

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119201.D
 Acq On : 4 Mar 2020 18:23
 Operator : CG/JU
 Sample : L1759-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 05 05:48:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	126286	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	465760	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	234677	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	363197	20.00	ng	0.00
76) Chrysene-d12	13.90	240	238410	20.00	ng	0.00
87) Perylene-d12	15.33	264	278346	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	879867	116.44	ng	0.02
7) Phenol-d6	6.40	99	950982	103.48	ng	0.00
23) Nitrobenzene-d5	7.30	82	775724	87.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	353119	115.02	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1493131	93.73	ng	-0.01
79) Terphenyl-d14	12.84	244	1388893	100.30	ng	-0.01

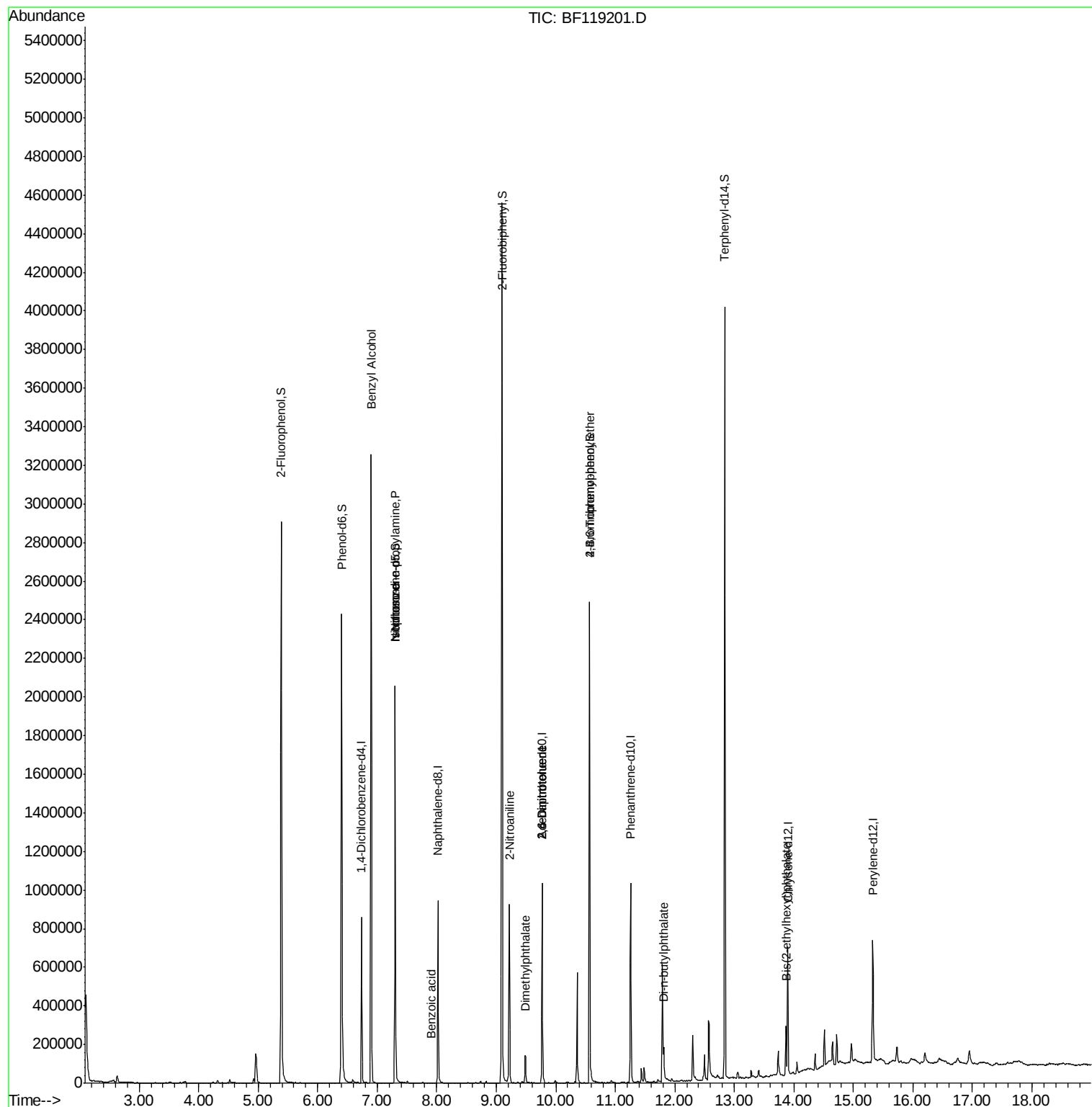
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.90	79	14375	2.164	ng	# 51
19) n-Nitroso-di-n-propylamine	7.30	70	108321	20.227	ng	# 76
25) Isophorone	7.30	82	763390	49.830	ng	# 63
32) Benzoic acid	7.90	122	109	6.701	ng	# 54
48) 2-Nitroaniline	9.22	65	10726	2.516	ng	# 7
50) Dimethylphthalate	9.49	163	66915	3.729	ng	96
51) 2,6-Dinitrotoluene	9.77	165	30280	7.595	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	30280	5.859	ng	# 21
67) 4-Bromophenyl-phenylether	10.57	248	22825	4.808	ng	# 1
74) Di-n-butylphthalate	11.82	149	65017	3.045	ng	# 97
84) Bis(2-ethylhexyl)phthalate	13.87	149	78123	7.675	ng	# 97

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

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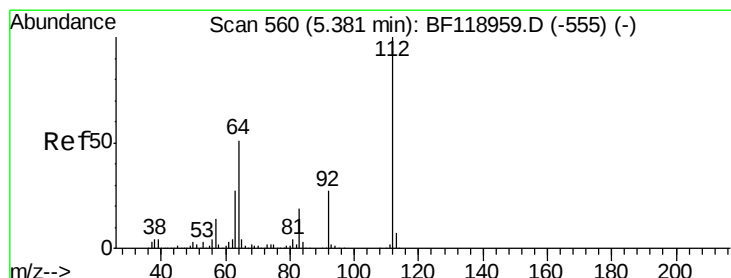
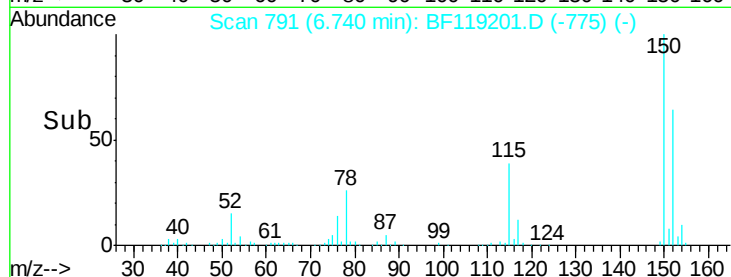
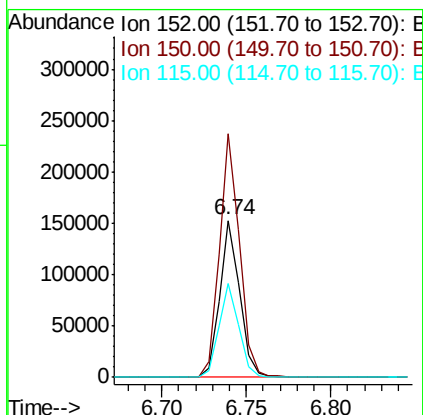
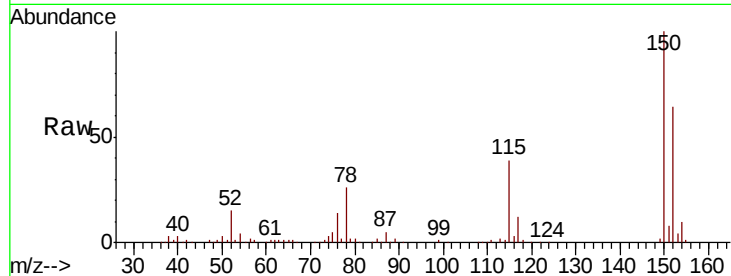


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Instrument :
BNA_F
ClientSampleId :

