

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
 Data File : BF119448.D
 Acq On : 19 Mar 2020 19:56
 Operator : CG/JU
 Sample : L1978-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7A

Quant Time: Mar 20 04:04:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

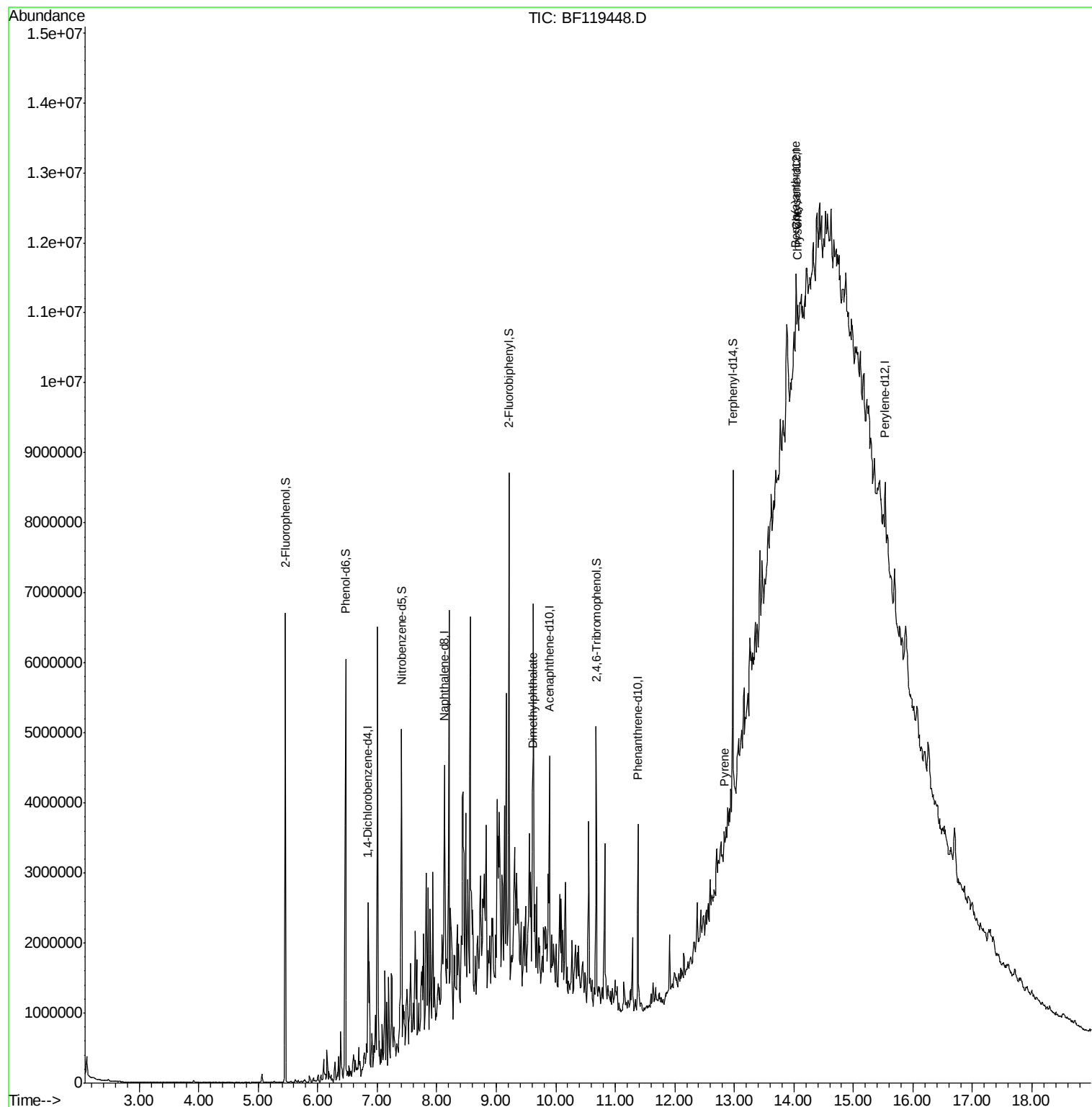
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	337517	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1214302	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	581596	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	940372	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	465434	20.00	ng	0.00
87) Perylene-d12	15.53	264	593824	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1738059	81.98	ng	0.00
7) Phenol-d6	6.47	99	2194870	81.04	ng	0.00
23) Nitrobenzene-d5	7.41	82	1305695	58.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	452462	75.41	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	2150489	54.78	ng	0.00
79) Terphenyl-d14	12.97	244	1627480	68.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	195576	4.734	ng	# 97
78) Pyrene	12.82	202	126428	3.310	ng	# 91
81) Benzo(a)anthracene	14.03	228	119568	3.951	ng	# 48
83) Chrysene	14.06	228	153224	4.905	ng	# 57

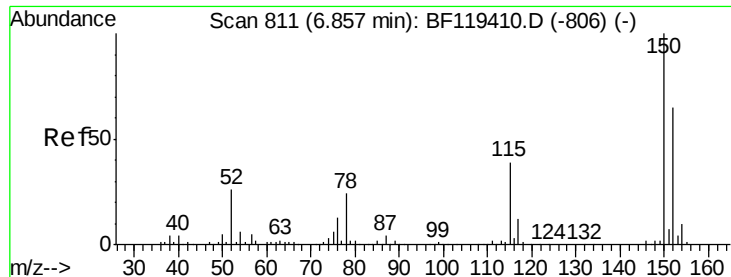
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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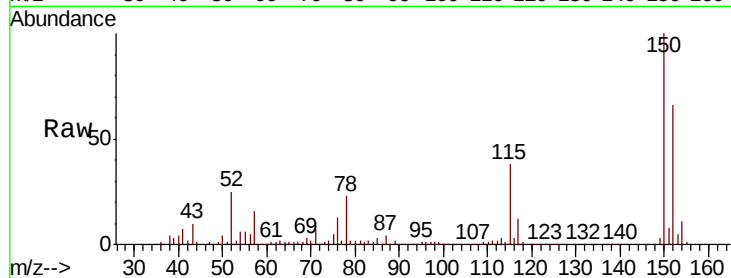


