

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115574.D
 Acq On : 15 Jul 2019 23:13
 Operator : HP/JU
 Sample : K3620-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-A

Quant Time: Jul 16 05:20:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

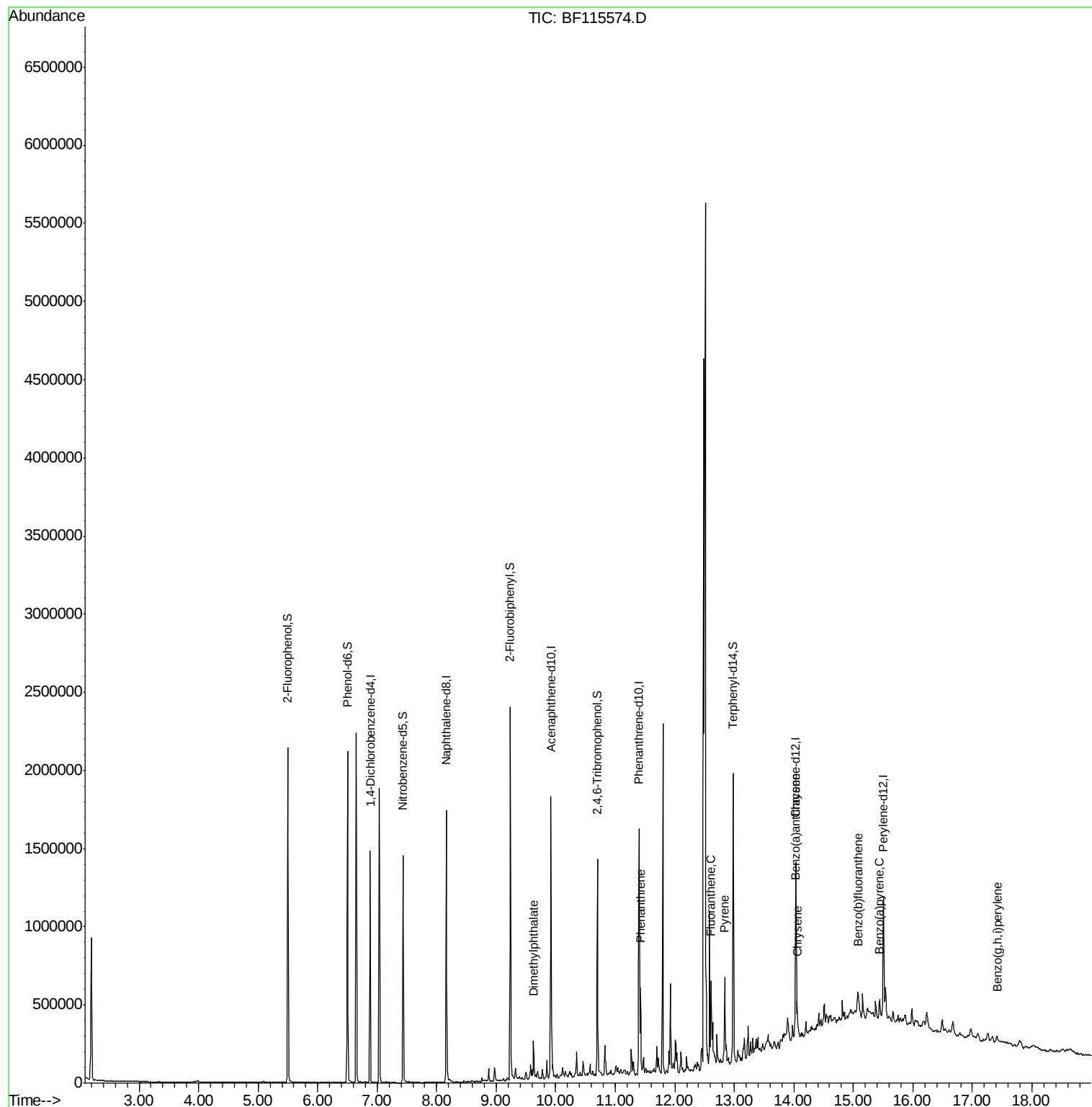
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	205153	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	752742	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	353843	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	583917	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	363986	20.00	ng	-0.02
87) Perylene-d12	15.50	264	401697	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	602537	48.04	ng	0.00
7) Phenol-d6	6.50	99	789535	49.61	ng	-0.01
23) Nitrobenzene-d5	7.43	82	471013	36.38	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	187707	45.45	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	844845	41.79	ng	-0.01
79) Terphenyl-d14	12.98	244	613734	31.11	ng	-0.02
Target Compounds				Qvalue		
50) Dimethylphthalate	9.63	163	98893	3.715	ng	99
71) Phenanthrene	11.42	178	186308	6.225	ng	96
75) Fluoranthene	12.61	202	182163	5.759	ng	99
78) Pyrene	12.84	202	221088	7.169	ng	97
81) Benzo(a)anthracene	14.02	228	89634	3.738	ng	98
83) Chrysene	14.06	228	95245	3.957	ng	96
88) Benzo(b)fluoranthene	15.07	252	84016m	3.248	ng	
90) Benzo(a)pyrene	15.44	252	70130	3.155	ng	# 95
92) Benzo(g,h,i)perylene	17.42	276	39970	2.053	ng	# 93

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115574.D
Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-A

Quant Time: Jul 16 05:20:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF115574.D

Acq: 15 Jul 2019 23:13

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-A

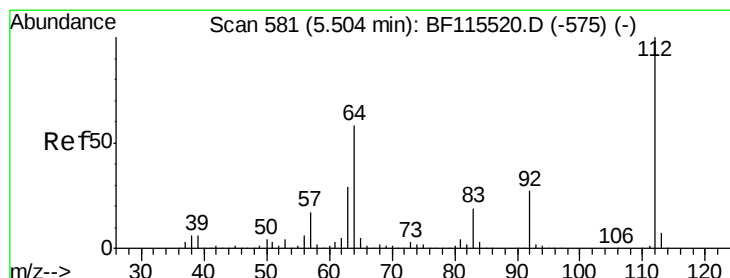
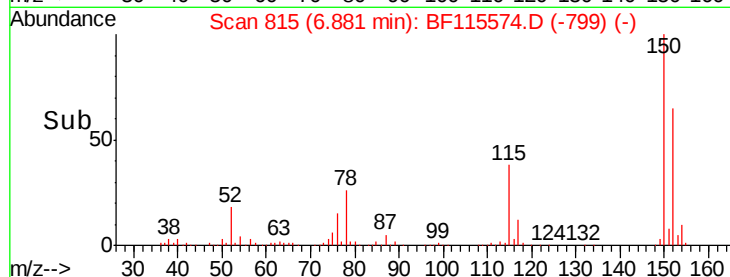
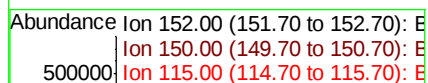
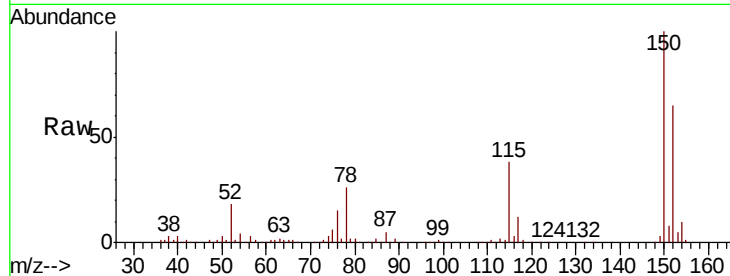
Tot Ion:152 Resp: 205153

