

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119967.D
 Acq On : 14 Apr 2020 22:08
 Operator : MA/SJ
 Sample : L2244-13
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMP

Quant Time: Apr 15 02:30:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

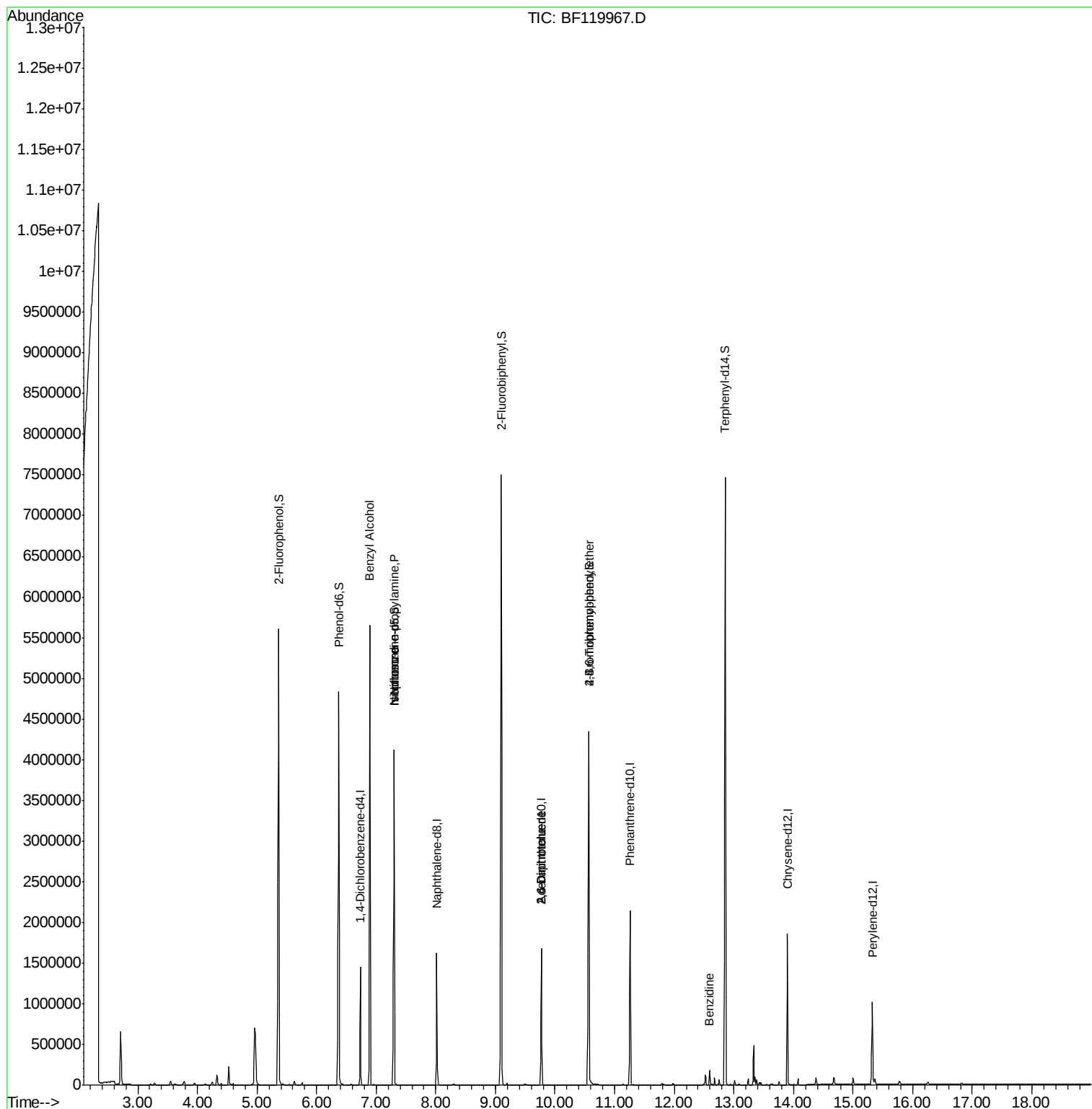
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	194582	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	747496	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	396919	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	798590	20.00	ng	0.00
76) Chrysene-d12	13.90	240	594506	20.00	ng	-0.01
87) Perylene-d12	15.32	264	455508	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1735229	154.11	ng	0.02
7) Phenol-d6	6.37	99	1963163	135.31	ng	0.00
23) Nitrobenzene-d5	7.30	82	1471531	101.84	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	659975	135.81	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2713391	97.06	ng	0.00
79) Terphenyl-d14	12.86	244	3231628	91.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	701	Below Cal		83
15) Benzyl Alcohol	6.89	79	24257	2.153 ng	#	49
19) n-Nitroso-di-n-propylamine	7.30	70	196107	21.020 ng	#	73
25) Isophorone	7.30	82	1469632	52.763 ng	#	65
51) 2,6-Dinitrotoluene	9.77	165	51428	7.650 ng	#	19
57) 2,4-Dinitrotoluene	9.77	165	51428	5.806 ng	#	22
67) 4-Bromophenyl-phenylether	10.57	248	41291	4.158 ng	#	1
77) Benzidine	12.59	184	65395	3.254 ng		99

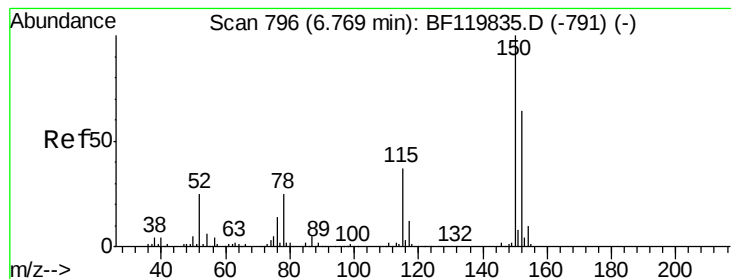
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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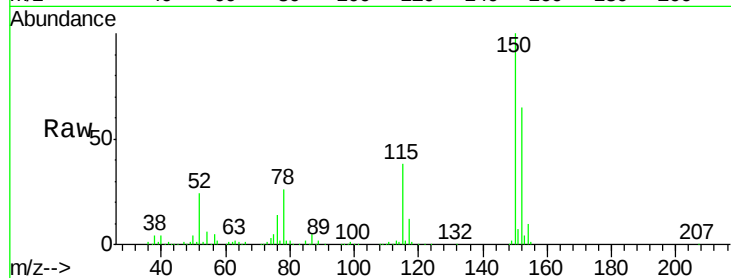


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119967.D
Acq: 14 Apr 2020 22:08

Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.8	187.2
115	58.6	46.5	69.7

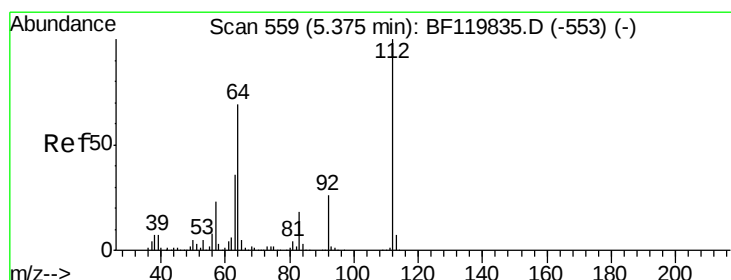
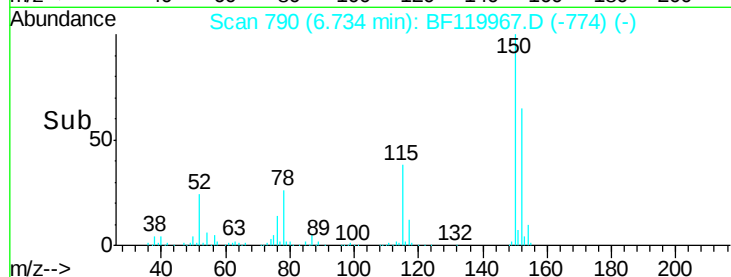
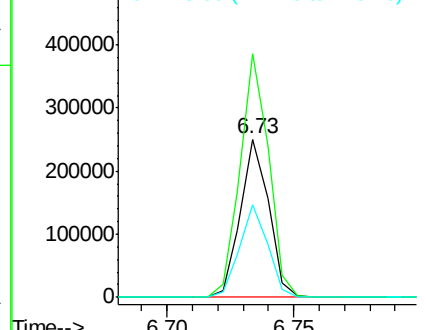


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

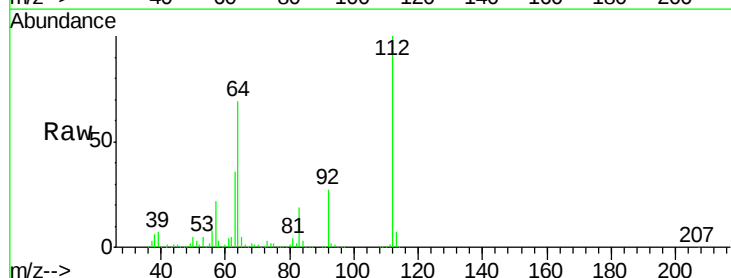
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 154.115 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF119967.D
Acq: 14 Apr 2020 22:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	55.5	83.3
63	35.7	29.1	43.7

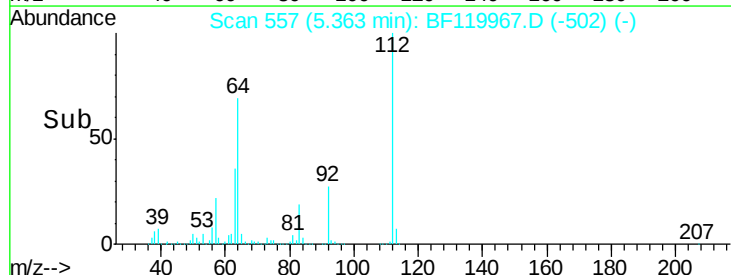
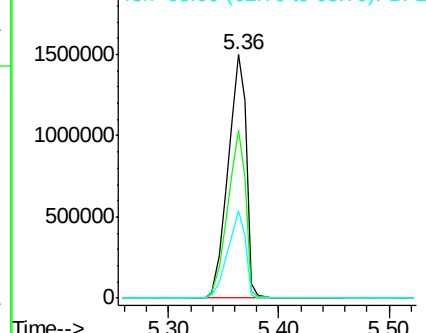


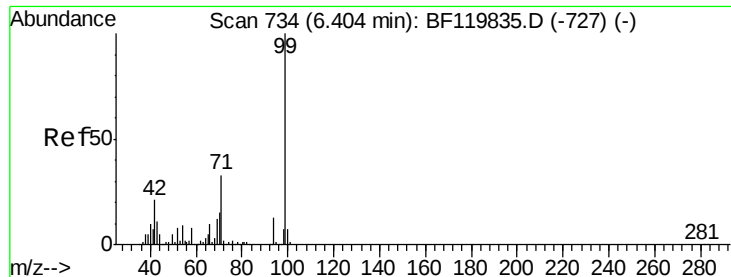
Abundance

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: 135.314 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF119967.D

Acq: 14 Apr 2020 22:08

Instrument :

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TP-23-22-COMP

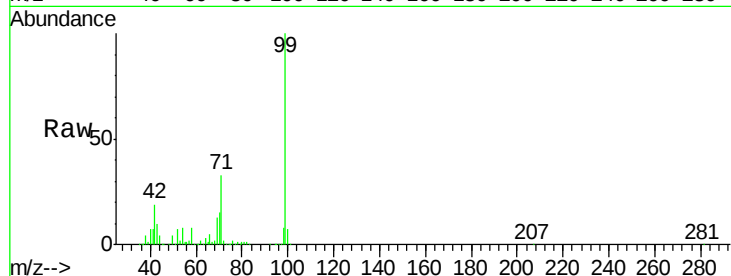
Tot Ion: 99 Resp: 1963163

Ion Ratio Lower Upper

99 100

42 19.3 16.9 25.3

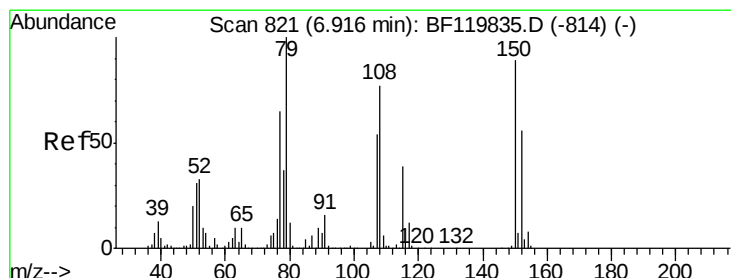
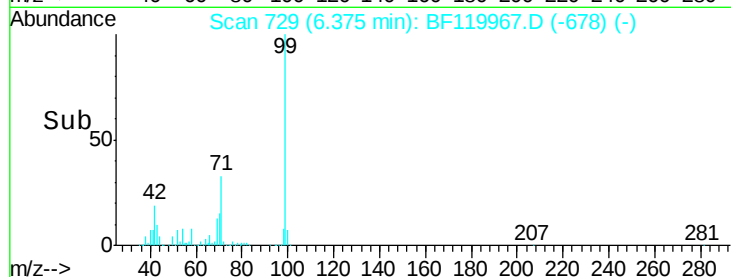
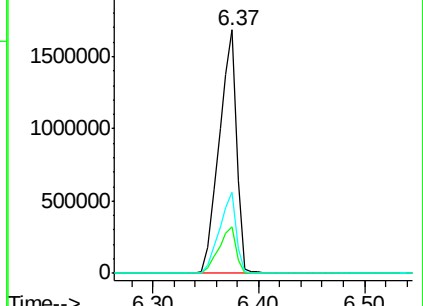
71 33.3 26.3 39.5



