

Data File : BF118699.D
Acq On : 24 Jan 2020 21:35
Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20200065-AMENDED-COMP-3

Quant Time: Jan 27 01:06:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	251447	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	945723	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	517522	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	890115	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	620636	20.00	ng	-0.03
87) Perylene-d12	15.48	264	697100	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	62559	4.62	ng	-0.02
7) Phenol-d6	6.49	99	560743	31.87	ng	-0.02
23) Nitrobenzene-d5	7.42	82	994696	58.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	13192	2.20	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	1651826	52.46	ng	-0.02
79) Terphenyl-d14	12.96	244	1844712	64.83	ng	-0.03

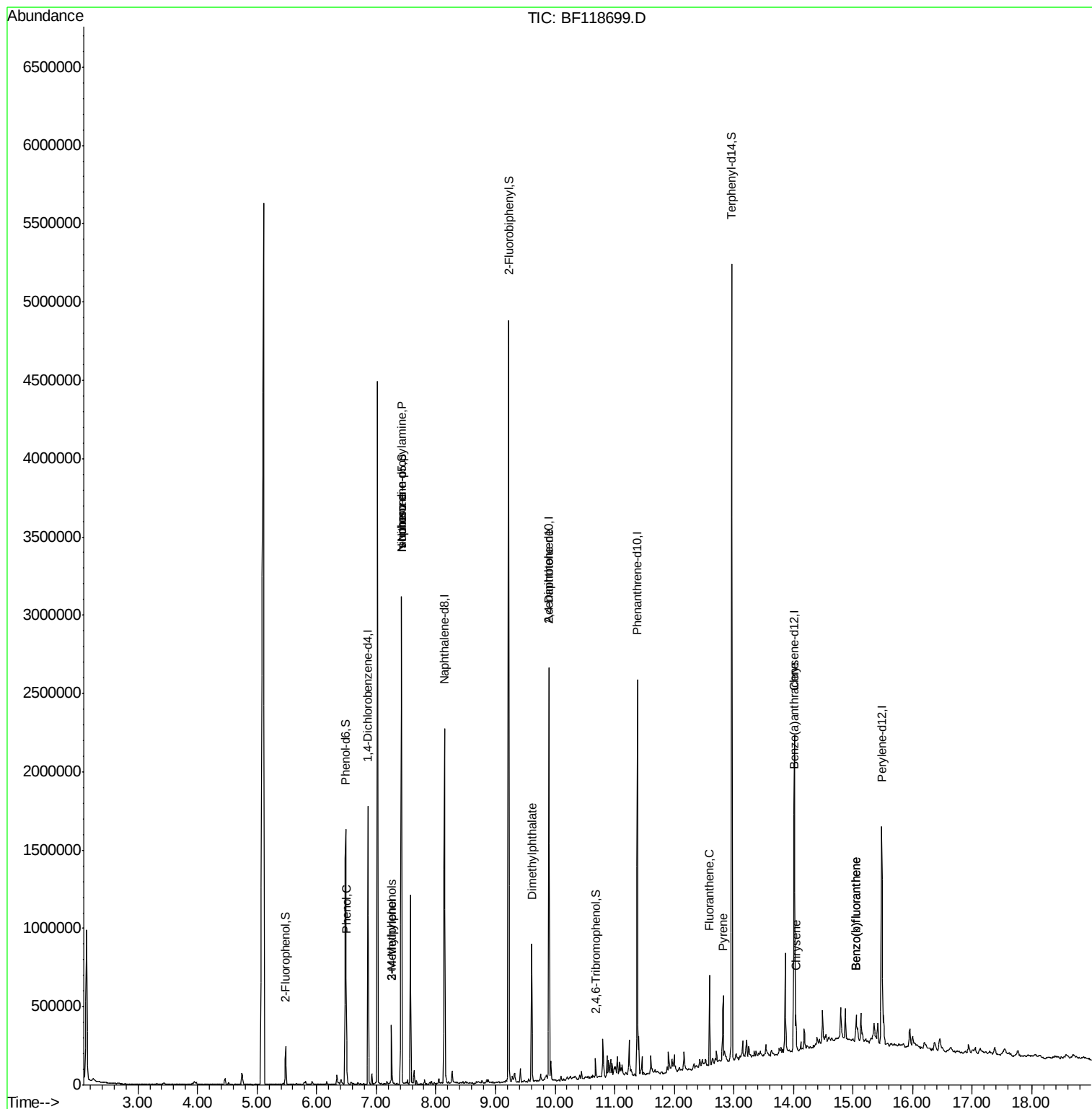
Target Compounds				Qvalue		
10) Phenol	6.50	94	72252	3.603	ng	95
17) 2-Methylphenol	7.26	107	88352	6.980	ng	# 68
19) n-Nitroso-di-n-propylamine	7.42	70	136808	11.514	ng	# 75
20) 3+4-Methylphenols	7.26	107	88352	5.717	ng	# 57
25) Isophorone	7.42	82	992312	32.177	ng	# 64
50) Dimethylphthalate	9.61	163	351819	10.434	ng	97
57) 2,4-Dinitrotoluene	9.90	165	68742	7.222	ng	# 26
75) Fluoranthene	12.59	202	200994	4.438	ng	94
78) Pyrene	12.82	202	176923	4.199	ng	# 91
81) Benzo(a)anthracene	14.00	228	97833	2.620	ng	95
83) Chrysene	14.04	228	89450	2.500	ng	93
88) Benzo(b)fluoranthene	15.05	252	130792	2.985	ng	# 94
89) Benzo(k)fluoranthene	15.05	252	130792	3.222	ng	# 94

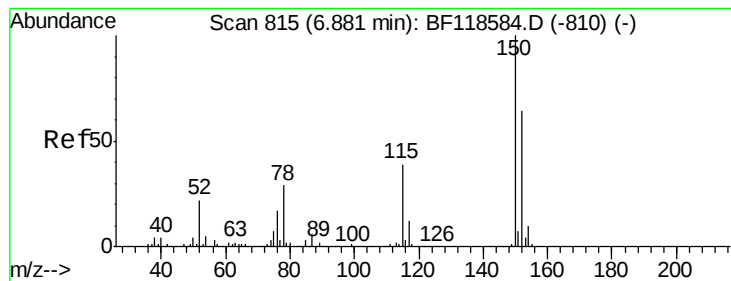
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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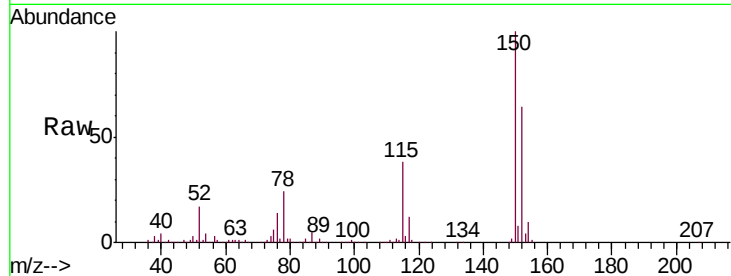


#1

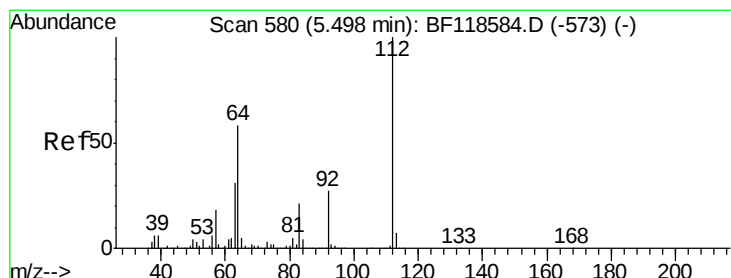
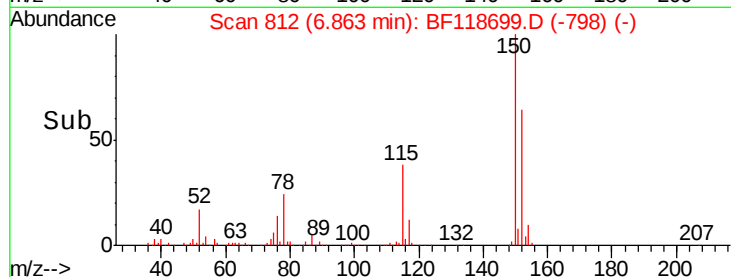
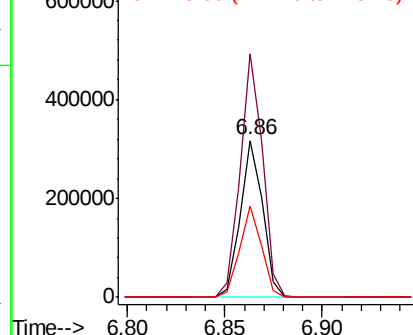
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

Instrument :
BNA_F
ClientSampleId :
20200065-AMENDED-COMP-3

Tgt Ion:152 Resp: 251447
Ion Ratio Lower Upper
152 100
150 155.4 125.6 188.4
115 58.7 48.4 72.6



