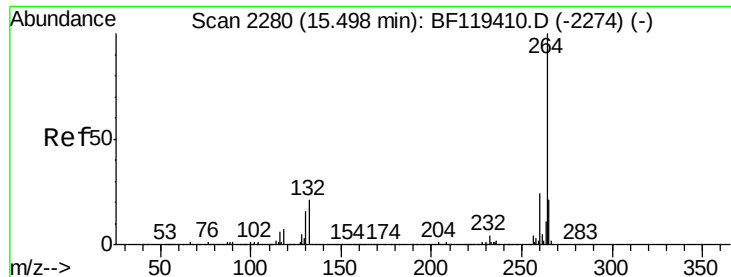
Tot Ion:240 Resp: 665944
 Ion Ratio Lower Upper
 240 100
 120 13.7 10.6 15.8
 236 27.0 20.2 30.2



#79
 Terphenyl-d14
 Concen: 83.703 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF119681.D
 Acq: 1 Apr 2020 18:09

Tgt Ion:244 Resp: 2845084
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.8 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF119681.D
Acq: 1 Apr 2020 18:09

Instrument :
BNA_F
ClientSampleId :
TI-658

Tot Ion: 264 Resp: 558622

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.4	17.7	26.5

