

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 03:16:11 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

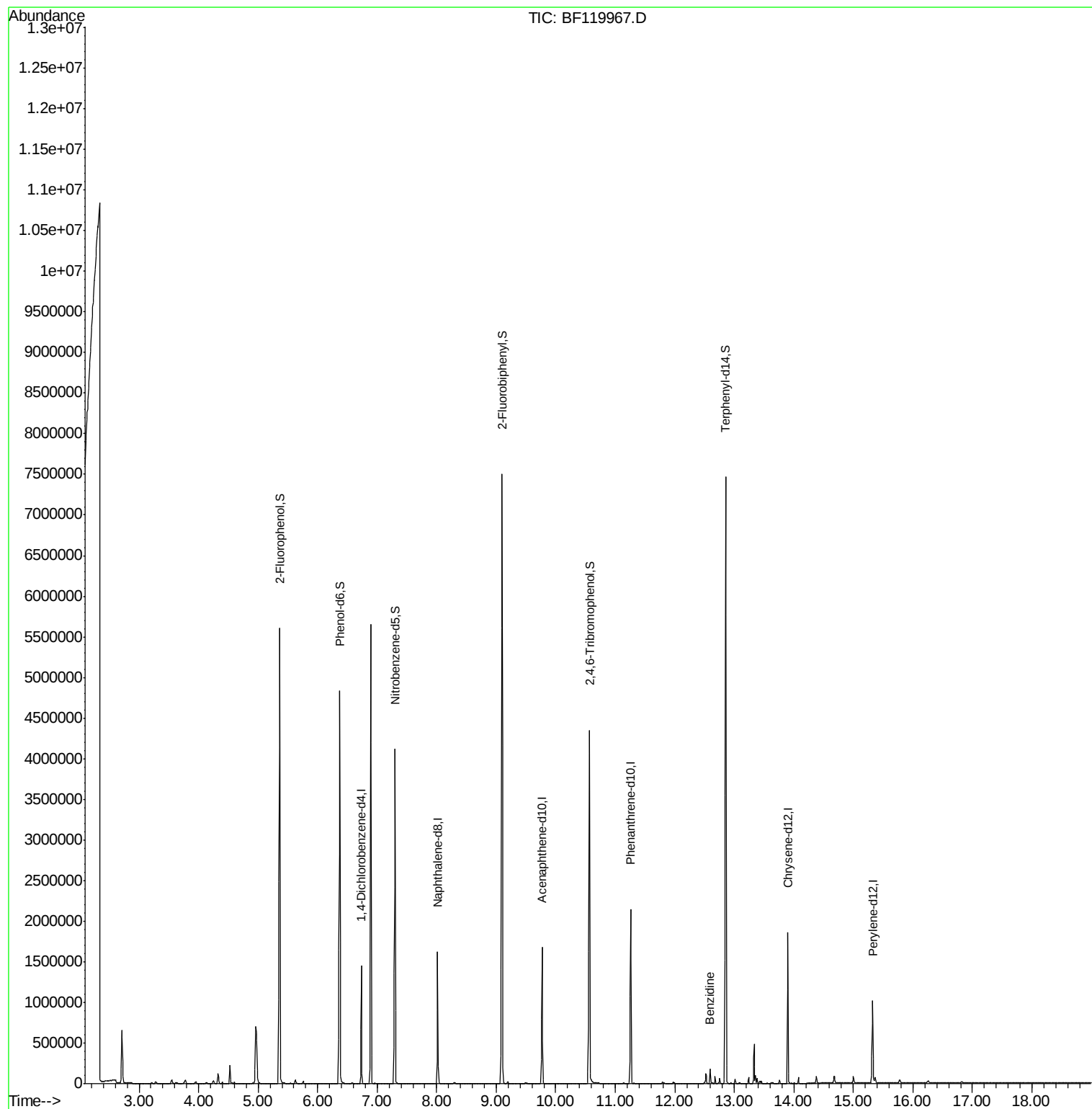
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	194582	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	747496	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	396919	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	798590	20.00	ng	0.00
76) Chrysene-d12	13.90	240	594506	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						
77) Benzidine	12.59	184	65395	3.254	ng	Qvalue 99

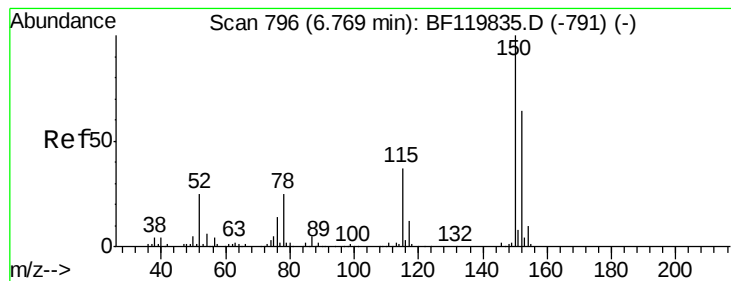
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