Ion Ratio Lower Upper

152 100

150 154.7 129.7 194.5

115 59.5 48.2 72.4



#5

2-Fluorophenol

Concen: 48.041 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF115574.D

Acq: 15 Jul 2019 23:13

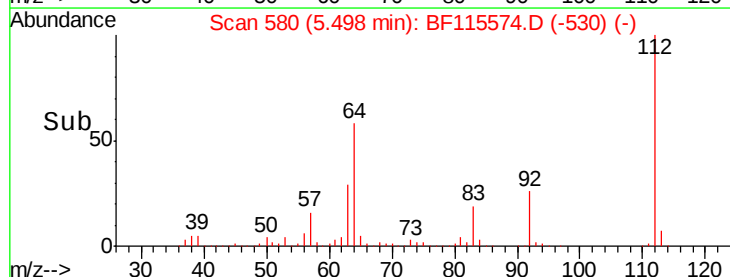
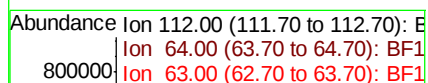
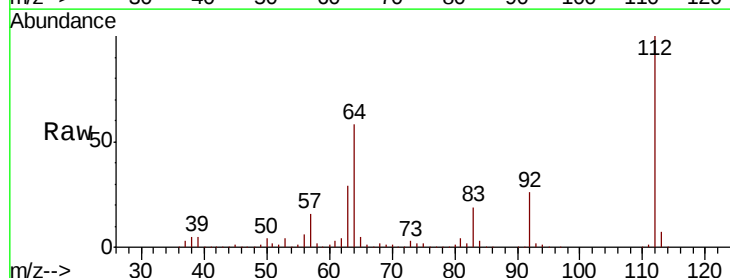
Tgt Ion:112 Resp: 602537

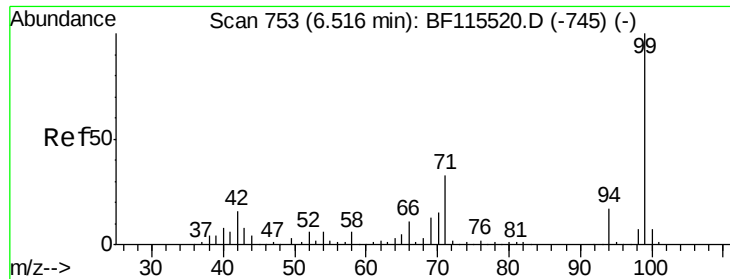
Ion Ratio Lower Upper

112 100

64 57.7 46.8 70.2

63 28.8 24.1 36.1





#7

Phenol-d6

Concen: 49.611 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115574.D

Acq: 15 Jul 2019 23:13

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-A

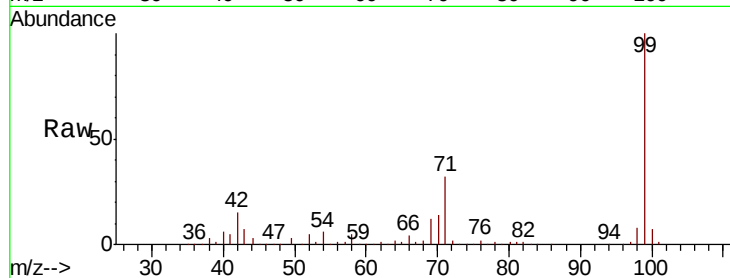
Tot Ion: 99 Resp: 789535

Ion Ratio Lower Upper

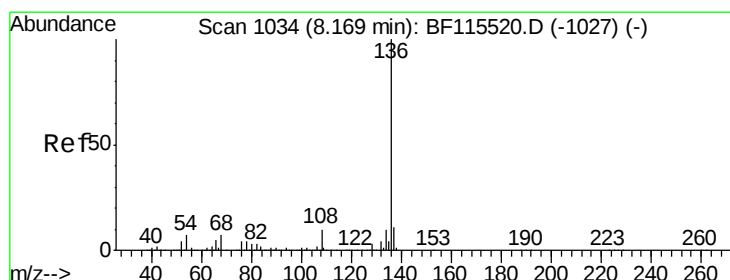
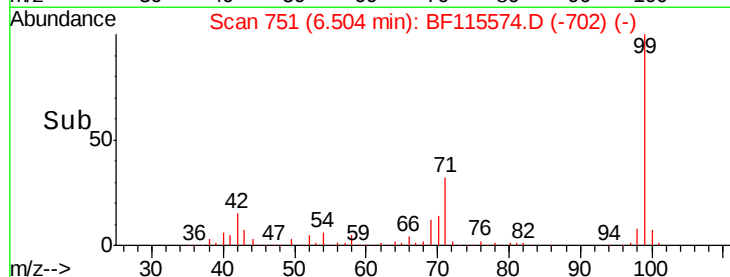
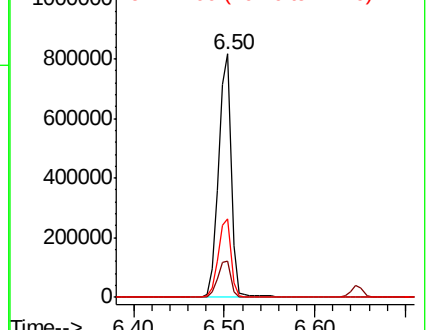
99 100

42 14.7 13.6 20.4

71 32.2 28.5 42.7



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115574.D

Acq: 15 Jul 2019 23:13

Tgt Ion: 136 Resp: 752742

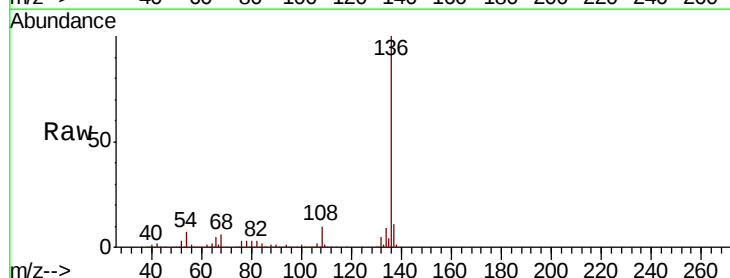
Ion Ratio Lower Upper

136 100

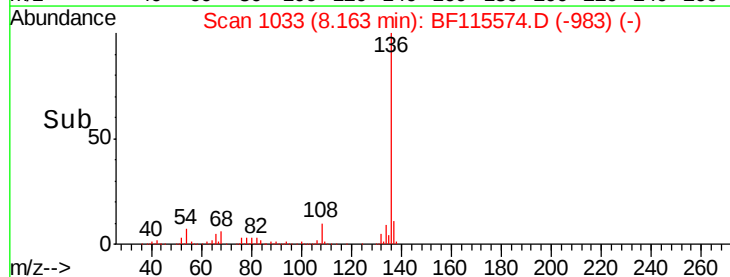
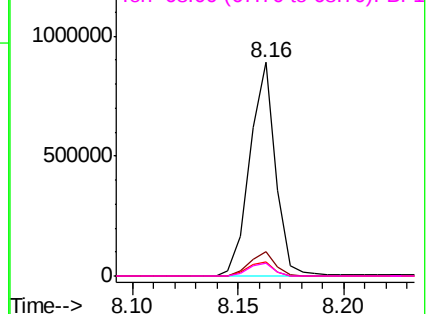
137 11.2 9.0 13.4

