

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119882.D
 Acq On : 9 Apr 2020 21:00
 Operator : MA/SJ
 Sample : L2154-01 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:31:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

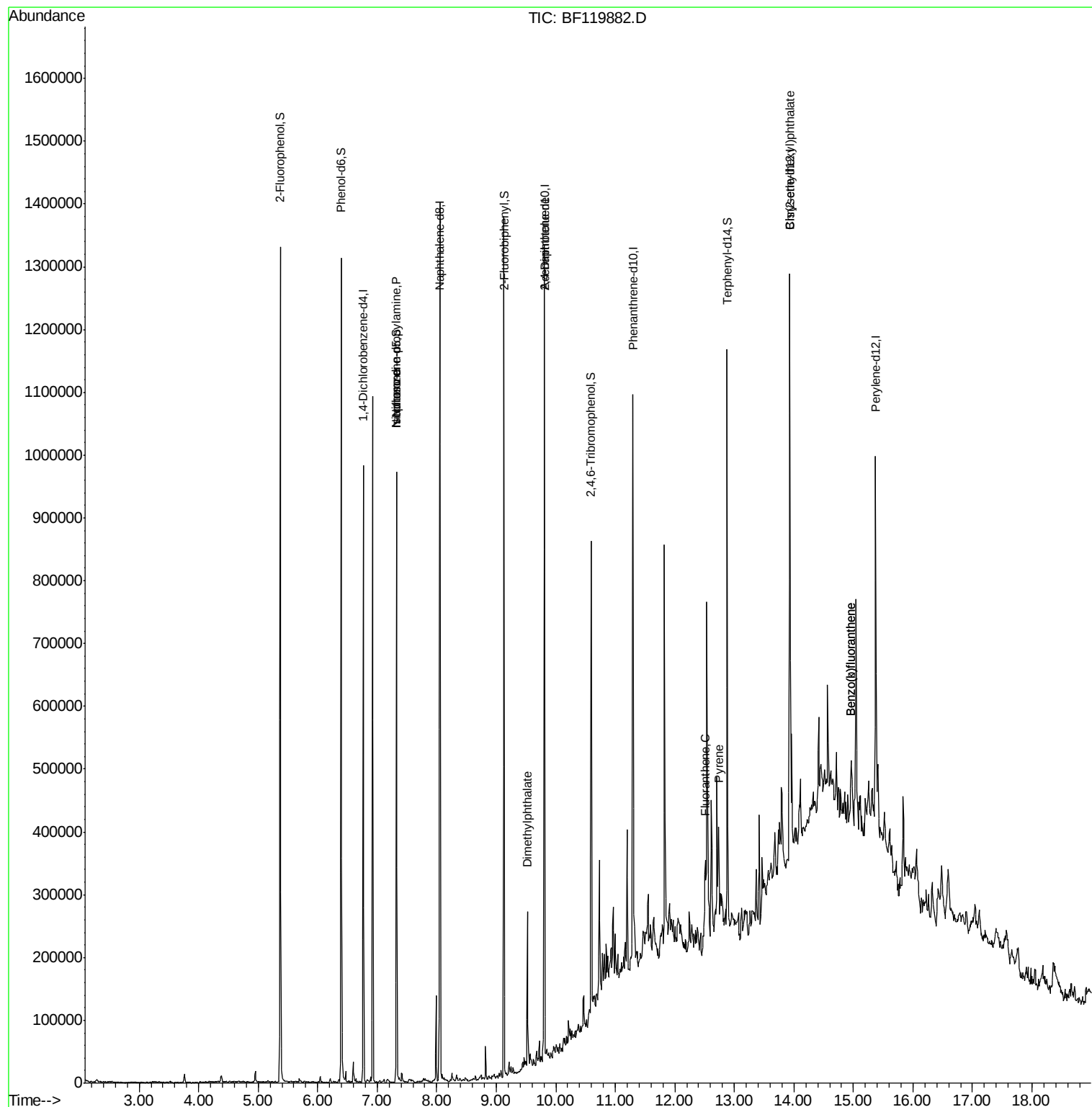
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	142557	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	561014	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	225760	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	354932	20.00	ng	0.00
76) Chrysene-d12	13.94	240	301404	20.00	ng	0.00
87) Perylene-d12	15.37	264	275965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	329734	39.97	ng	0.00
7) Phenol-d6	6.40	99	392969	36.97	ng	0.00
23) Nitrobenzene-d5	7.33	82	245505	22.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	91331	33.04	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	385092	24.22	ng	-0.01
79) Terphenyl-d14	12.88	244	302295	16.88	ng	0.00
Target Compounds						
9) Benzaldehyde	6.32	77	145	Below Cal		Qvalue # 43
19) n-Nitroso-di-n-propylamine	7.33	70	32403	4.741 ng	#	77
25) Isophorone	7.33	82	243854	11.665 ng	#	65
50) Dimethylphthalate	9.53	163	89677	5.135 ng		96
57) 2,4-Dinitrotoluene	9.81	165	29288	5.813 ng	#	23
75) Fluoranthene	12.51	202	48211	2.365 ng		96
78) Pyrene	12.74	202	66264	2.608 ng		100
84) Bis(2-ethylhexyl)phthalate	13.93	149	103786	6.216 ng		98
88) Benzo(b)fluoranthene	14.96	252	40686	2.049 ng	#	80
89) Benzo(k)fluoranthene	14.96	252	40686	2.375 ng	#	80

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

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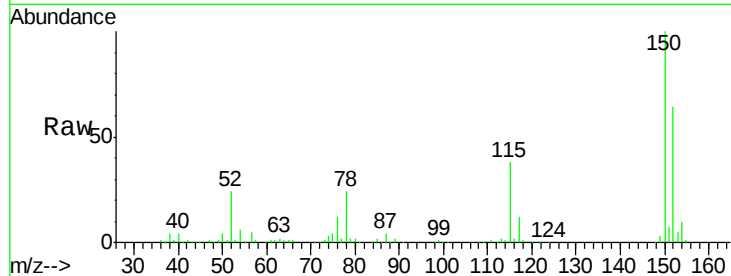


#1

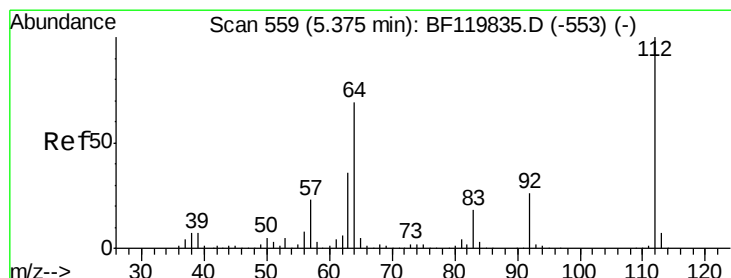
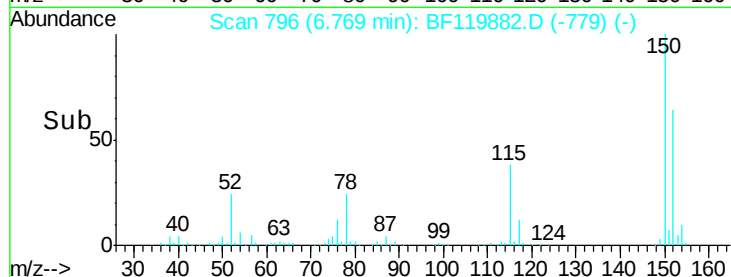
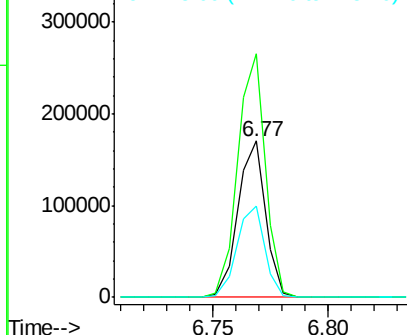
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119882.D
Acq: 9 Apr 2020 21:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.8	187.2
115	58.7	46.5	69.7