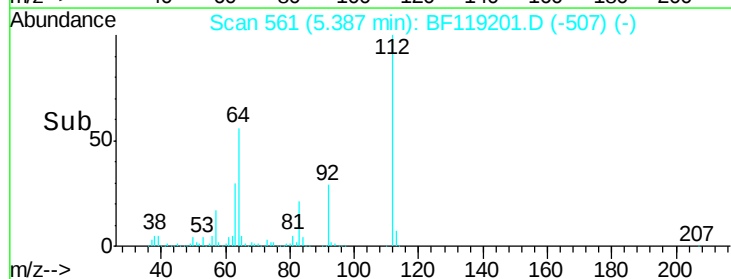
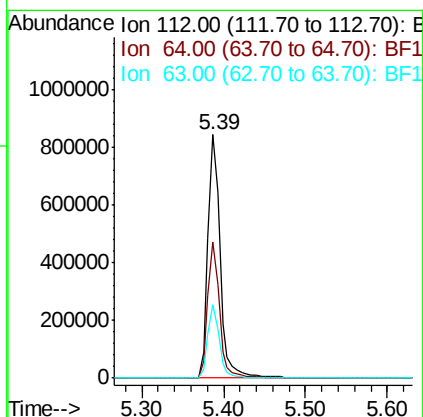
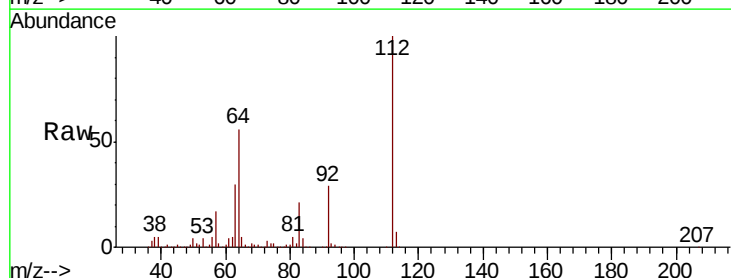
Tot Ion:152 Resp: 126286
Ion Ratio Lower Upper
152 100
150 155.2 123.0 184.6
115 60.2 49.5 74.3



#5

2-Fluorophenol
Concen: 116.435 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.02 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Tgt Ion:112 Resp: 879867
Ion Ratio Lower Upper
112 100
64 56.1 45.0 67.4
63 30.4 24.2 36.4





#7

Phenol-d6

Concen: 103.476 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF119201.D

Acq: 4 Mar 2020 18:23

Instrument :

BNA_F

ClientSampleId :

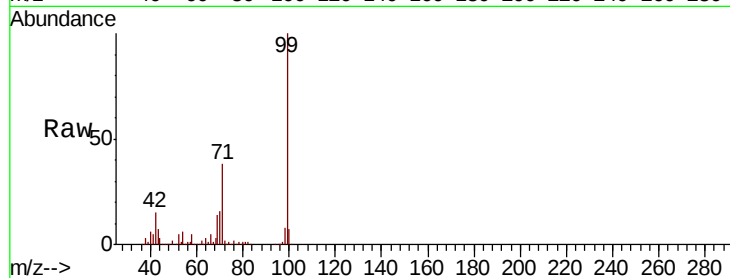
Tot Ion: 99 Resp: 950982

Ion Ratio Lower Upper

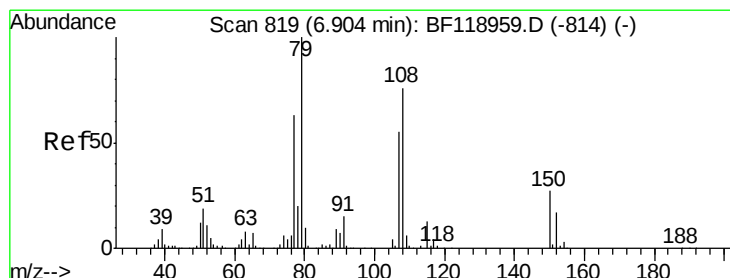
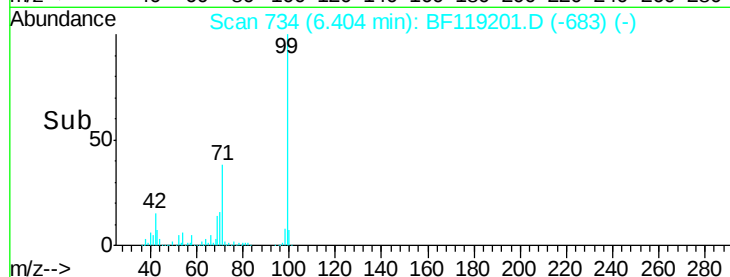
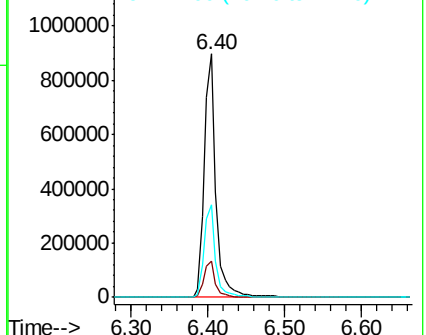
99 100

42 14.9 12.6 18.8

71 38.3 31.0 46.4



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: 2.164 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119201.D

Acq: 4 Mar 2020 18:23

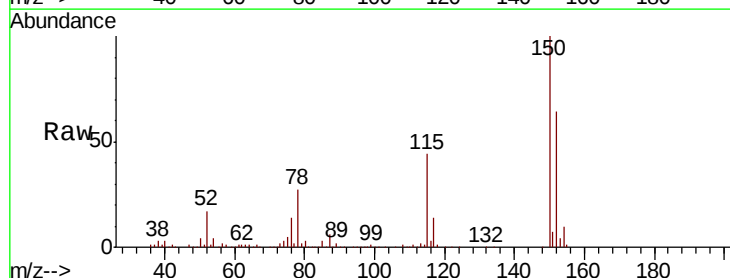
Tgt Ion: 79 Resp: 14375

Ion Ratio Lower Upper

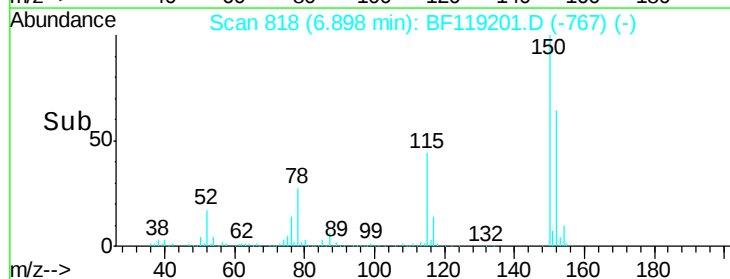
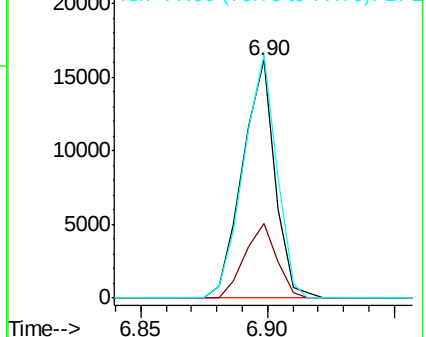
79 100

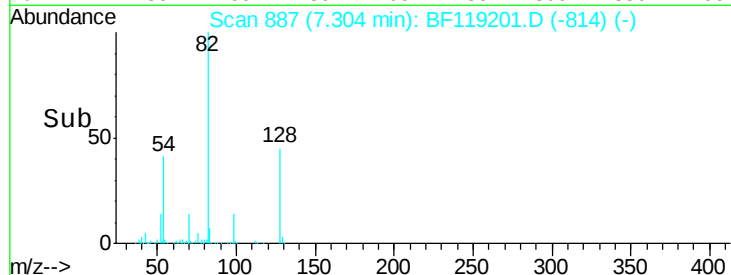
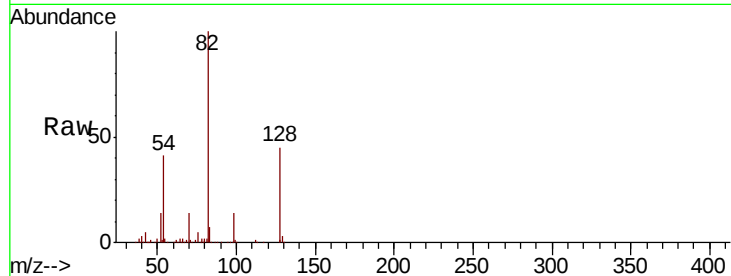
108 31.3 58.2 87.2#