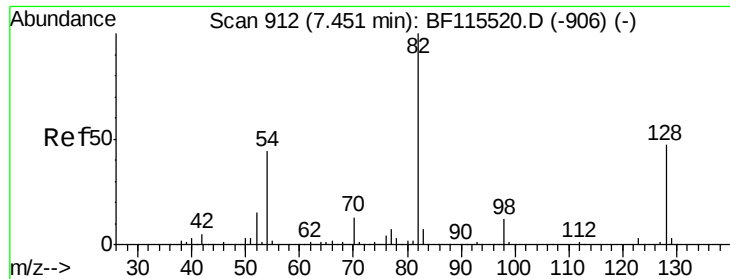
54 6.7 5.6 8.4

68 6.0 5.0 7.6



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

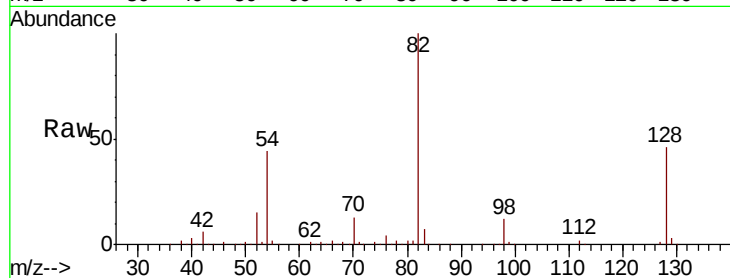




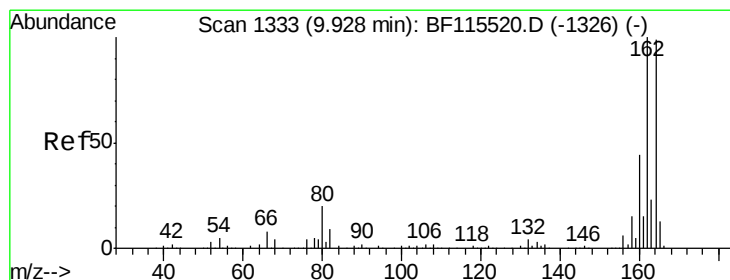
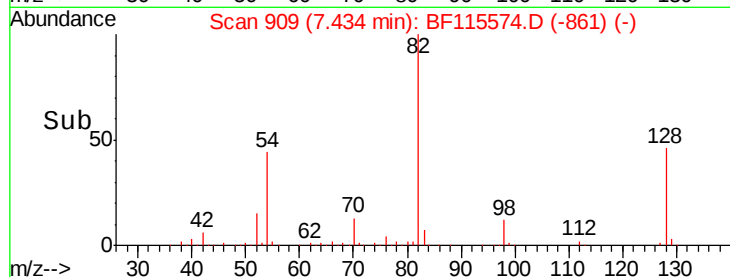
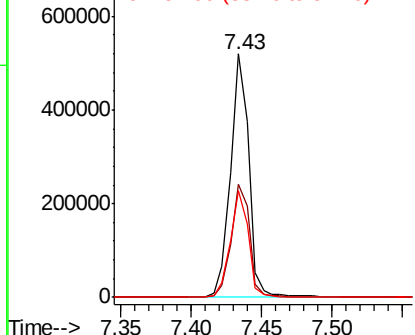
#23
Nitrobenzene-d5
Concen: 36.384 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-A

Tot Ion: 82 Resp: 471013
Ion Ratio Lower Upper
82 100
128 46.5 38.6 57.8
54 43.8 35.6 53.4

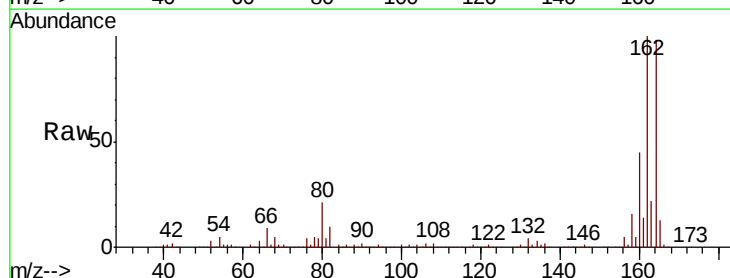


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

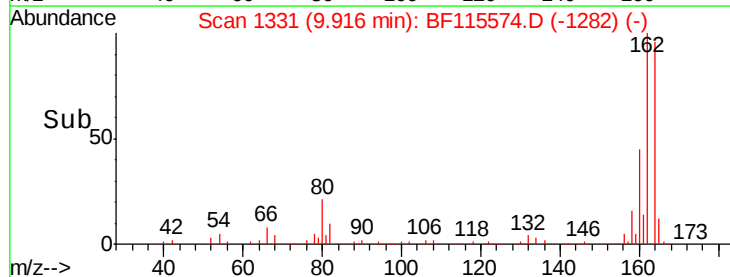
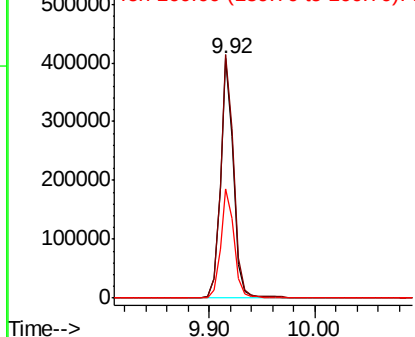


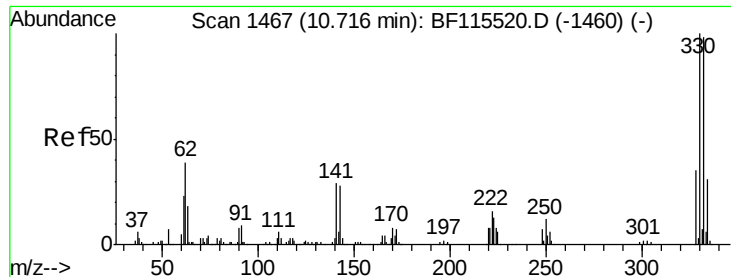
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:164 Resp: 353843
Ion Ratio Lower Upper
164 100
162 101.7 82.9 124.3
160 45.7 36.8 55.2