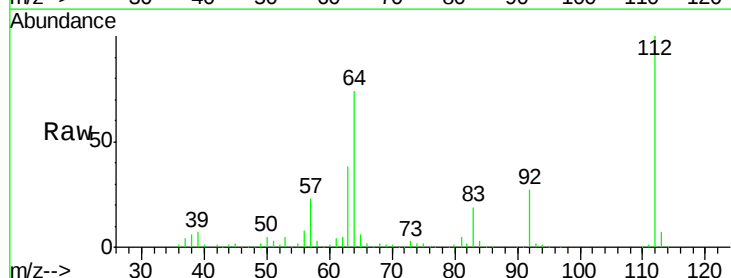
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



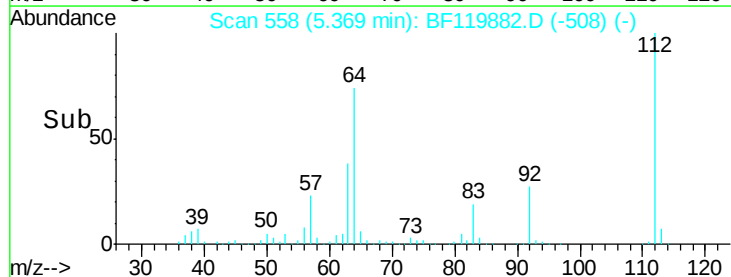
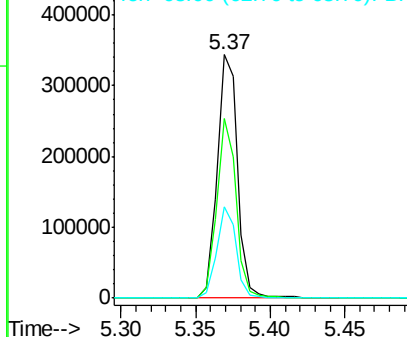
#5

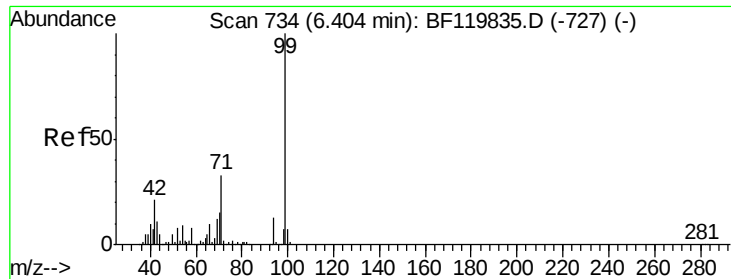
2-Fluorophenol
Concen: 39.973 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF119882.D
Acq: 9 Apr 2020 21:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	55.5	83.3
63	37.7	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: 36.971 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119882.D

Acq: 9 Apr 2020 21:00

Instrument :

BNA_F

ClientSampleId :

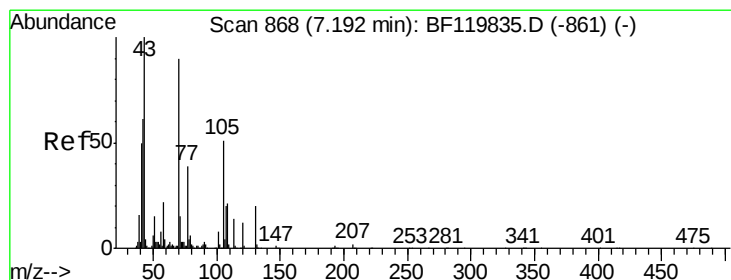
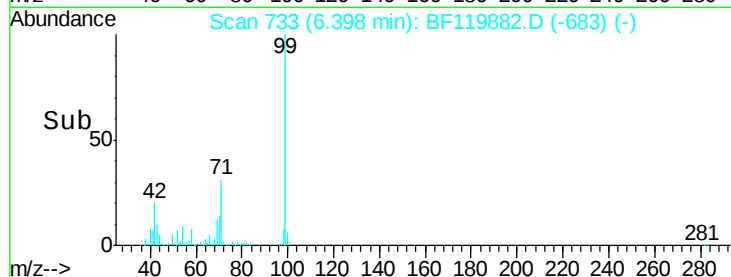
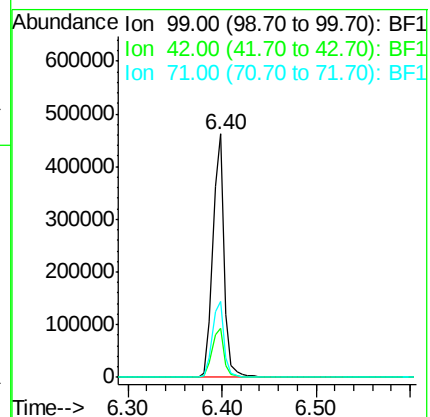
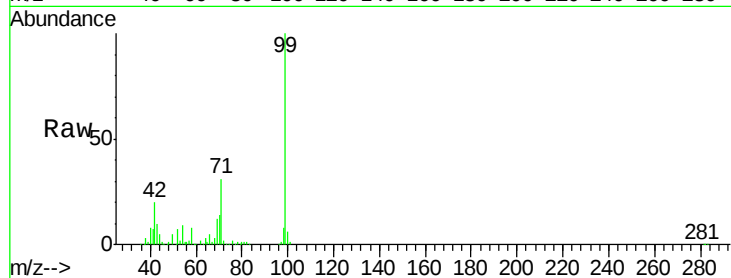
Tot Ion: 99 Resp: 392969

Ion Ratio Lower Upper

99 100

42 20.0 16.9 25.3

71 31.4 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 4.741 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF119882.D

Acq: 9 Apr 2020 21:00

Tgt Ion: 70 Resp: 32403

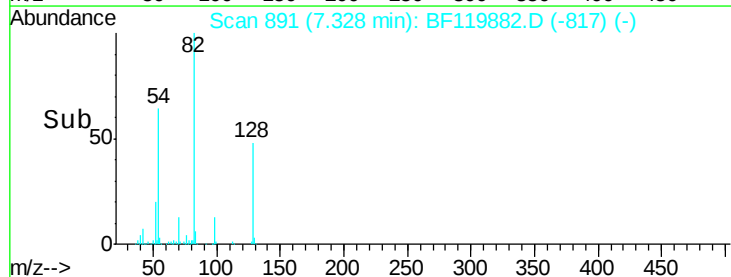
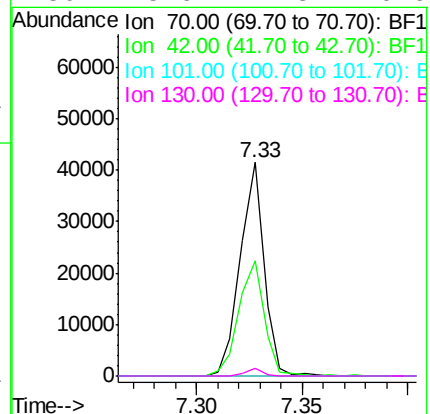
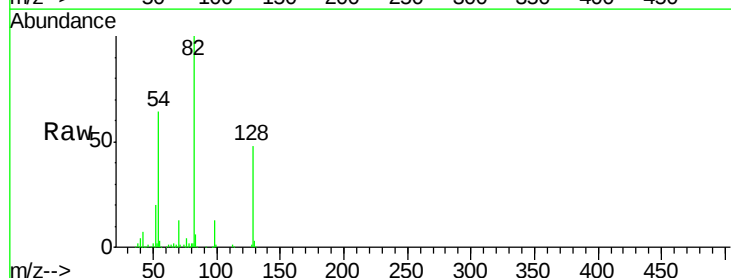
Ion Ratio Lower Upper