#1

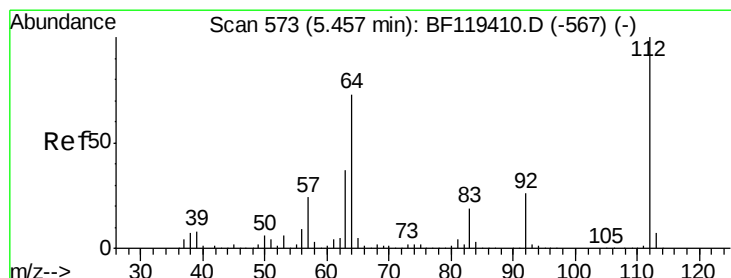
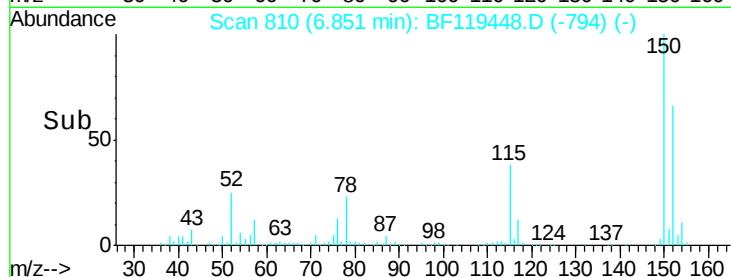
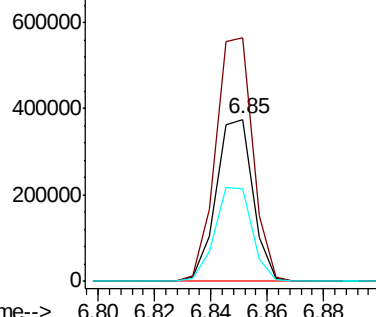
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119448.D
Acq: 19 Mar 2020 19:56

Instrument :
BNA_F
ClientSampleId :
TP-7A

Tot Ion:152 Resp: 337517
Ion Ratio Lower Upper
152 100
150 150.6 123.9 185.9
115 57.6 47.8 71.6



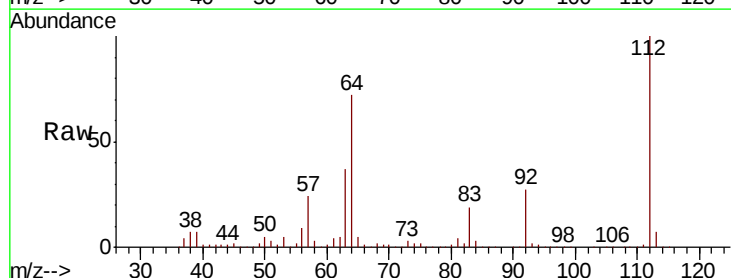
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



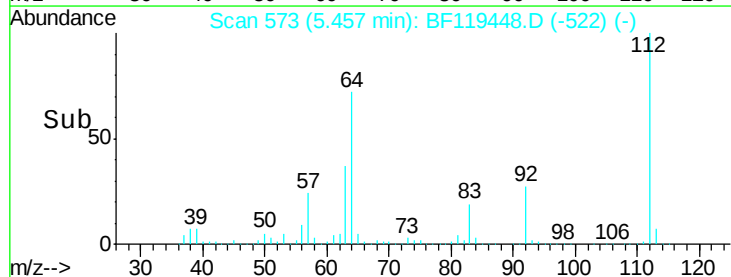
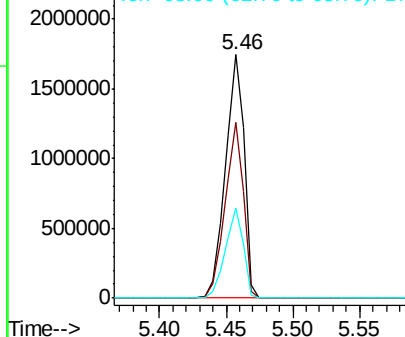
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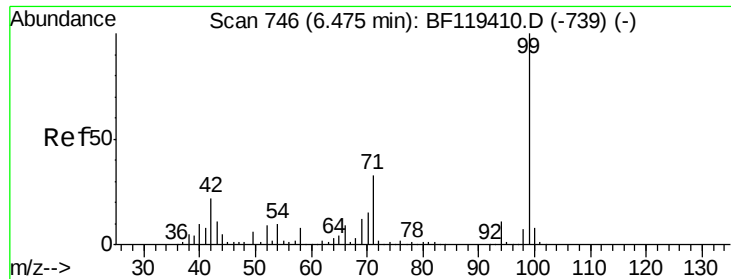
2-Fluorophenol
Concen: 81.976 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF119448.D
Acq: 19 Mar 2020 19:56

Tgt Ion:112 Resp: 1738059
Ion Ratio Lower Upper
112 100
64 72.2 58.1 87.1
63 37.0 29.7 44.5



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: 81.039 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119448.D

Acq: 19 Mar 2020 19:56

Instrument :

BNA_F

ClientSampleId :