77 102.2 51.2 76.8#



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

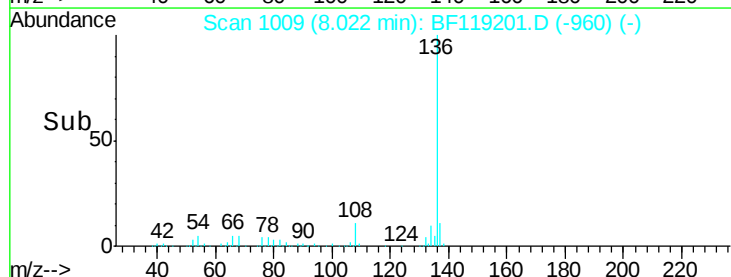
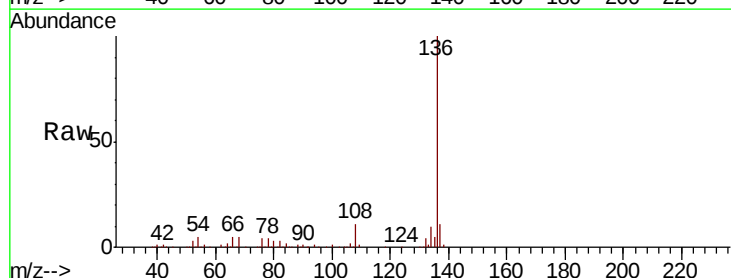
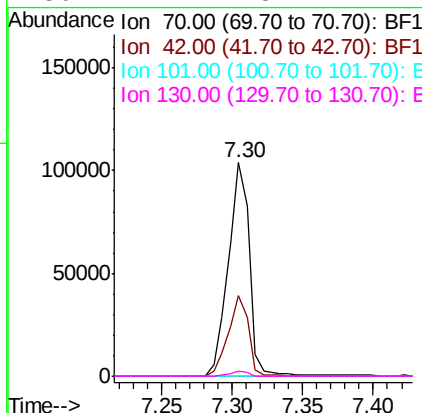




#19
n-Nitroso-di-n-propylamine
Concen: 20.227 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

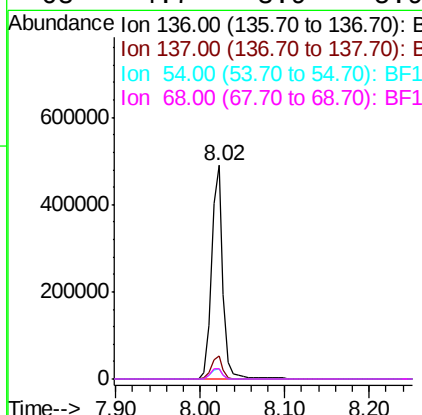
Instrument :
BNA_F
ClientSampleId :

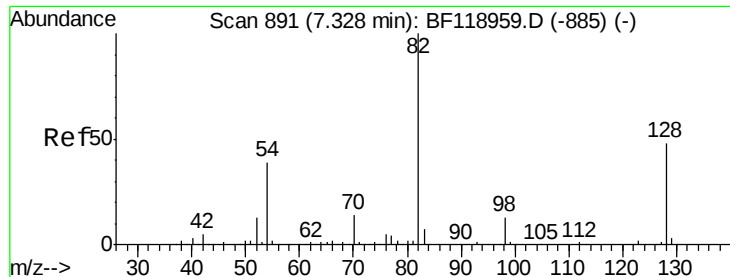
Tot Ion: 70 Resp: 108321
Ion Ratio Lower Upper
70 100
42 37.6 38.0 57.0#
101 0.0 8.2 12.4#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Tgt Ion: 136 Resp: 465760
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 4.8 3.8 5.6
68 4.7 3.9 5.9

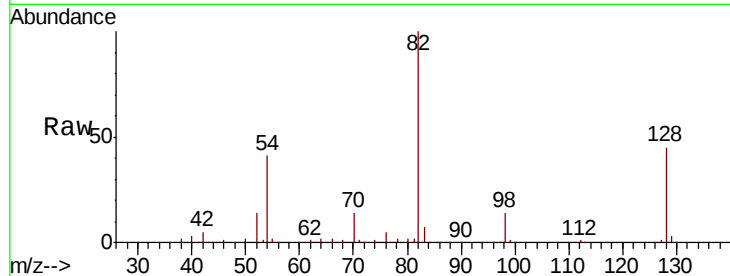




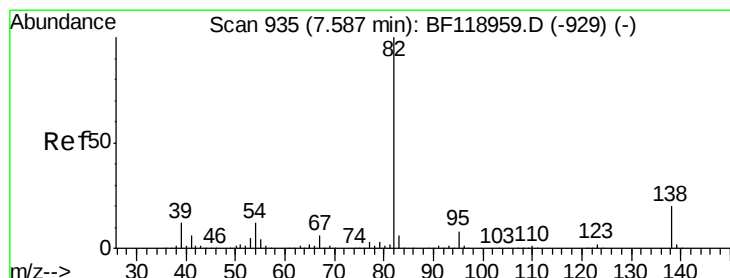
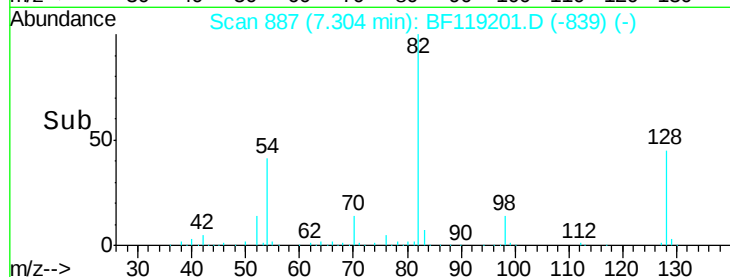
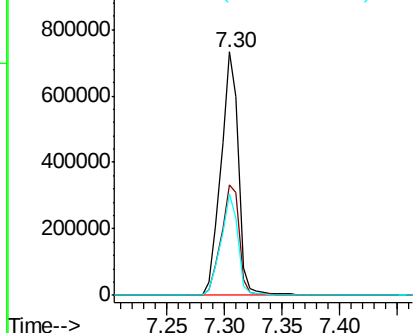
#23
Nitrobenzene-d5
Concen: 87.939 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 775724
Ion Ratio Lower Upper
82 100
128 45.2 37.9 56.9
54 41.5 33.4 50.2

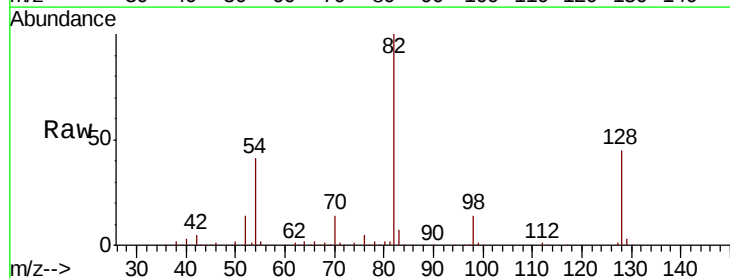


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

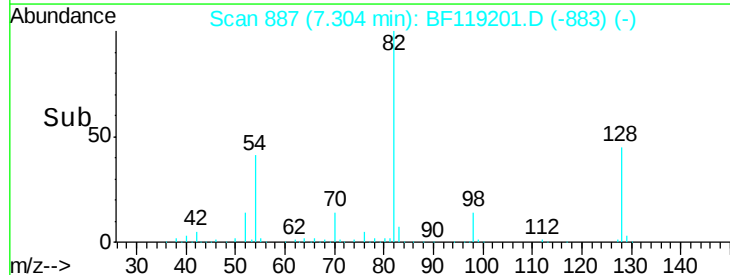
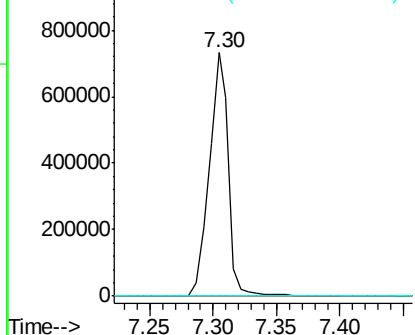