70 100

42 54.2 54.2 81.4

101 0.0 7.4 11.2#

130 3.6 17.8 26.6#

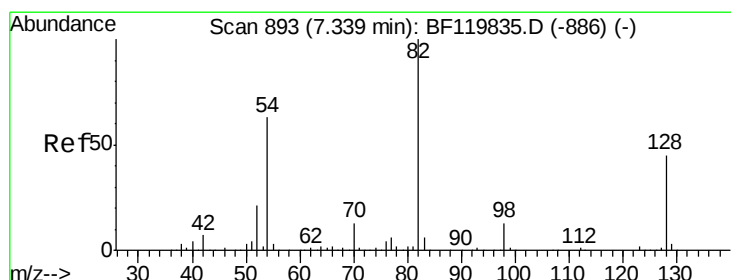
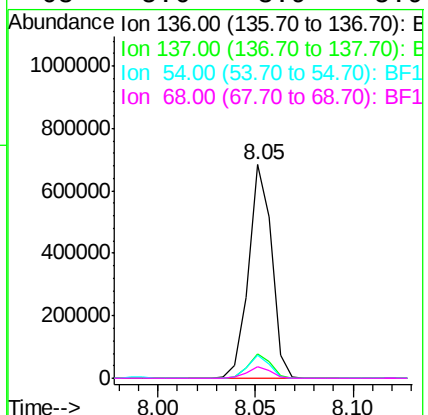
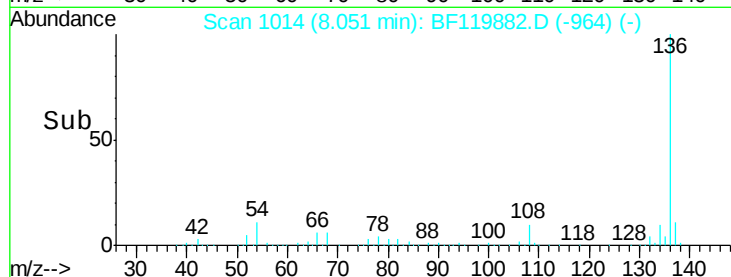
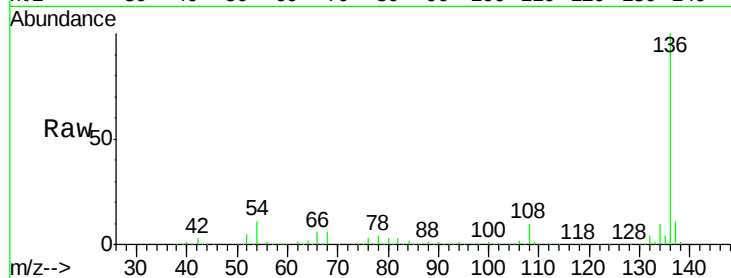




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119882.D
Acq: 9 Apr 2020 21:00

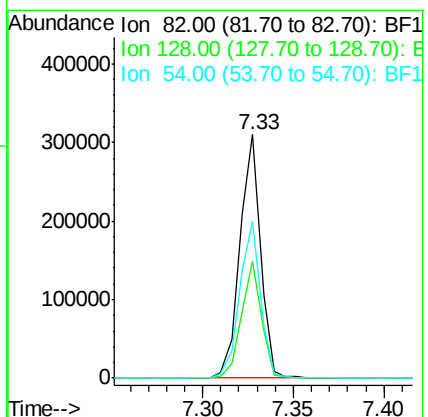
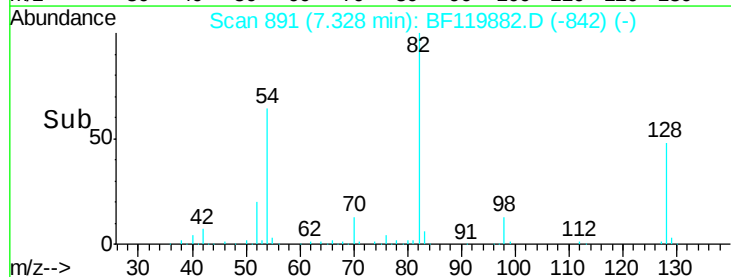
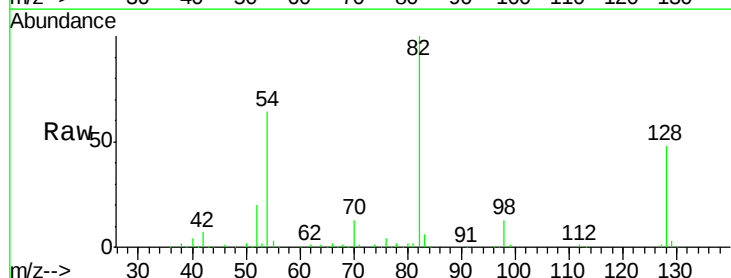
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	561014
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.7 13.1
54	10.8	8.5 12.7
68	5.6	3.9 5.9



#23
Nitrobenzene-d5
Concen: 22.639 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119882.D
Acq: 9 Apr 2020 21:00

Tgt Ion: 82	Resp:	245505
Ion	Ratio	Lower Upper
82	100	
128	47.8	36.2 54.4
54	64.2	50.4 75.6





#25

Isophorone

Concen: 11.665 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.27 min

Lab File: BF119882.D

Acq: 9 Apr 2020 21:00

Instrument :

BNA_F

ClientSampleId :

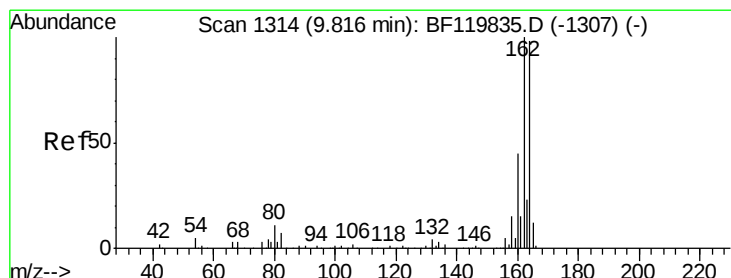
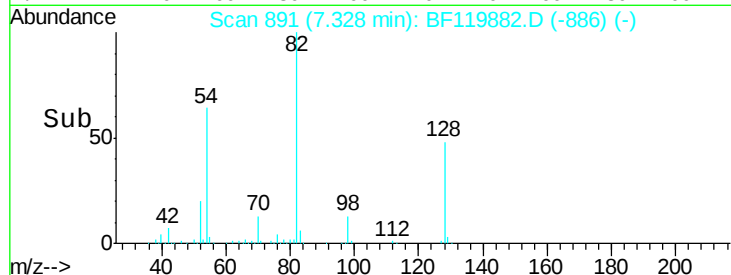
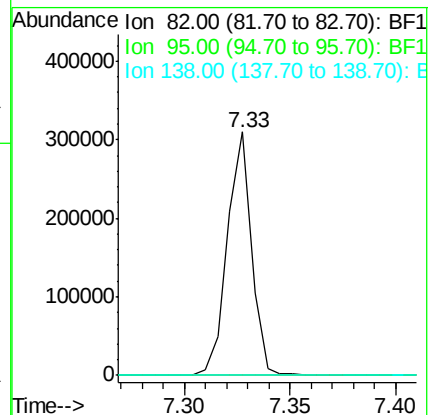
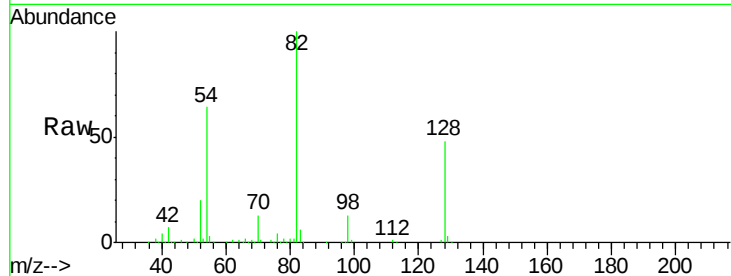
Tot Ion: 82 Resp: 243854