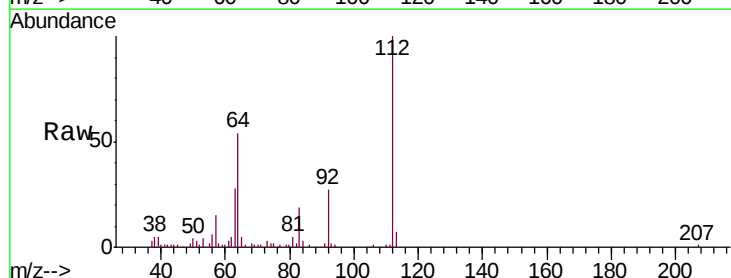
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



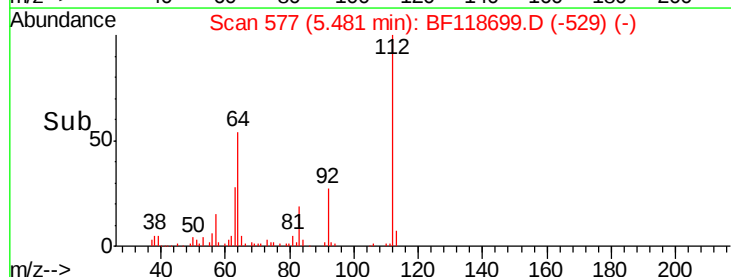
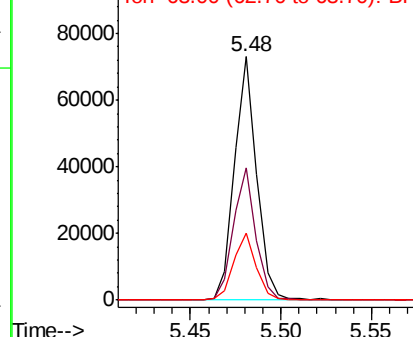
#5

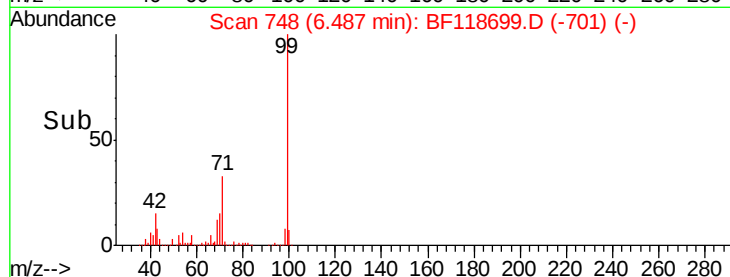
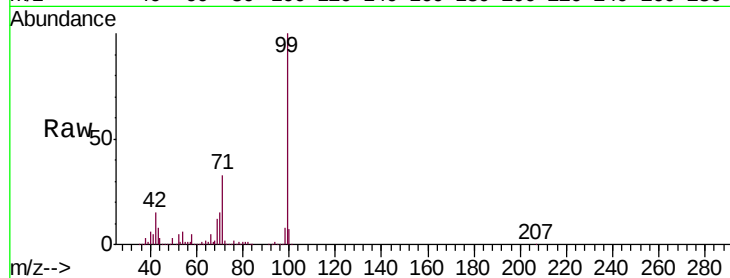
2-Fluorophenol
Concen: 4.621 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

Tgt Ion:112 Resp: 62559
Ion Ratio Lower Upper
112 100
64 54.3 46.6 70.0
63 27.6 25.1 37.7



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: 31.866 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Instrument :

BNA_F

ClientSampleId :

20200065-AMENDED-COMP-3

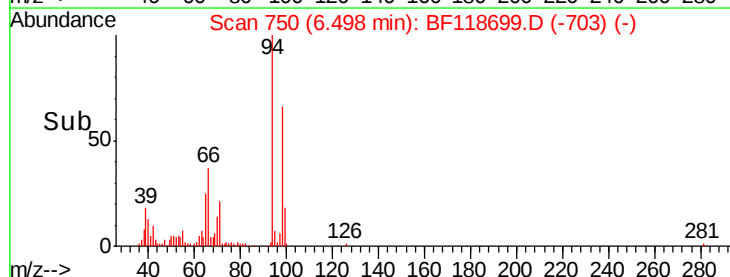
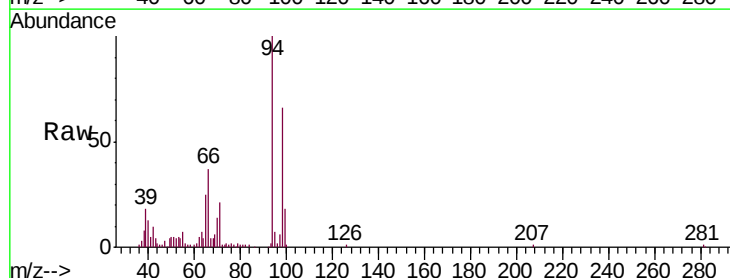
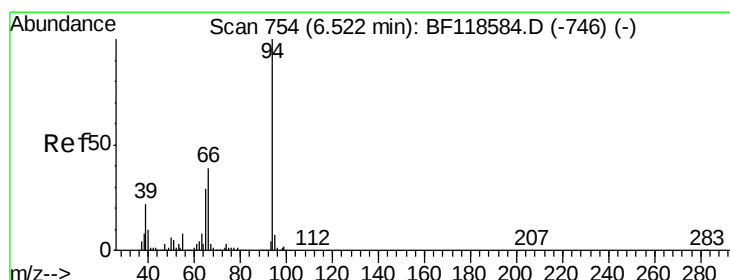
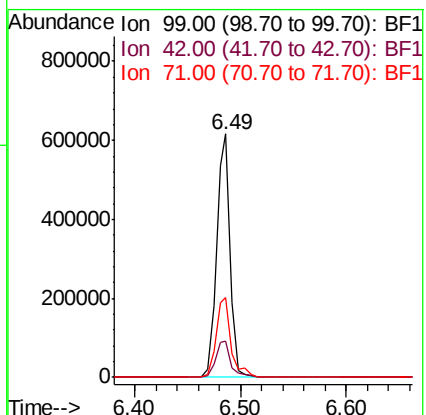
Tgt Ion: 99 Resp: 560743

Ion Ratio Lower Upper

99 100

42 14.6 14.2 21.2

71 32.8 27.8 41.6



#10

Phenol

Concen: 3.603 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

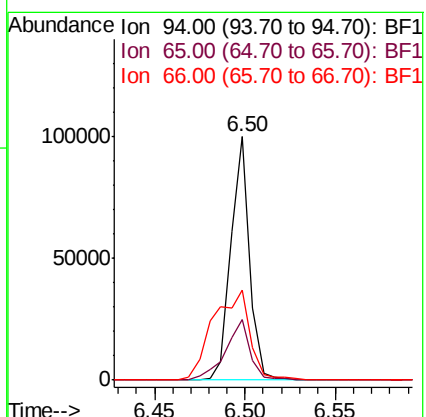
Tgt Ion: 94 Resp: 72252

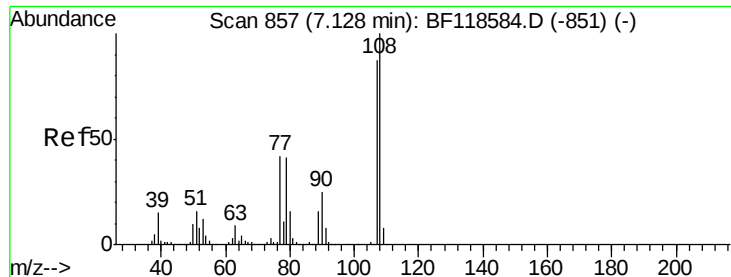
Ion Ratio Lower Upper

94 100

65 25.0 9.5 49.5

66 36.9 18.5 58.5





#17

2-Methylphenol

Concen: 6.980 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Instrument :

BNA_F

ClientSampleId :

20200065-AMENDED-COMP-3

Tgt Ion: 107 Resp: 88352

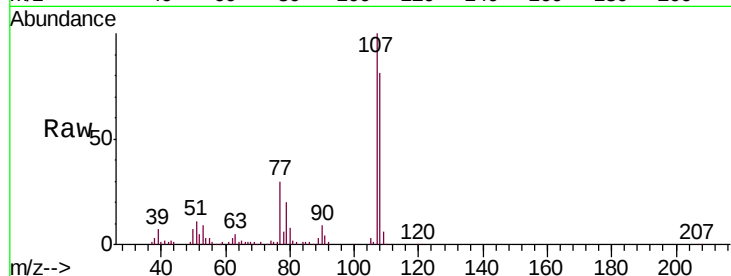
Ion Ratio Lower Upper

107 100

108 81.3 91.5 137.3#

77 29.9 38.7 58.1#

79 20.4 37.7 56.5#



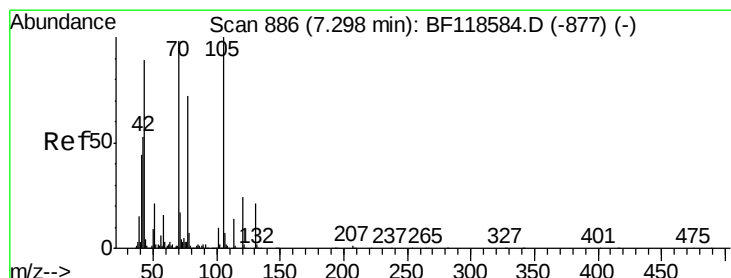
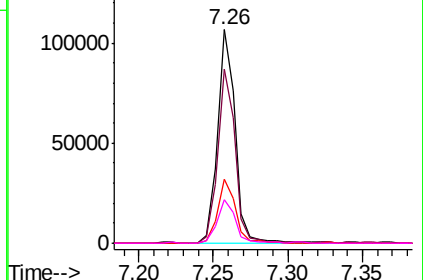
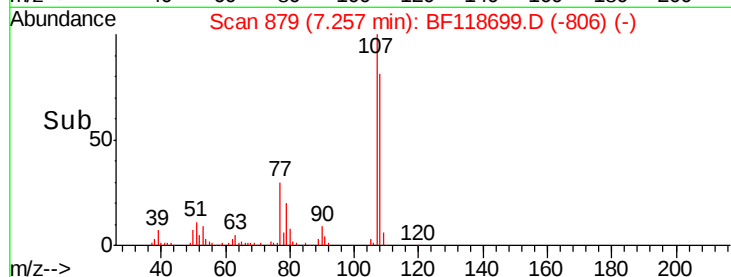
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.514 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.12 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Tgt Ion: 70 Resp: 136808

