

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119143.D
 Acq On : 28 Feb 2020 21:22
 Operator : CG/JU
 Sample : L1718-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11976

Quant Time: Mar 02 03:22:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

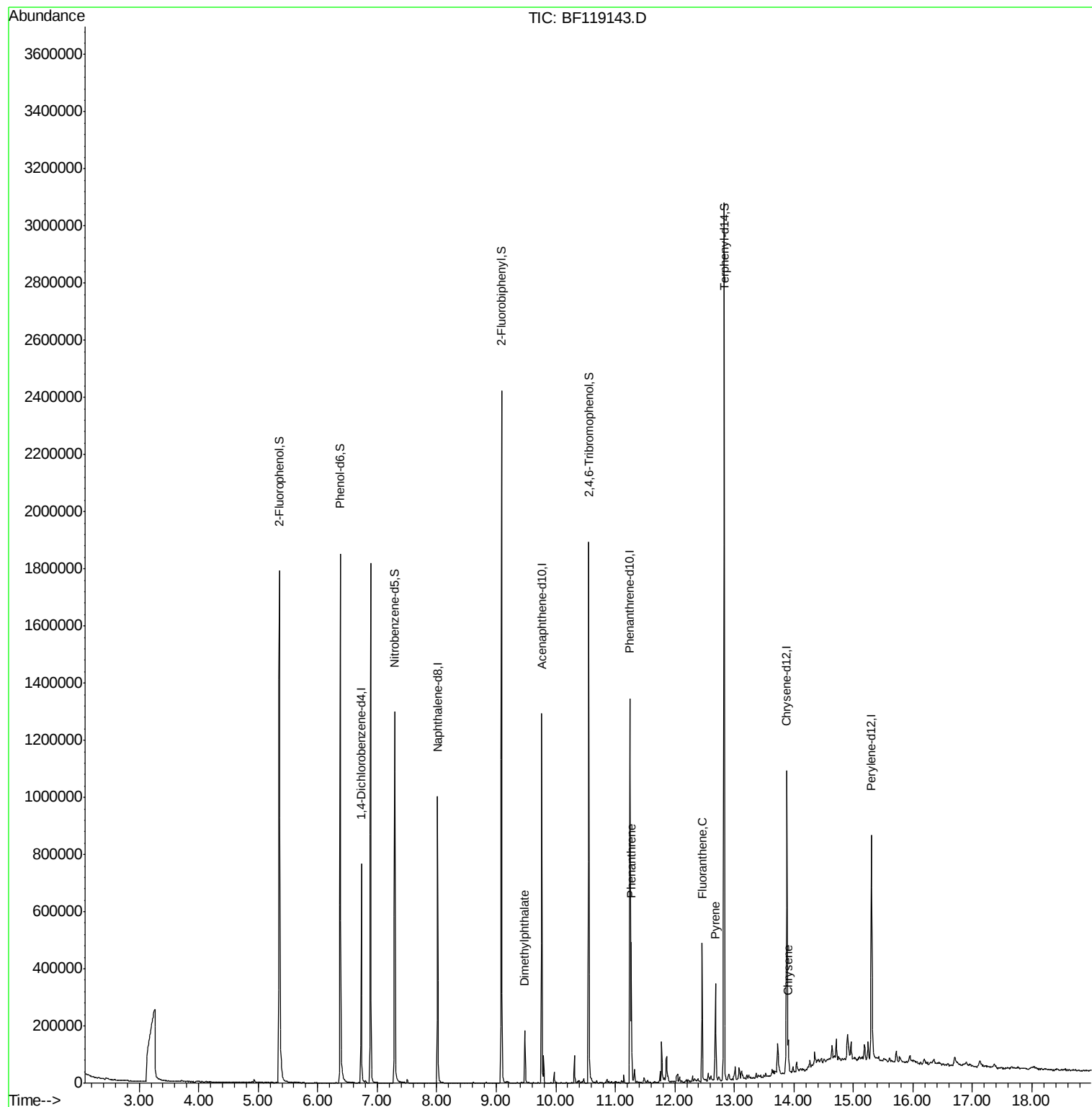
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	123191	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	472778	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	268729	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	507425	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	334795	20.00	ng	-0.02
87) Perylene-d12	15.30	264	359429	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	594097	80.59	ng	-0.01
7) Phenol-d6	6.38	99	717627	80.05	ng	-0.02
23) Nitrobenzene-d5	7.29	82	455087	50.82	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	243564	69.28	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	734770	40.28	ng	-0.02
79) Terphenyl-d14	12.83	244	1014586	52.17	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.48	163	79303	3.859	ng	99
71) Phenanthrene	11.27	178	182174	6.583	ng	96
75) Fluoranthene	12.46	202	184296	6.274	ng	98
78) Pyrene	12.69	202	135862	5.054	ng	98
83) Chrysene	13.91	228	46745	2.057	ng	96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
Data File : BF119143.D
Acq On : 28 Feb 2020 21:22
Operator : CG/JU
Sample : L1718-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11976

Quant Time: Mar 02 03:22:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration