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: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119882.D

Acq: 9 Apr 2020 21:00

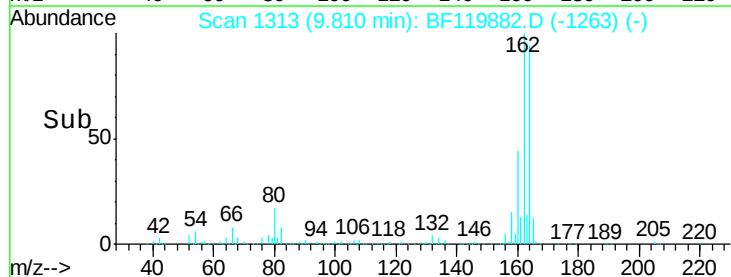
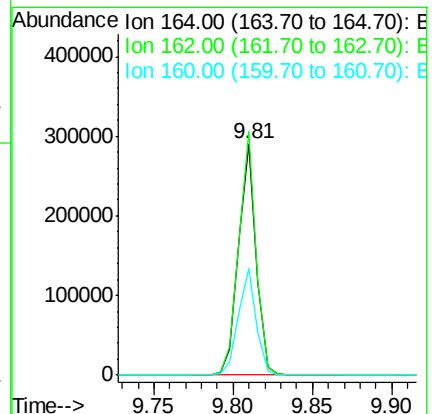
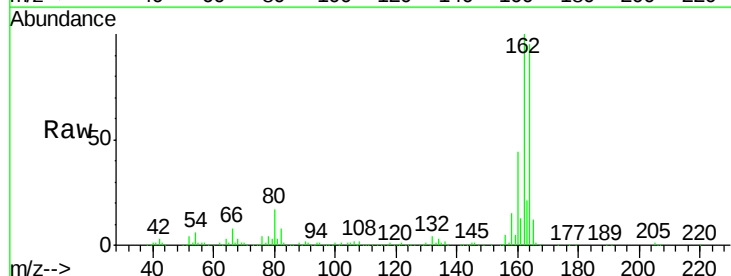
Tgt Ion:164 Resp: 225760

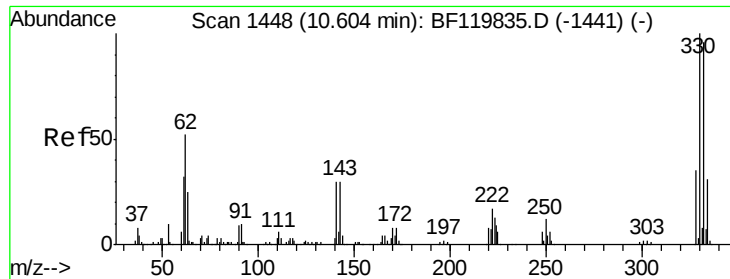
Ion Ratio Lower Upper

164 100

162 105.4 81.9 122.9

160 46.1 36.6 54.8

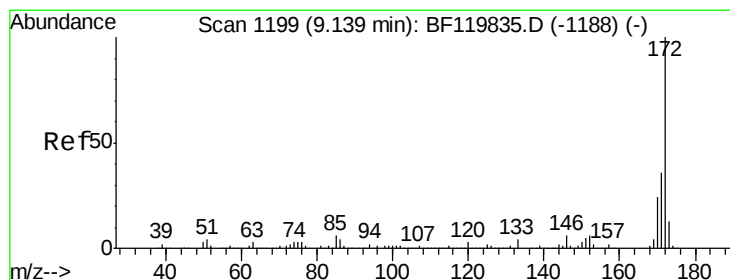
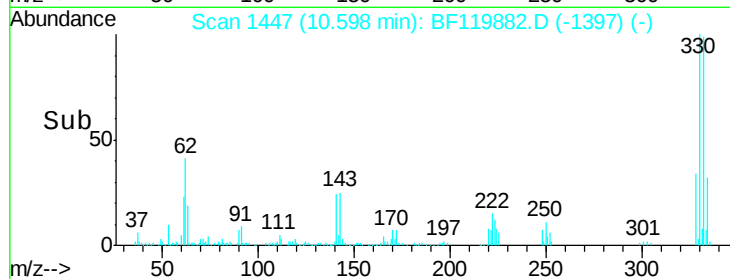
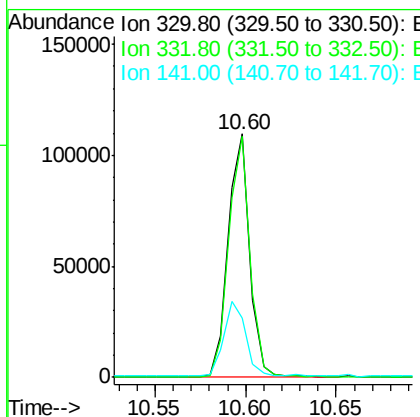
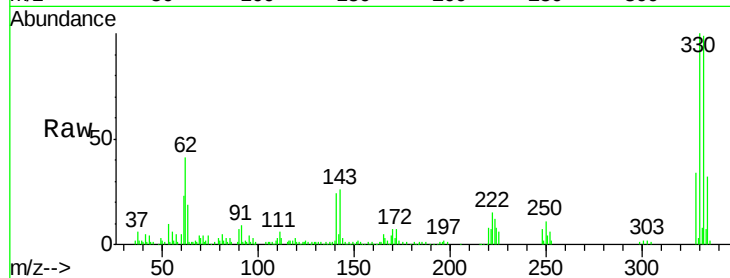




#42
 2,4,6-Tribromophenol
 Concen: 33.042 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF119882.D
 Acq: 9 Apr 2020 21:00

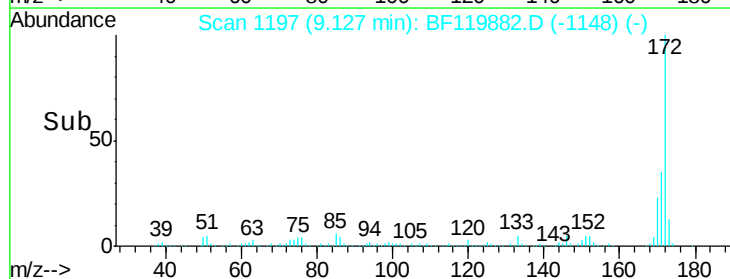
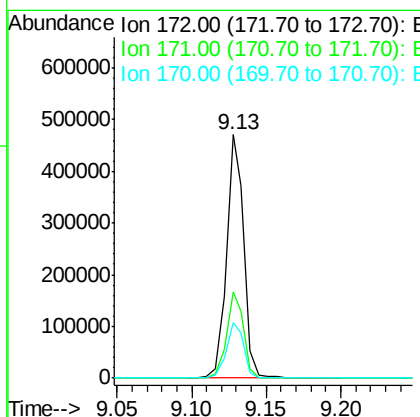
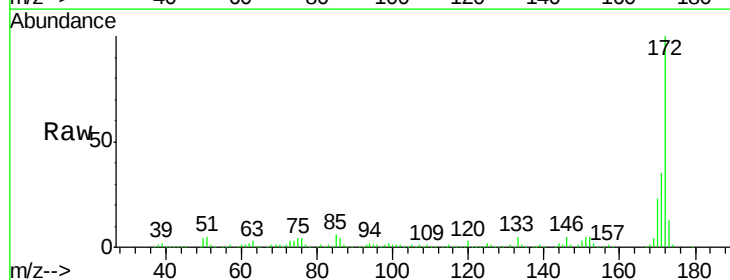
Instrument :
 BNA_F
 ClientSampled :