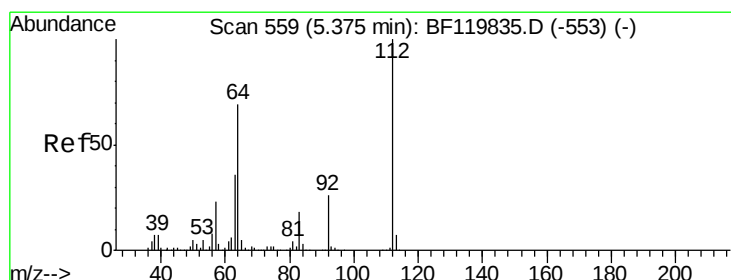
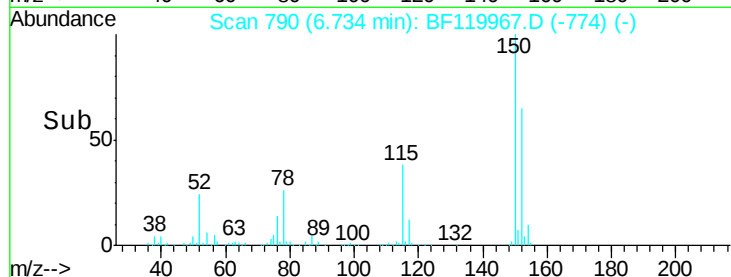
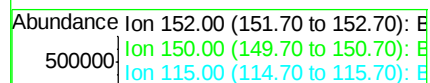
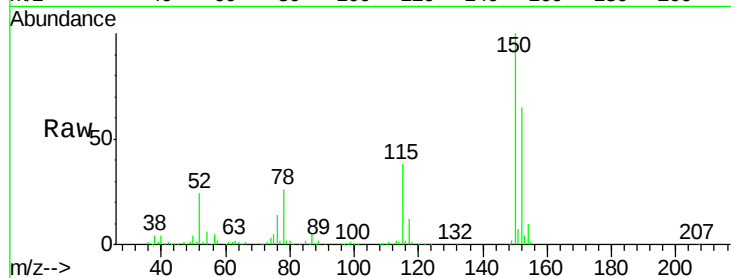
Tot Ion:152 Resp: 194582

Ion Ratio Lower Upper

152 100

150 153.9 124.8 187.2

115 58.6 46.5 69.7



#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

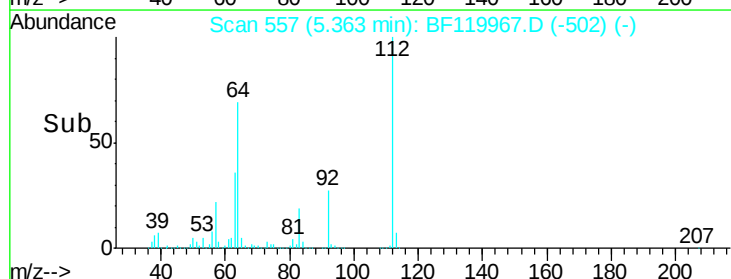
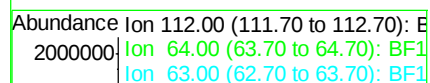
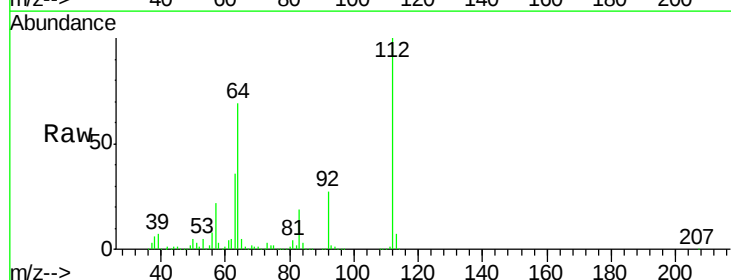
Tgt Ion:112 Resp: 1735229

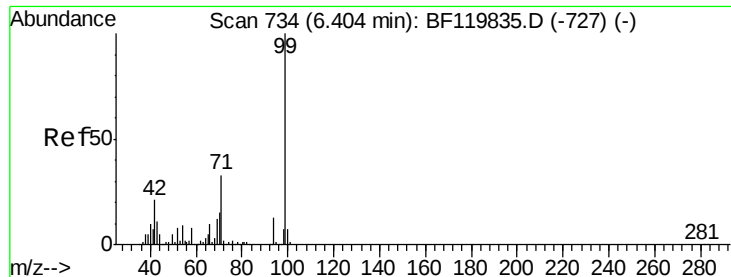
Ion Ratio Lower Upper

112 100

64 69.3 55.5 83.3

63 35.7 29.1 43.7





#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 :