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

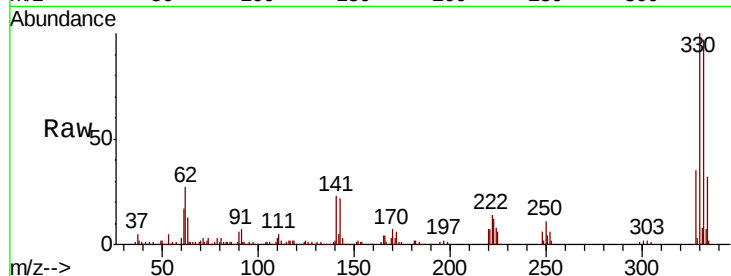




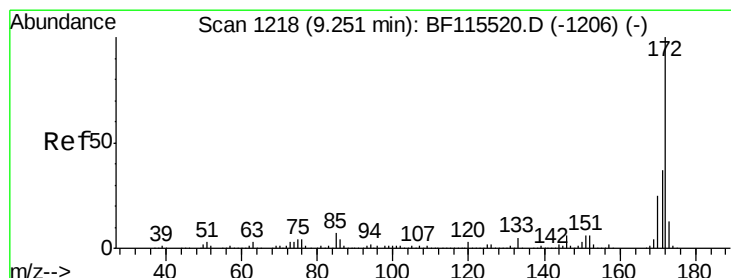
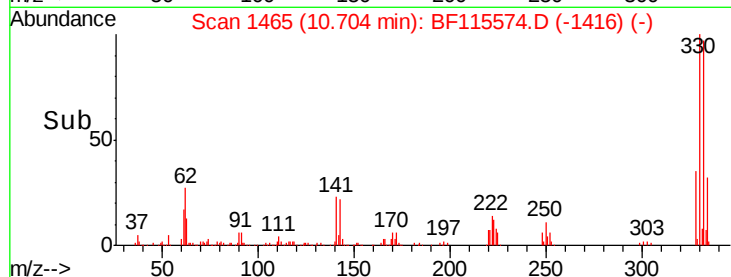
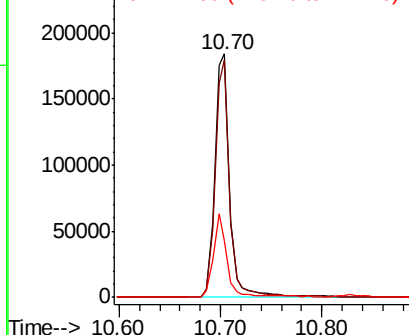
#42
 2,4,6-Tribromophenol
 Concen: 45.447 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115574.D
 Acq: 15 Jul 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-A

Tot Ion:330 Resp: 187707
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 30.5 22.4 33.6

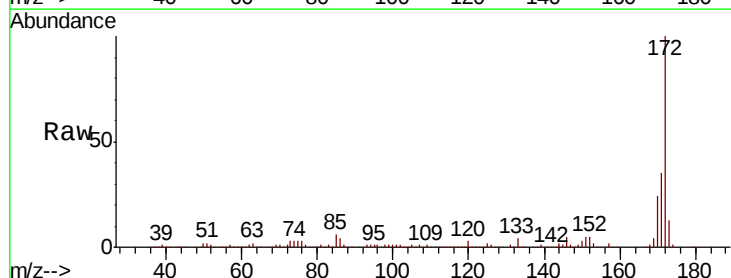


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

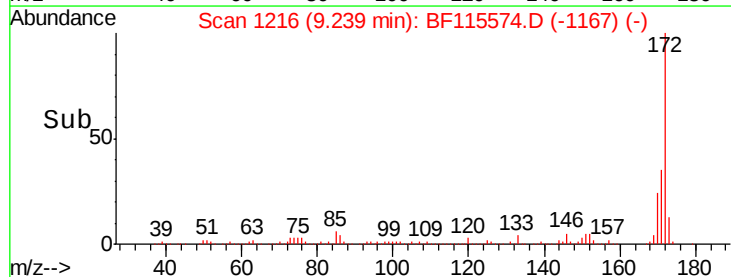
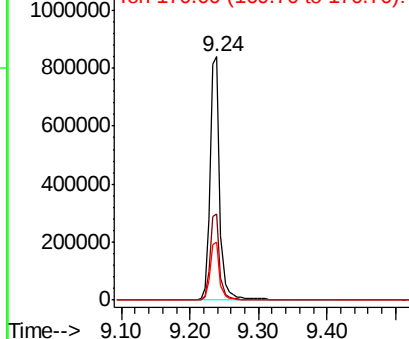


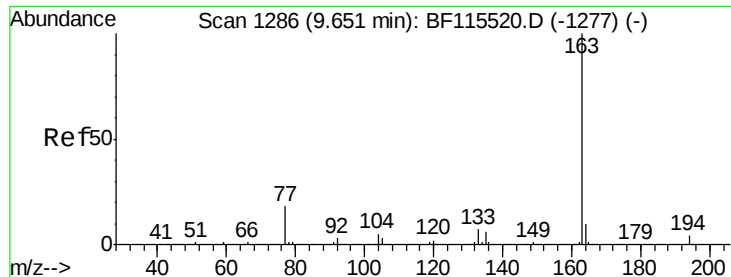
#45
 2-Fluorobiphenyl
 Concen: 41.790 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115574.D
 Acq: 15 Jul 2019 23:13

Tgt Ion:172 Resp: 844845
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.6 46.0
 170 23.8 20.5 30.7



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

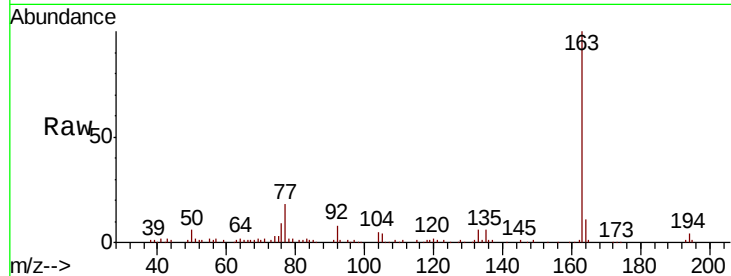




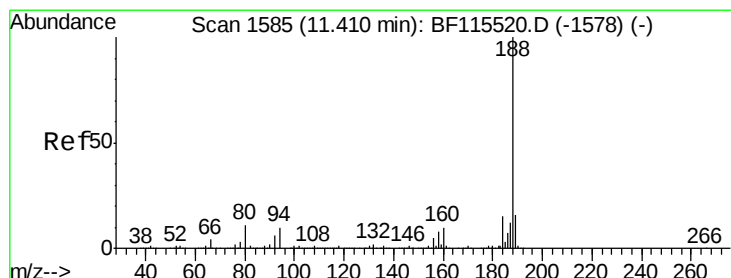
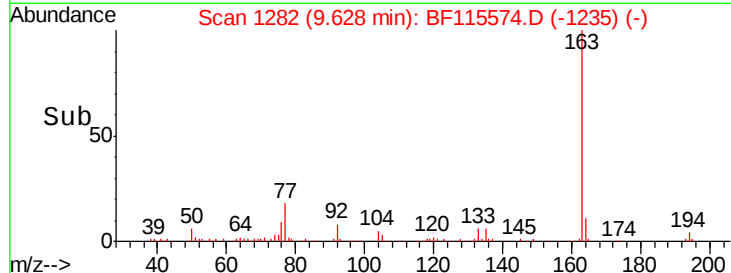
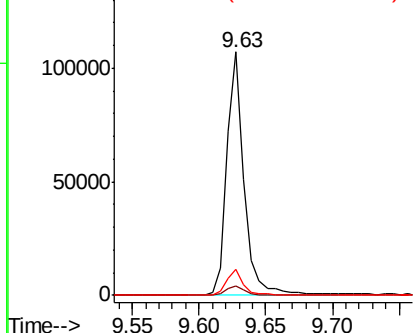
#50
Dimethylphthalate
Concen: 3.715 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-A

Tot Ion:163 Resp: 98893
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.7 8.7 13.1