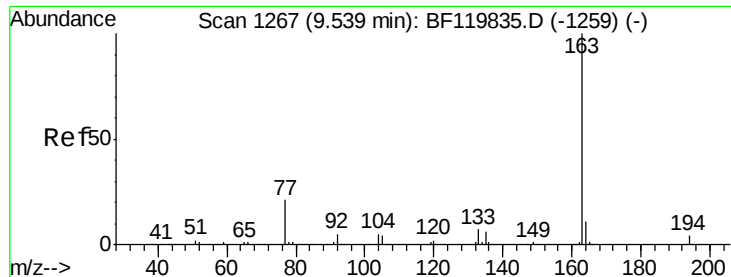
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.8	115.2
141	30.9	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 24.218 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119882.D
 Acq: 9 Apr 2020 21:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	23.0	19.4	29.2

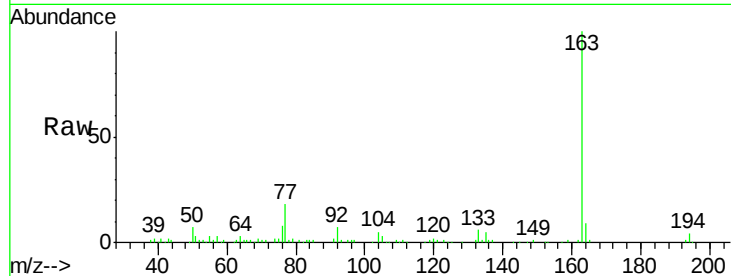




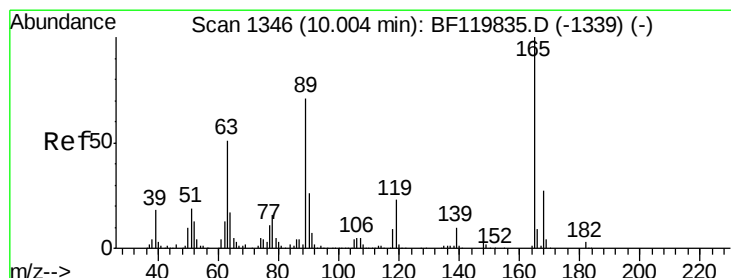
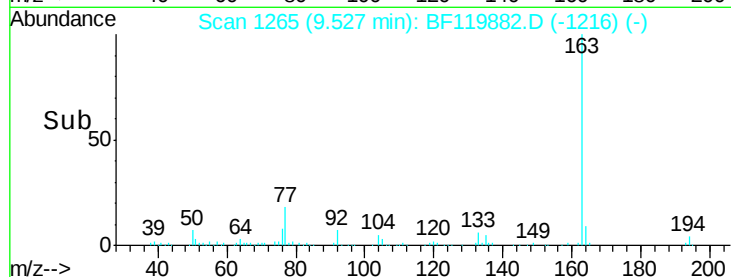
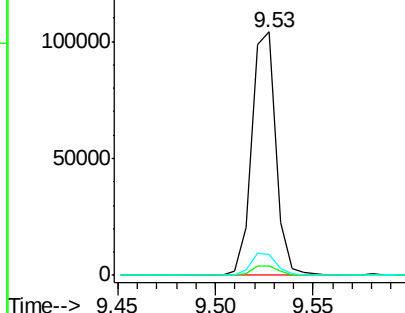
#50
Dimethylphthalate
Concen: 5.135 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF119882.D
Acq: 9 Apr 2020 21:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 89677
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 8.8 8.4 12.6

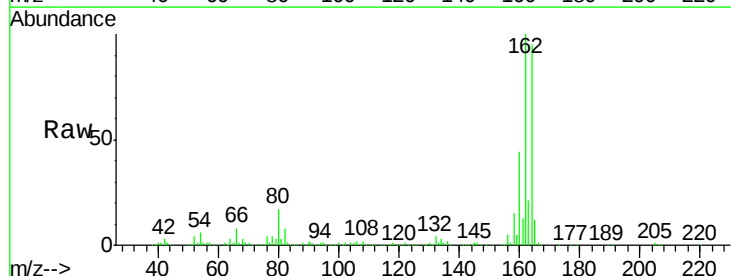


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

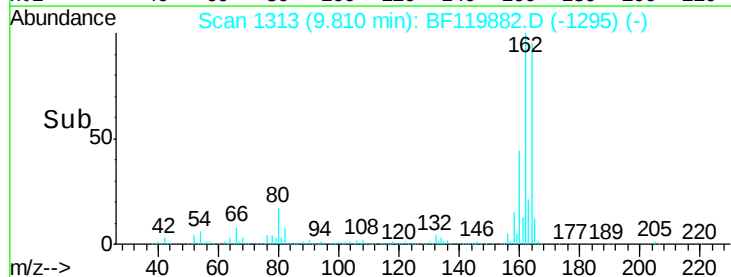
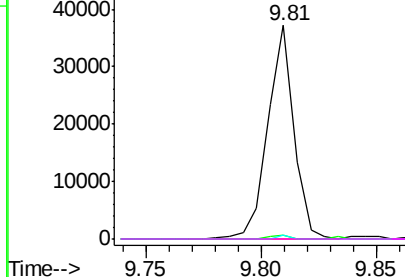


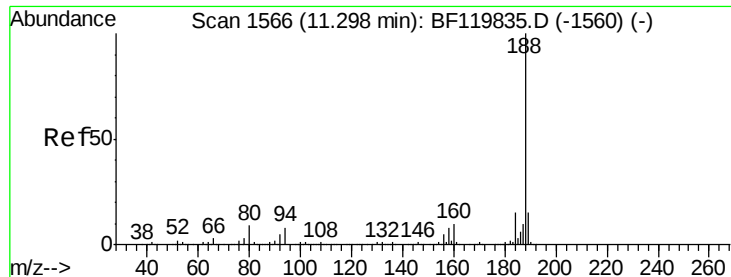
#57
2,4-Dinitrotoluene
Concen: 5.813 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF119882.D
Acq: 9 Apr 2020 21:00

Tgt Ion:165 Resp: 29288
Ion Ratio Lower Upper
165 100
63 2.1 40.8 61.2#
89 1.6 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