TP-7A

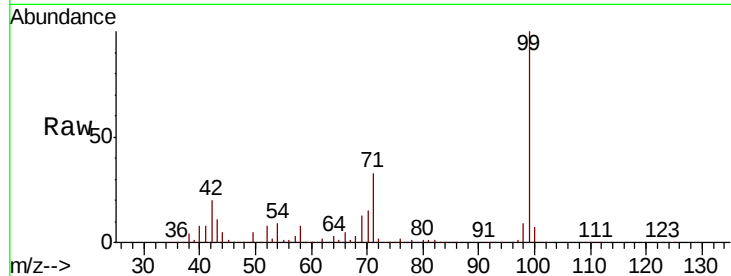
Tot Ion: 99 Resp: 2194870

Ion Ratio Lower Upper

99 100

42 20.1 17.8 26.6

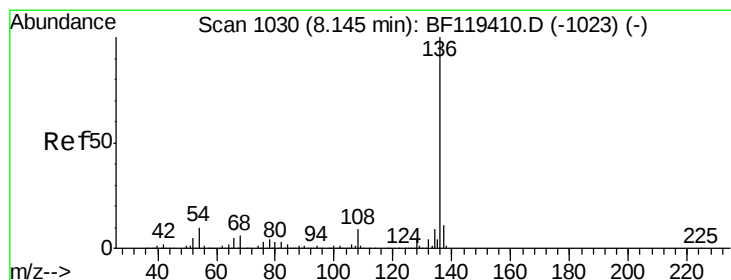
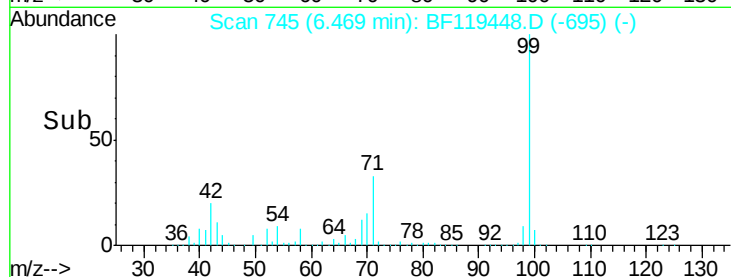
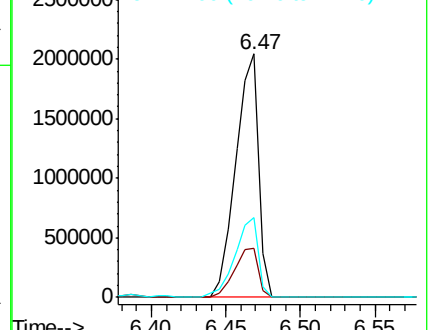
71 32.6 26.0 39.0



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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119448.D

Acq: 19 Mar 2020 19:56

Tgt Ion: 136 Resp: 1214302

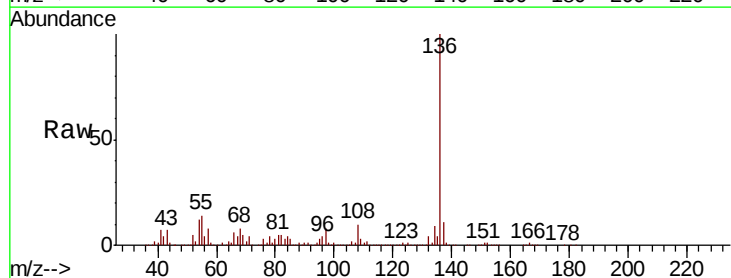
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 12.2 8.3 12.5

68 7.5 4.9 7.3#

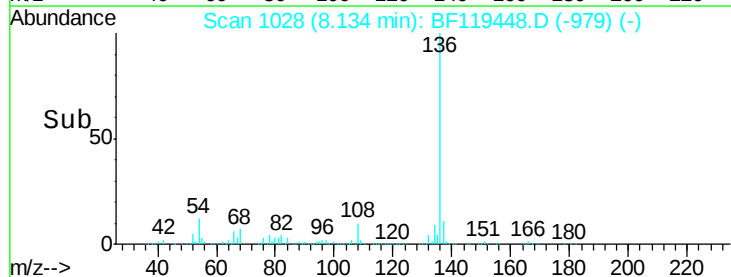
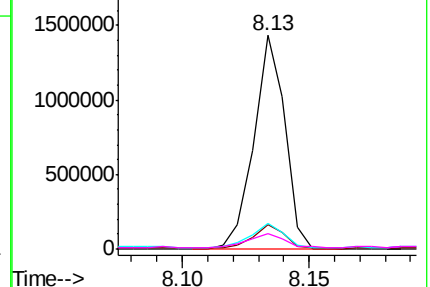


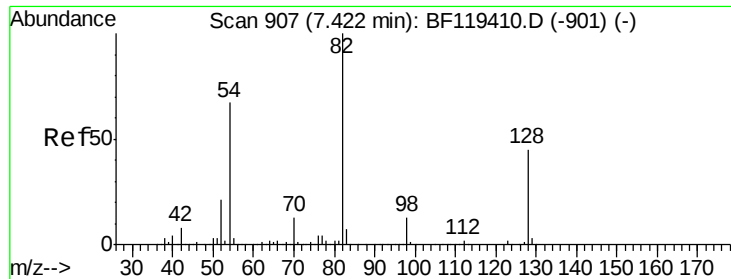
Abundance Ion 136.00 (135.70 to 136.70): E