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



#15

Benzyl Alcohol

Concen: 2.153 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF119967.D

Acq: 14 Apr 2020 22:08

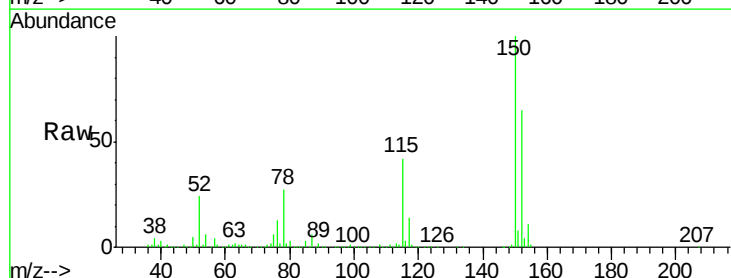
Tgt Ion: 79 Resp: 24257

Ion Ratio Lower Upper

79 100

108 29.1 62.0 93.0#

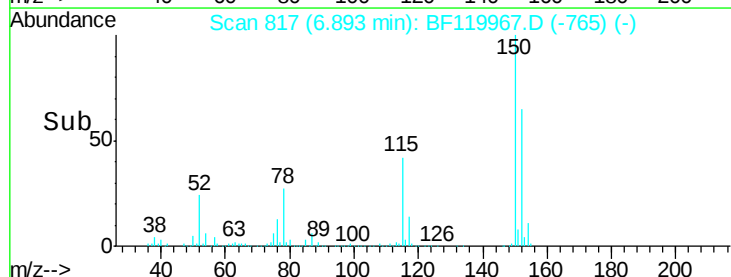
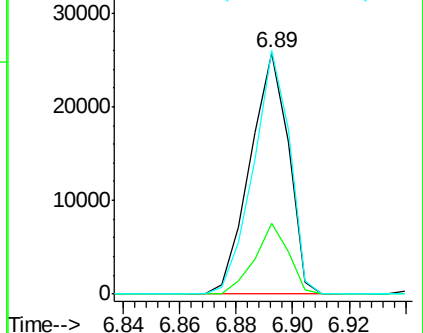
77 100.9 51.8 77.6#

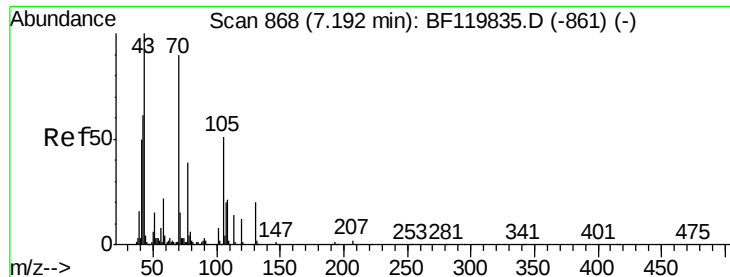


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

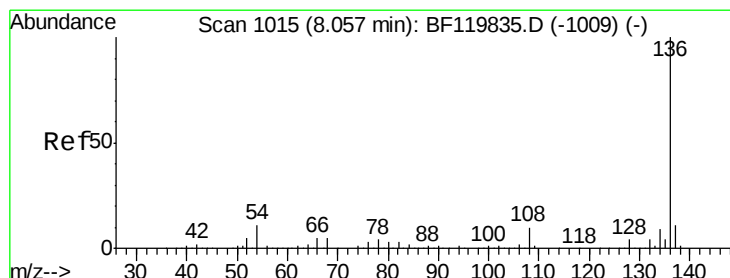
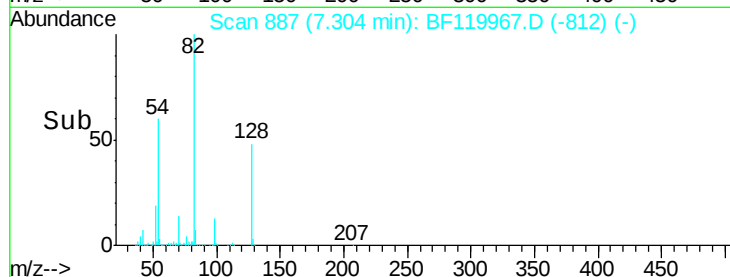
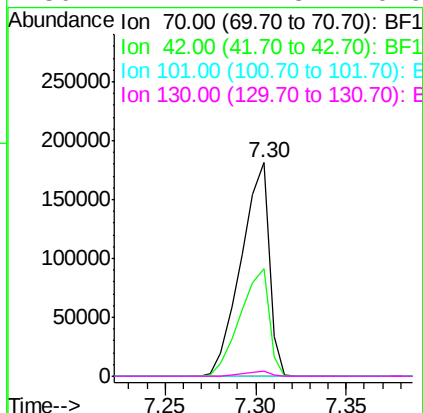
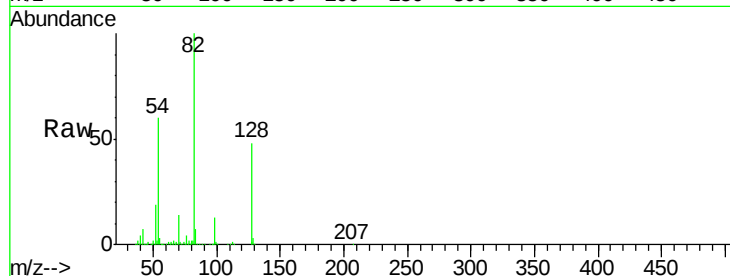




#19
n-Nitroso-di-n-propylamine
Concen: 21.020 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF119967.D
Acq: 14 Apr 2020 22:08

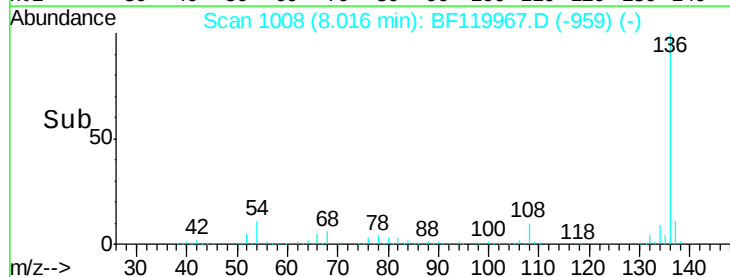
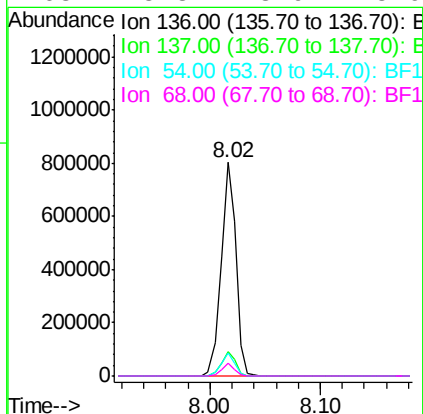
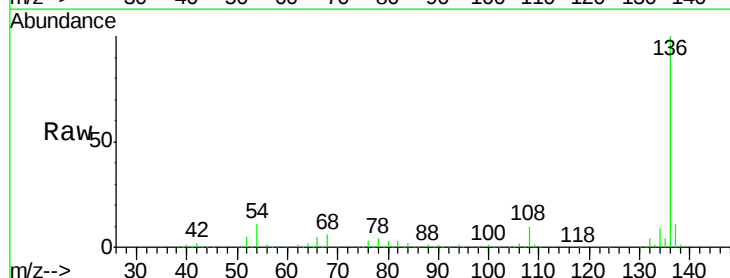
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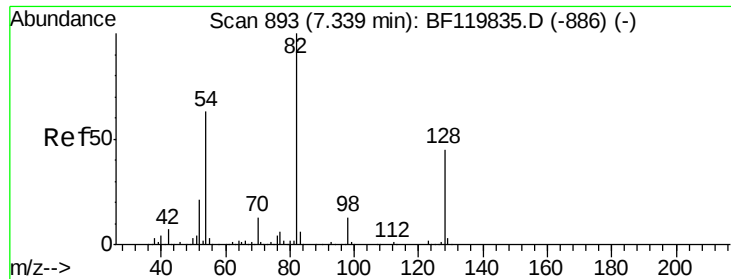
Tot Ion: 70 Resp: 196107
Ion Ratio Lower Upper
70 100
42 50.1 54.2 81.4#
101 0.0 7.4 11.2#
130 2.2 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119967.D
Acq: 14 Apr 2020 22:08