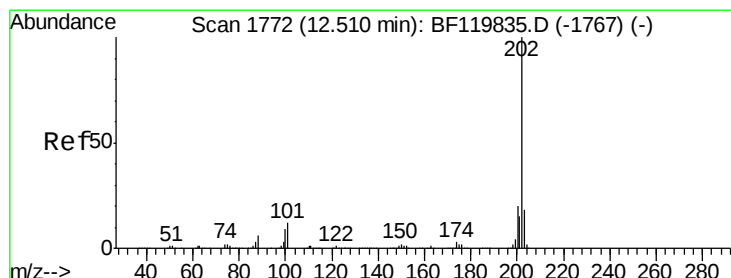
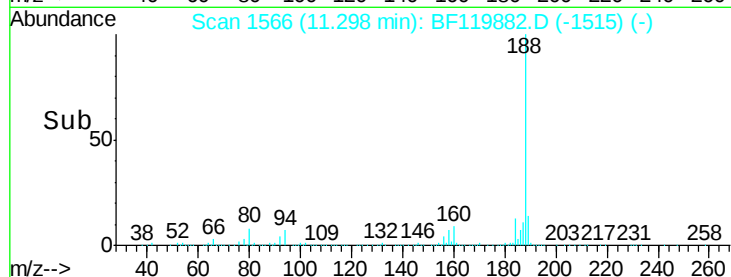
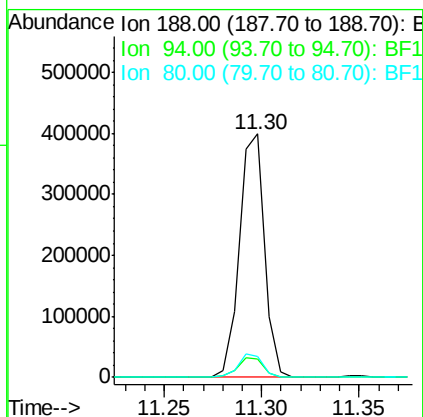
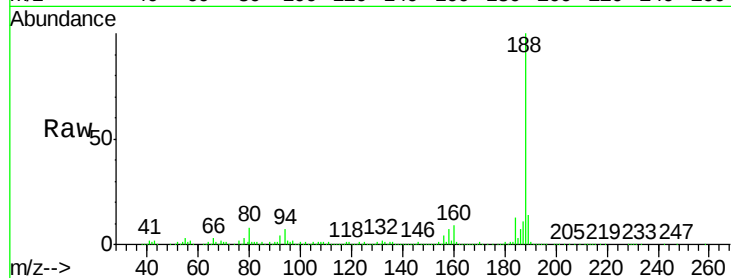




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF119882.D
Acq: 9 Apr 2020 21:00

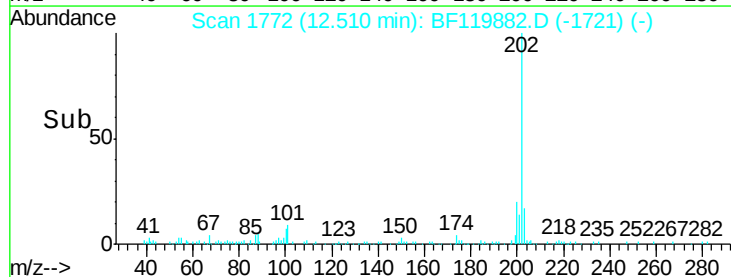
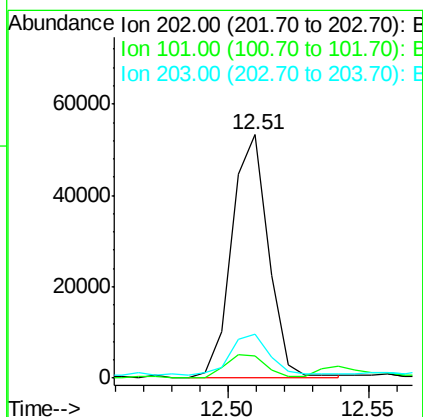
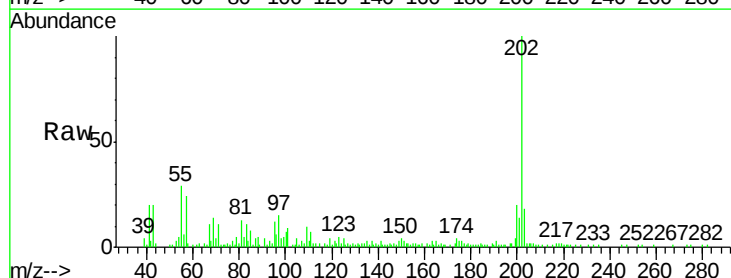
Instrument :
BNA_F
ClientSampled :

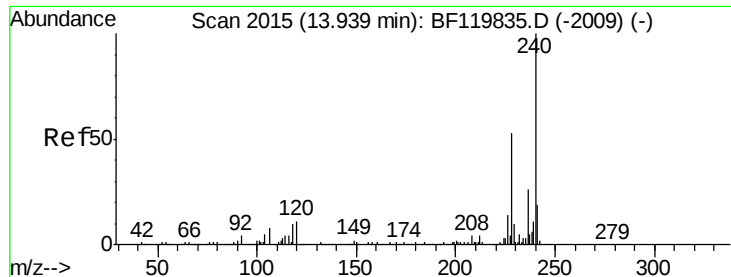
Tot Ion:188 Resp: 354932
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.3 7.4 11.2



#75
Fluoranthene
Concen: 2.365 ng
RT: 12.51 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BF119882.D
Acq: 9 Apr 2020 21:00

Tgt Ion:202 Resp: 48211
Ion Ratio Lower Upper
202 100
101 8.9 0.0 32.3
203 18.1 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF119882.D

Acq: 9 Apr 2020 21:00

Instrument :

BNA_F

ClientSampleId :

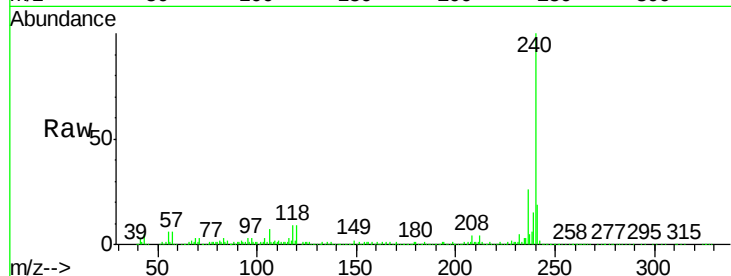
Tot Ion:240 Resp: 301404

Ion Ratio Lower Upper

240 100

120 9.1 9.0 13.6

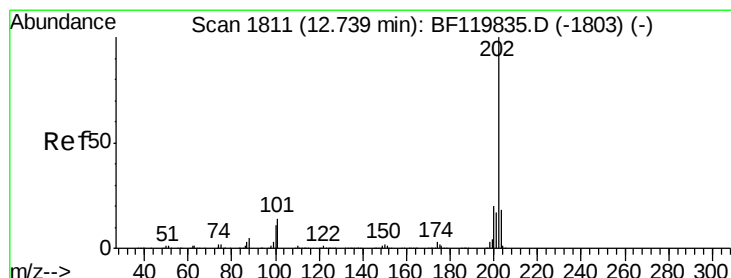
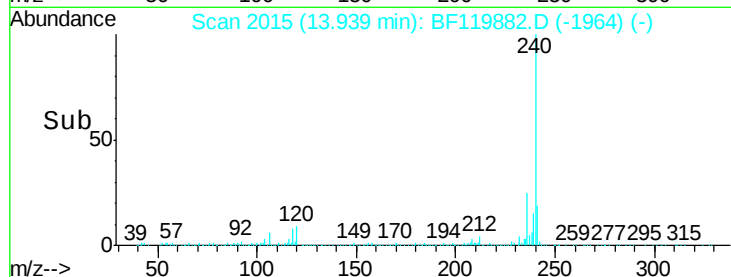
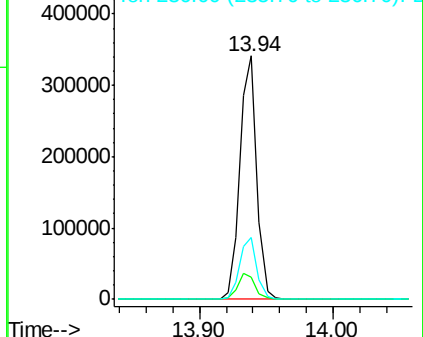
236 25.5 20.7 31.1