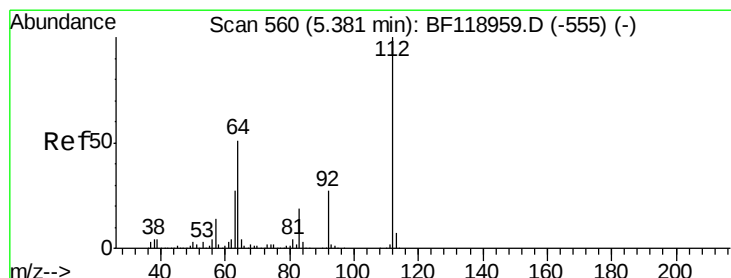
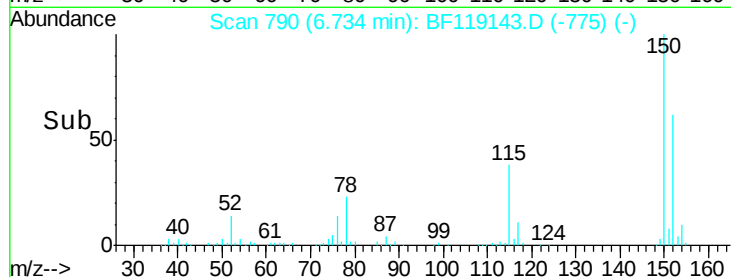
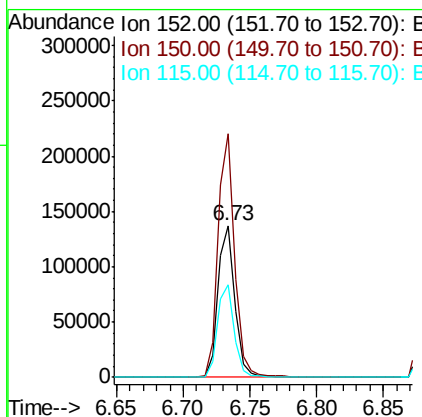
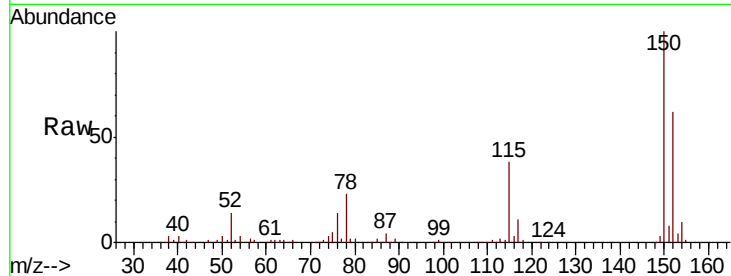


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119143.D
Acq: 28 Feb 2020 21:22

Instrument :
BNA_F
ClientSampleId :
72-11976

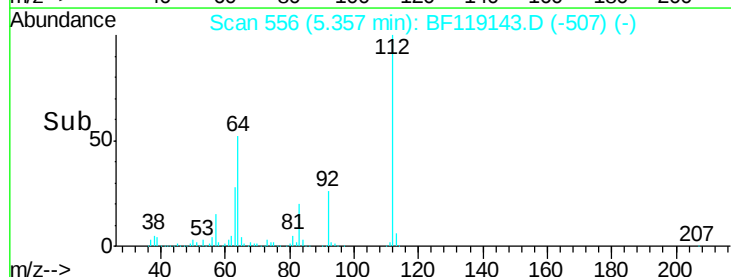
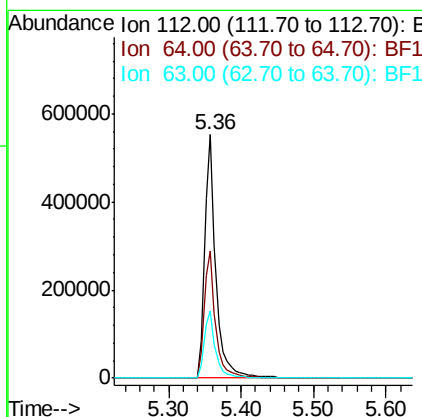
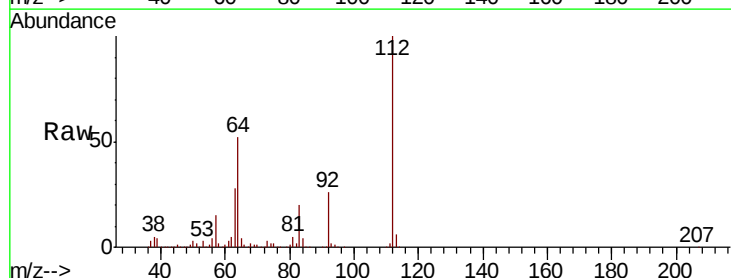
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	123.0	184.6
115	60.8	49.5	74.3

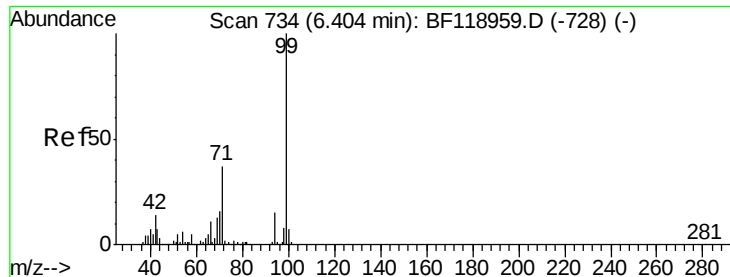


#5

2-Fluorophenol
Concen: 80.594 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119143.D
Acq: 28 Feb 2020 21:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	45.0	67.4
63	27.6	24.2	36.4





#7

Phenol-d6

Concen: 80.047 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119143.D

Acq: 28 Feb 2020 21:22

Instrument :

BNA_F

ClientSampleId :

72-11976

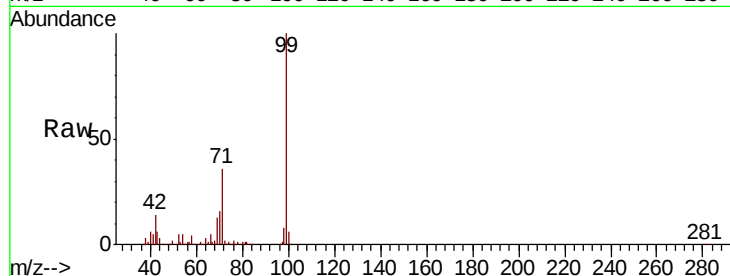
Tot Ion: 99 Resp: 717627

Ion Ratio Lower Upper

99 100

42 13.7 12.6 18.8

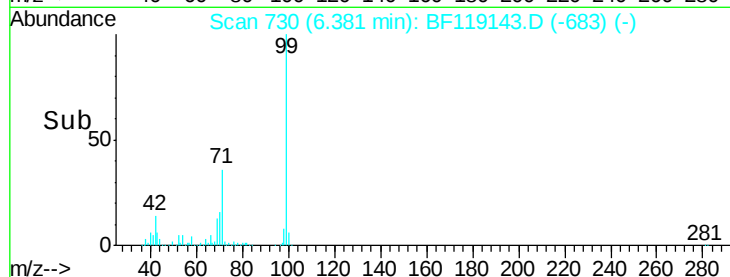
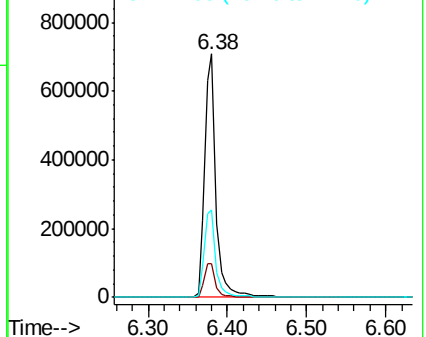
71 36.1 31.0 46.4