Tgt Ion: 136 Resp: 747496
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 10.7 8.5 12.7
68 5.8 3.9 5.9

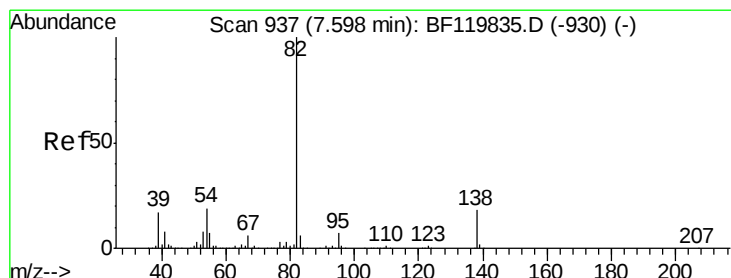
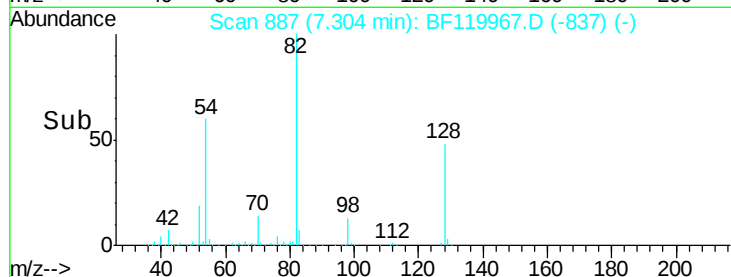
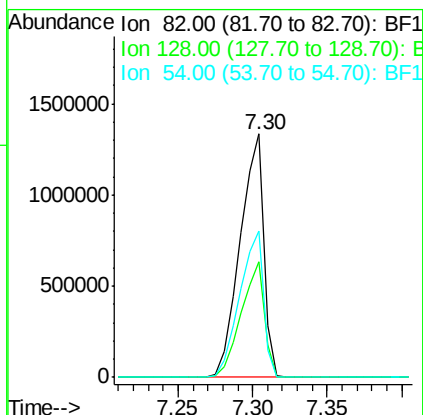
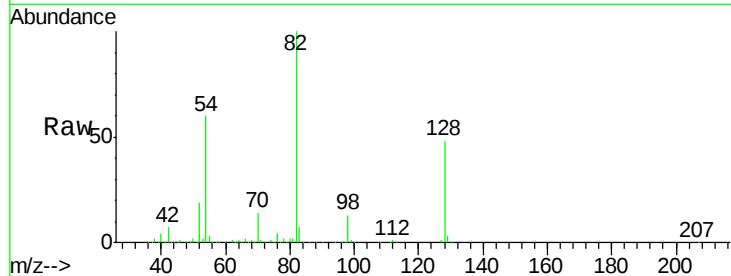




#23
Nitrobenzene-d5
Concen: 101.843 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119967.D
Acq: 14 Apr 2020 22:08

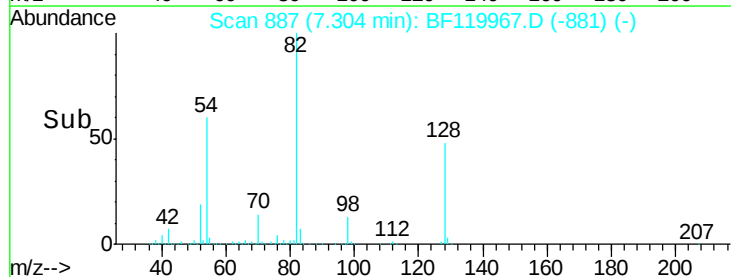
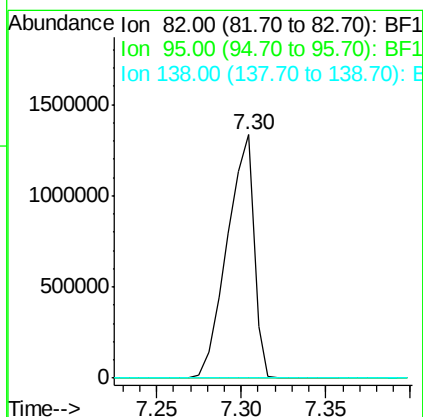
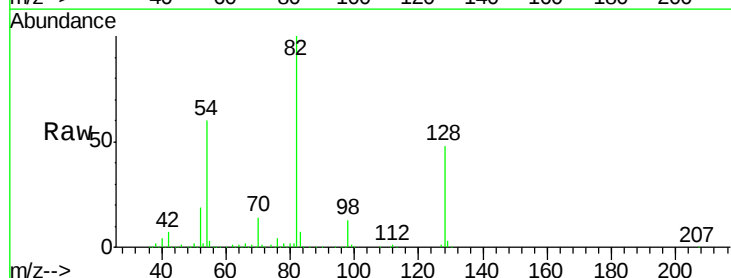
Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMP

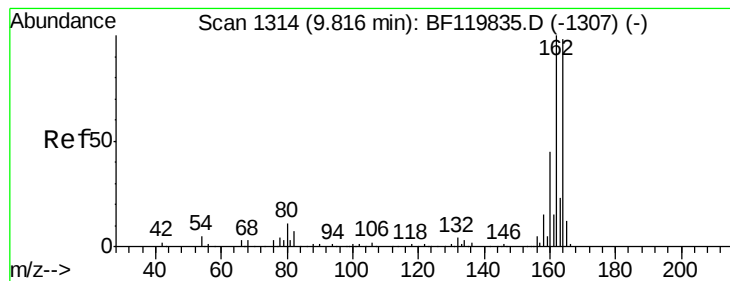
Tot Ion: 82 Resp: 1471531
Ion Ratio Lower Upper
82 100
128 47.7 36.2 54.4
54 60.2 50.4 75.6



#25
Isophorone
Concen: 52.763 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BF119967.D
Acq: 14 Apr 2020 22:08

Tgt Ion: 82 Resp: 1469632
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.5 21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119967.D