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

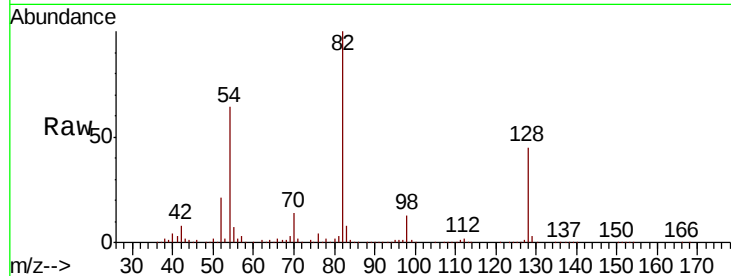




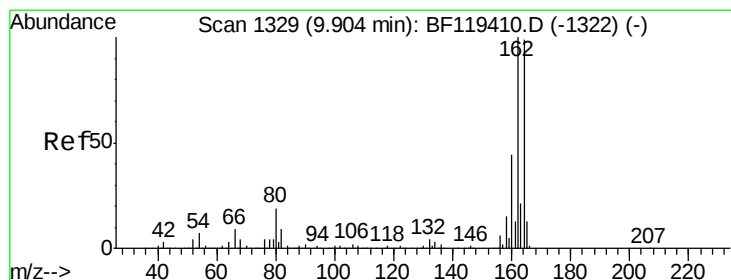
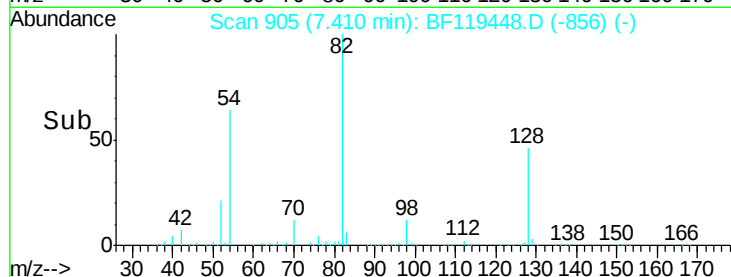
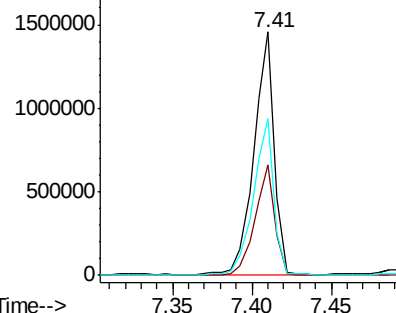
#23
Nitrobenzene-d5
Concen: 58.438 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119448.D
Acq: 19 Mar 2020 19:56

Instrument :
BNA_F
ClientSampleId :
TP-7A

Tot Ion: 82 Resp: 1305695
Ion Ratio Lower Upper
82 100
128 45.4 35.8 53.8
54 64.4 53.4 80.0

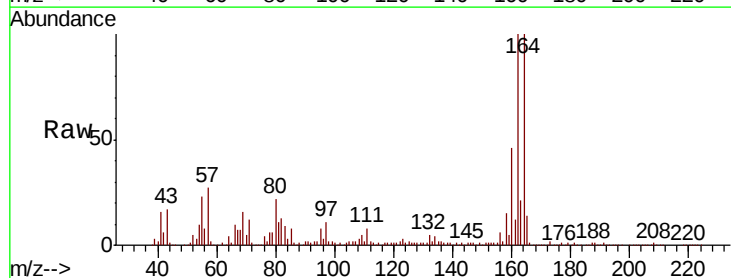


Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

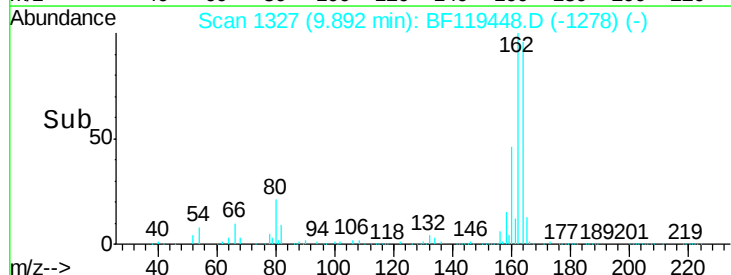
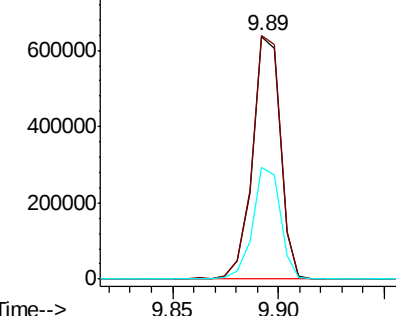


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119448.D
Acq: 19 Mar 2020 19:56

Tgt Ion:164 Resp: 581596
Ion Ratio Lower Upper
164 100
162 100.3 80.7 121.1
160 46.1 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
800000 Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

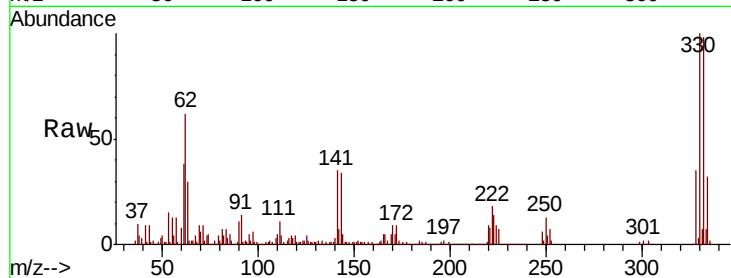




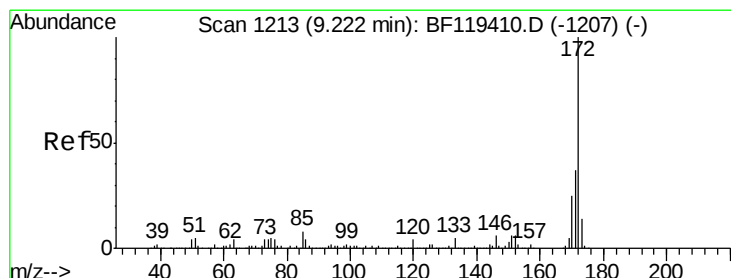
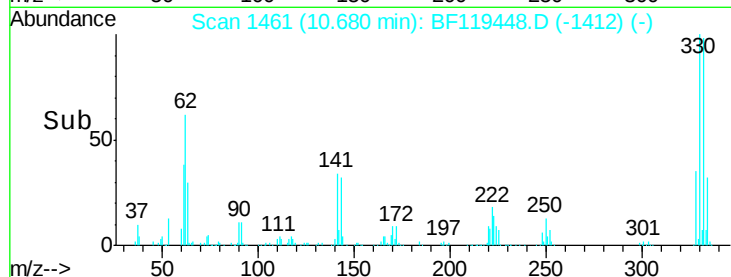
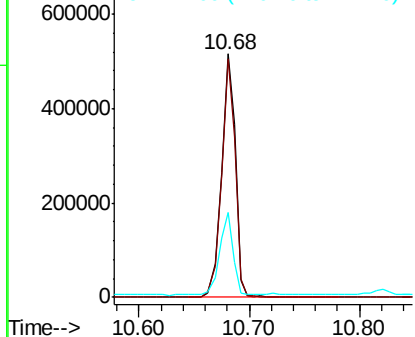
#42
 2,4,6-Tribromophenol
 Concen: 75.409 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF119448.D
 Acq: 19 Mar 2020 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-7A