BNA_F

ClientSampleId :

TP-23-22-COMP

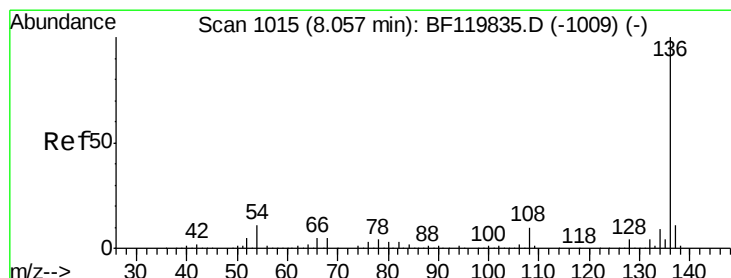
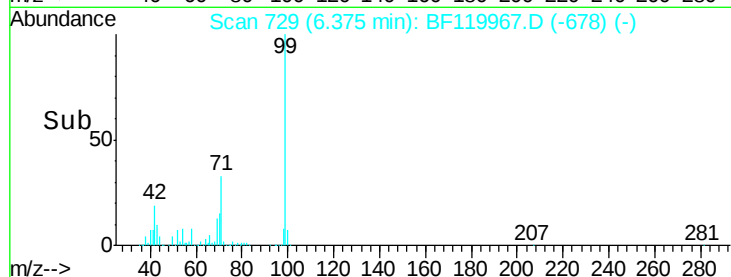
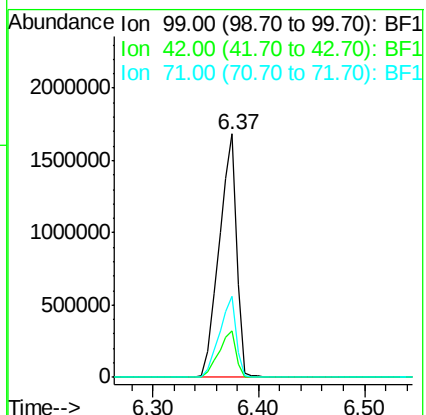
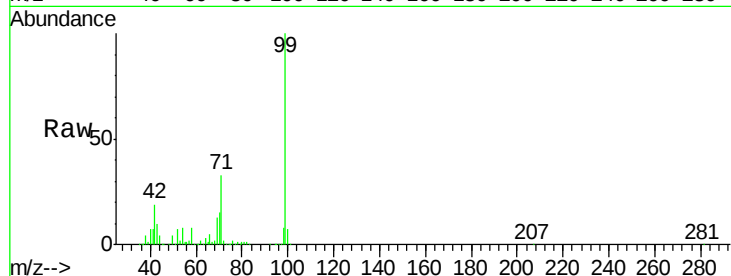
Tot Ion: 99 Resp: 1963163

Ion Ratio Lower Upper

99 100

42 19.3 16.9 25.3

71 33.3 26.3 39.5



#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

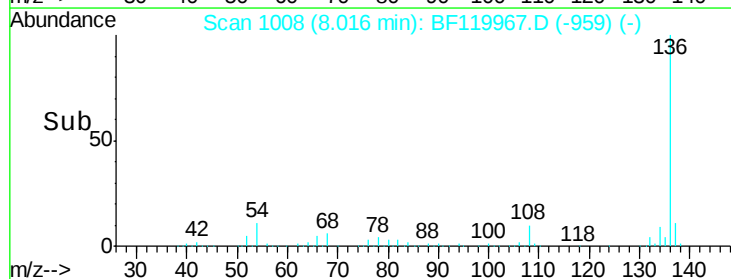
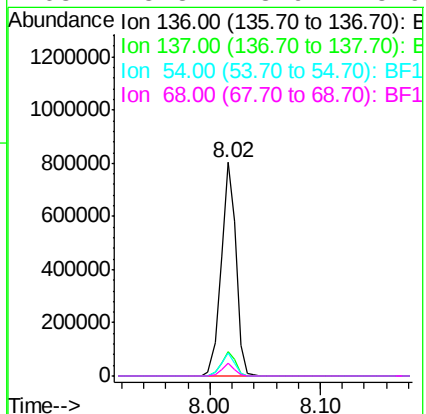
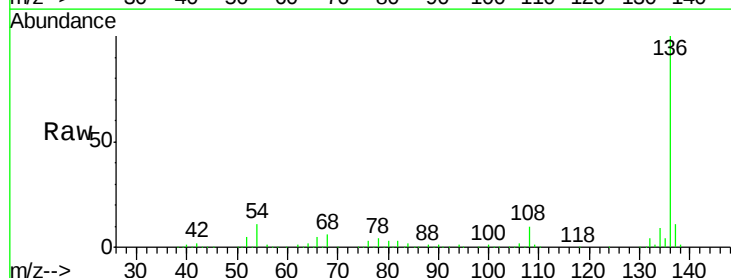
Ion Ratio Lower Upper