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: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119143.D

Acq: 28 Feb 2020 21:22

Tgt Ion: 136 Resp: 472778

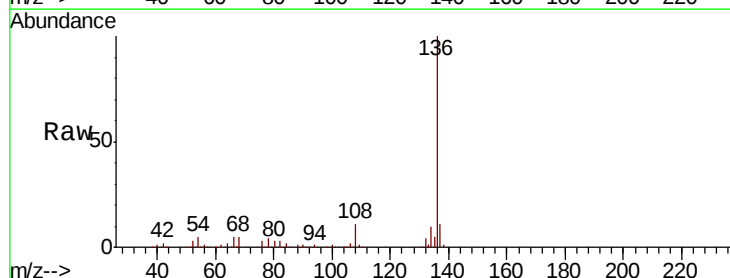
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 4.7 3.8 5.6

68 5.0 3.9 5.9

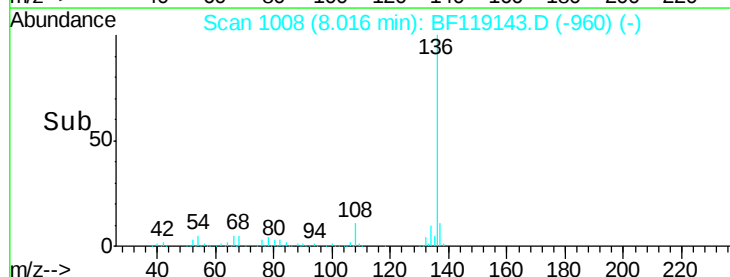
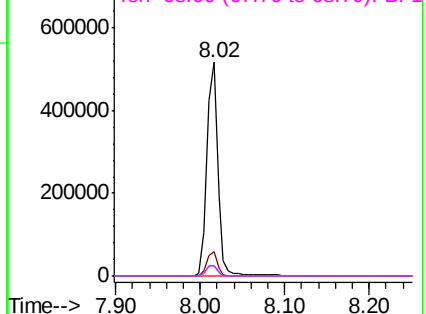


Abundance Ion 136.00 (135.70 to 136.70): E

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

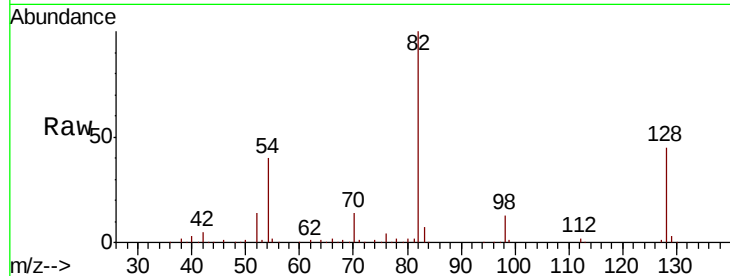




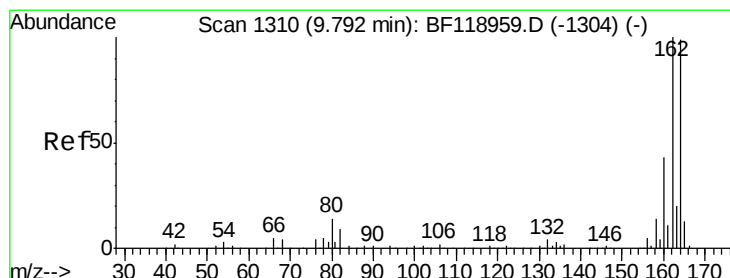
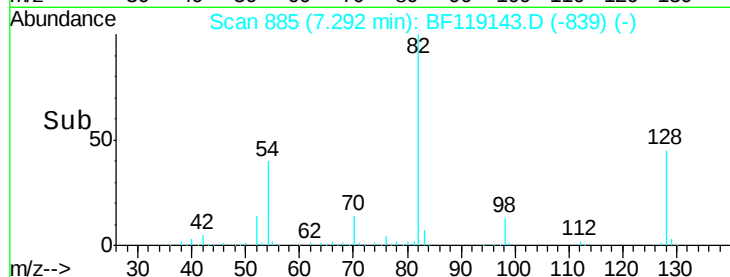
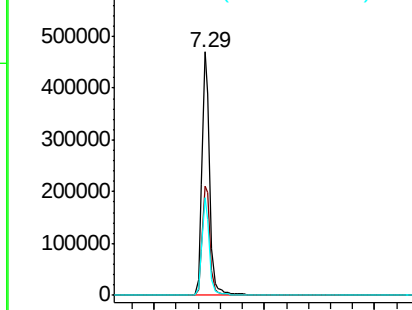
#23
 Nitrobenzene-d5
 Concen: 50.824 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119143.D
 Acq: 28 Feb 2020 21:22

Instrument :
 BNA_F
 ClientSampled :
 72-11976

Tot Ion	82	Resp	455087
Ion Ratio	Lower	Upper	
82	100		
128	44.9	37.9	56.9
54	40.3	33.4	50.2