Tot Ion:330 Resp: 452462
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.6 116.4
 141 33.0 26.6 40.0

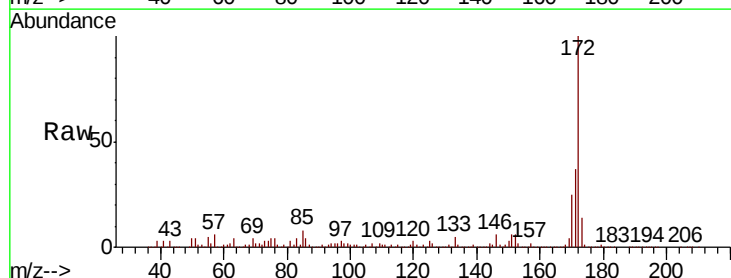


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

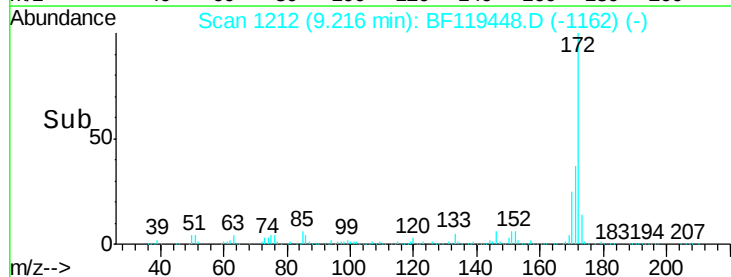
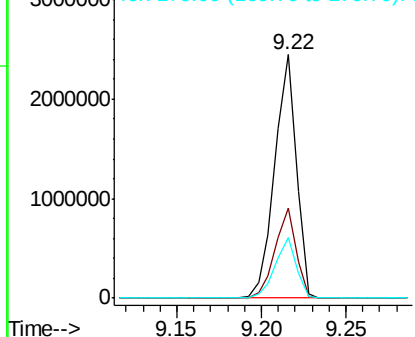


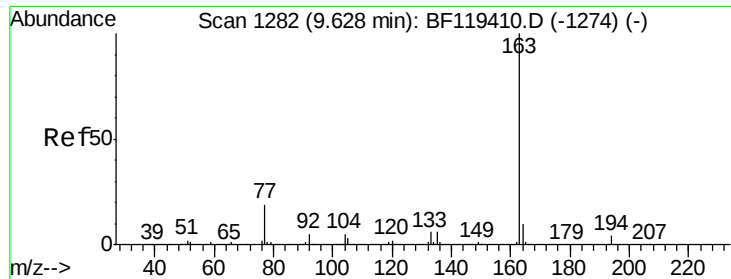
#45
 2-Fluorobiphenyl
 Concen: 54.778 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119448.D
 Acq: 19 Mar 2020 19:56

Tgt Ion:172 Resp: 2150489
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.9 44.9
 170 24.7 20.1 30.1



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

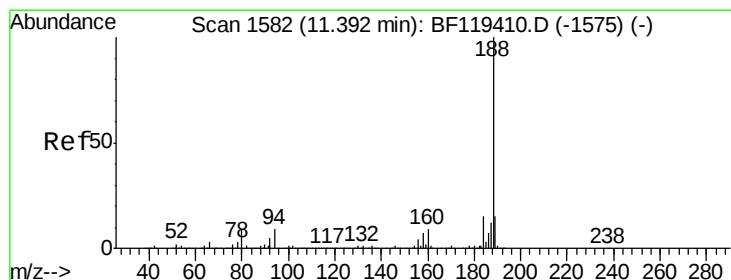
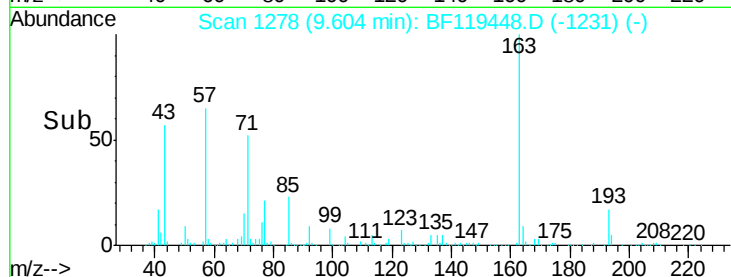
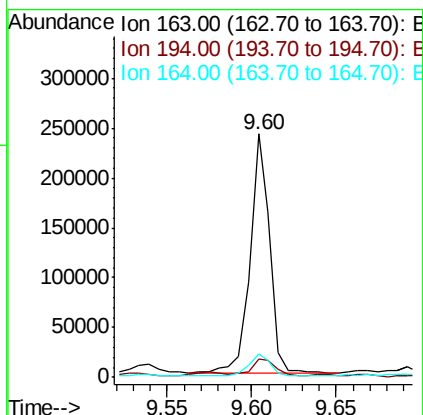
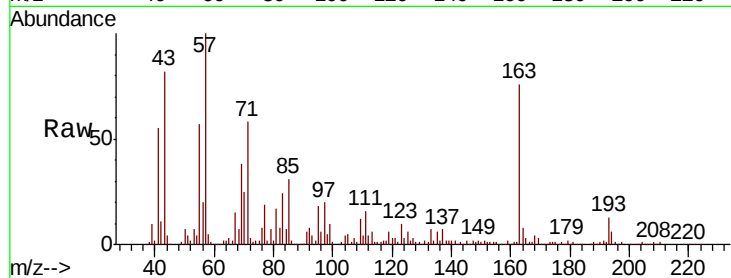