Acq: 14 Apr 2020 22:08

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMP

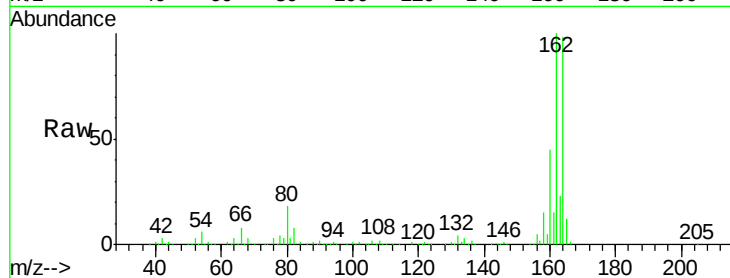
Tot Ion:164 Resp: 396919

Ion Ratio Lower Upper

164 100

162 102.3 81.9 122.9

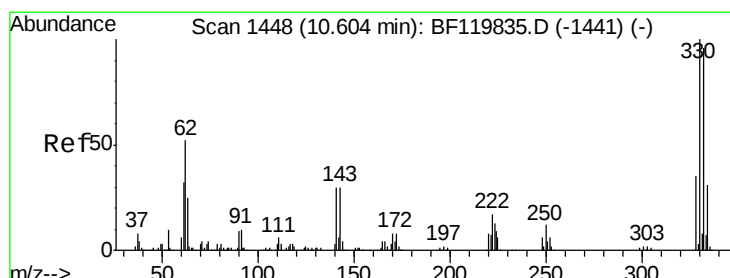
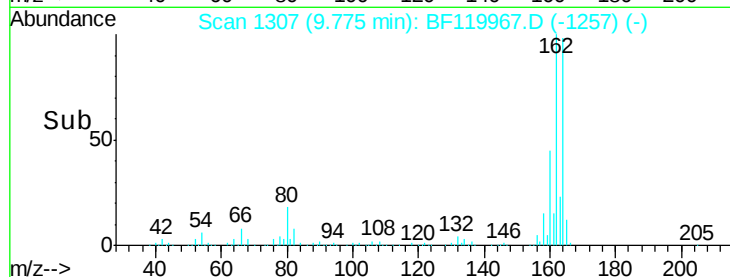
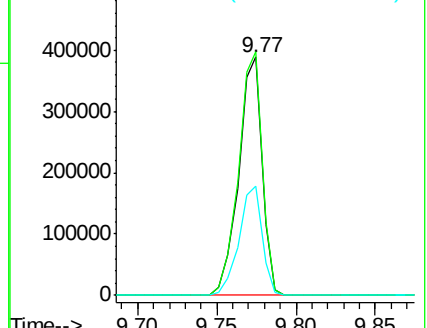
160 46.1 36.6 54.8



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: 135.807 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF119967.D

Acq: 14 Apr 2020 22:08

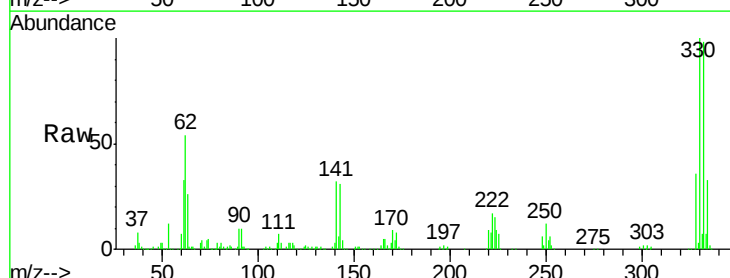
Tgt Ion:330 Resp: 659975

Ion Ratio Lower Upper

330 100

332 97.3 76.8 115.2

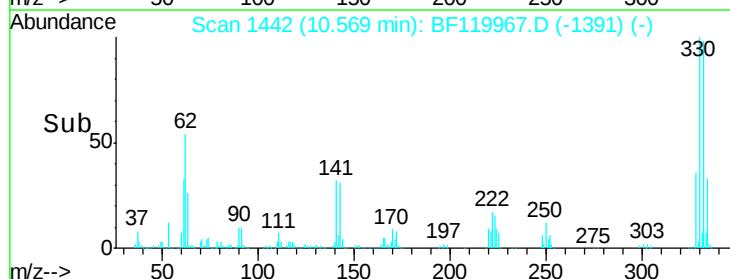
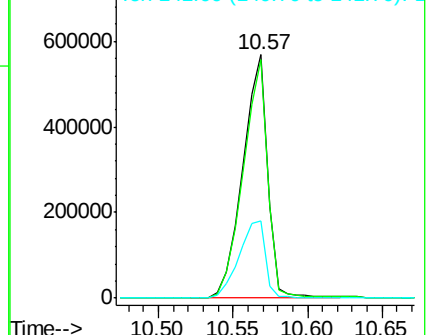
141 34.3 25.1 37.7

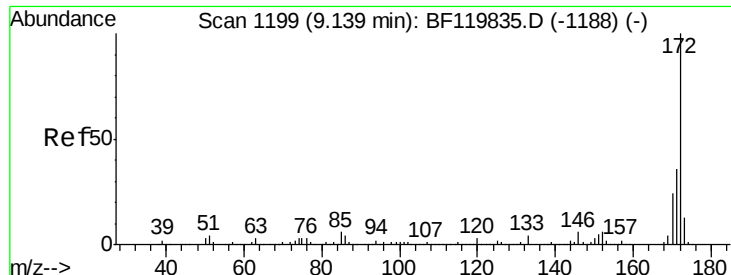


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

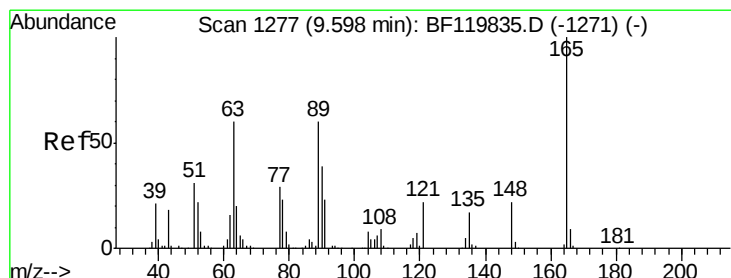
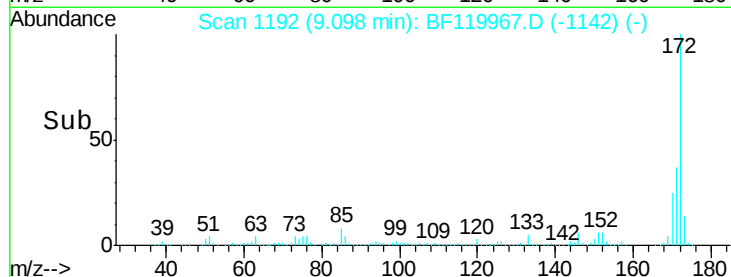
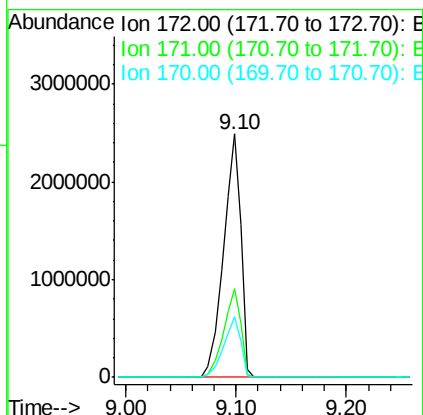
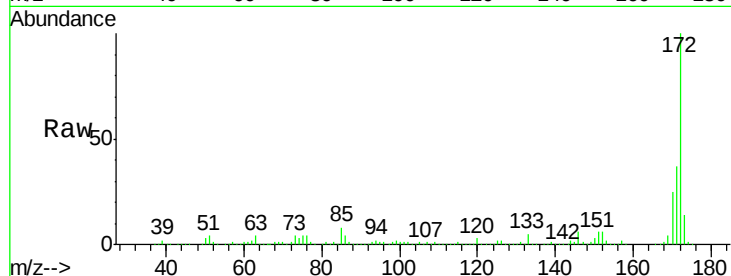