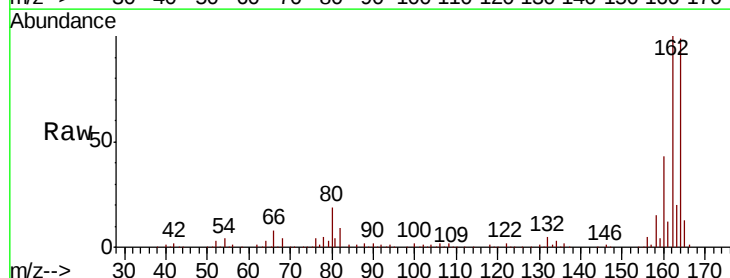


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

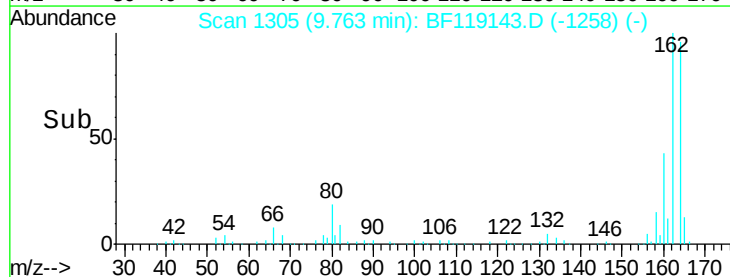
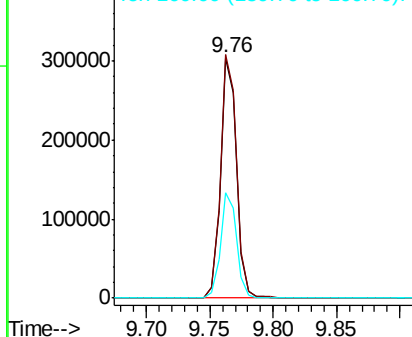


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF119143.D
 Acq: 28 Feb 2020 21:22

Tgt Ion	164	Resp	268729
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.8	122.8
160	44.1	36.0	54.0



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

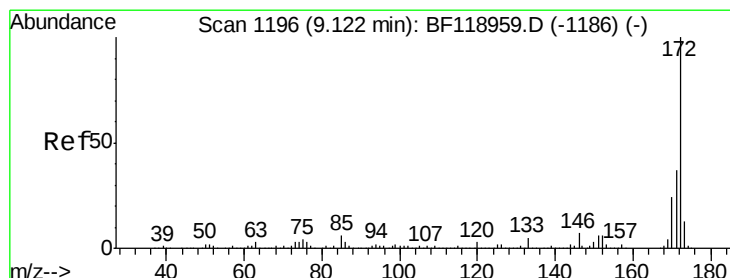
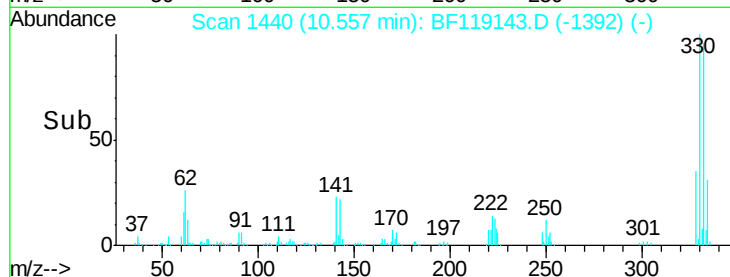
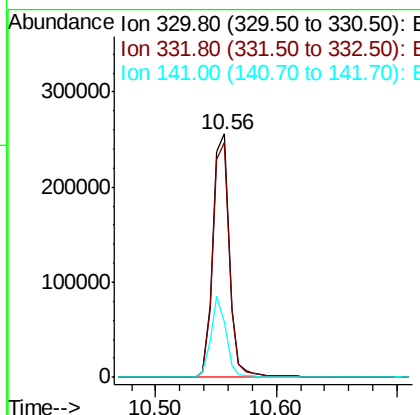
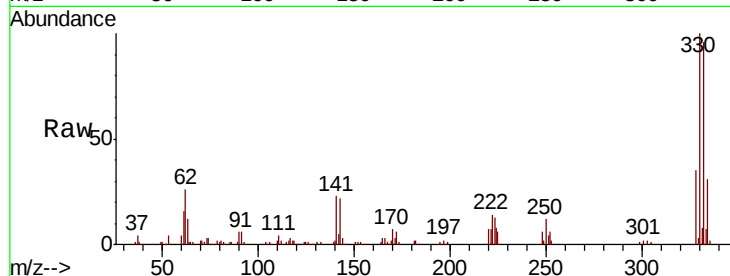




#42
 2,4,6-Tribromophenol
 Concen: 69.284 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119143.D
 Acq: 28 Feb 2020 21:22

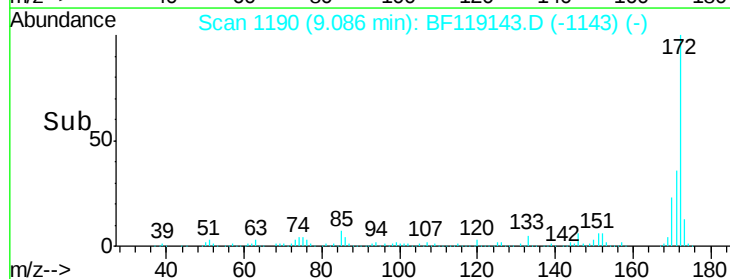
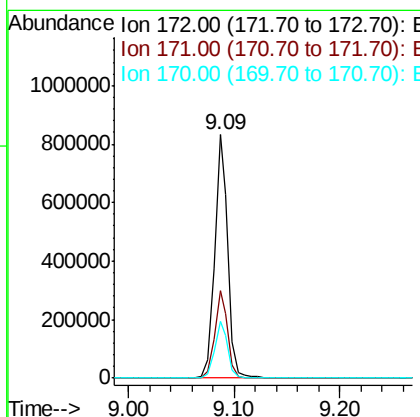
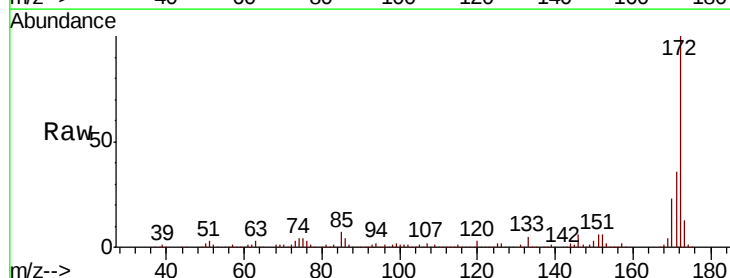
Instrument :
 BNA_F
 ClientSampleId :
 72-11976