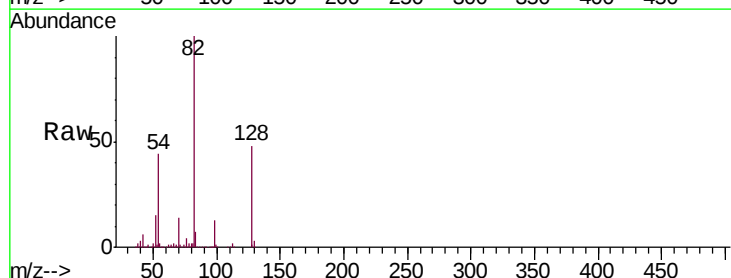
Ion Ratio Lower Upper

70 100

42 41.2 43.4 65.0#

101 0.0 8.1 12.1#

130 2.4 17.6 26.4#



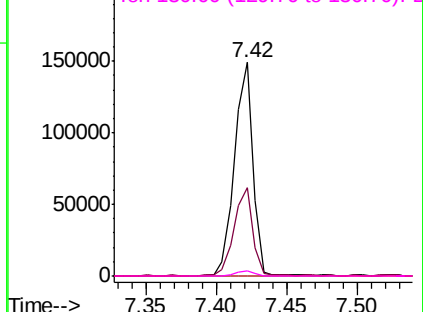
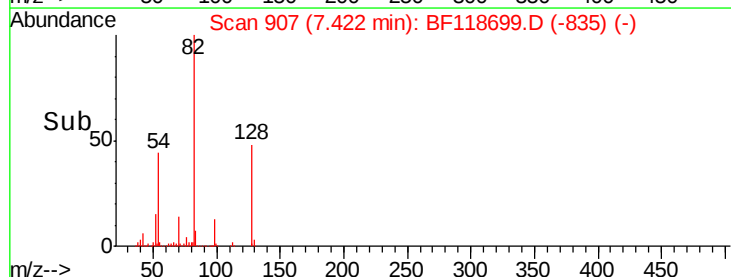
Abundance

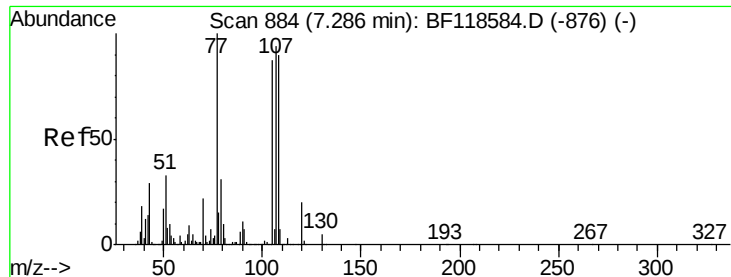
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

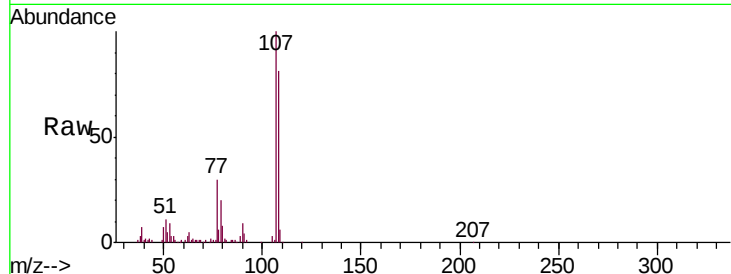




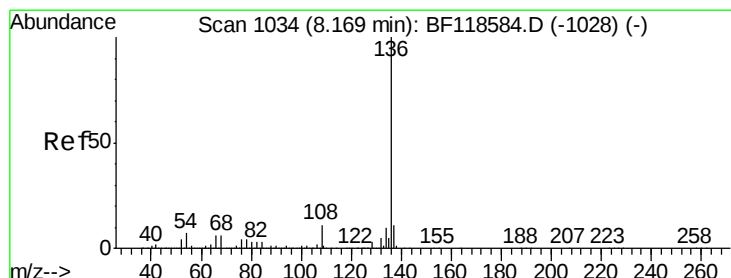
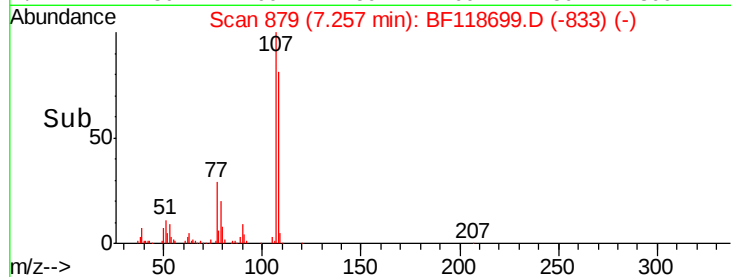
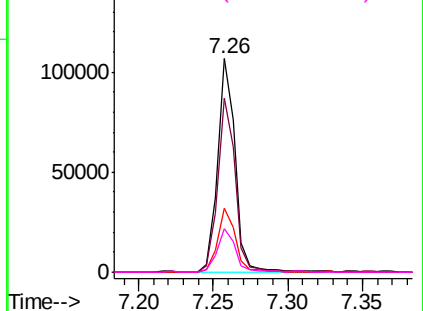
#20
3+4-Methylphenols
Concen: 5.717 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF118699.D
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20200065-AMENDED-COMP-3

Tgt Ion:	107	Resp:	88352
Ion	Ratio	Lower	Upper
107	100		
108	81.3	75.8	115.8
77	29.9	86.5	126.5#
79	20.4	12.9	52.9

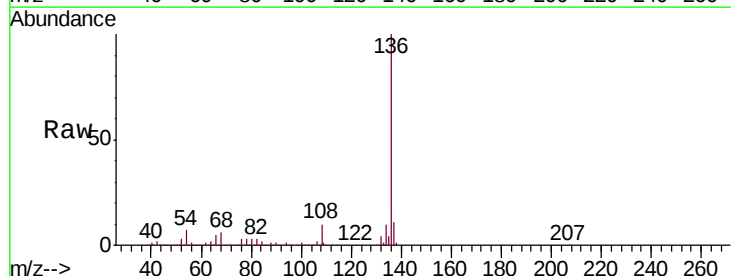


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

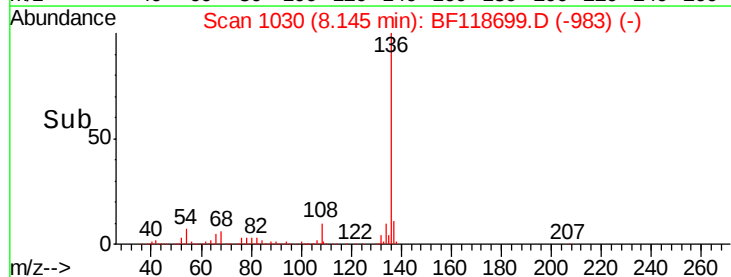
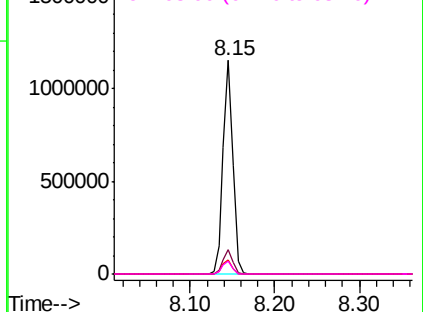


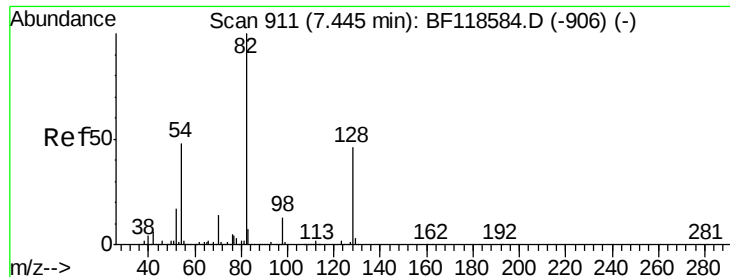
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