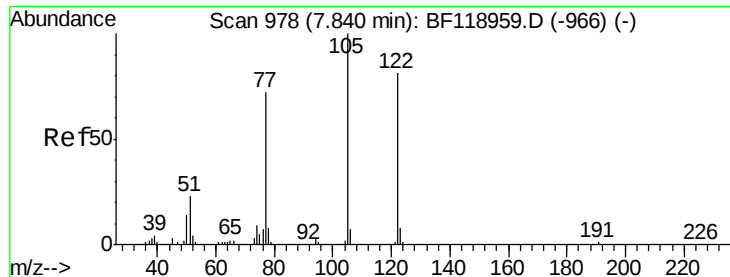
#25
Isophorone
Concen: 49.830 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Tgt Ion: 82 Resp: 763390
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



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





#32

Benzoic acid

Concen: 6.701 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.04 min

Lab File: BF119201.D

Acq: 4 Mar 2020 18:23

Instrument :

BNA_F

ClientSampleId :

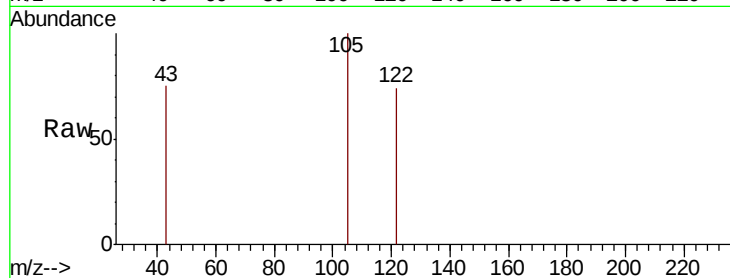
Tot Ion:122 Resp: 109

Ion Ratio Lower Upper

122 100

105 135.9 106.3 146.3

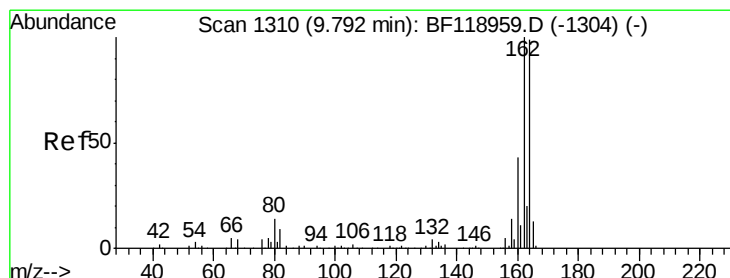
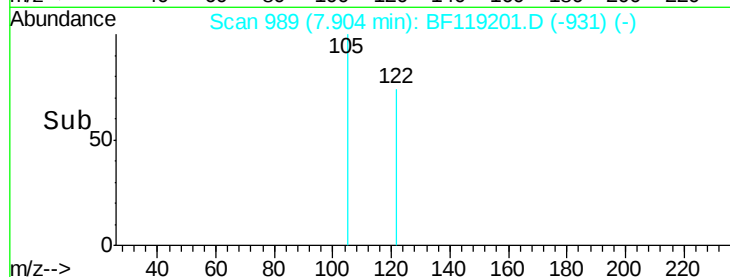
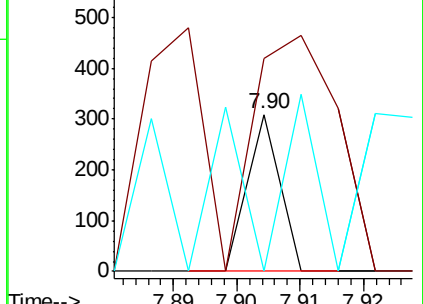
77 0.0 73.1 113.1#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119201.D

Acq: 4 Mar 2020 18:23

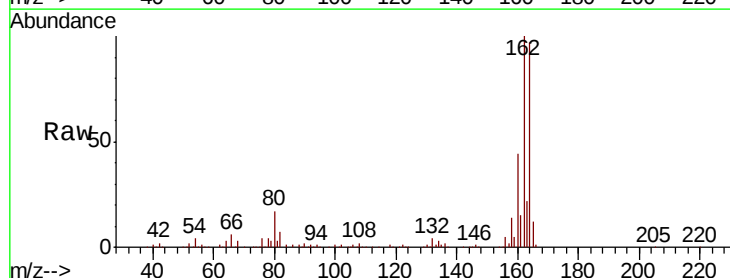
Tgt Ion:164 Resp: 234677

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.8

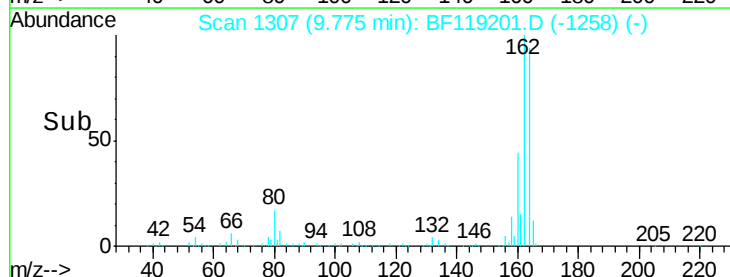
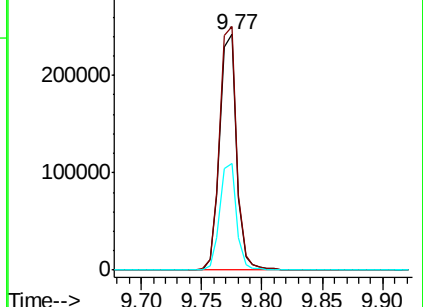
160 45.0 36.0 54.0