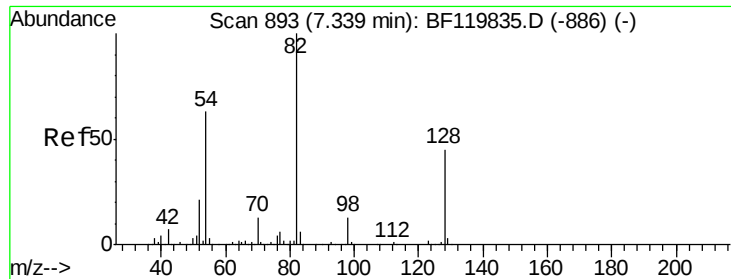
136 100

137 11.1 8.7 13.1

54 10.7 8.5 12.7

68 5.8 3.9 5.9

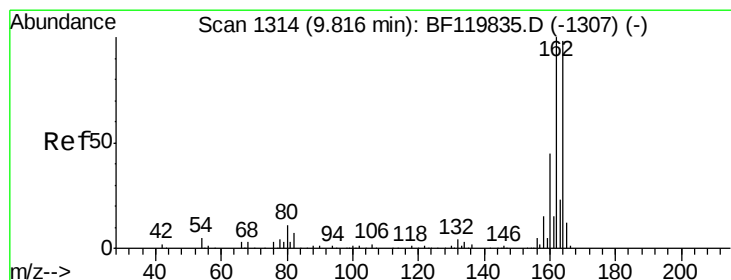
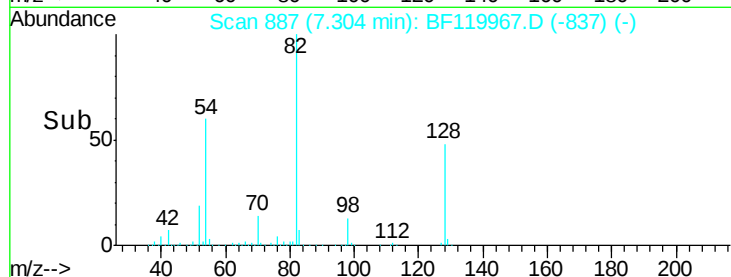
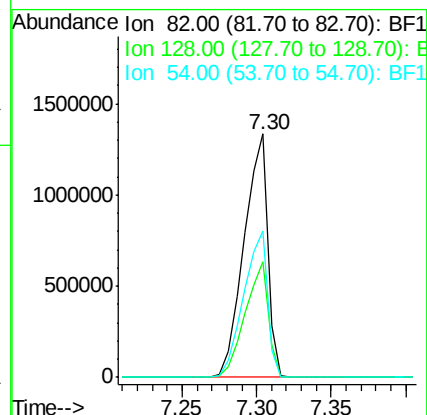
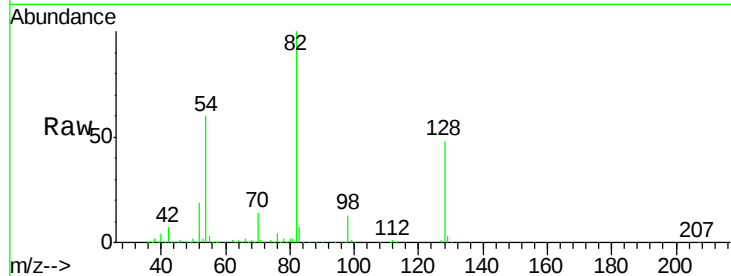




#23
Nitrobenzene-d5
Concen: 101.843 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119967.D
Acq: 14 Apr 2020 22:08