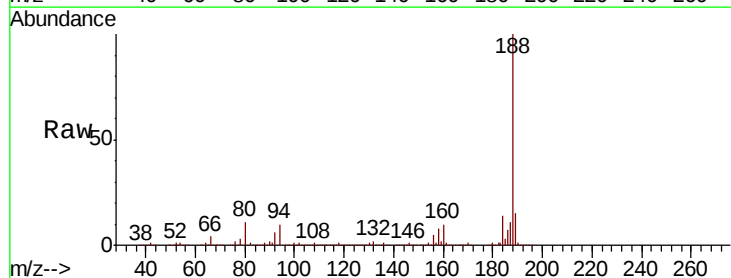


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

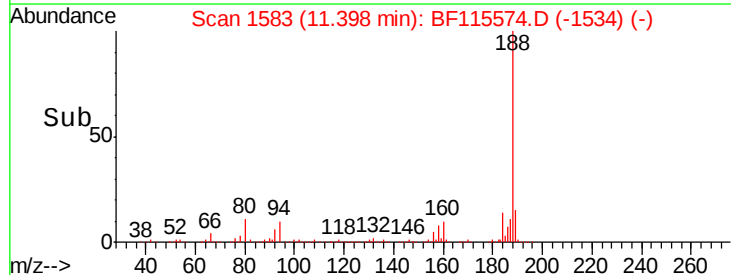
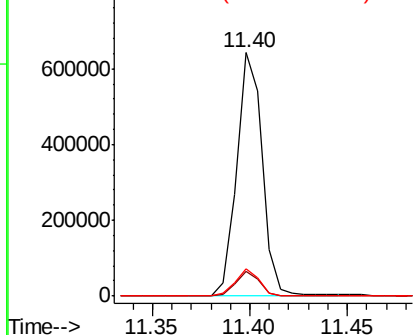


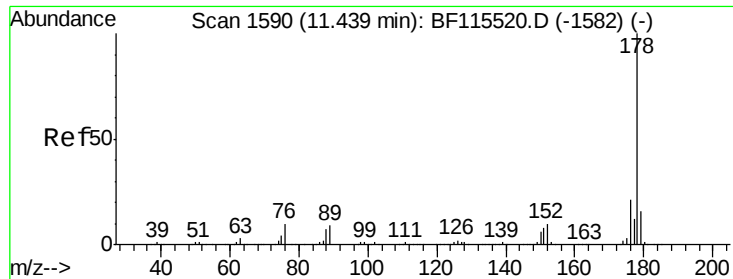
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:188 Resp: 583917
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 11.1 8.6 13.0



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

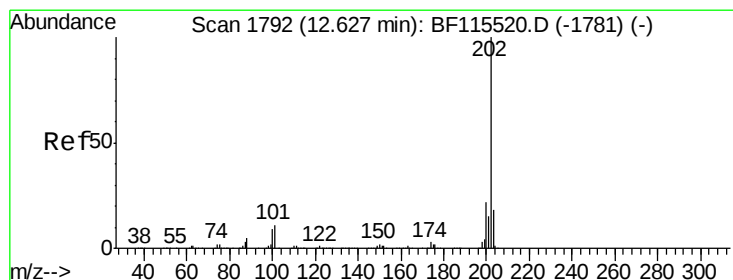
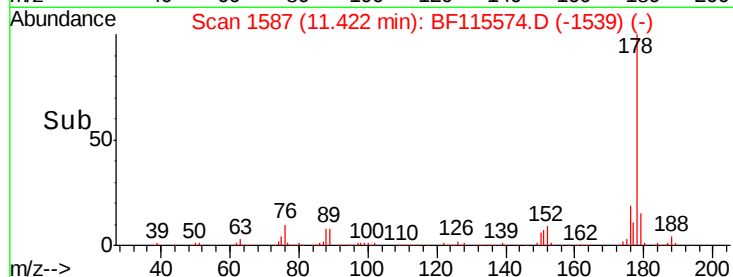
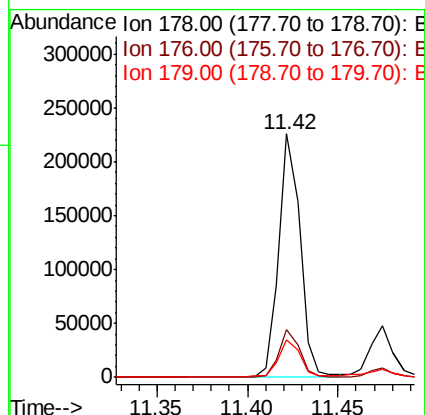
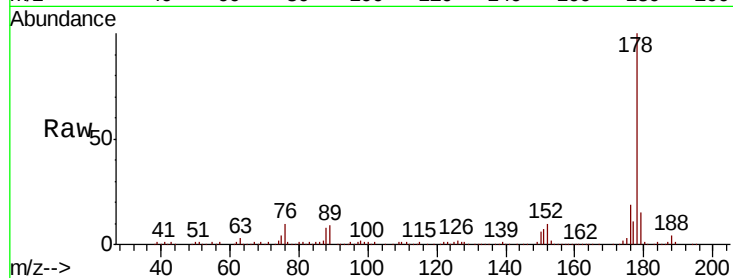




#71
Phenanthrene
Concen: 6.225 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

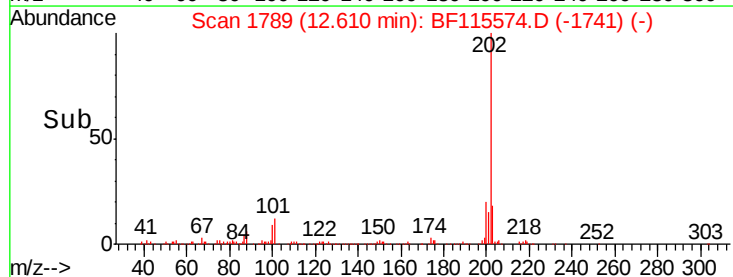
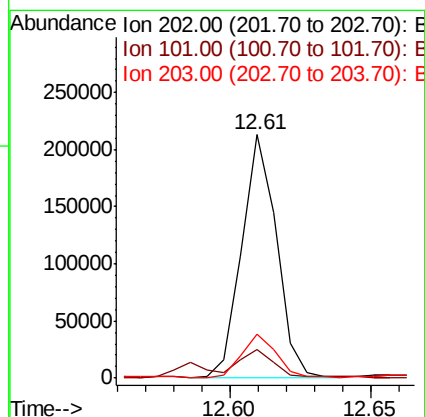
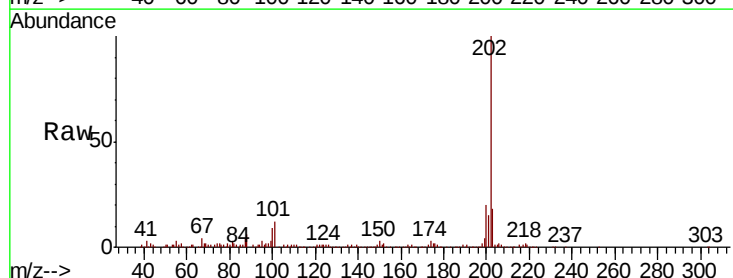
Instrument :
BNA_F
ClientSampleId :
CL-01-071219-A

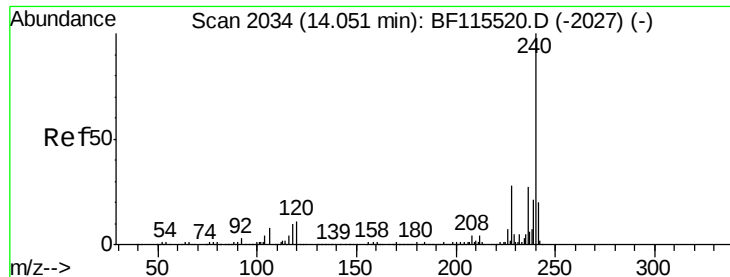
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.2	25.8
179	15.4	13.5	20.3