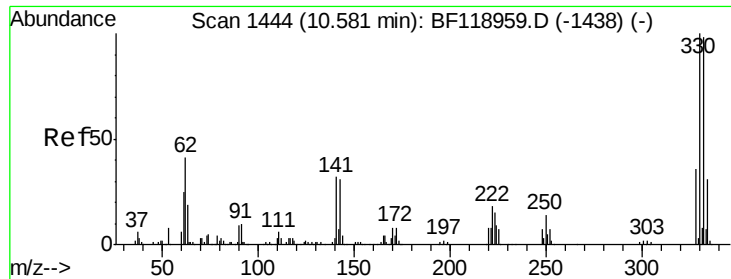


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

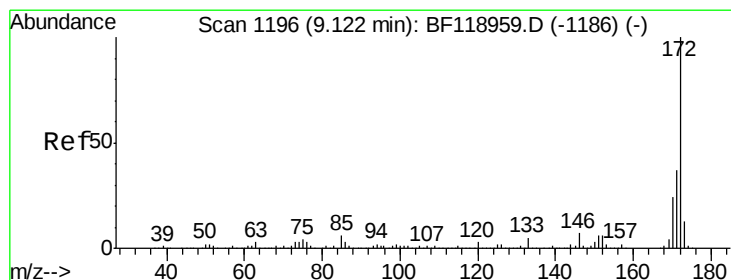
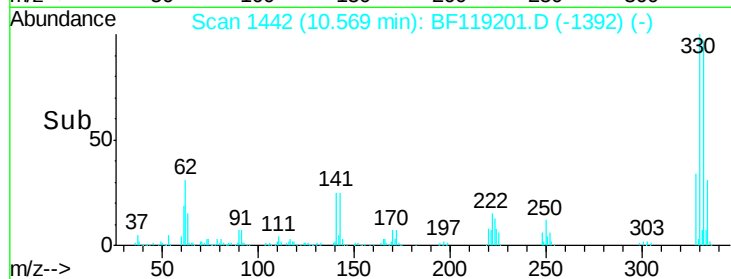
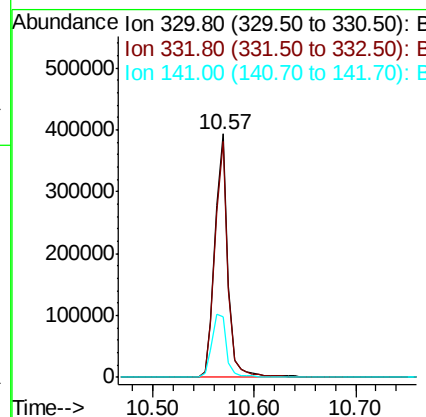
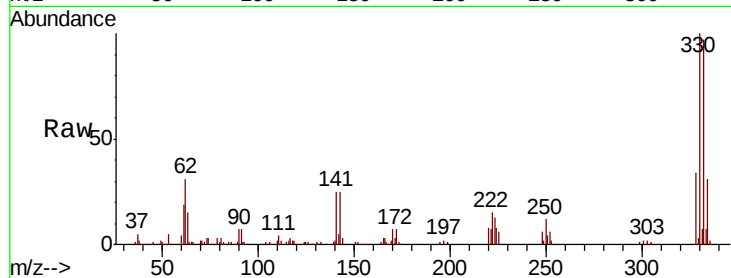




#42
 2,4,6-Tribromophenol
 Concen: 115.024 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119201.D
 Acq: 4 Mar 2020 18:23

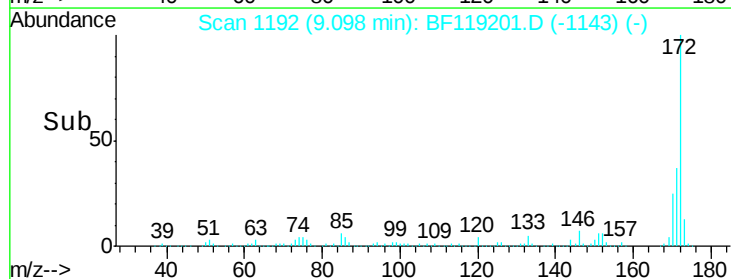
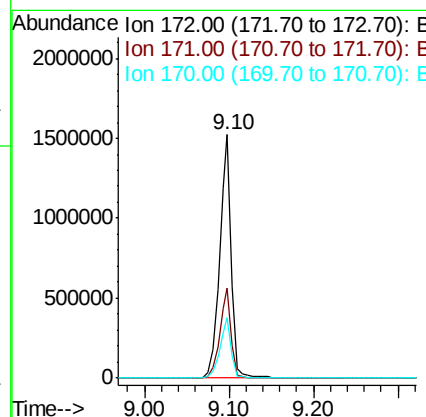
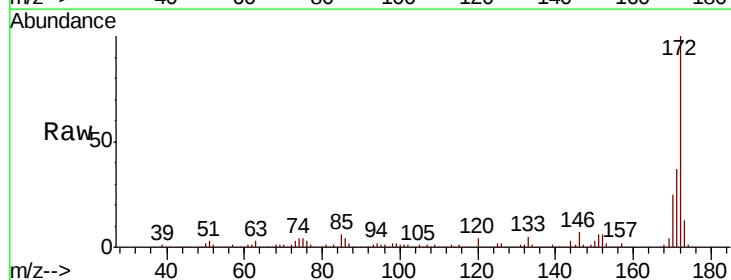
Instrument :
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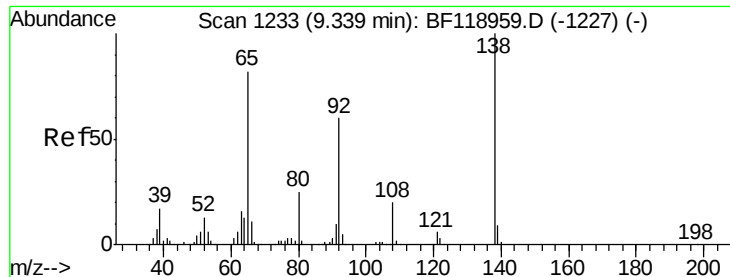
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	29.7	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 93.730 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119201.D
 Acq: 4 Mar 2020 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	45.8
170	24.7	20.2	30.2

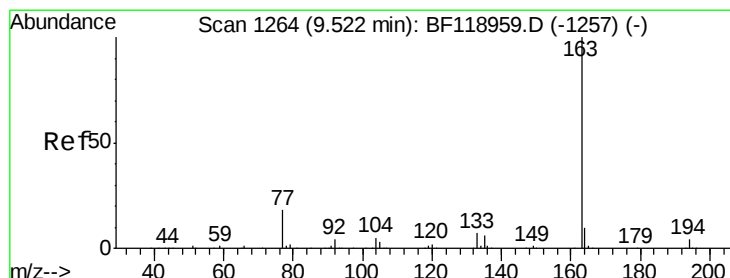
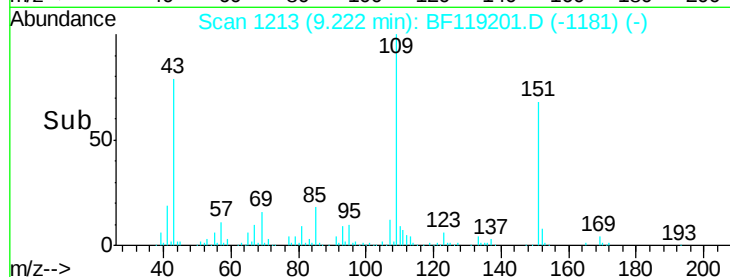
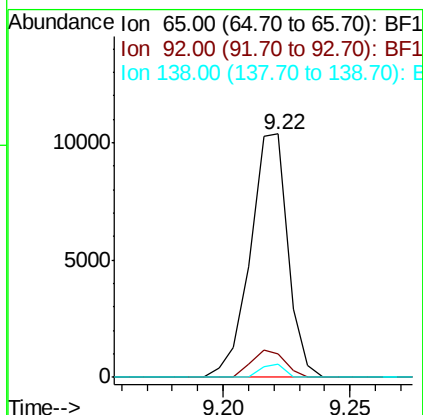
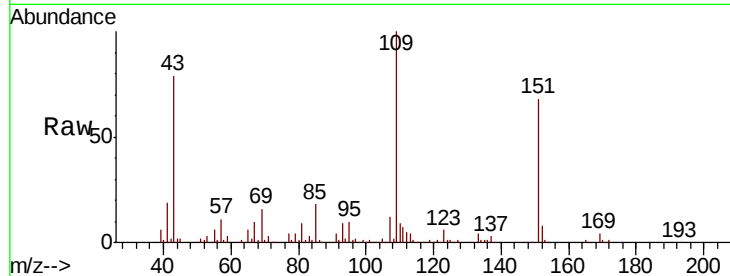




#48
2-Nitroaniline
Concen: 2.516 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.11 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