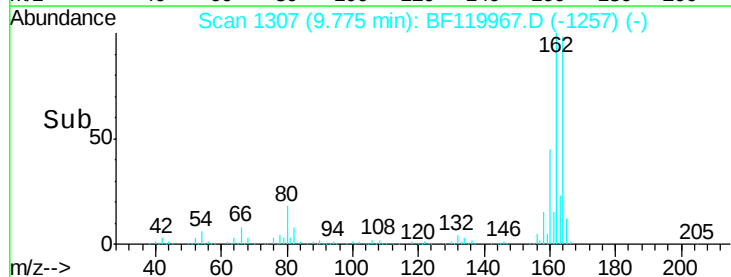
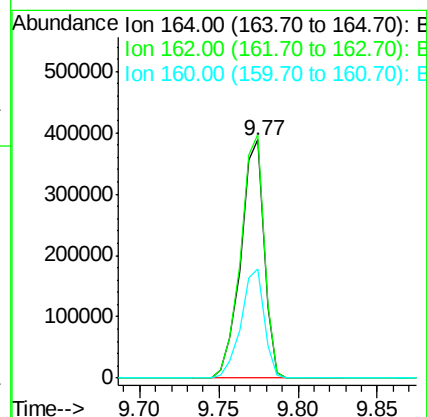
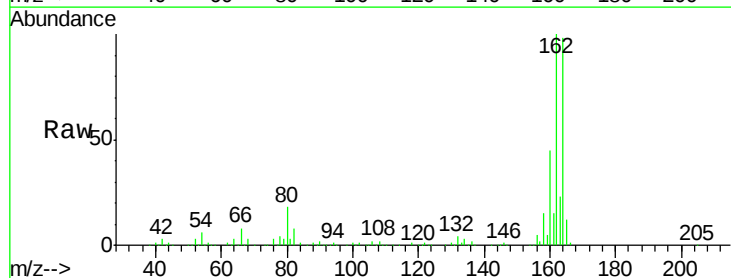
Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMP

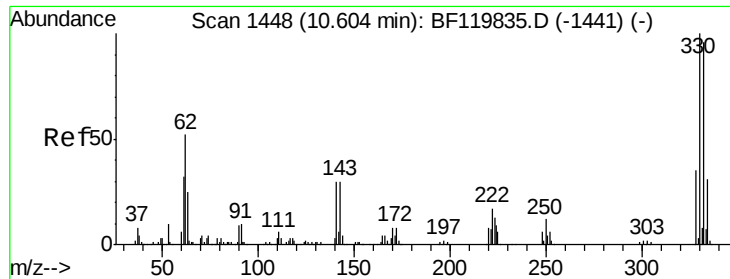
Tot Ion: 82 Resp: 1471531
Ion Ratio Lower Upper
82 100
128 47.7 36.2 54.4
54 60.2 50.4 75.6



#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

Tgt Ion:164 Resp: 396919
Ion Ratio Lower Upper
164 100
162 102.3 81.9 122.9
160 46.1 36.6 54.8

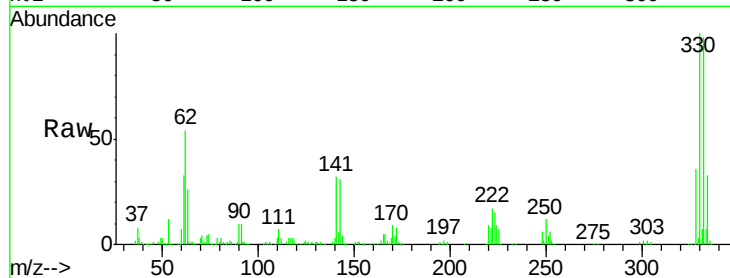




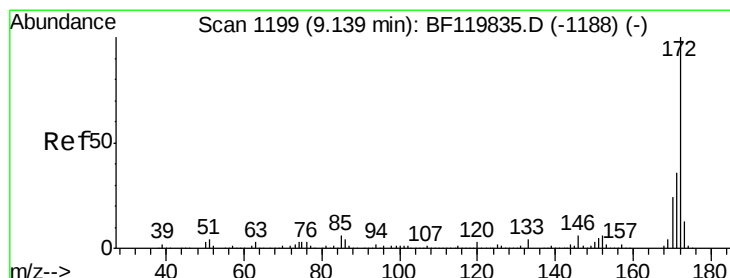
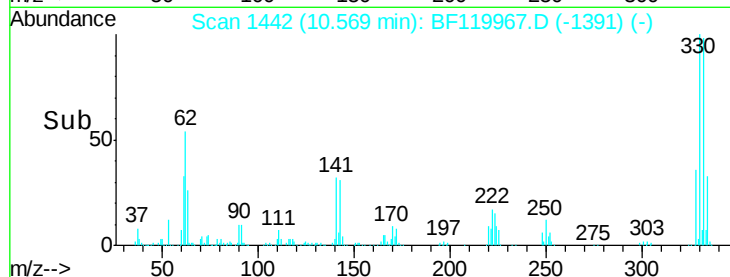
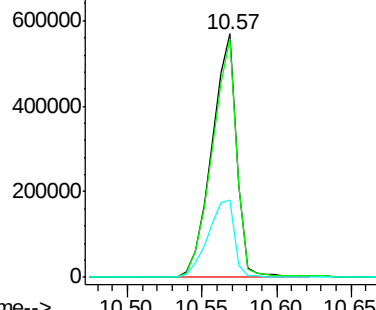
#42
 2,4,6-Tribromophenol
 Concen: 135.807 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF119967.D
 Acq: 14 Apr 2020 22:08