#50
Dimethylphthalate
Concen: 4.734 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF119448.D
Acq: 19 Mar 2020 19:56

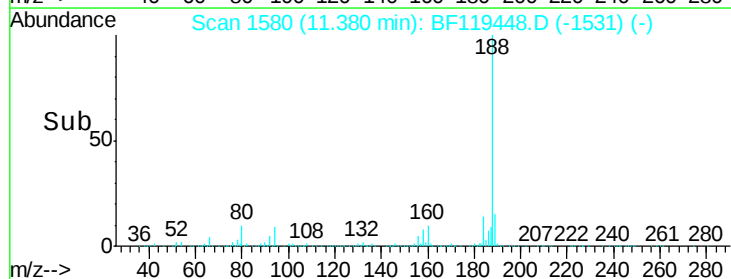
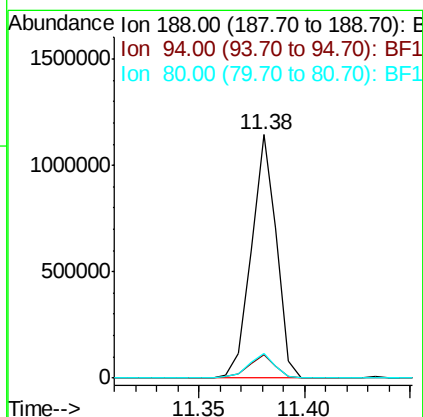
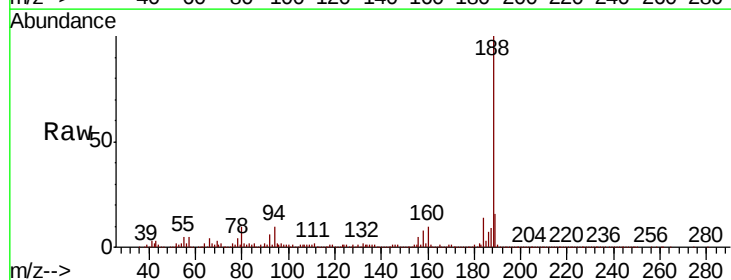
Instrument :
BNA_F
ClientSampleId :
TP-7A

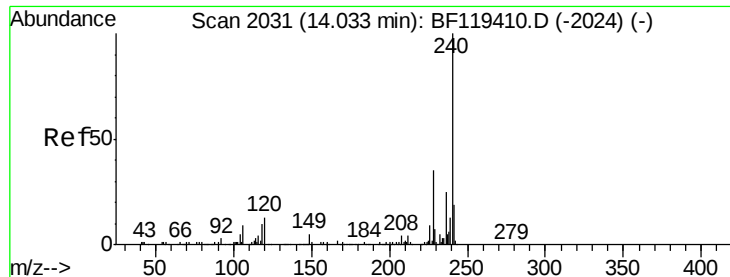
Tot Ion:163 Resp: 195576
Ion Ratio Lower Upper
163 100
194 7.5 3.2 4.8#
164 9.9 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119448.D
Acq: 19 Mar 2020 19:56

Tgt Ion:188 Resp: 940372
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.4 7.5 11.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF119448.D

Acq: 19 Mar 2020 19:56

Instrument :

BNA_F

ClientSampleId :

TP-7A

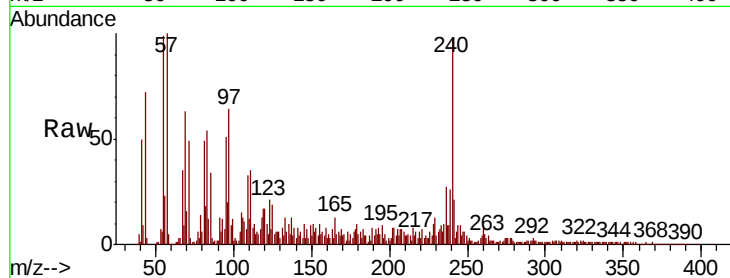
Tot Ion:240 Resp: 465434

Ion Ratio Lower Upper

240 100

120 18.1 10.2 15.4#

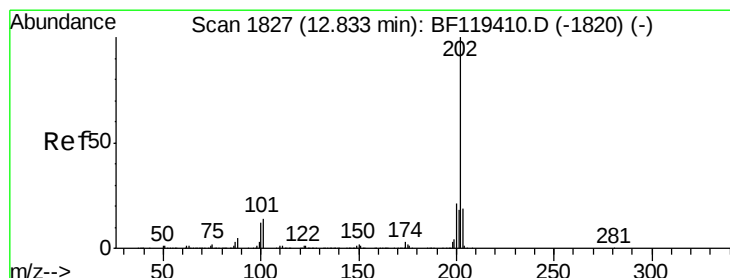
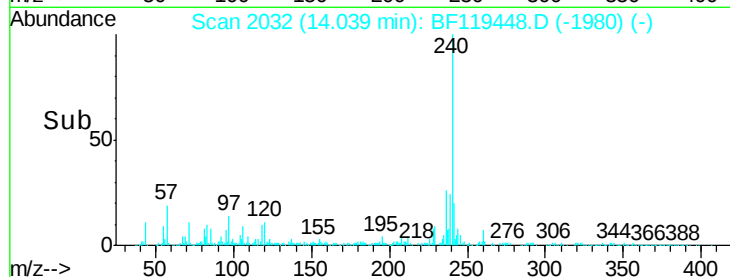
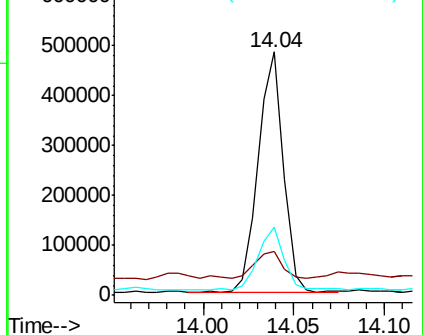
236 28.0 20.4 30.6