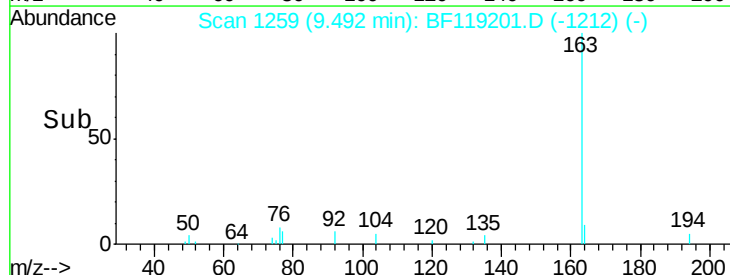
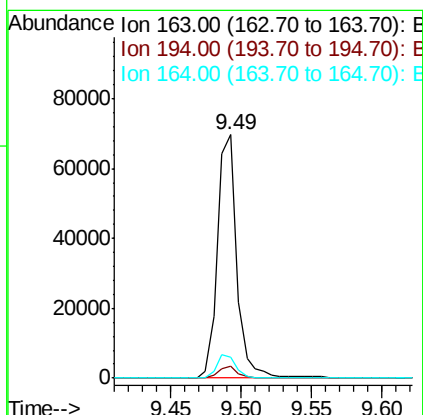
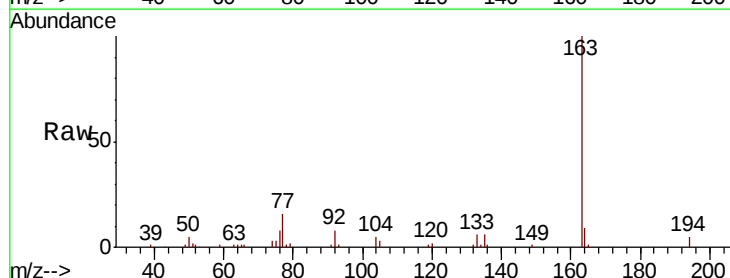
Instrument :
BNA_F
ClientSampled :

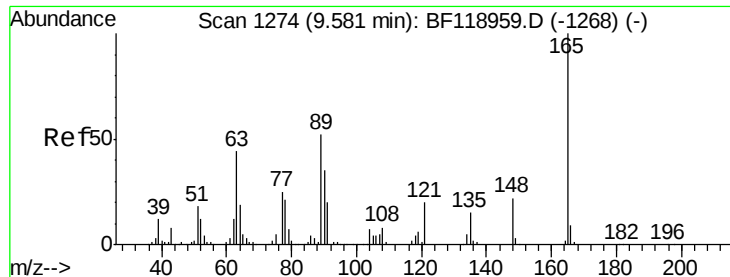
Tot Ion: 65 Resp: 10726
Ion Ratio Lower Upper
65 100
92 9.8 58.2 87.2#
138 5.2 95.6 143.4#



#50
Dimethylphthalate
Concen: 3.729 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Tgt Ion: 163 Resp: 66915
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 8.6 8.4 12.6

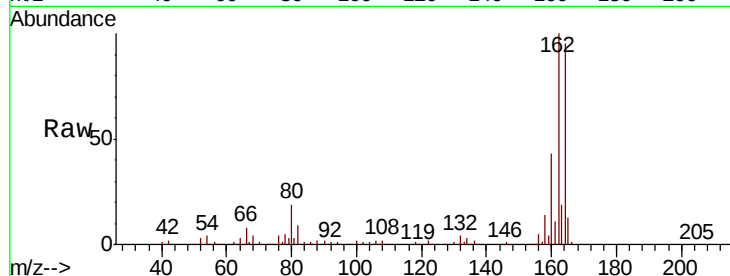




#51
 2,6-Dinitrotoluene
 Concen: 7.595 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.19 min
 Lab File: BF119201.D
 Acq: 4 Mar 2020 18:23

Instrument :
 BNA_F
 ClientSampleId :

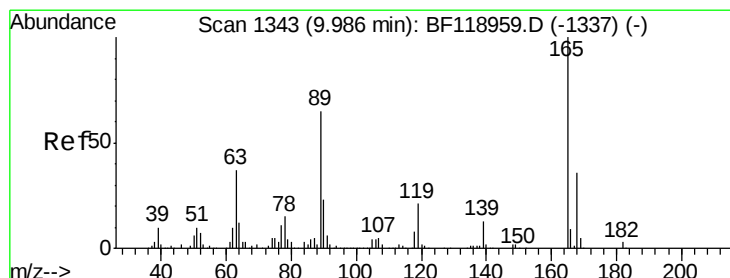
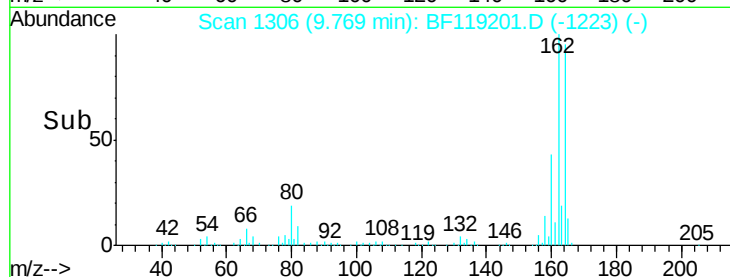
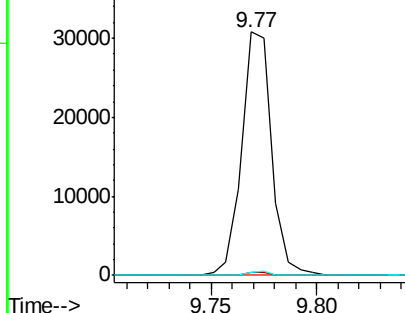
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.3	38.3	57.5#



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



#57
 2,4-Dinitrotoluene
 Concen: 5.859 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.22 min
 Lab File: BF119201.D
 Acq: 4 Mar 2020 18:23

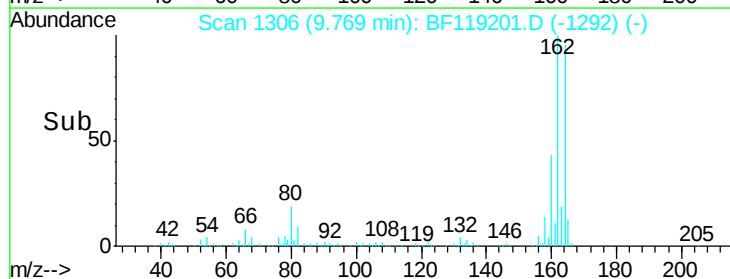
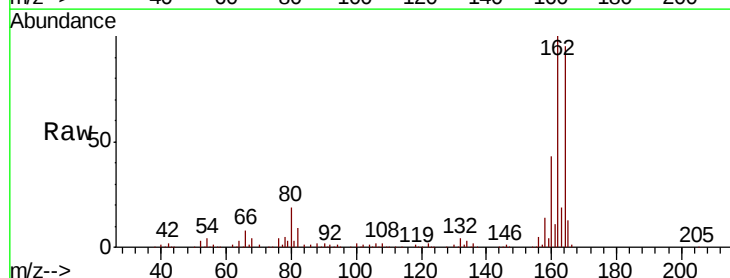
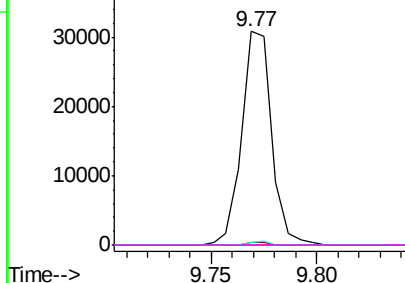
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.3	63.5#
89	1.3	60.2	90.4#
182	0.0	2.3	3.5#

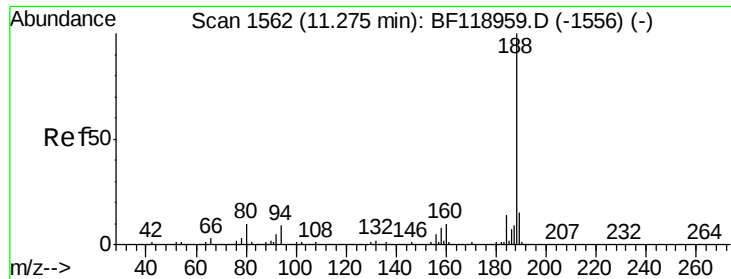
Abundance Ion 165.00 (164.70 to 165.70): E