Tgt Ion:	136	Resp:	945723
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.7	5.8	8.6
68	6.1	5.0	7.4



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

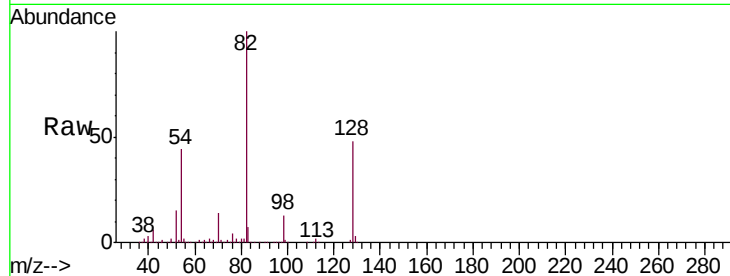




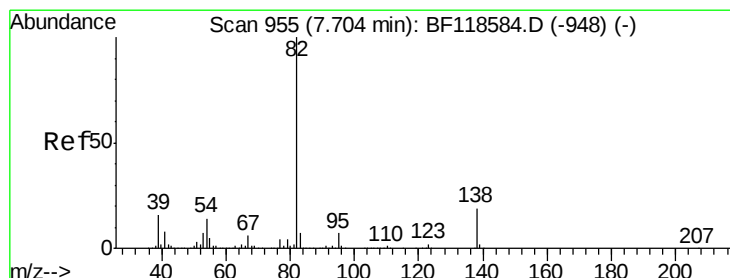
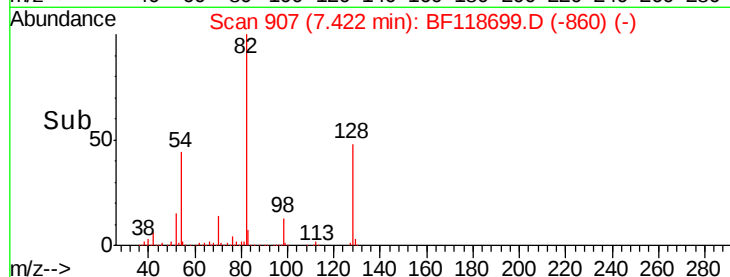
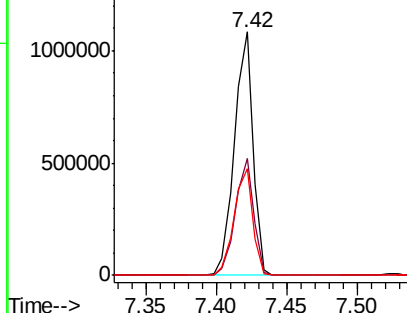
#23
Nitrobenzene-d5
Concen: 58.830 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

Instrument :
BNA_F
ClientSampleId :
20200065-AMENDED-COMP-3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.6	54.8
54	44.1	38.0	57.0

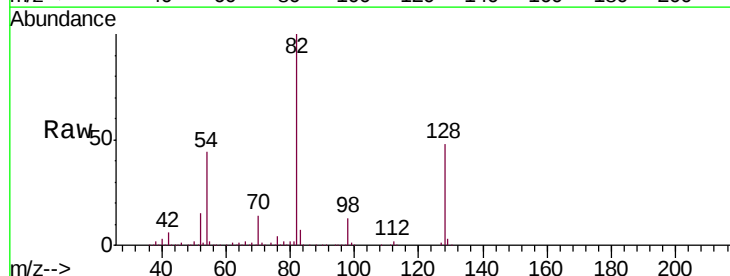


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

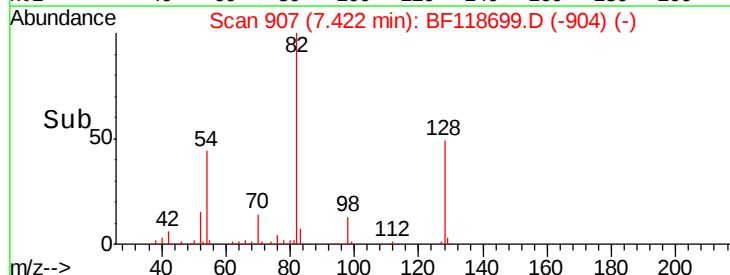
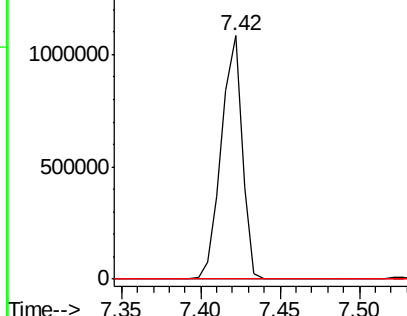


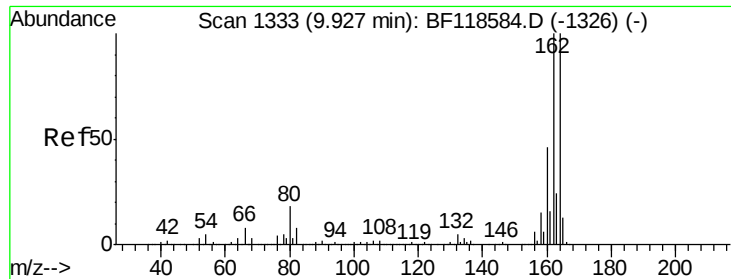
#25
Isophorone
Concen: 32.177 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	15.3	22.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

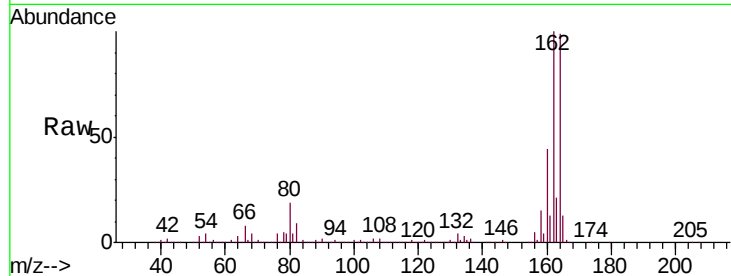




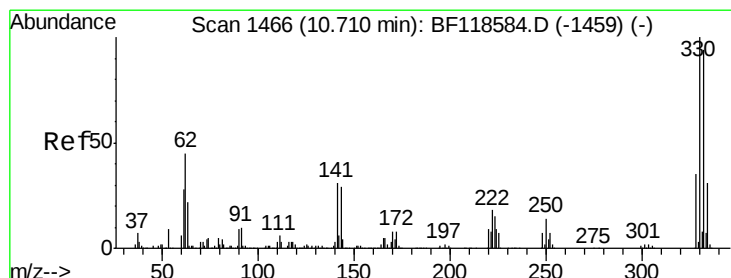
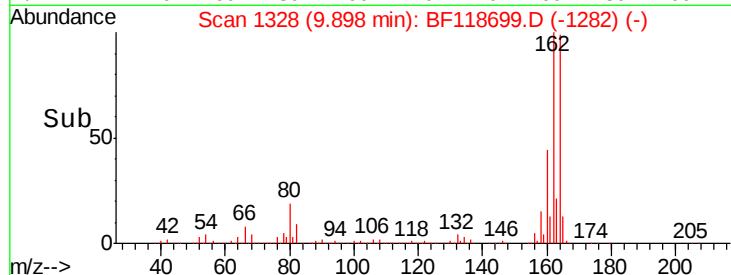
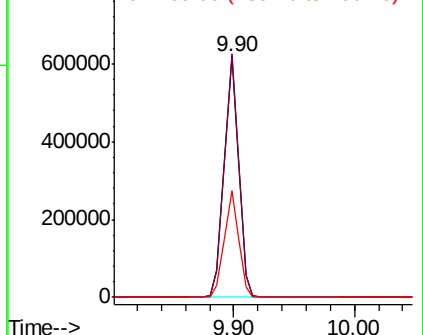
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.03 min
 Lab File: BF118699.D
 Acq: 24 Jan 2020 21:35

Instrument :
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 20200065-AMENDED-COMP-3

Tgt Ion:164 Resp: 517522
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.4 120.6
 160 44.0 36.6 55.0

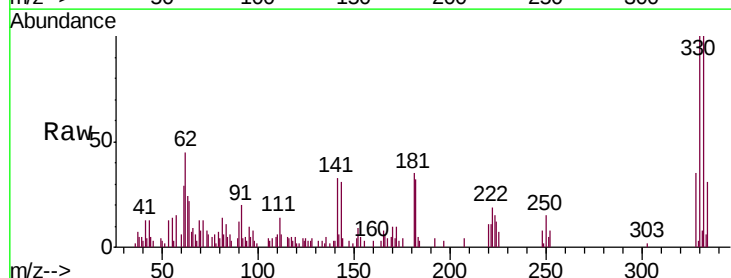


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

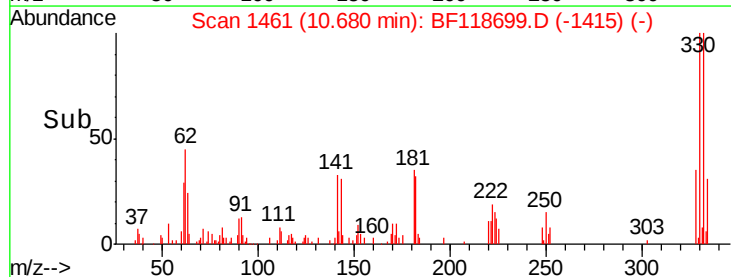
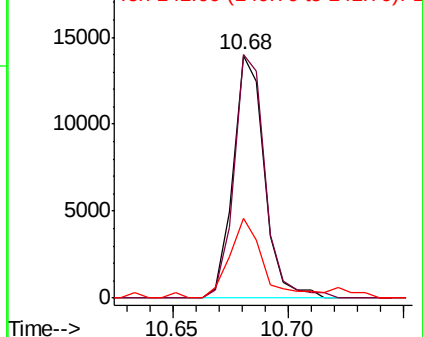