#75
Fluoranthene
Concen: 5.759 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.4
203	17.9	0.0	38.1

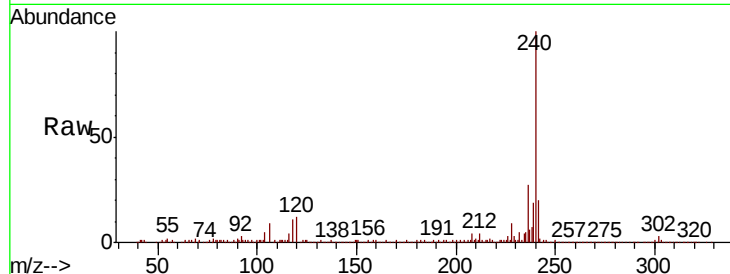




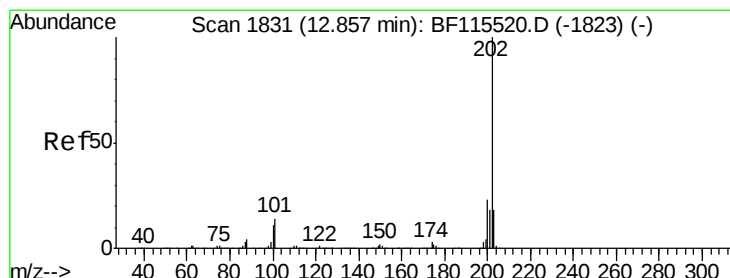
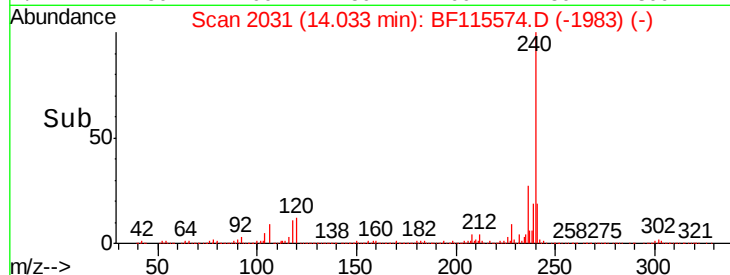
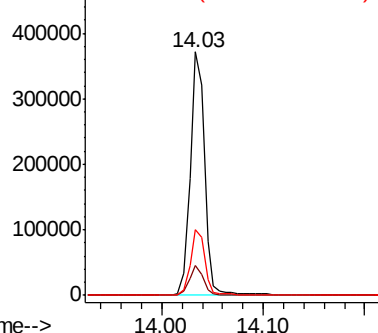
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.6	13.0
236	26.8	21.3	31.9

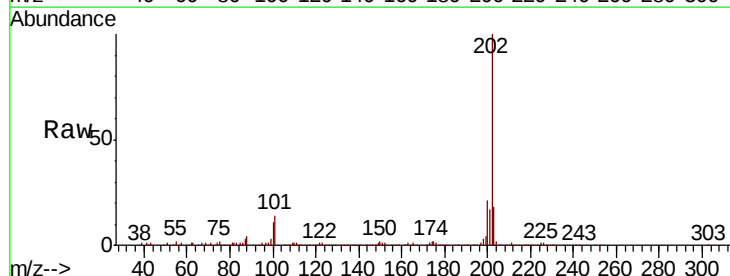


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

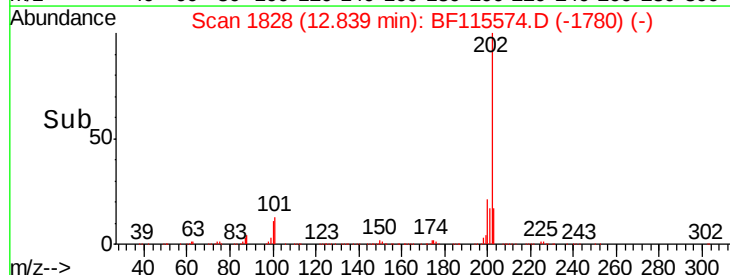
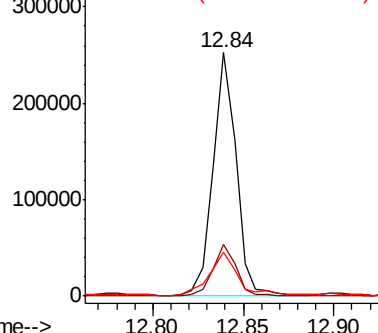


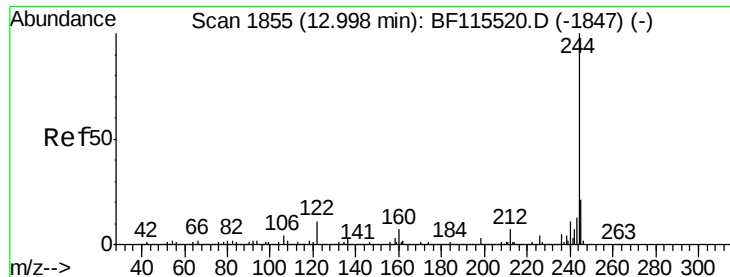
#78
Pyrene
Concen: 7.169 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.7	28.1
203	17.9	15.2	22.8



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: 31.112 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115574.D

Acq: 15 Jul 2019 23:13

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-A

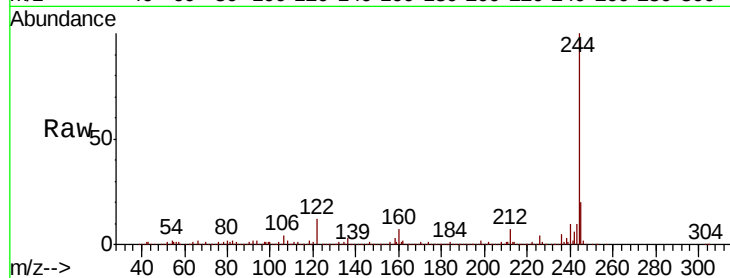
Tot Ion:244 Resp: 613734

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

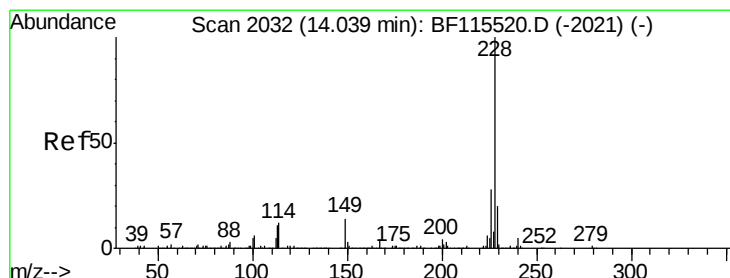
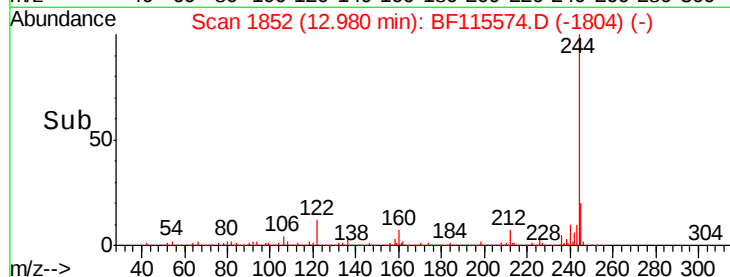
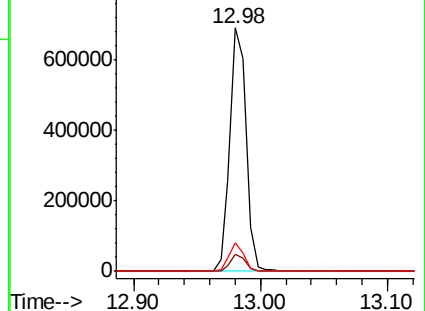
122 11.8 8.6 12.8