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

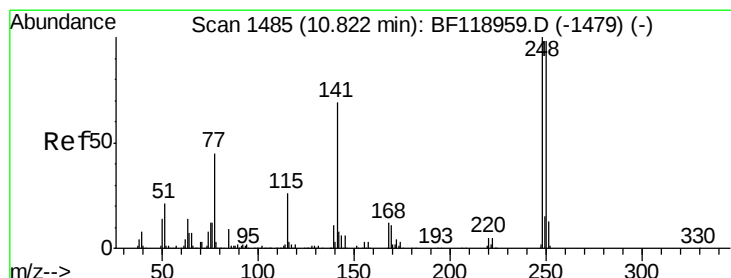
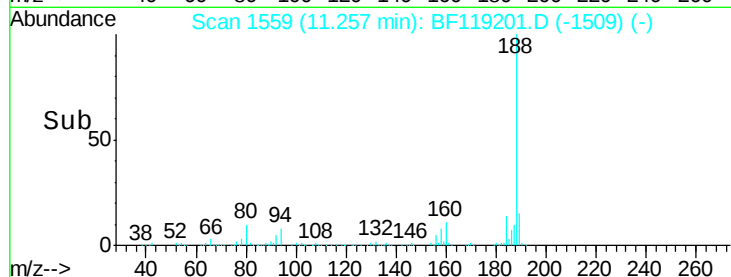
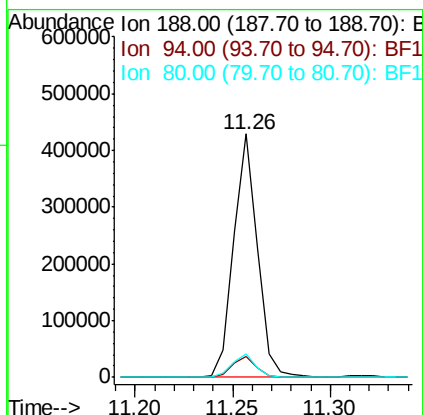
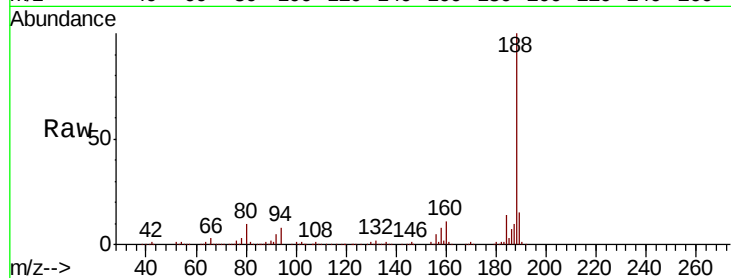




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

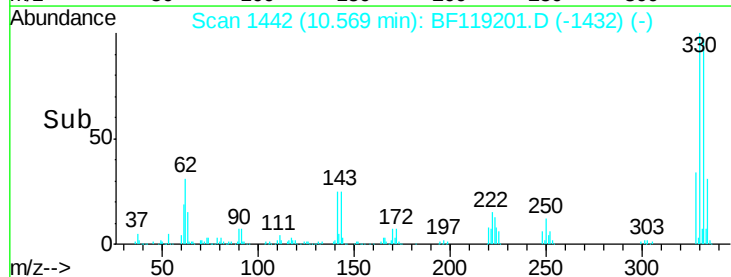
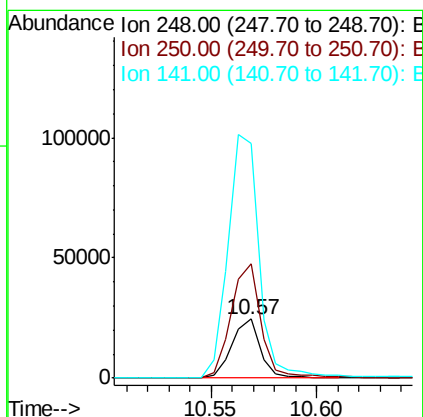
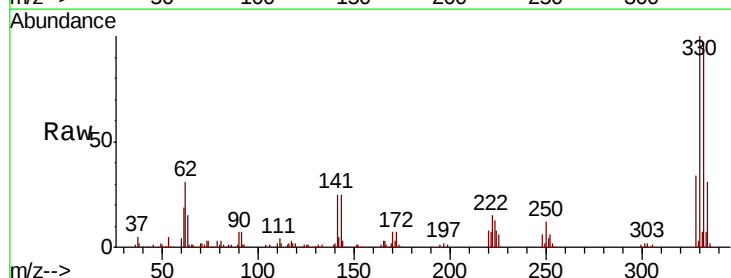
Instrument :
BNA_F
ClientSampled :

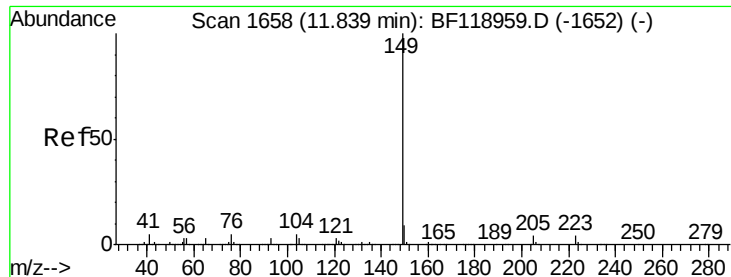
Tot Ion:188 Resp: 363197
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.6 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.808 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Tgt Ion:248 Resp: 22825
Ion Ratio Lower Upper
248 100
250 194.6 76.7 115.1#
141 397.9 60.7 91.1#

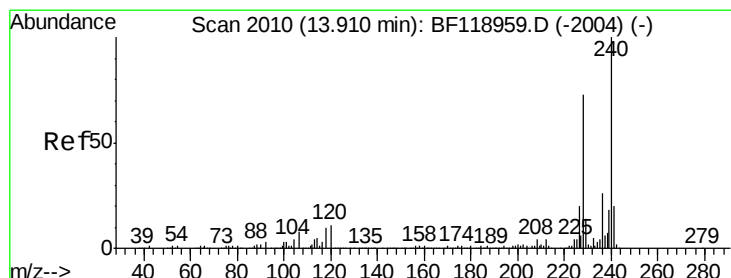
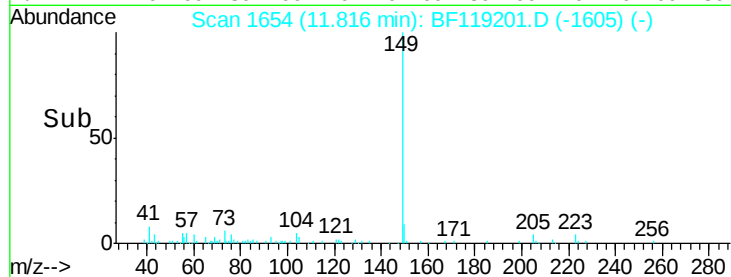
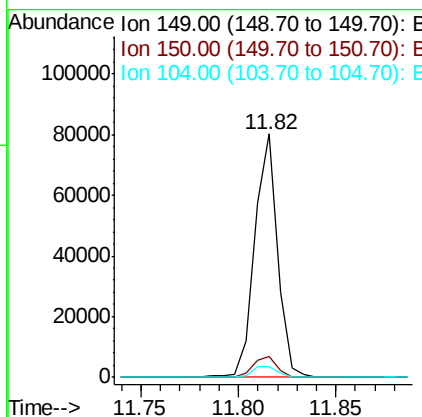
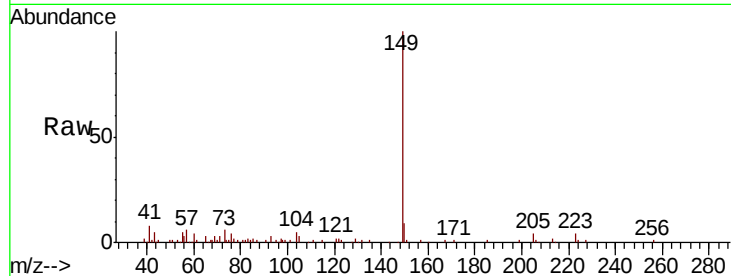




#74
Di-n-butylphthalate
Concen: 3.045 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