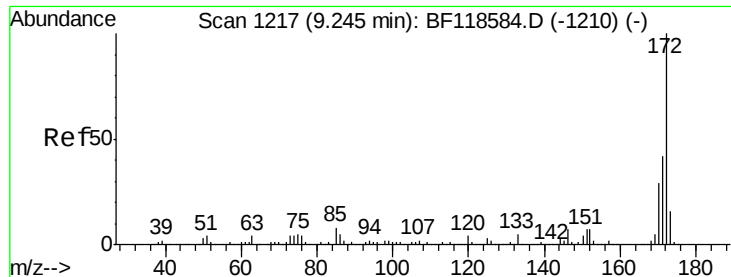
#42
 2,4,6-Tribromophenol
 Concen: 2.204 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.03 min
 Lab File: BF118699.D
 Acq: 24 Jan 2020 21:35

Tgt Ion:330 Resp: 13192
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.2 114.4
 141 35.8 23.9 35.9



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

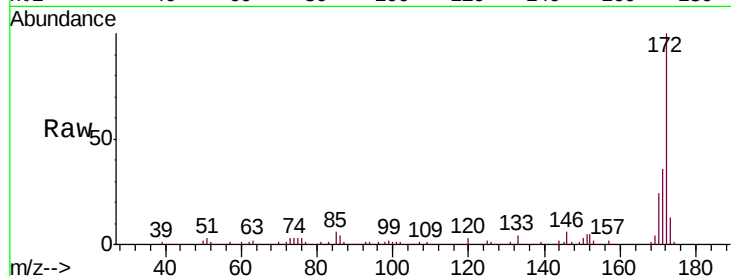




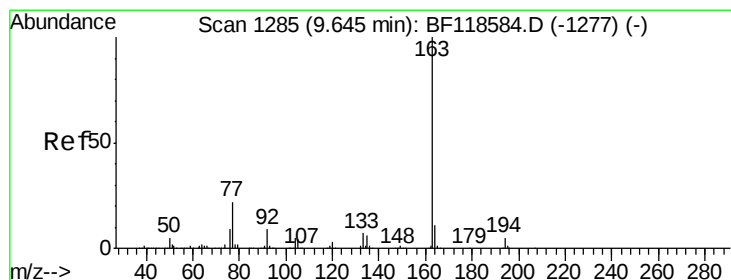
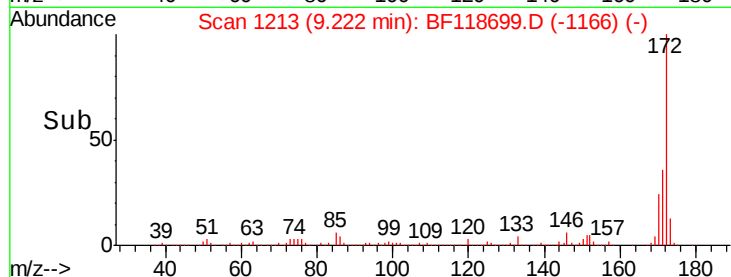
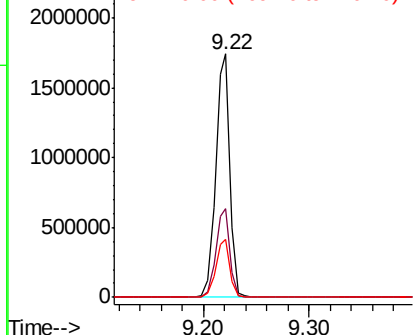
#45
 2-Fluorobiphenyl
 Concen: 52.461 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118699.D
 Acq: 24 Jan 2020 21:35

Instrument :
 BNA_F
 ClientSampleId :
 20200065-AMENDED-COMP-3

Tgt Ion:172 Resp: 1651826
 Ion Ratio Lower Upper
 172 100
 171 36.2 33.4 50.2
 170 23.8 23.2 34.8

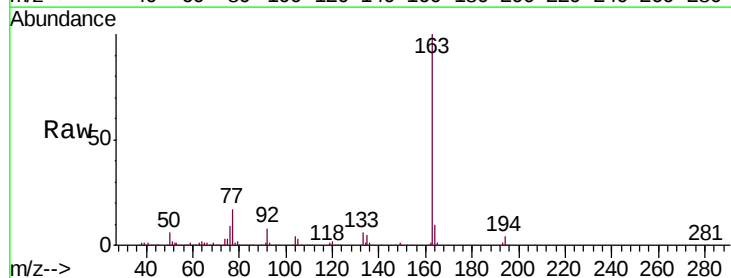


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

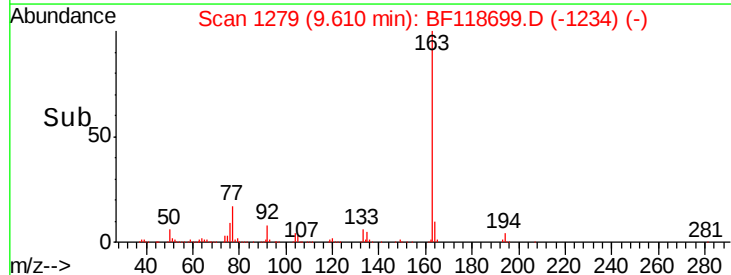
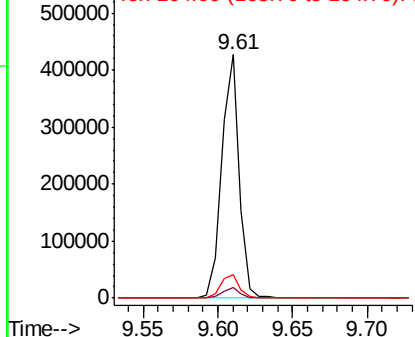


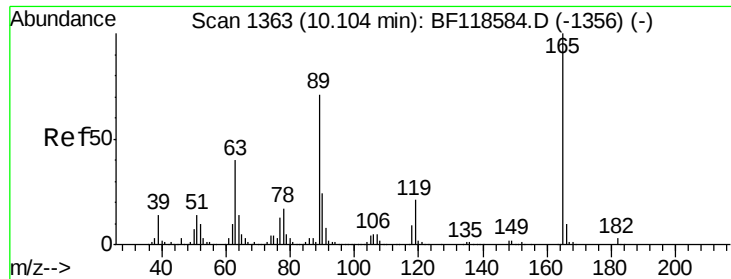
#50
 Dimethylphthalate
 Concen: 10.434 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.04 min
 Lab File: BF118699.D
 Acq: 24 Jan 2020 21:35

Tgt Ion:163 Resp: 351819
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.9 5.9
 164 9.9 9.1 13.7



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

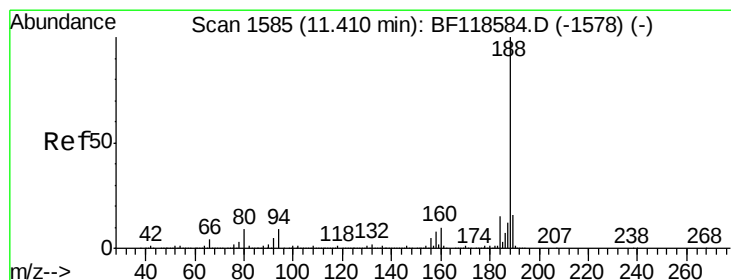
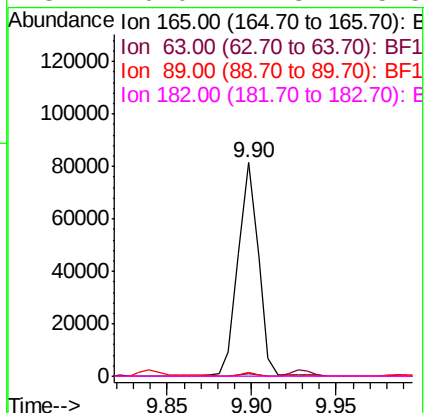
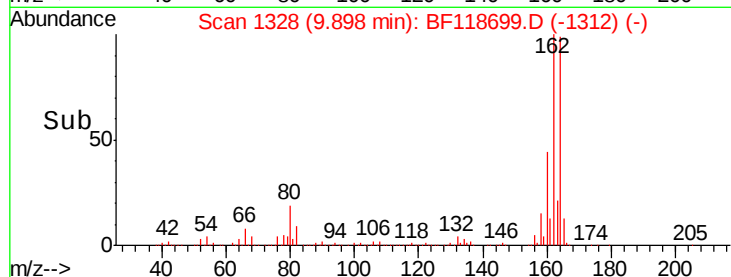
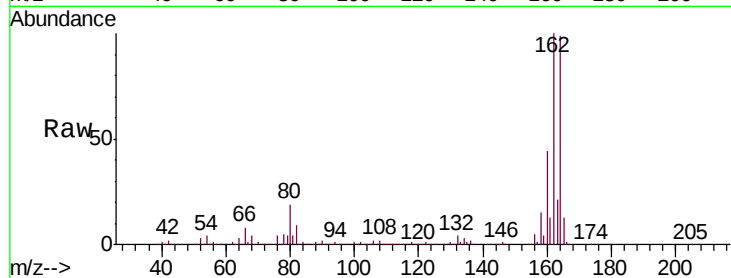