#45
2-Fluorobiphenyl
Concen: 97.058 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF119967.D
Acq: 14 Apr 2020 22:08

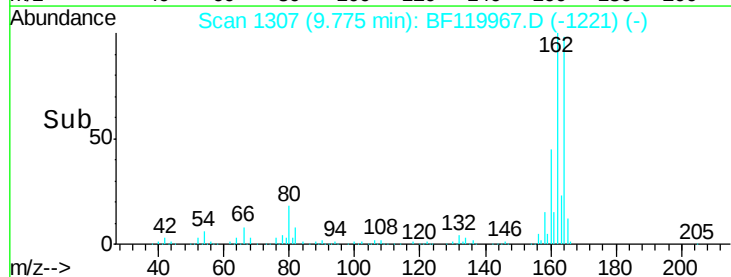
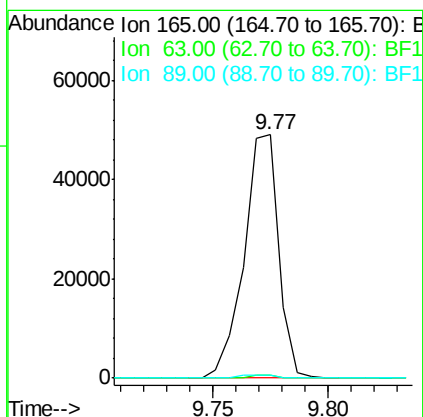
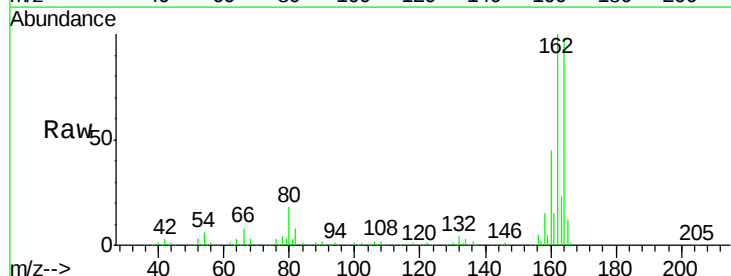
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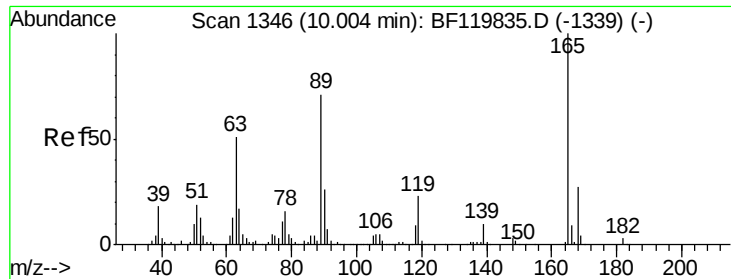
Tot Ion:172 Resp: 2713391
Ion Ratio Lower Upper
172 100
171 36.6 28.9 43.3
170 24.8 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.650 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF119967.D
Acq: 14 Apr 2020 22:08

Tgt Ion:165 Resp: 51428
Ion Ratio Lower Upper
165 100
63 1.0 55.6 83.4#
89 1.3 47.9 71.9#

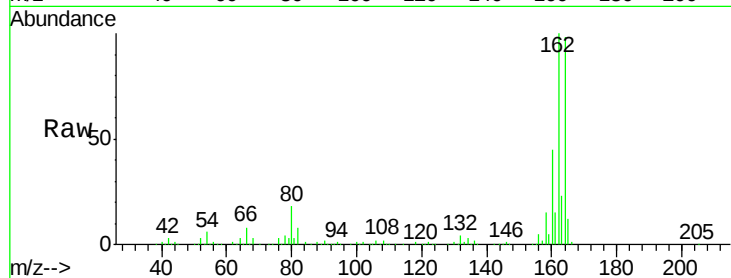




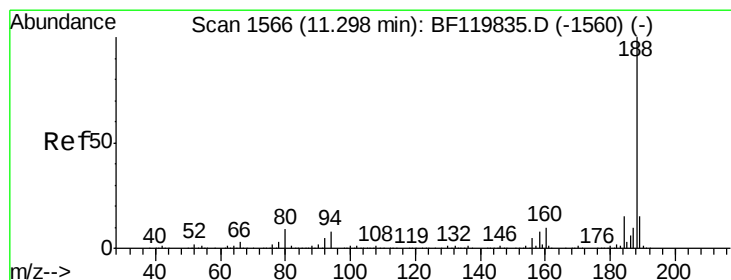
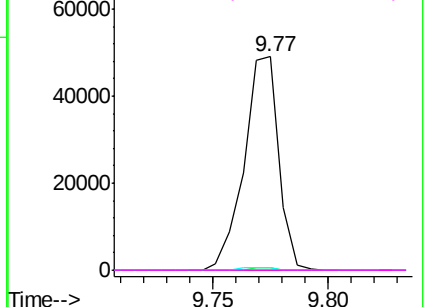
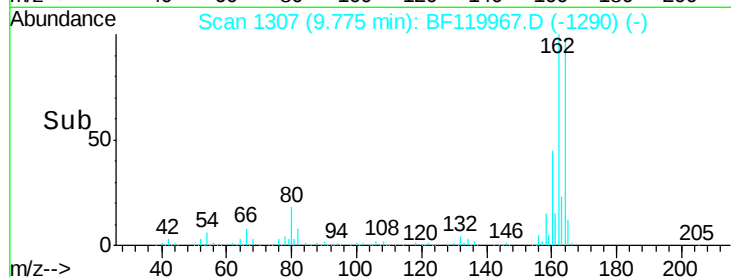
#57
 2,4-Dinitrotoluene
 Concen: 5.806 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF119967.D
 Acq: 14 Apr 2020 22:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMP

Tot Ion:165 Resp: 51428
 Ion Ratio Lower Upper
 165 100
 63 1.0 40.8 61.2#
 89 1.3 56.9 85.3#
 182 0.0 2.0 3.0#