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



#78

Pyrene

Concen: 2.608 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF119882.D

Acq: 9 Apr 2020 21:00

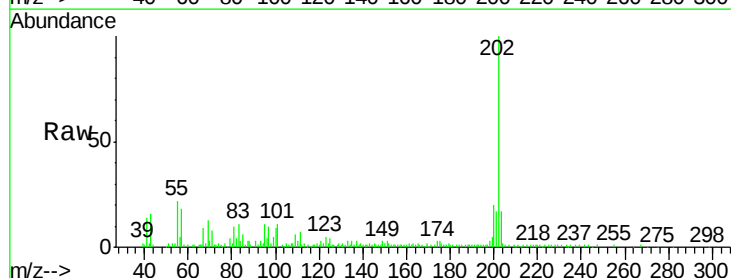
Tgt Ion:202 Resp: 66264

Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.2

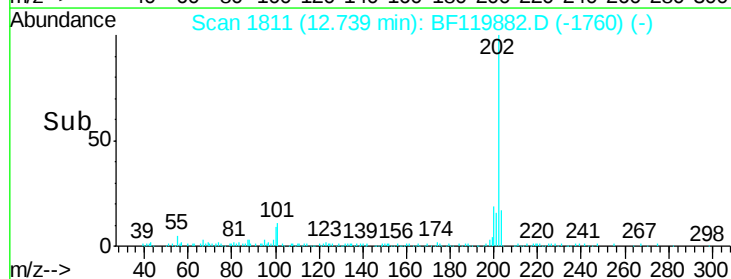
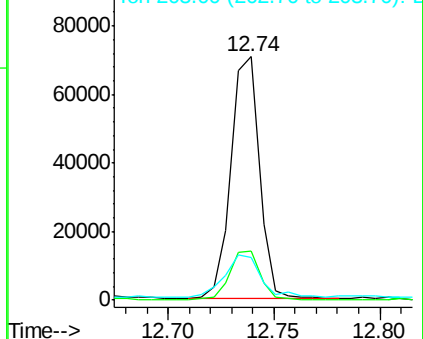
203 17.5 14.1 21.1

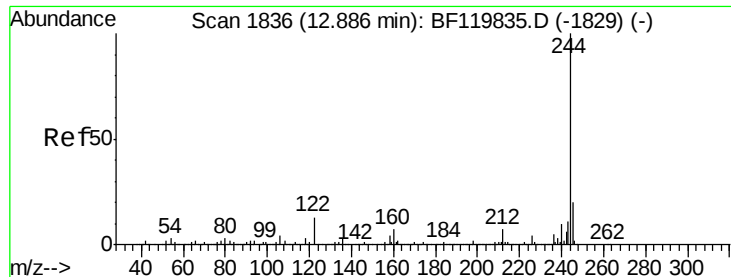


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 16.876 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF119882.D

Acq: 9 Apr 2020 21:00

Instrument :

BNA_F

ClientSampleId :

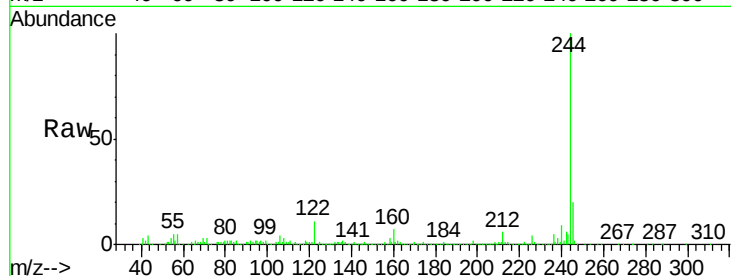
Tot Ion:244 Resp: 302295

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

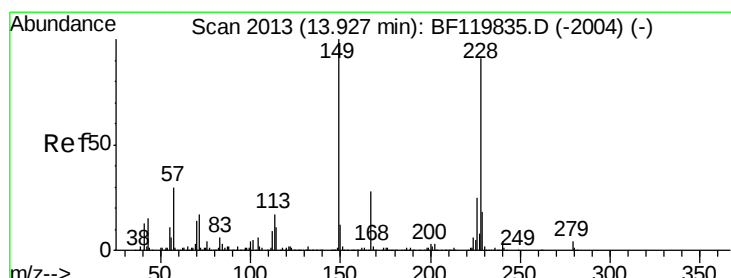
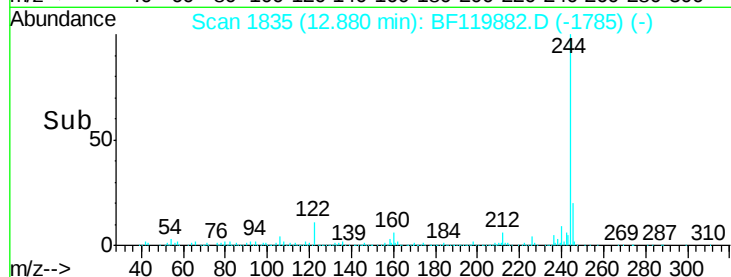
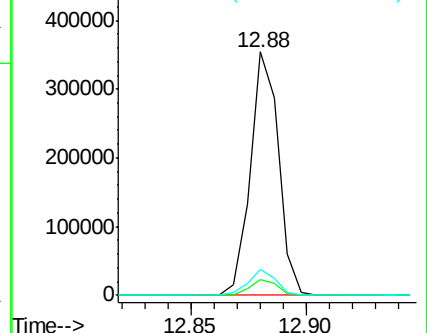
122 10.8 10.3 15.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.216 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF119882.D

Acq: 9 Apr 2020 21:00

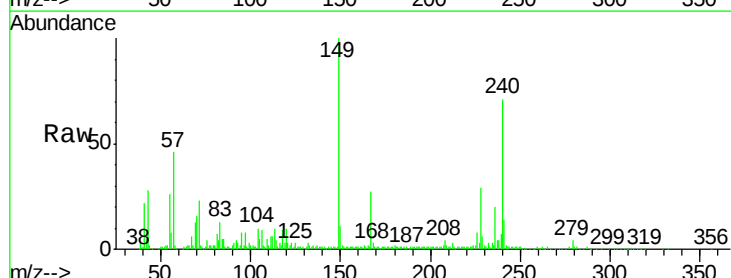
Tgt Ion:149 Resp: 103786

Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.2

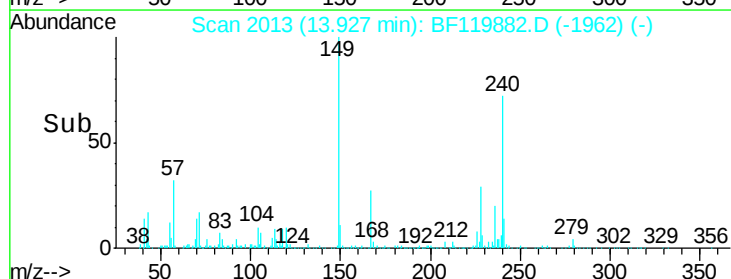
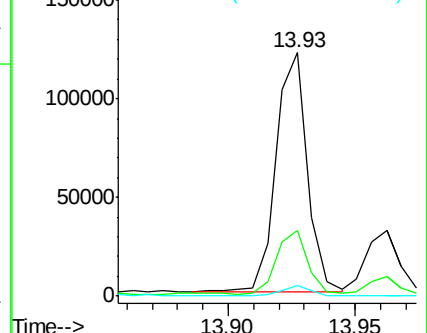
279 4.1 3.4 5.0