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



#81

Benzo(a)anthracene

Concen: 3.738 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF115574.D

Acq: 15 Jul 2019 23:13

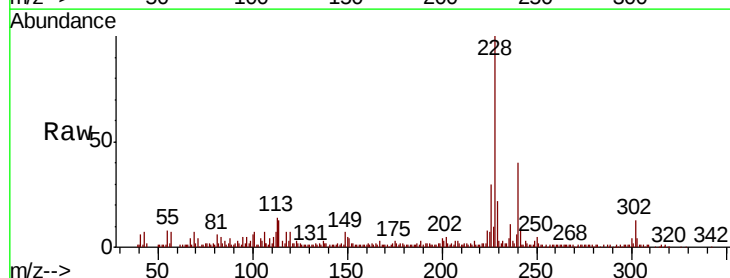
Tgt Ion:228 Resp: 89634

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

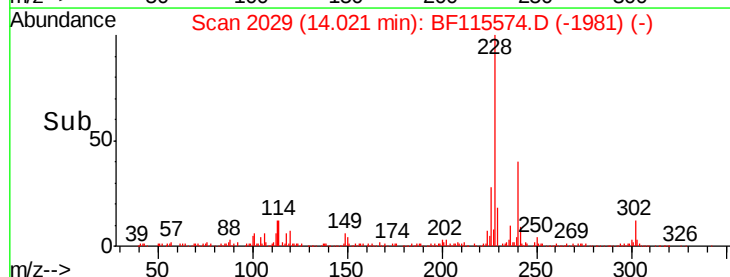
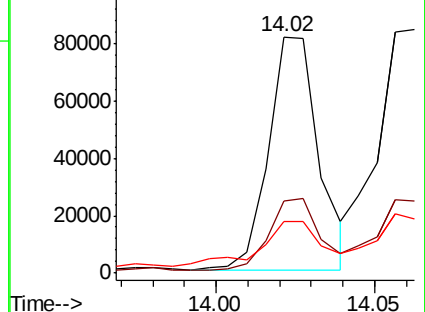
229 21.9 17.2 25.8

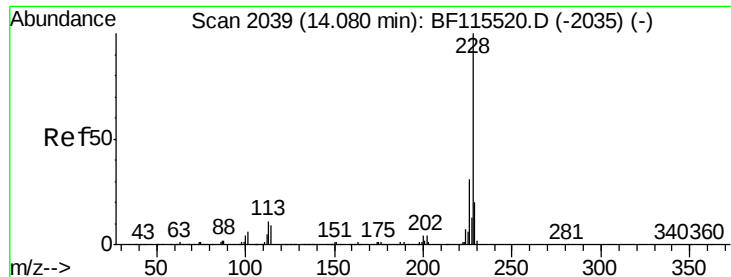


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

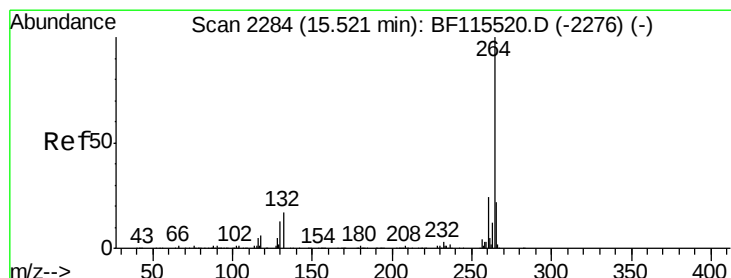
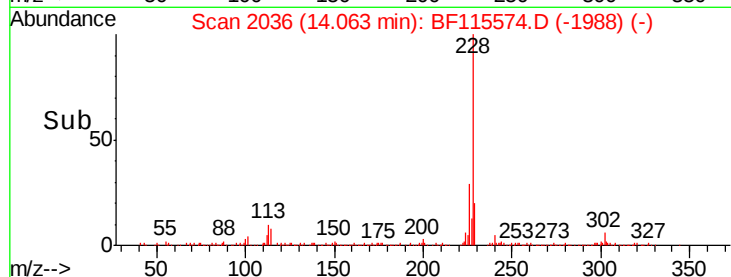
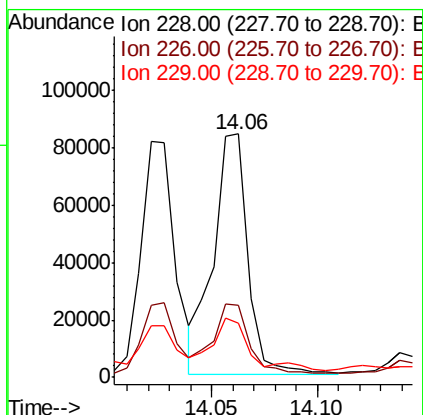
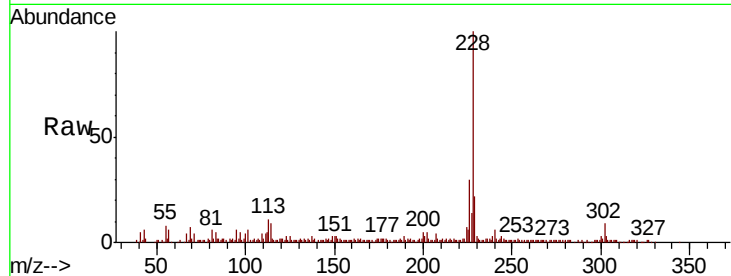




#83
Chrysene
Concen: 3.957 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

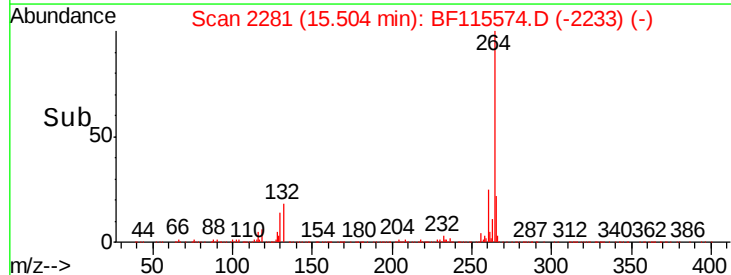
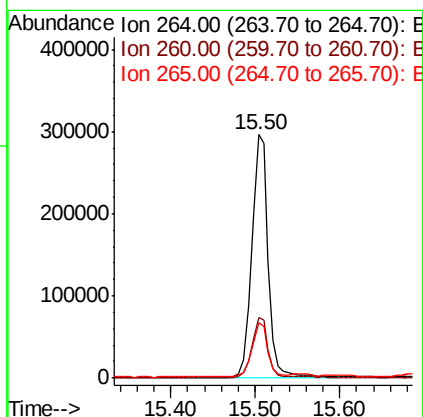
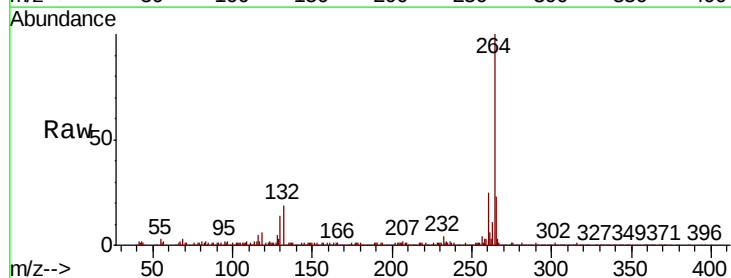
Instrument :
BNA_F
ClientSampleId :
CL-01-071219-A