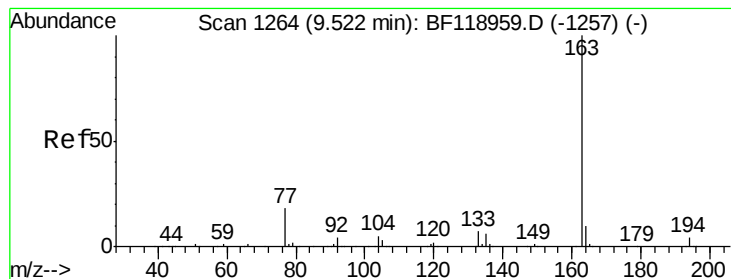
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	30.5	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 40.280 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119143.D
 Acq: 28 Feb 2020 21:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.6	45.8
170	23.3	20.2	30.2





#50

Dimethylphthalate

Concen: 3.859 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF119143.D

Acq: 28 Feb 2020 21:22

Instrument :

BNA_F

ClientSampleId :

72-11976

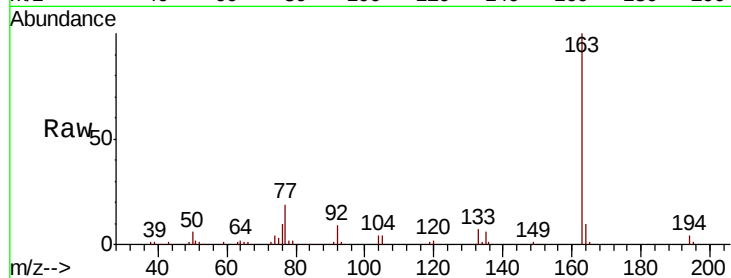
Tot Ion:163 Resp: 79303

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

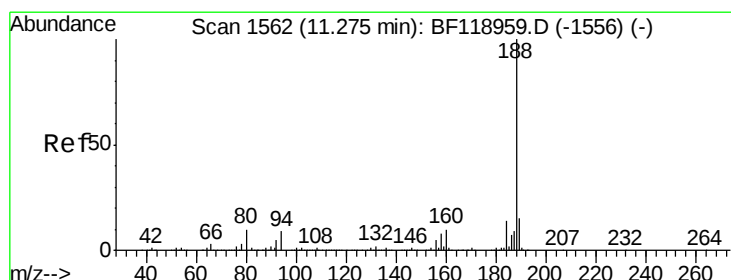
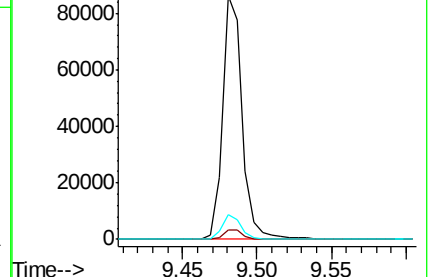
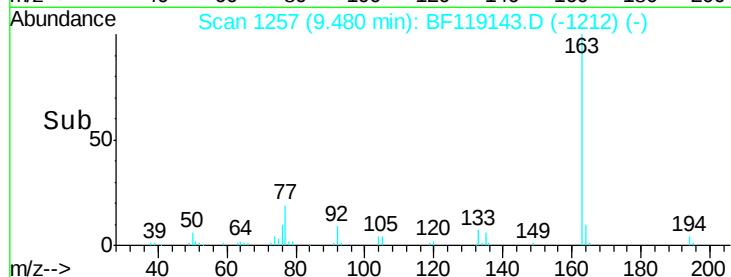
164 9.9 8.4 12.6



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: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119143.D

Acq: 28 Feb 2020 21:22

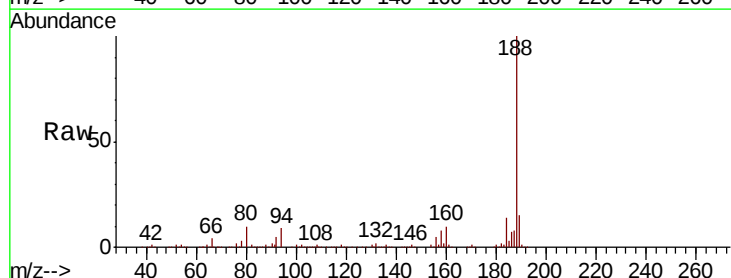
Tgt Ion:188 Resp: 507425

Ion Ratio Lower Upper

188 100

94 9.2 7.1 10.7

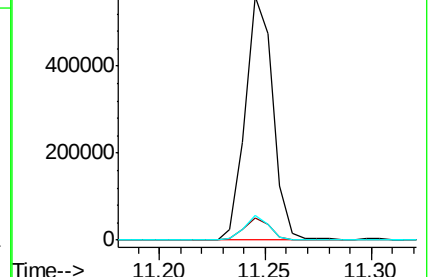
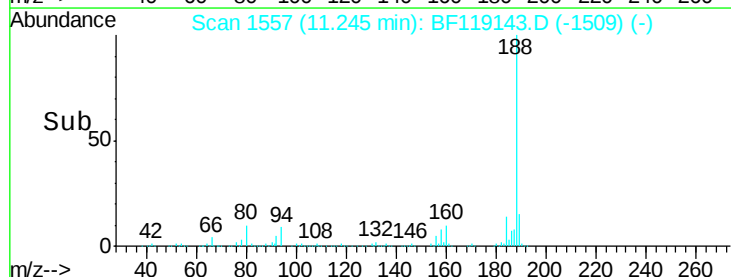
80 10.2 7.8 11.8