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: 3.310 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119448.D

Acq: 19 Mar 2020 19:56

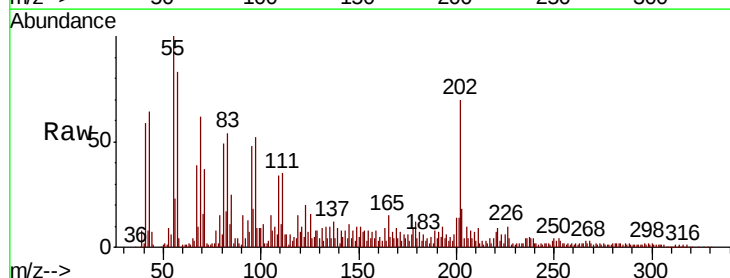
Tgt Ion:202 Resp: 126428

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

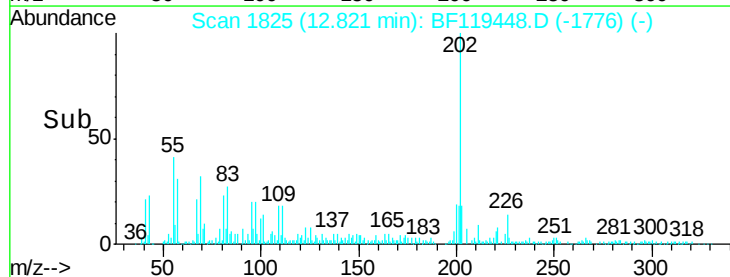
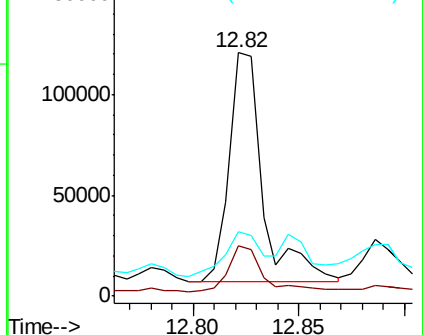
203 26.2 14.8 22.2#

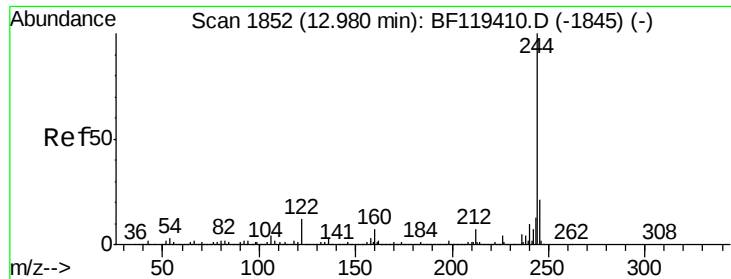


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

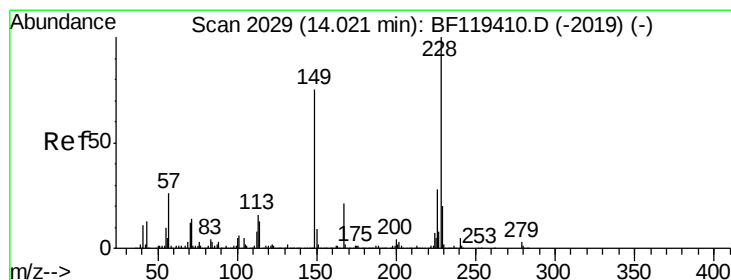
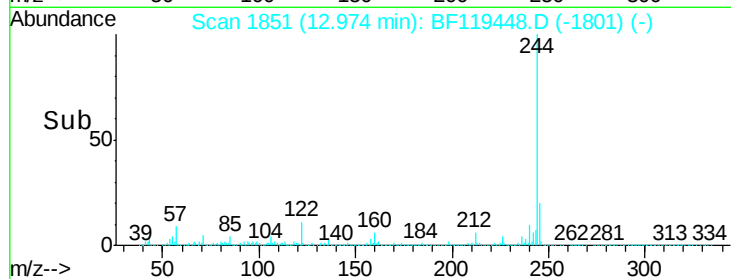
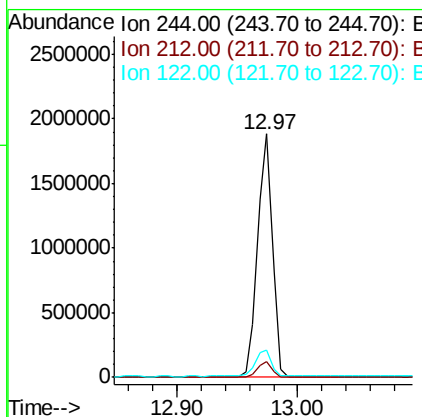
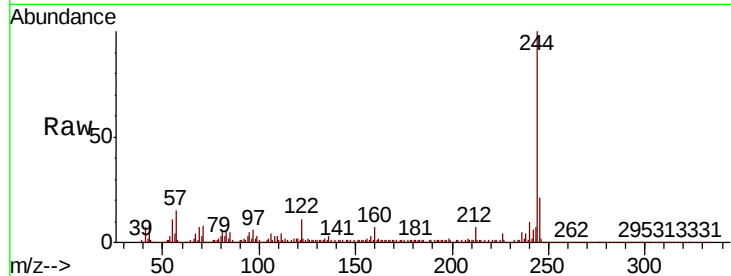




#79
 Terphenyl-d14
 Concen: 68.508 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119448.D
 Acq: 19 Mar 2020 19:56