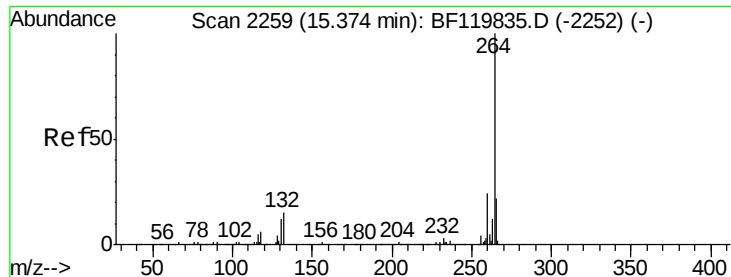


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

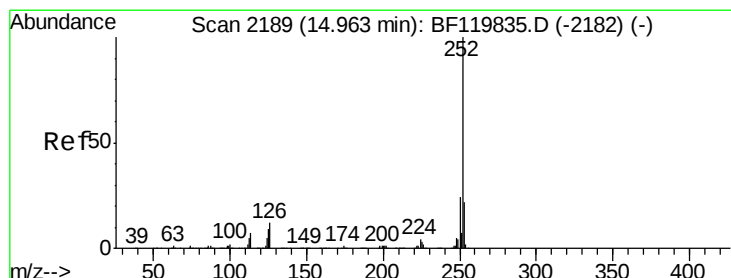
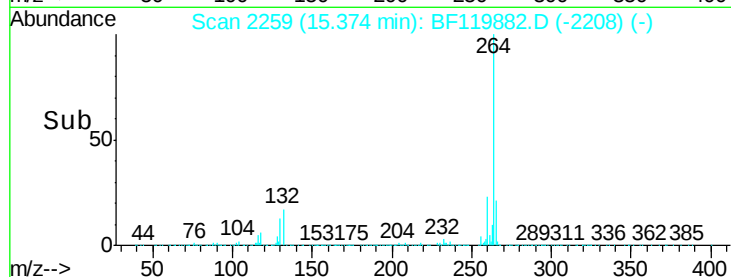
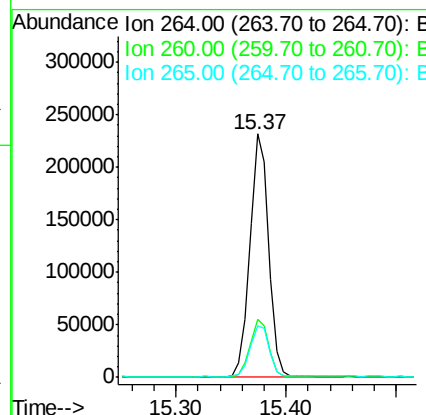
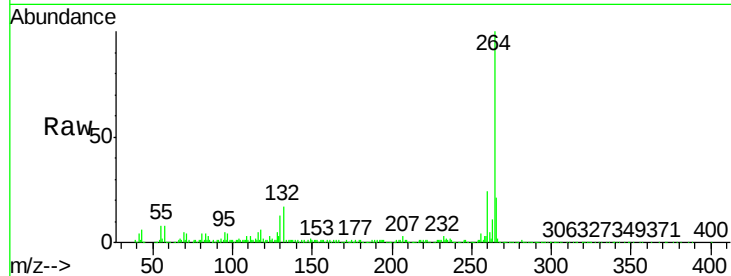




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119882.D
Acq: 9 Apr 2020 21:00

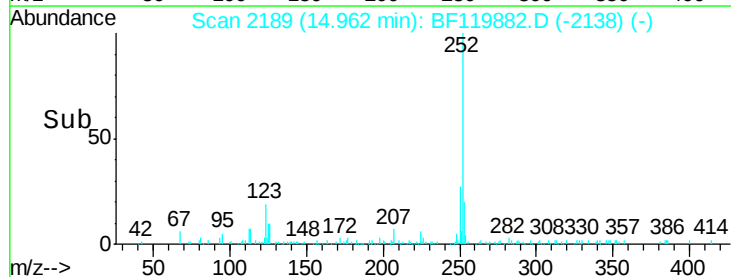
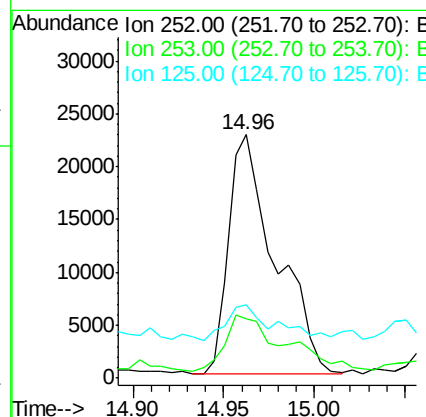
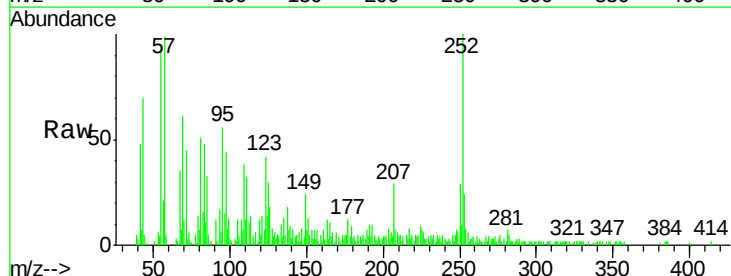
Instrument :
BNA_F
ClientSampleId :

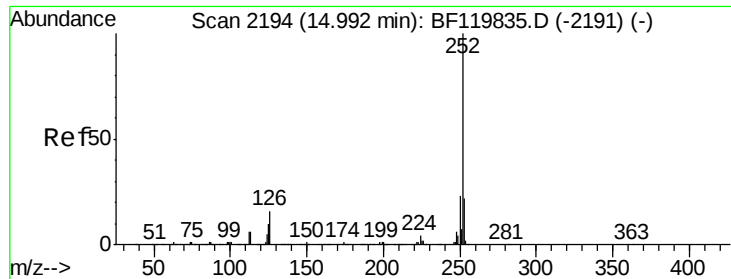
Tot Ion:264 Resp: 275965
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 21.3 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.049 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF119882.D
Acq: 9 Apr 2020 21:00

Tgt Ion:252 Resp: 40686
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 30.1 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 2.375 ng

RT: 14.96 min Scan# 2189

Delta R.T. -0.03 min

Lab File: BF119882.D

Acq: 9 Apr 2020 21:00

Instrument :

BNA_F

ClientSampleId :

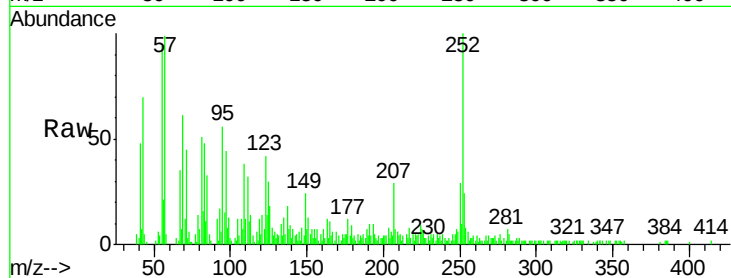
Tot Ion: 252 Resp: 40686

Ion Ratio Lower Upper

252 100

253 24.2 17.8 26.8

125 30.1 7.7 11.5#



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