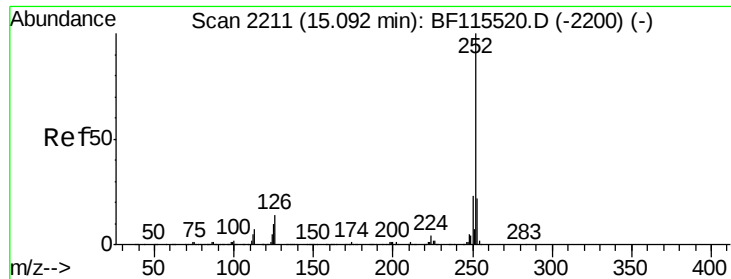
Tot Ion:228 Resp: 95245
Ion Ratio Lower Upper
228 100
226 29.8 25.7 38.5
229 22.5 16.6 25.0



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:264 Resp: 401697
Ion Ratio Lower Upper
264 100
260 25.1 19.8 29.8
265 22.8 17.7 26.5

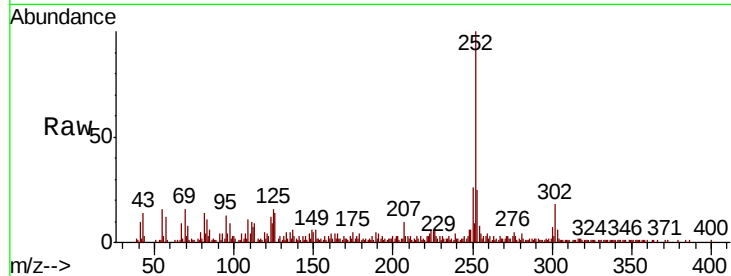




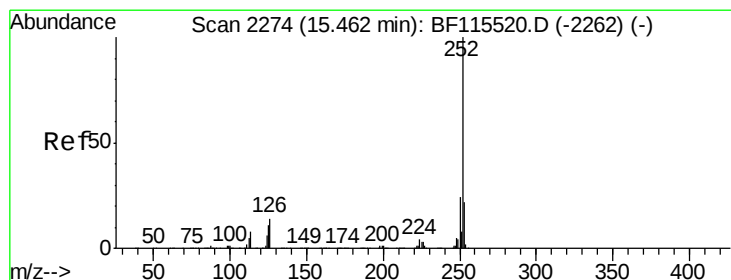
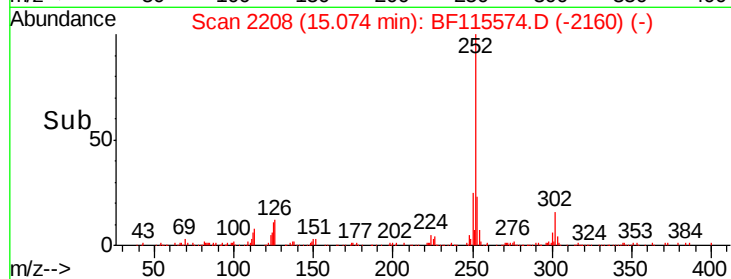
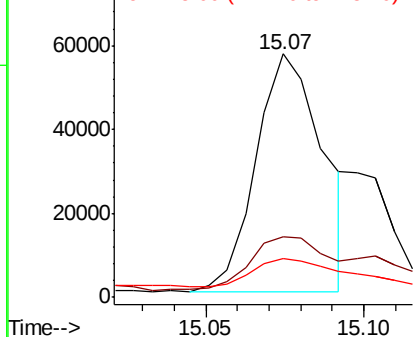
#88
Benzo(b)fluoranthene
Concen: 3.248 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-A

Tot Ion:252 Resp: 84016
Ion Ratio Lower Upper
252 100
253 25.1 18.1 27.1
125 16.0 9.0 13.4#

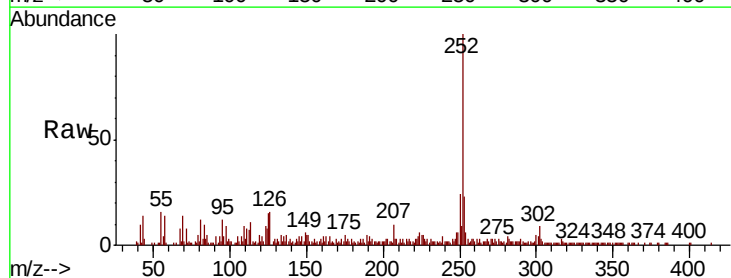


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

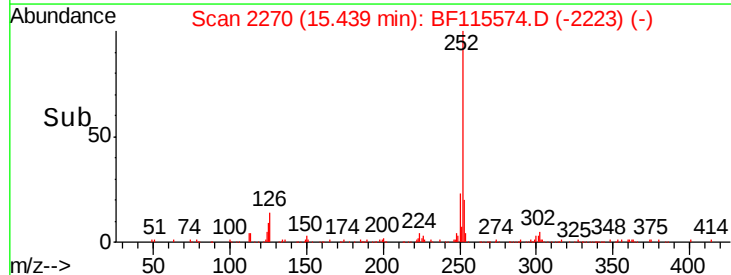
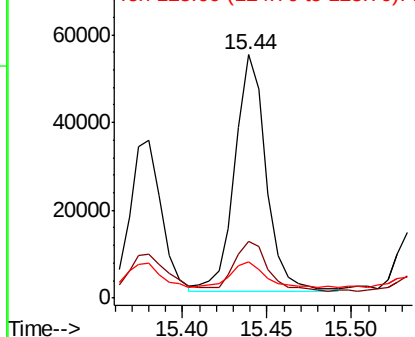


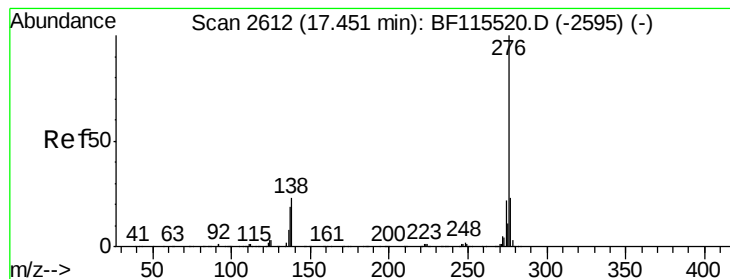
#90
Benzo(a)pyrene
Concen: 3.155 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF115574.D
Acq: 15 Jul 2019 23:13

Tgt Ion:252 Resp: 70130
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 14.7 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#92

Benzo(a,h,i)perylene

Concen: 2.053 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.04 min

Lab File: BF115574.D

Acq: 15 Jul 2019 23:13

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-A

Tot Ion: 276 Resp: 39970

Ion Ratio Lower Upper

276 100

277 26.1 19.0 28.4

138 26.4 17.2 25.8#