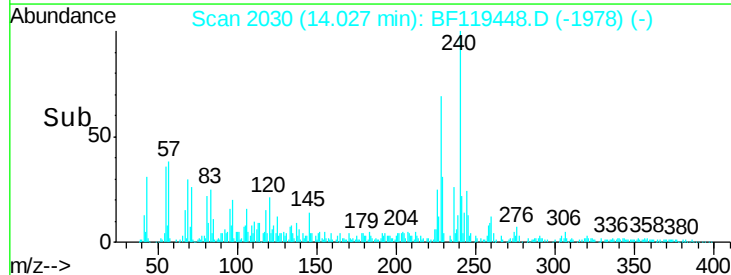
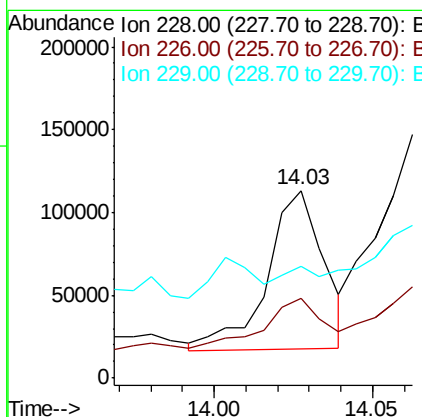
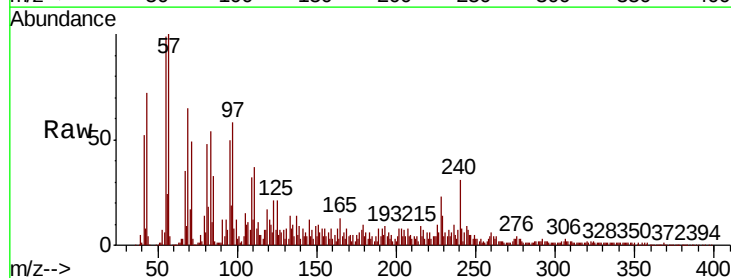
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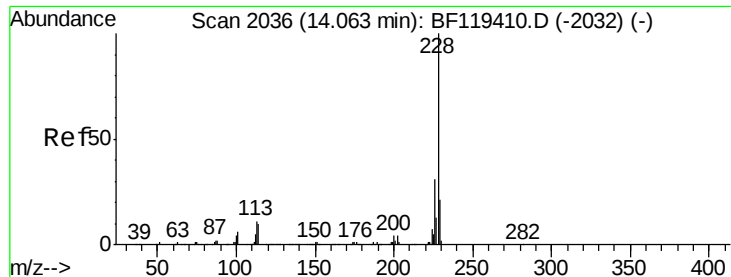
Tot Ion:244 Resp: 1627480
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 11.3 9.8 14.8



#81
 Benzo(a)anthracene
 Concen: 3.951 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF119448.D
 Acq: 19 Mar 2020 19:56

Tgt Ion:228 Resp: 119568
 Ion Ratio Lower Upper
 228 100
 226 42.6 22.3 33.5#
 229 59.4 16.3 24.5#

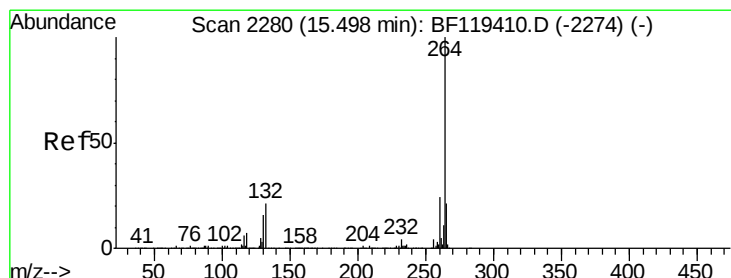
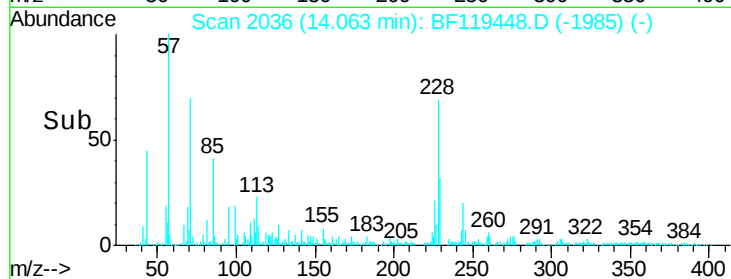
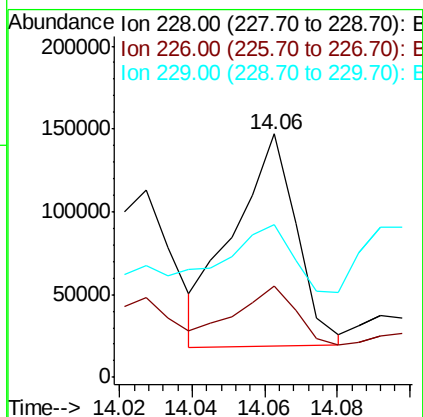
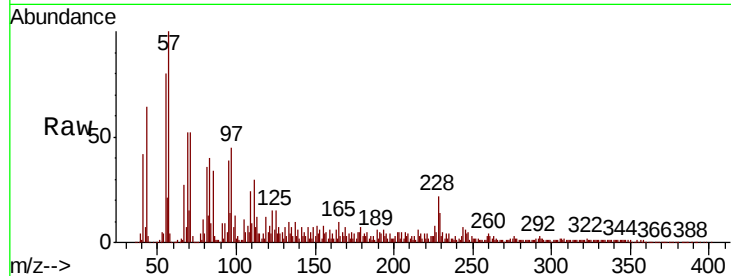




#83
Chrysene
Concen: 4.905 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF119448.D
Acq: 19 Mar 2020 19:56

Instrument :
BNA_F
ClientSampleId :
TP-7A

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.3	24.8	37.2#
229	62.6	16.6	25.0#



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.04 min
Lab File: BF119448.D
Acq: 19 Mar 2020 19:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	24.2	16.9	25.3