#57
 2,4-Dinitrotoluene
 Concen: 7.222 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.21 min
 Lab File: BF118699.D
 Acq: 24 Jan 2020 21:35

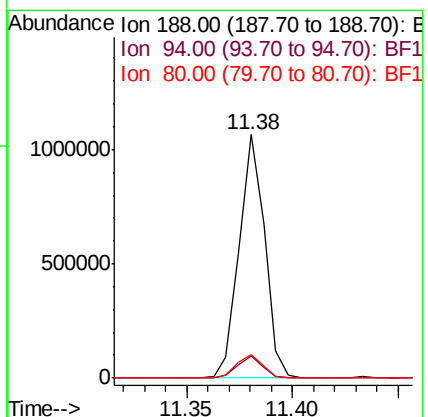
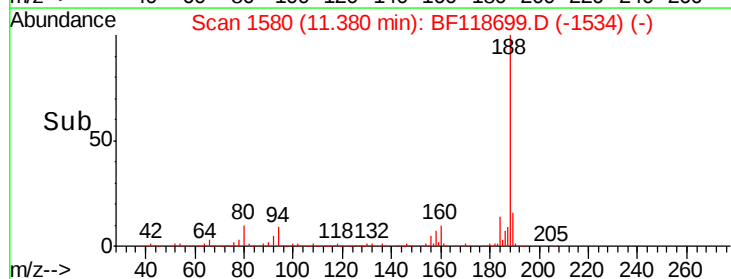
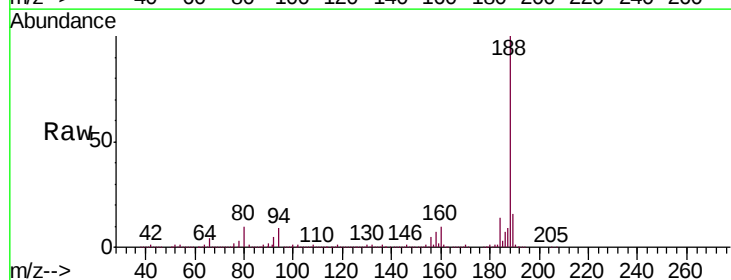
Instrument :
 BNA_F
 ClientSampleId :
 20200065-AMENDED-COMP-3

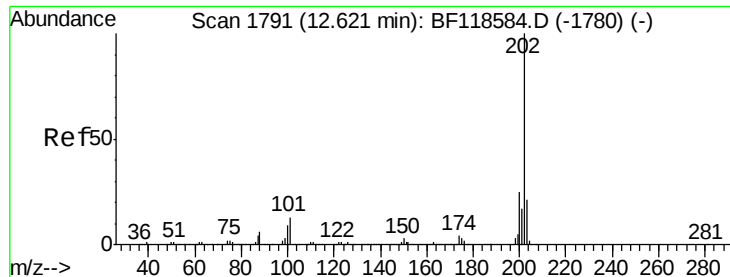
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.4	48.6#
89	1.5	56.4	84.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BF118699.D
 Acq: 24 Jan 2020 21:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.1	10.7
80	9.8	7.5	11.3





#75

Fluoranthene

Concen: 4.438 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.03 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Instrument :

BNA_F

ClientSampleId :

20200065-AMENDED-COMP-3

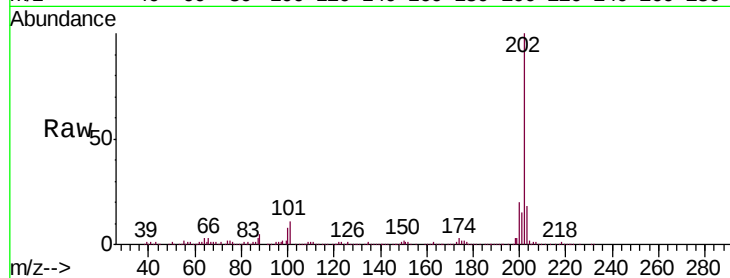
Tgt Ion:202 Resp: 200994

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.5

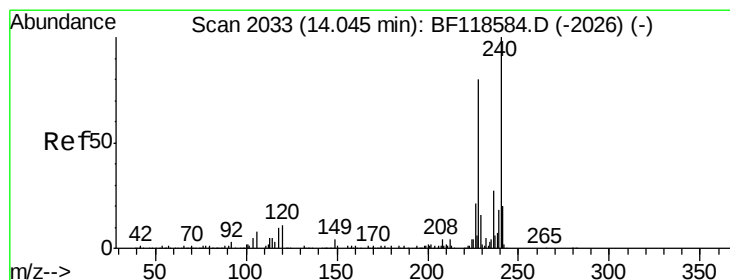
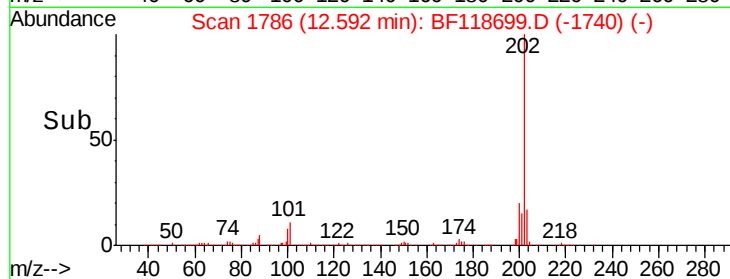
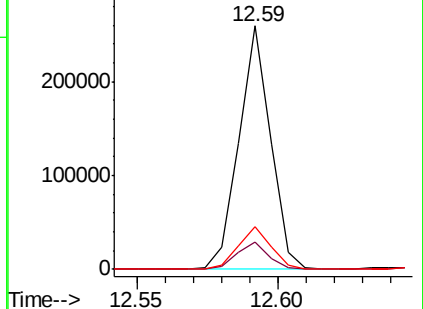
203 17.6 0.8 40.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.03 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

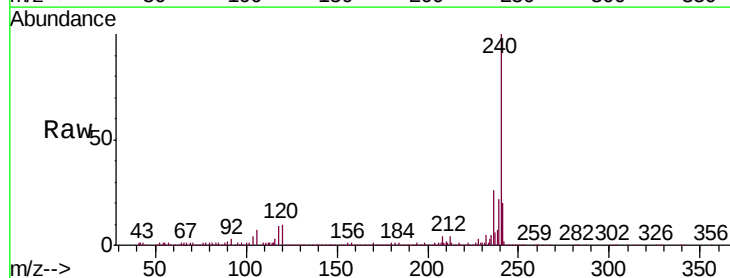
Tgt Ion:240 Resp: 620636

Ion Ratio Lower Upper

240 100

120 9.9 8.9 13.3

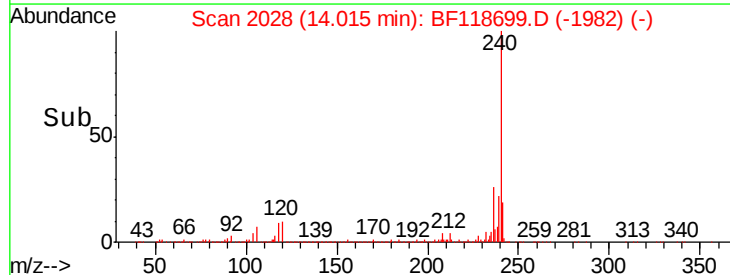
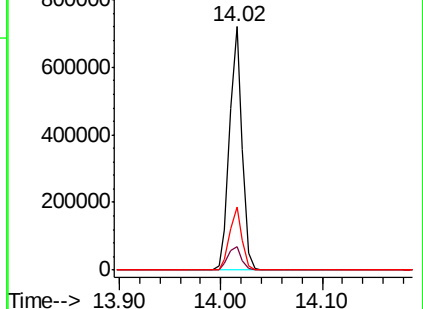
236 26.2 21.5 32.3