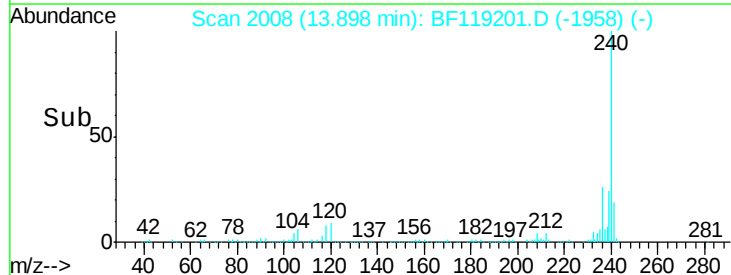
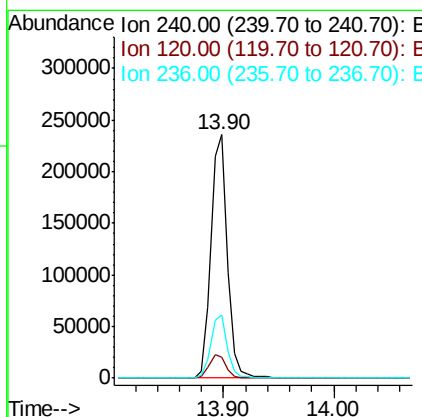
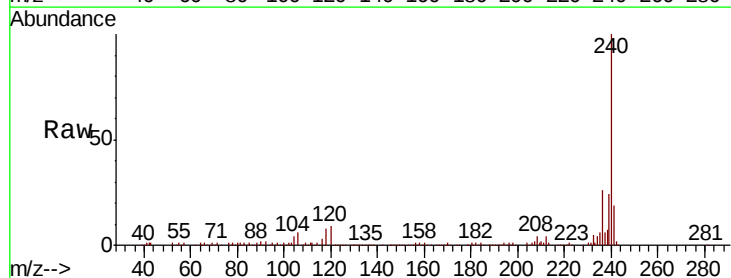
Instrument :
BNA_F
ClientSampled :

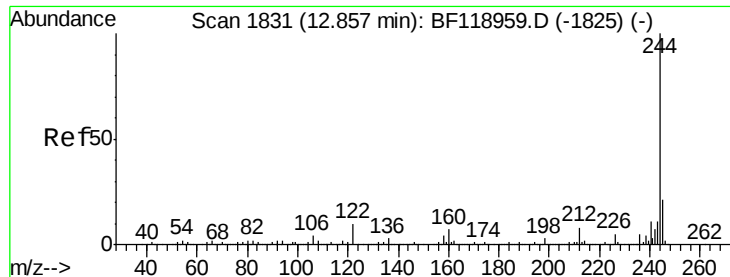
Tot Ion:149 Resp: 65017
Ion Ratio Lower Upper
149 100
150 8.7 7.9 11.9
104 4.5 4.6 6.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Tgt Ion:240 Resp: 238410
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.9 21.0 31.4





#79

Terphenyl-d14

Concen: 100.299 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119201.D

Acq: 4 Mar 2020 18:23

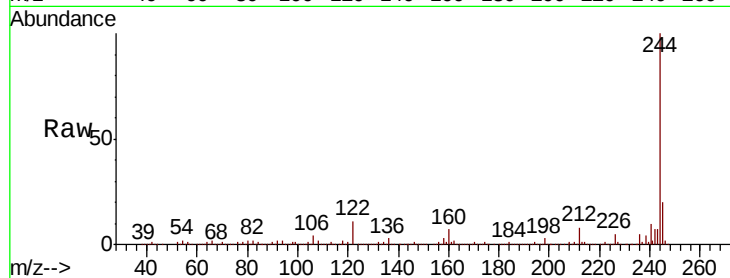
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1388893

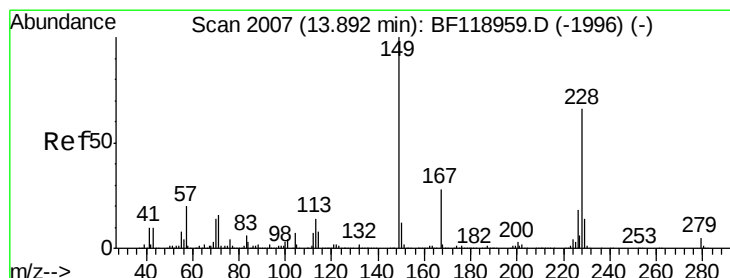
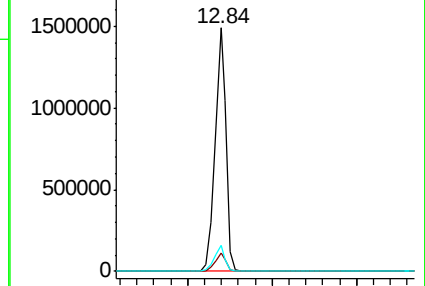
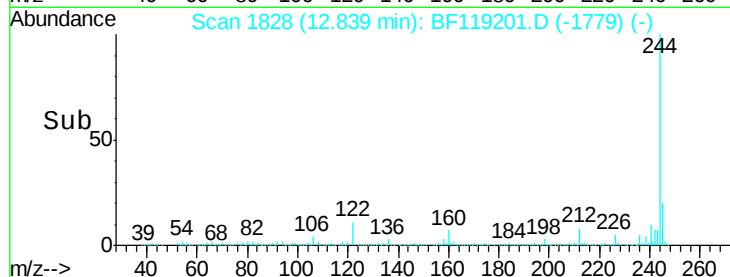
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	10.6	8.2	12.2



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: 7.675 ng

RT: 13.87 min Scan# 2003

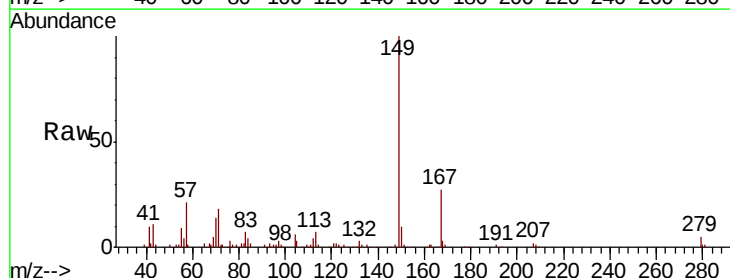
Delta R.T. -0.01 min

Lab File: BF119201.D

Acq: 4 Mar 2020 18:23

Tgt Ion:149 Resp: 78123

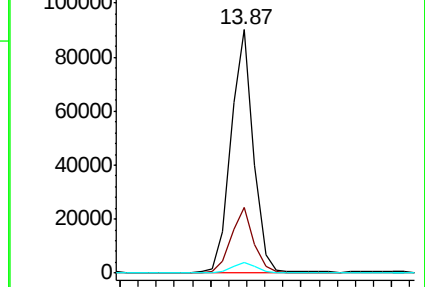
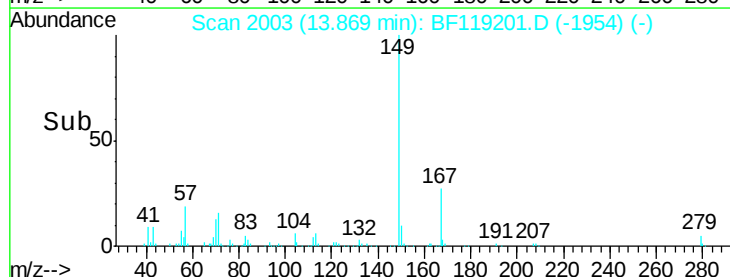
Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.8	34.2
279	4.5	4.6	6.8

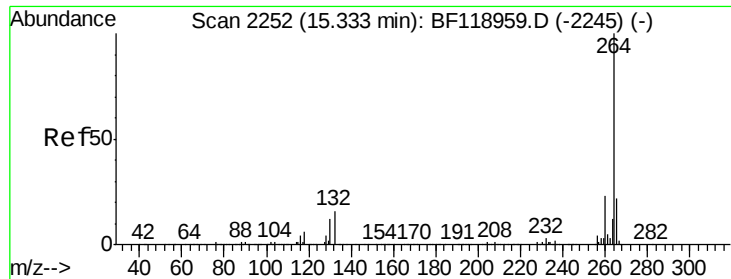


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 278346

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.9	17.7	26.5