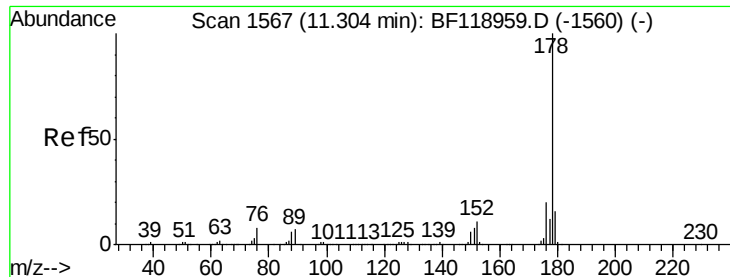


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

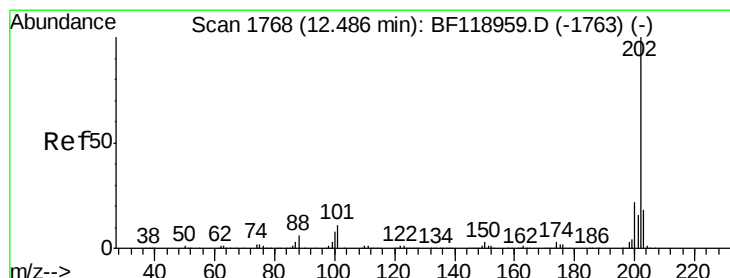
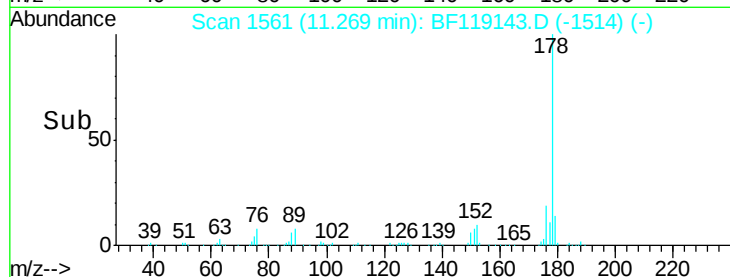
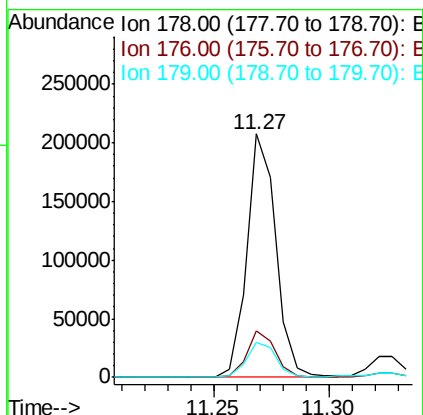
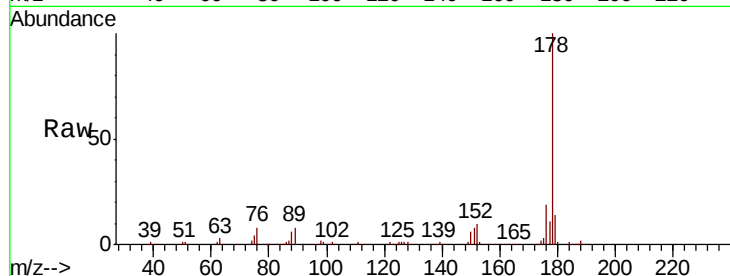




#71
Phenanthrene
Concen: 6.583 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF119143.D
Acq: 28 Feb 2020 21:22

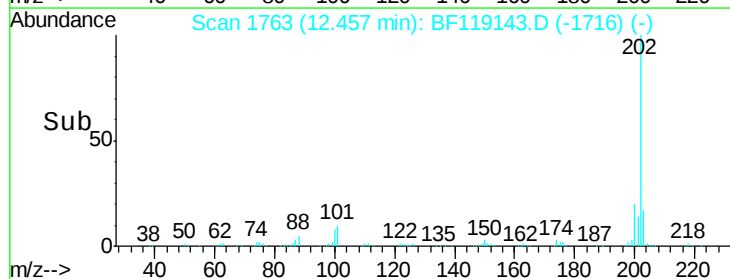
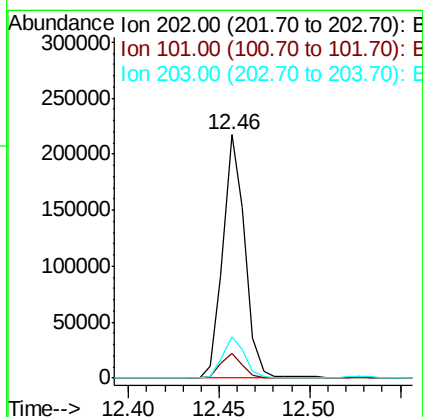
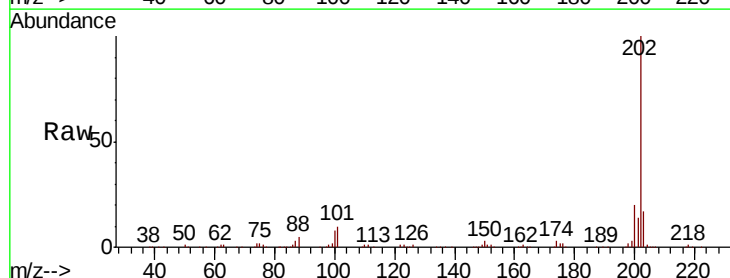
Instrument :
BNA_F
ClientSampleId :
72-11976

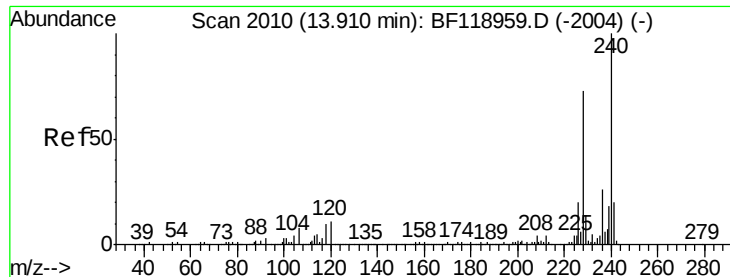
Tot Ion:178 Resp: 182174
Ion Ratio Lower Upper
178 100
176 18.9 16.5 24.7
179 14.4 13.0 19.6



#75
Fluoranthene
Concen: 6.274 ng
RT: 12.46 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BF119143.D
Acq: 28 Feb 2020 21:22

Tgt Ion:202 Resp: 184296
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.3
203 17.2 0.0 38.4