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.8	115.2
141	34.3	25.1	37.7

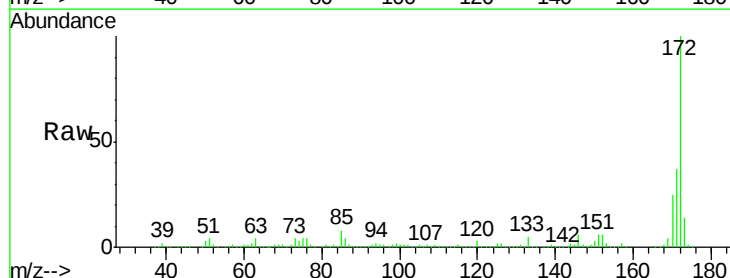


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

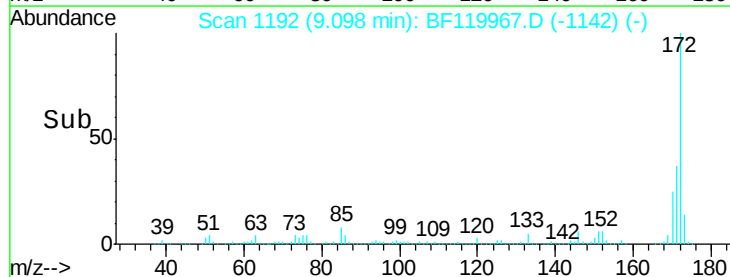
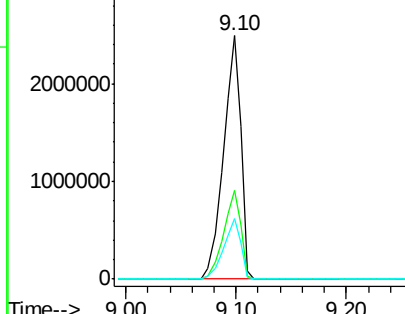


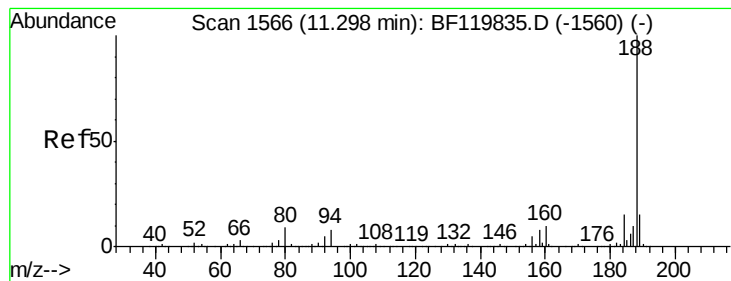
#45
 2-Fluorobiphenyl
 Concen: 97.058 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119967.D
 Acq: 14 Apr 2020 22:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.8	19.4	29.2



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





#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

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMP

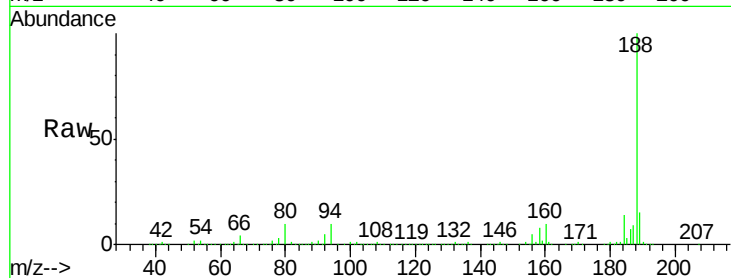
Tot Ion:188 Resp: 798590

Ion Ratio Lower Upper

188 100

94 9.7 6.7 10.1

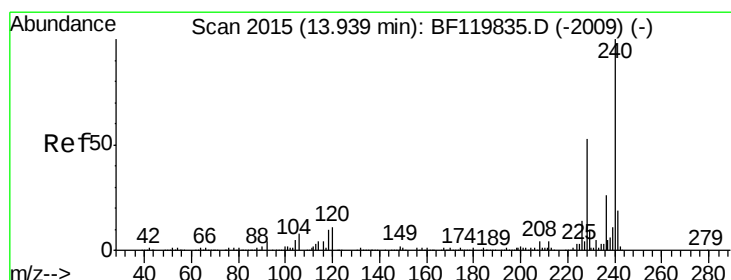
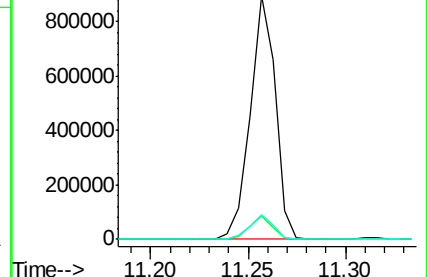
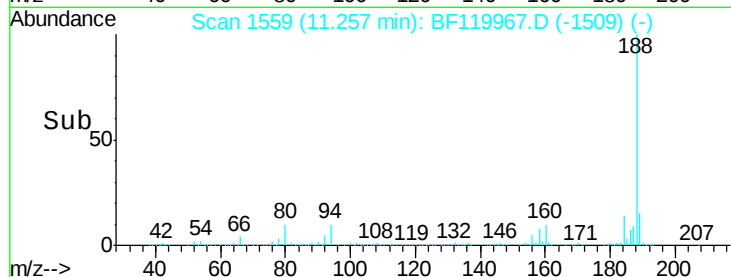
80 10.1 7.4 11.2