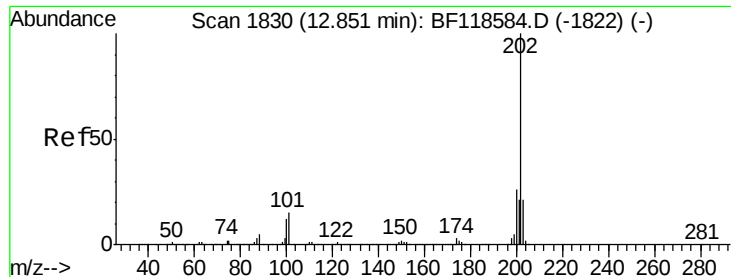


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

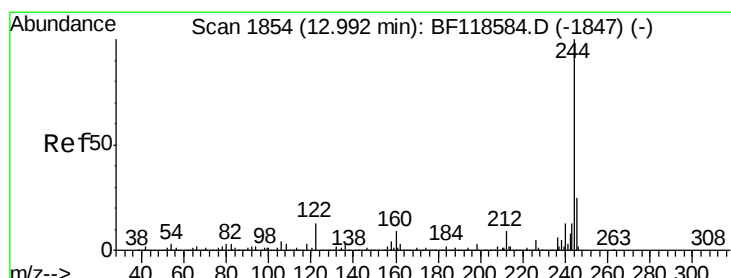
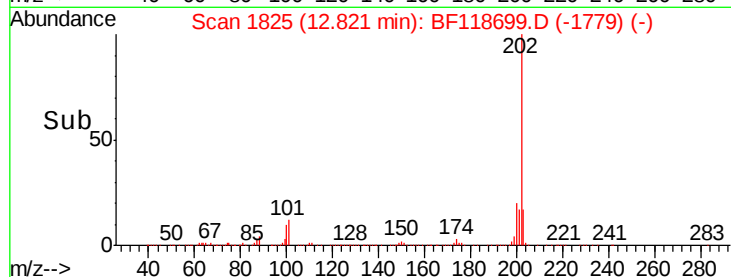
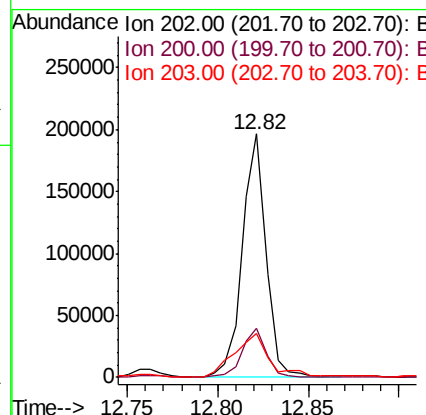
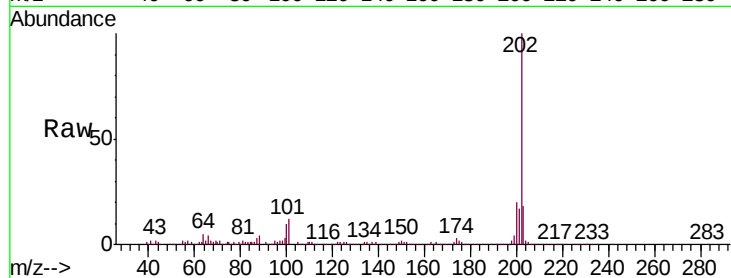




#78
 Pyrene
 Concen: 4.199 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.03 min
 Lab File: BF118699.D
 Acq: 24 Jan 2020 21:35

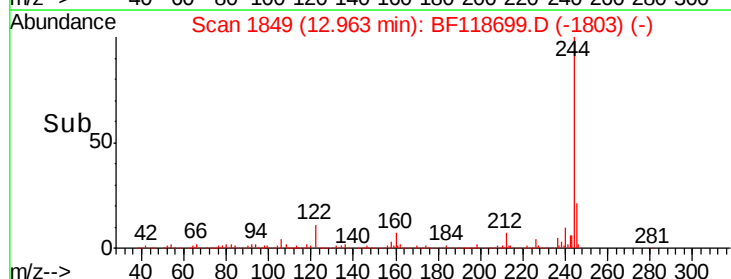
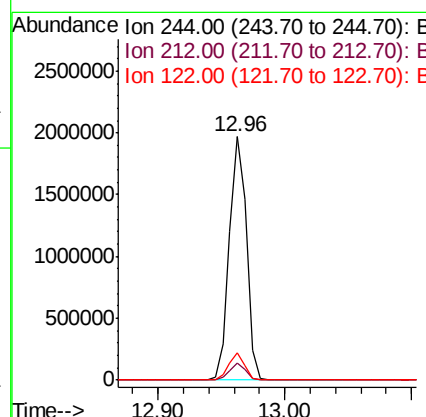
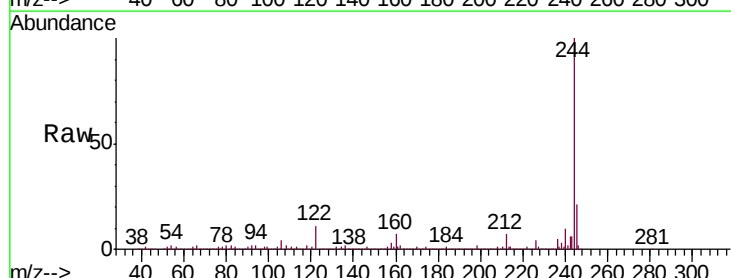
Instrument :
 BNA_F
 ClientSampleId :
 20200065-AMENDED-COMP-3

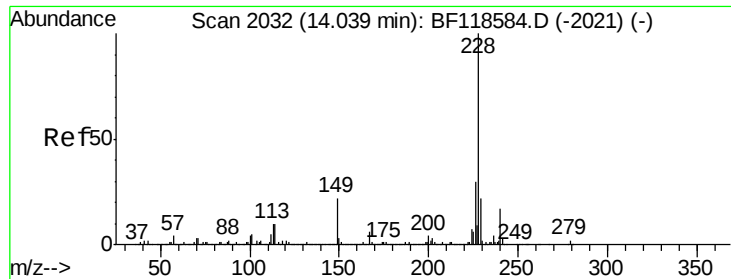
Tgt Ion: 202 Resp: 176923
 Ion Ratio Lower Upper
 202 100
 200 20.2 20.6 31.0#
 203 17.9 16.8 25.2



#79
 Terphenyl-d14
 Concen: 64.828 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.03 min
 Lab File: BF118699.D
 Acq: 24 Jan 2020 21:35

Tgt Ion: 244 Resp: 1844712
 Ion Ratio Lower Upper
 244 100
 212 6.9 7.0 10.4#
 122 11.0 10.7 16.1

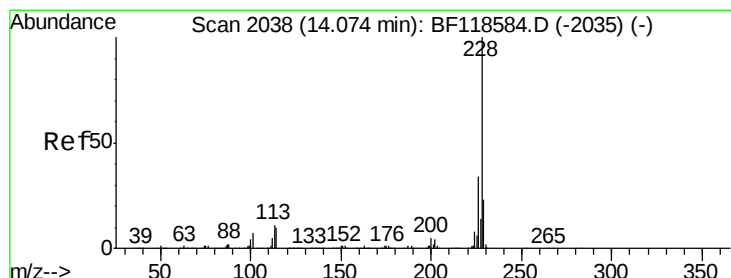
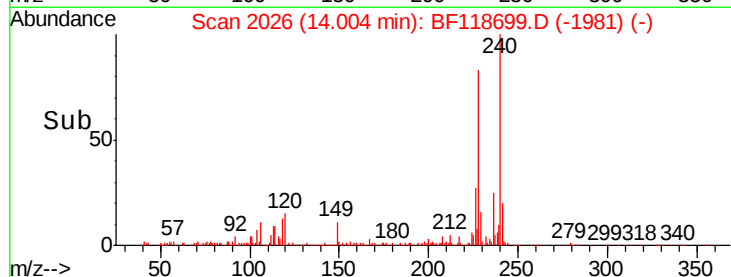
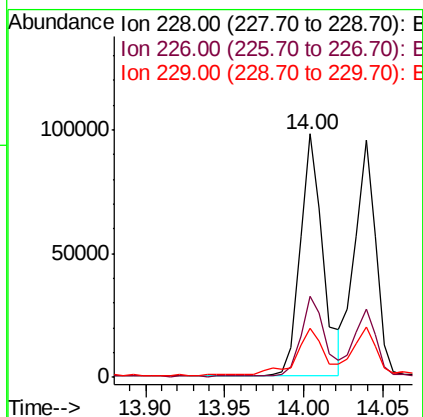
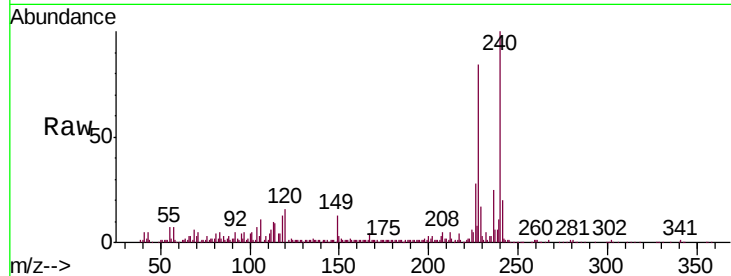




#81
Benzo(a)anthracene
Concen: 2.620 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.04 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