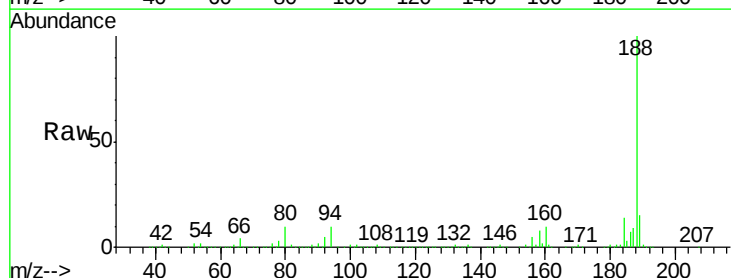


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

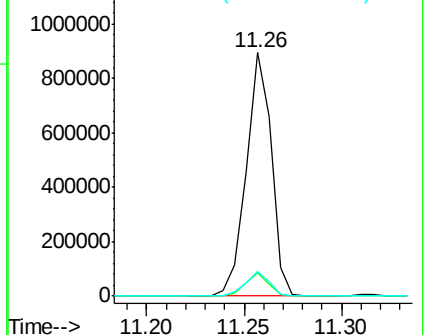
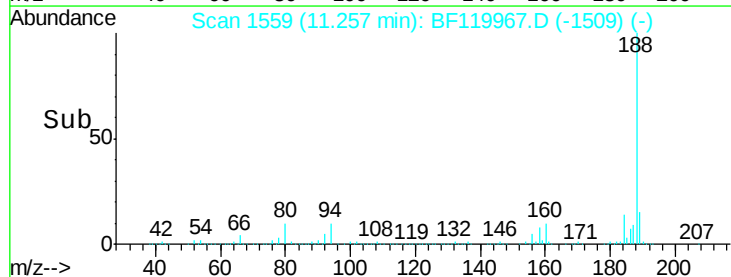


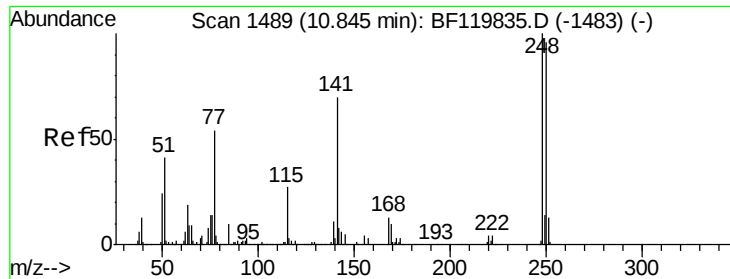
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF119967.D
 Acq: 14 Apr 2020 22:08

Tgt Ion:188 Resp: 798590
 Ion Ratio Lower Upper
 188 100
 94 9.7 6.7 10.1
 80 10.1 7.4 11.2



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

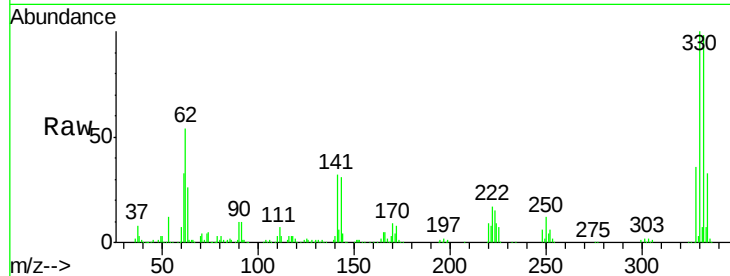




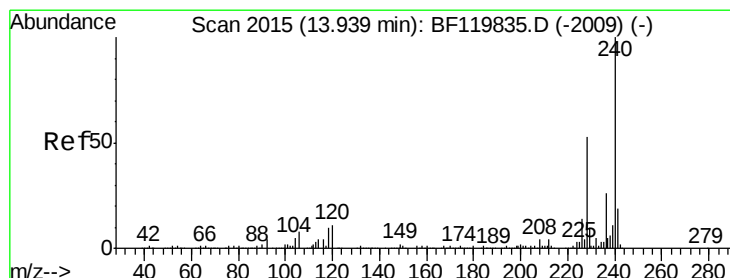
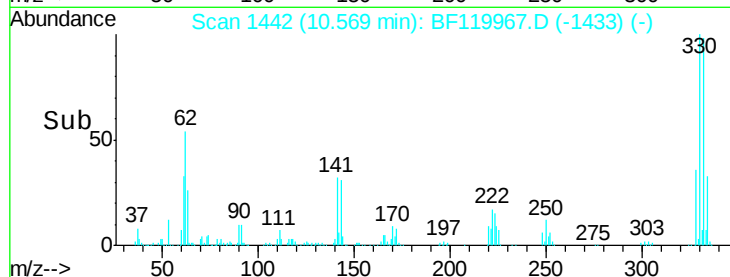
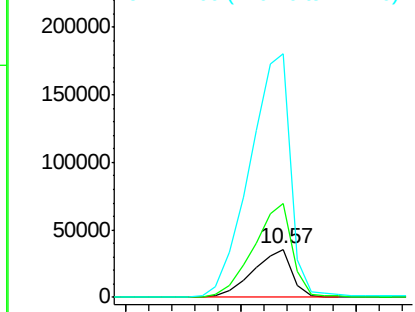
#67
 4-Bromophenyl-phenylether
 Concen: 4.158 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF119967.D
 Acq: 14 Apr 2020 22:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMP

Tot Ion:248 Resp: 41291
 Ion Ratio Lower Upper
 248 100
 250 196.4 76.6 114.8#
 141 508.4 55.9 83.9#

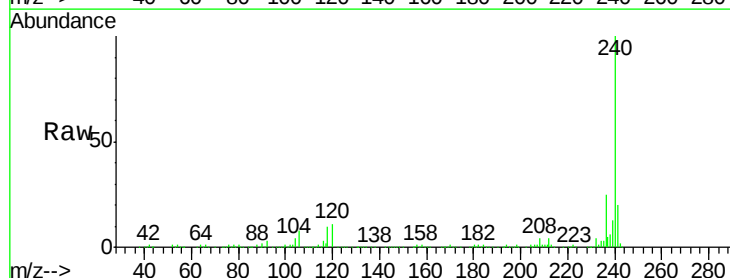


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

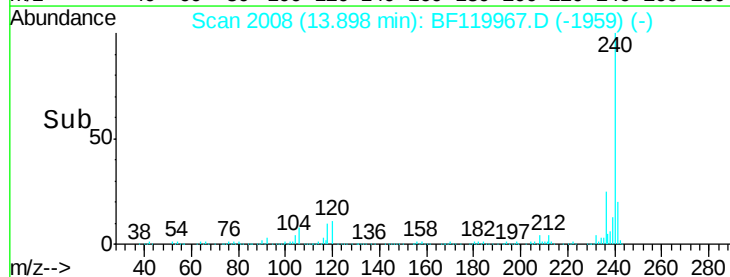
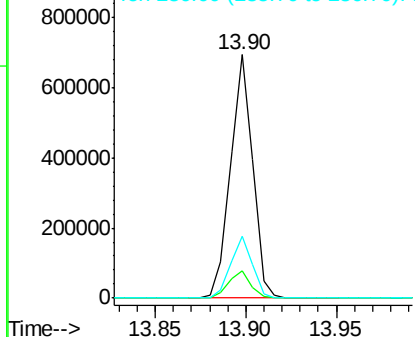