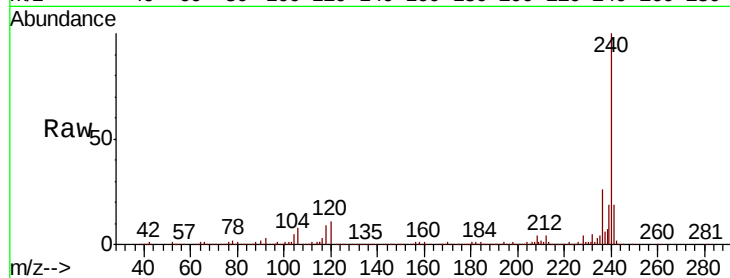




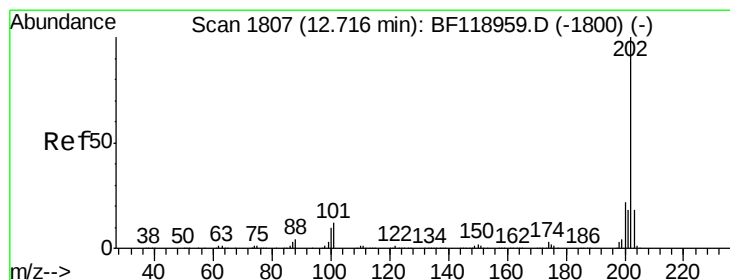
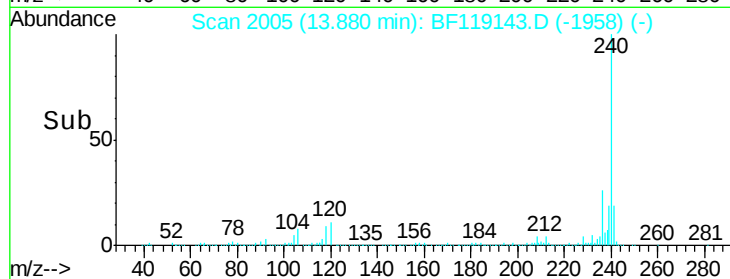
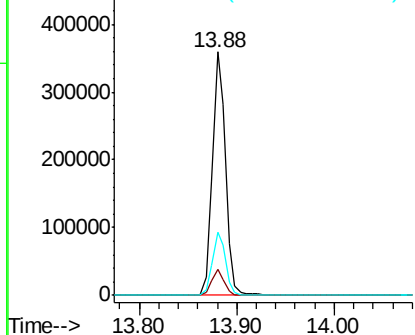
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119143.D
Acq: 28 Feb 2020 21:22

Instrument :
BNA_F
ClientSampleId :
72-11976

Tot Ion:240 Resp: 334795
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 26.1 21.0 31.4

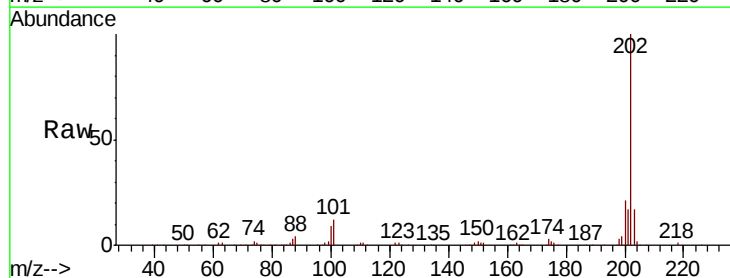


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

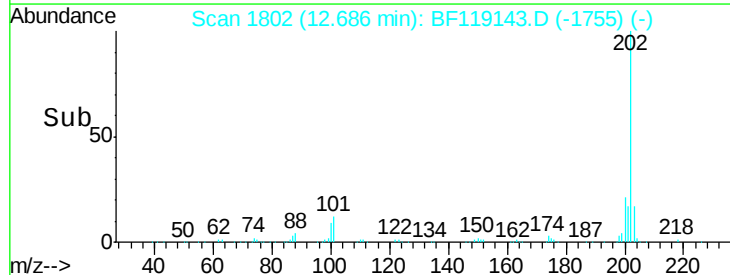
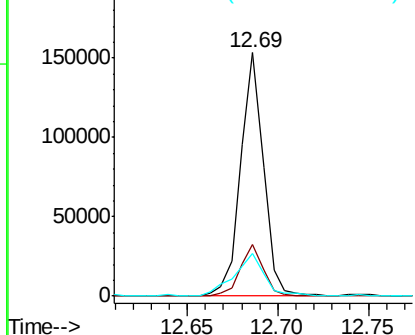


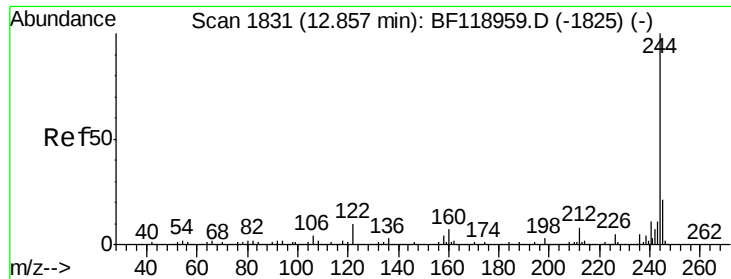
#78
Pyrene
Concen: 5.054 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF119143.D
Acq: 28 Feb 2020 21:22

Tgt Ion:202 Resp: 135862
Ion Ratio Lower Upper
202 100
200 21.4 18.0 27.0
203 17.4 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