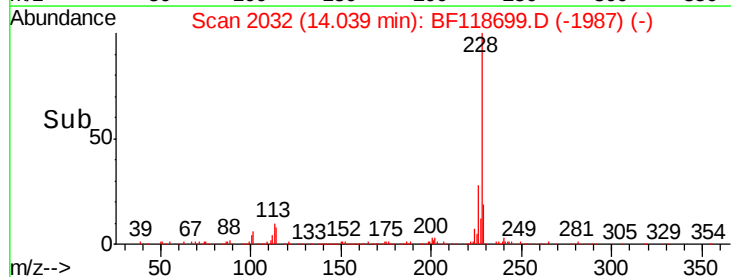
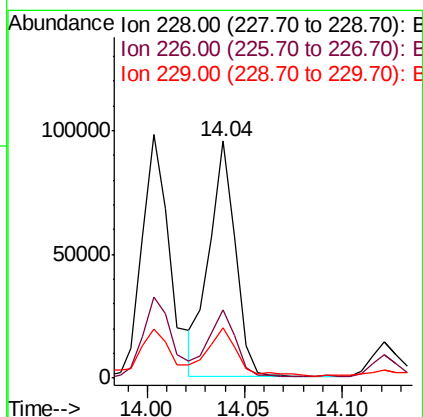
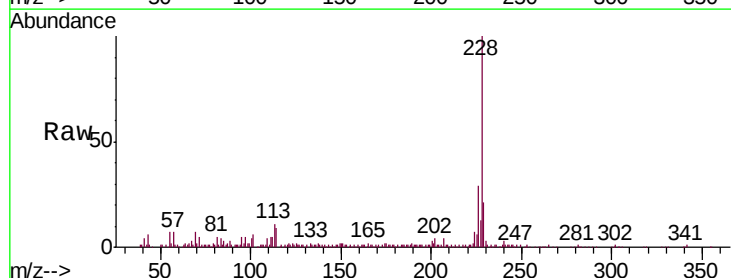
Instrument :
BNA_F
ClientSampleId :
20200065-AMENDED-COMP-3

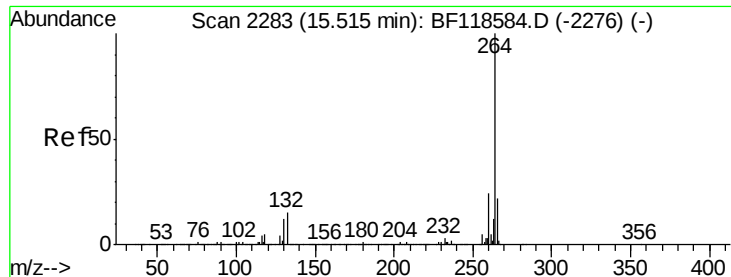
Tgt Ion:228 Resp: 97833
Ion Ratio Lower Upper
228 100
226 33.4 24.1 36.1
229 20.3 17.6 26.4



#83
Chrysene
Concen: 2.500 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.04 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

Tgt Ion:228 Resp: 89450
Ion Ratio Lower Upper
228 100
226 28.7 27.4 41.0
229 21.2 18.3 27.5



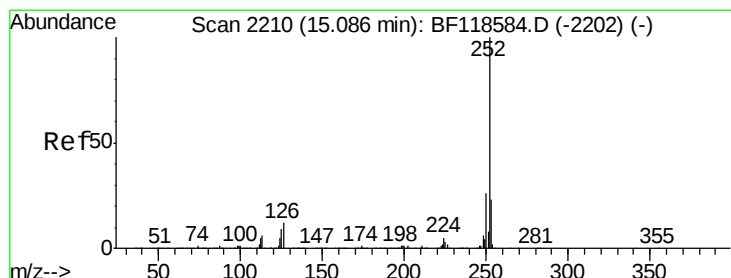
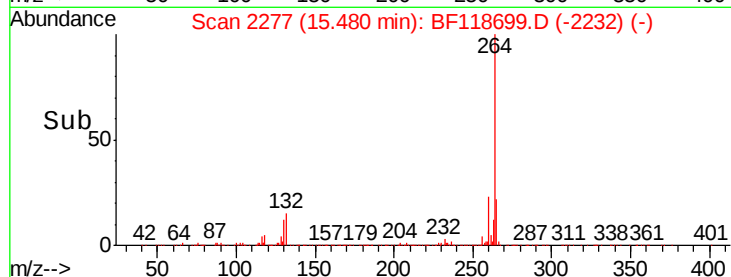
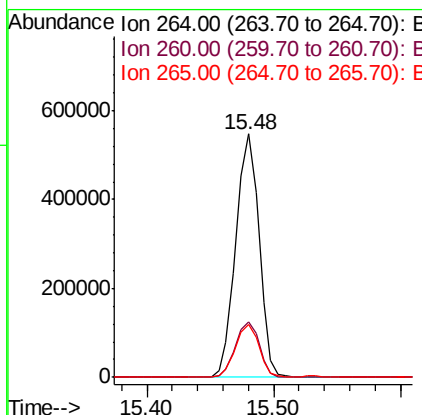
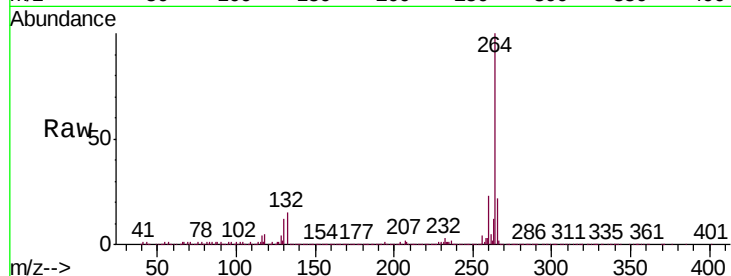


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.04 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

Instrument :
BNA_F
ClientSampleId :
20200065-AMENDED-COMP-3

Tgt Ion: 264 Resp: 697100

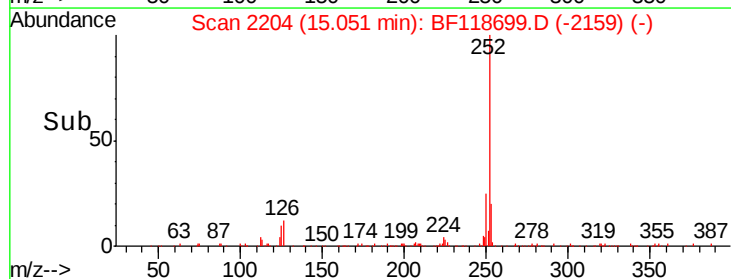
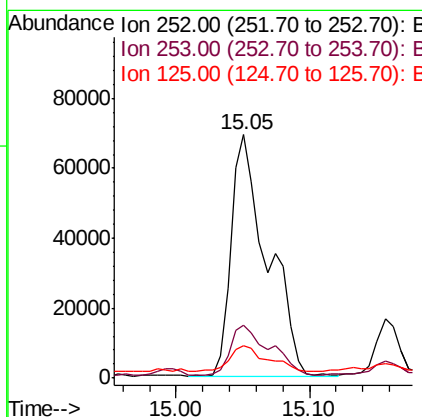
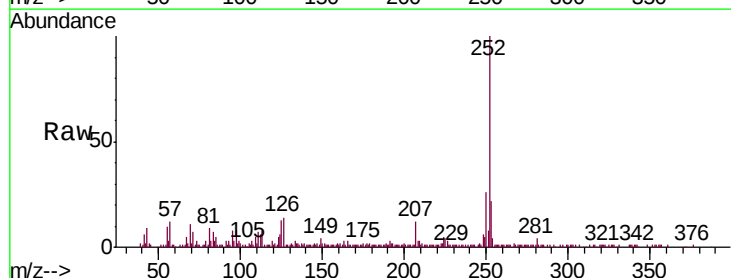
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	21.9	17.7	26.5

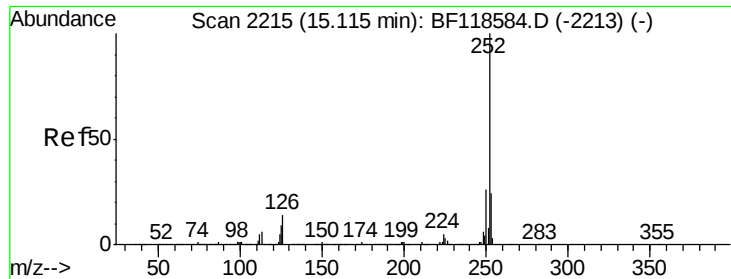


#88
Benzo(b)fluoranthene
Concen: 2.985 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

Tgt Ion: 252 Resp: 130792

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.7	28.1
125	13.1	7.3	10.9





#89

Benzo(k)fluoranthene

Concen: 3.222 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.06 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Instrument :

BNA_F

ClientSampleId :

20200065-AMENDED-COMP-3

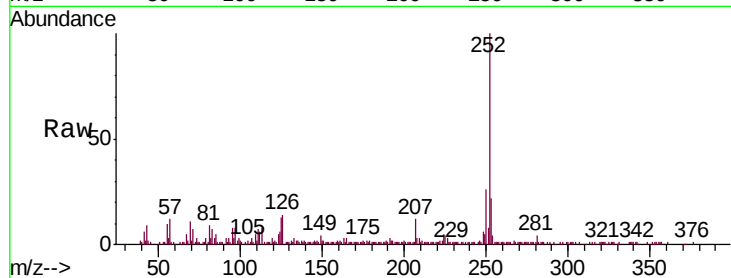
Tgt Ion: 252 Resp: 130792

Ion Ratio Lower Upper

252 100

253 21.8 19.0 28.4

125 13.1 7.6 11.4#



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