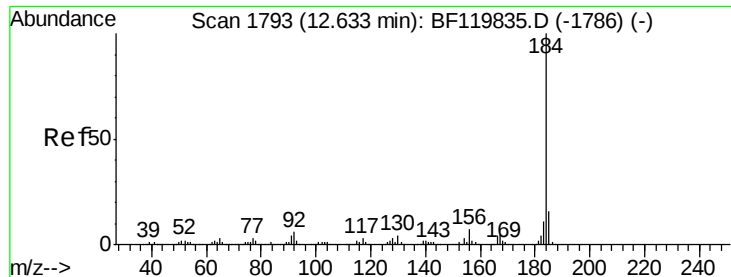
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119967.D
 Acq: 14 Apr 2020 22:08

Tgt Ion:240 Resp: 594506
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.0 13.6
 236 25.2 20.7 31.1



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





#77

Benzidine

Concen: 3.254 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119967.D

Acq: 14 Apr 2020 22:08

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMP

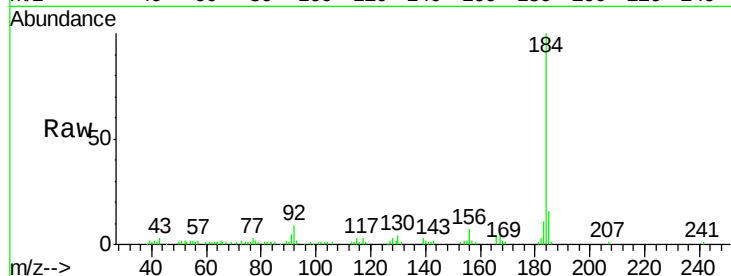
Tot Ion:184 Resp: 65395

Ion Ratio Lower Upper

184 100

185 15.9 13.2 19.8

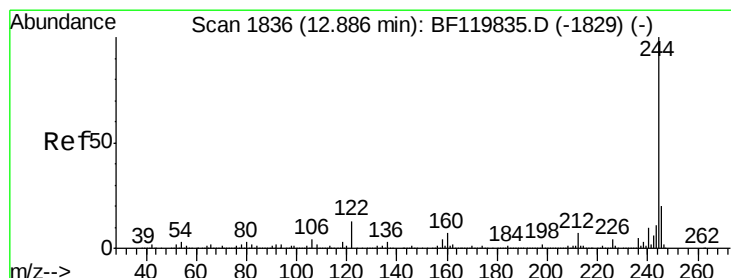
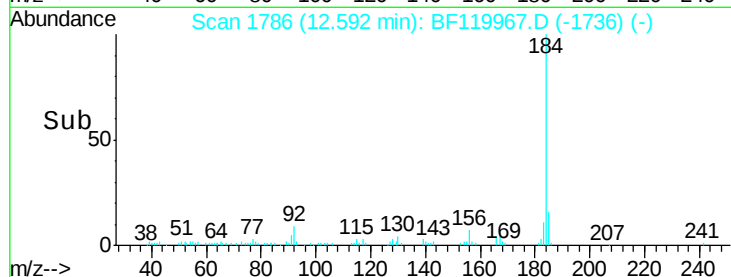
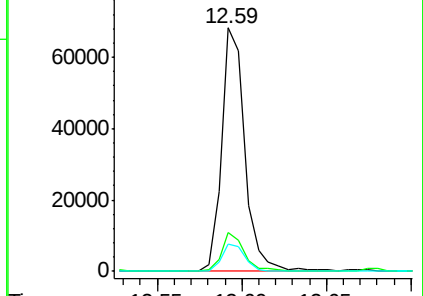
183 11.3 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 91.466 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF119967.D

Acq: 14 Apr 2020 22:08

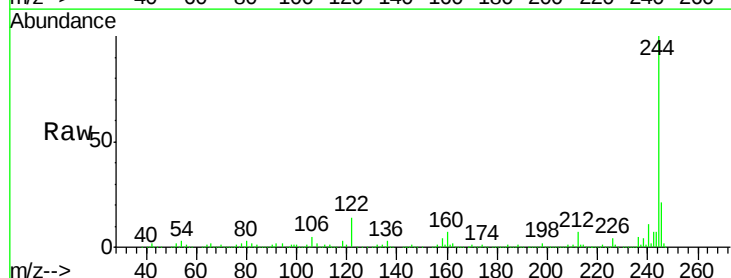
Tgt Ion:244 Resp: 3231628

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

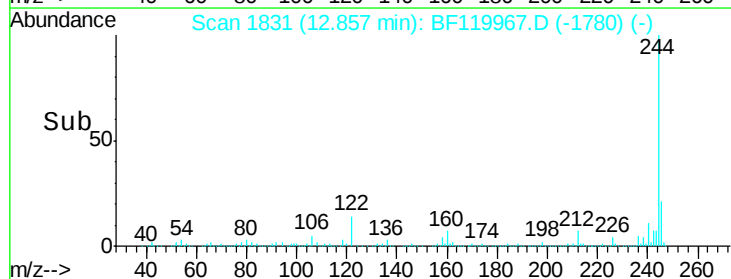
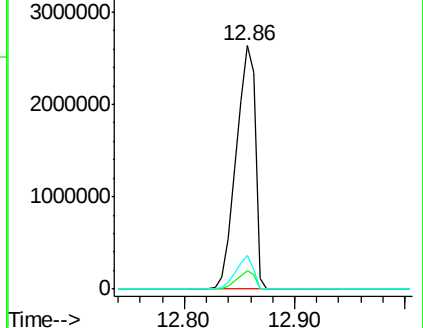
122 14.0 10.3 15.5

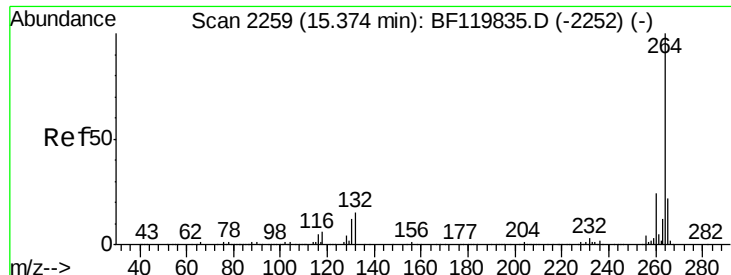


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

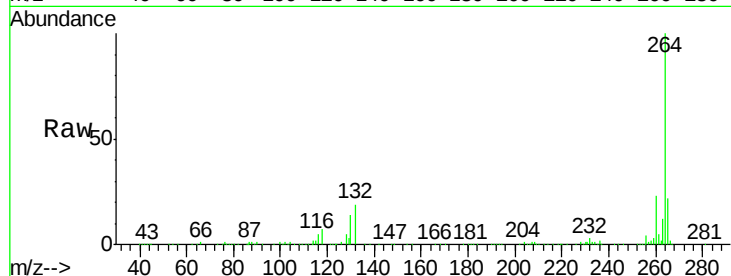




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF119967.D
 Acq: 14 Apr 2020 22:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	21.6	17.6	26.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