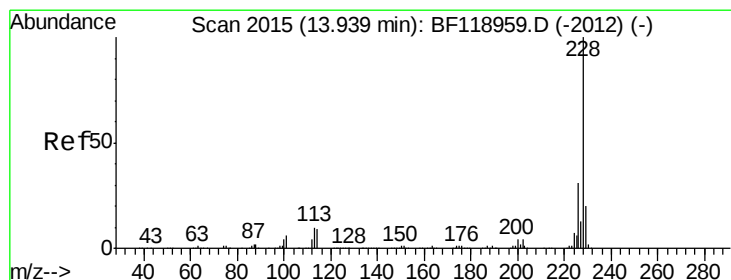
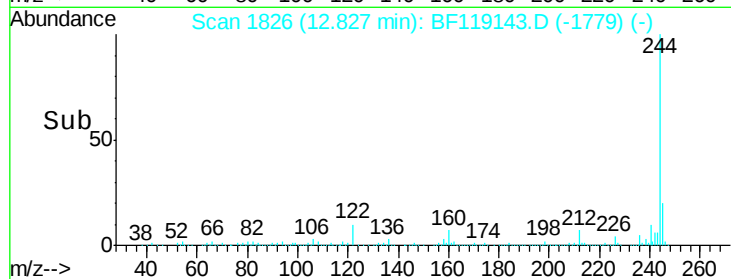
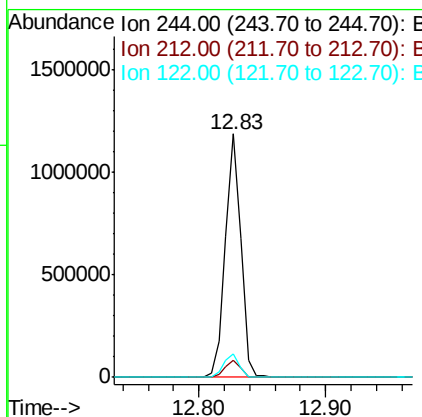
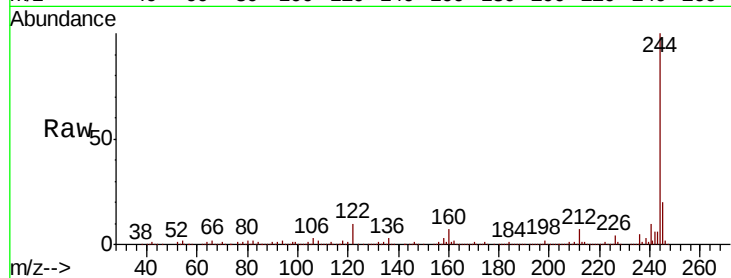




#79
 Terphenyl-d14
 Concen: 52.175 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119143.D
 Acq: 28 Feb 2020 21:22

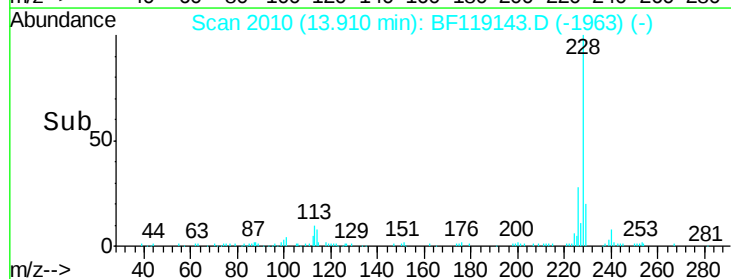
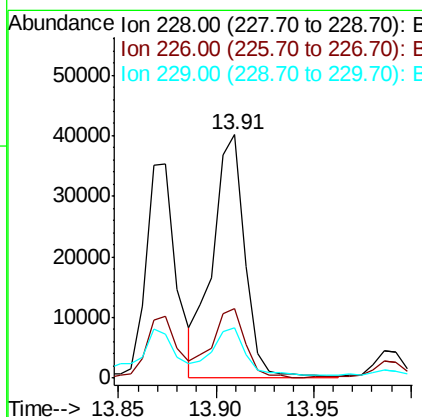
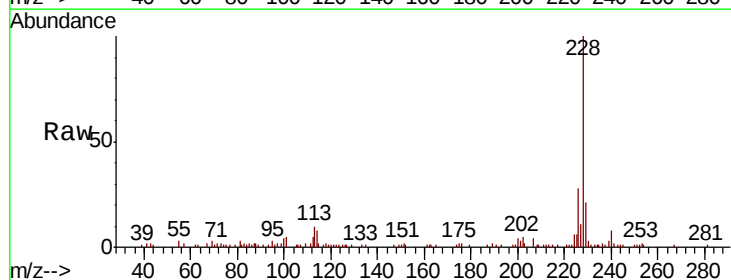
Instrument :
 BNA_F
 ClientSampleId :
 72-11976

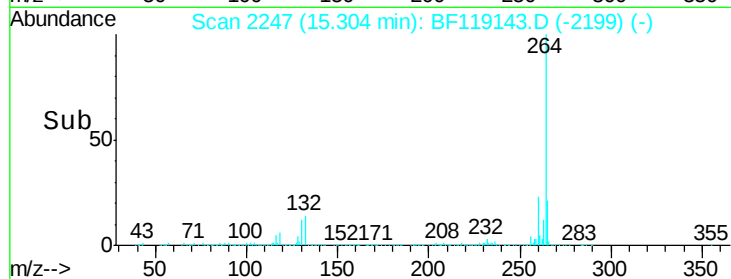
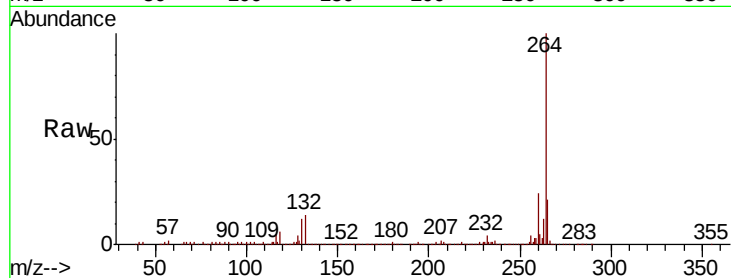
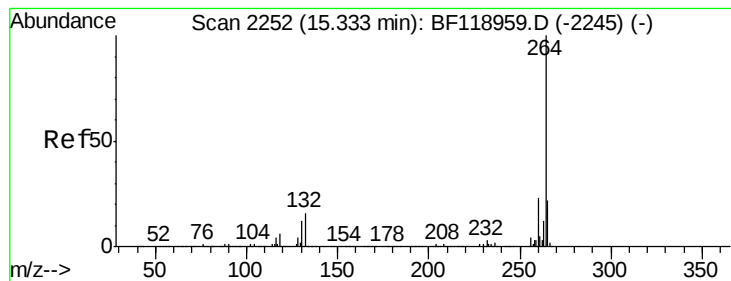
Tot Ion:244 Resp: 1014586
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.6 10.0
 122 9.7 8.2 12.2



#83
 Chrysene
 Concen: 2.057 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BF119143.D
 Acq: 28 Feb 2020 21:22

Tgt Ion:228 Resp: 46745
 Ion Ratio Lower Upper
 228 100
 226 28.4 25.1 37.7
 229 20.7 16.3 24.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BF119143.D

Acq: 28 Feb 2020 21:22

Instrument :

BNA_F

ClientSampleId :

72-11976

Tot Ion:264 Resp: 359429

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.2 17.7 26.5