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



#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

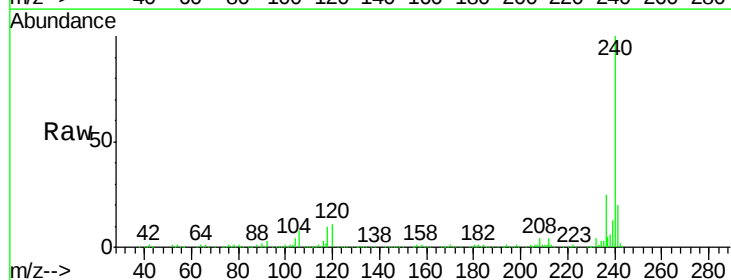
Tgt Ion:240 Resp: 594506

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.6

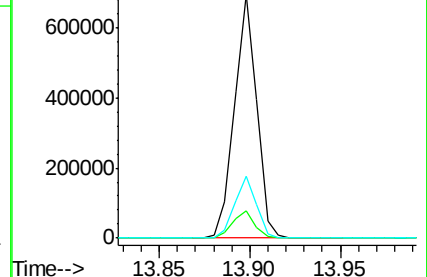
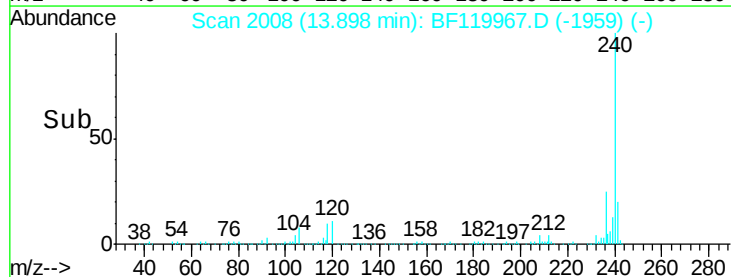
236 25.2 20.7 31.1

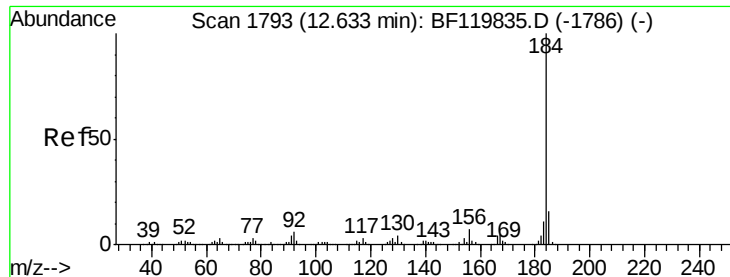


Abundance Ion 240.00 (239.70 to 240.70): E

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

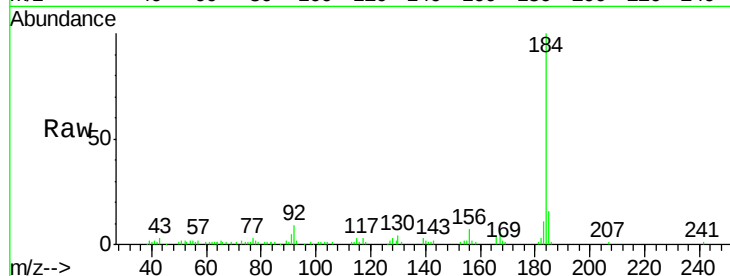
Tot Ion:184 Resp: 65395

Ion Ratio Lower Upper

184 100

185 15.9 13.2 19.8

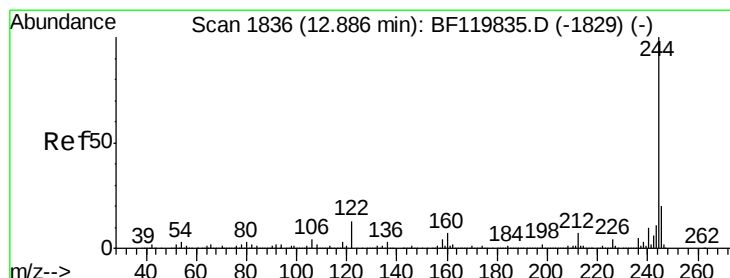
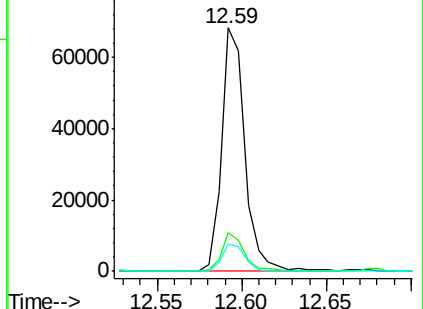
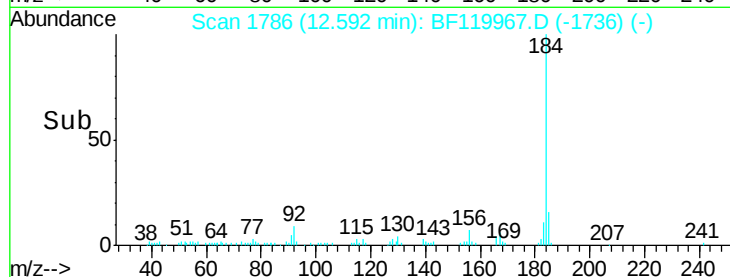
183 11.3 9.1 13.7



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

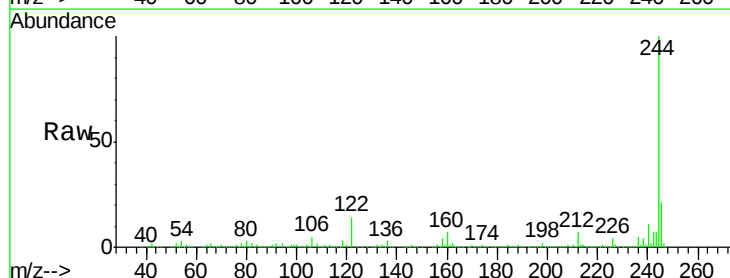
Tgt Ion:244 Resp: 3231628

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

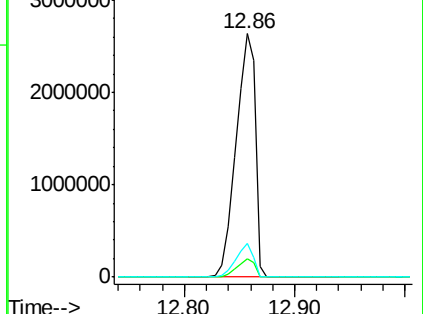
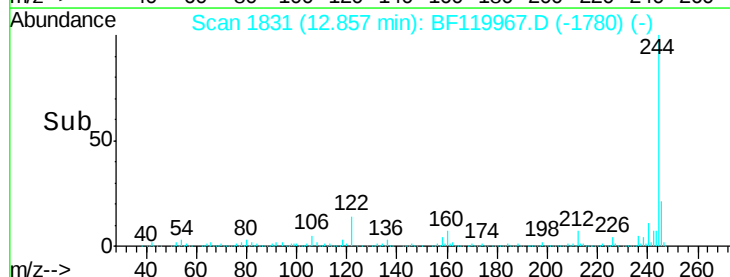
122 14.0 10.3 15.5

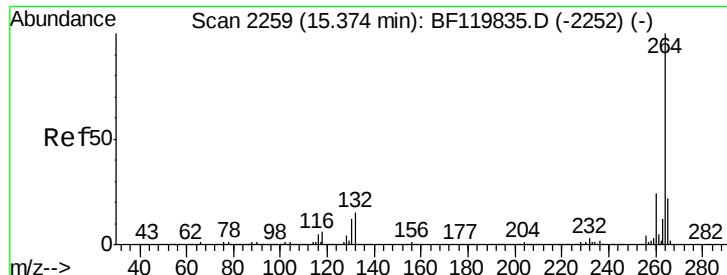


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

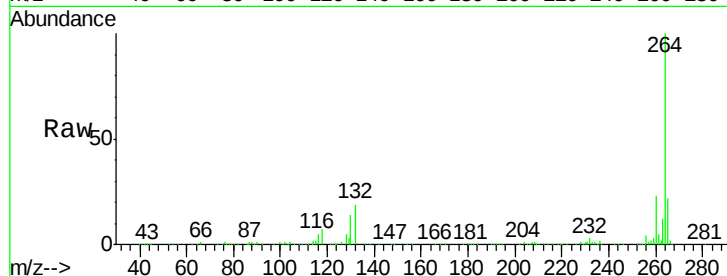




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF119967.D
Acq: 14 Apr 2020 22:08

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

