

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119976.D
 Acq On : 15 Apr 2020 2:14
 Operator : MA/SJ
 Sample : L2215-26
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Apr 15 04:38:18 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

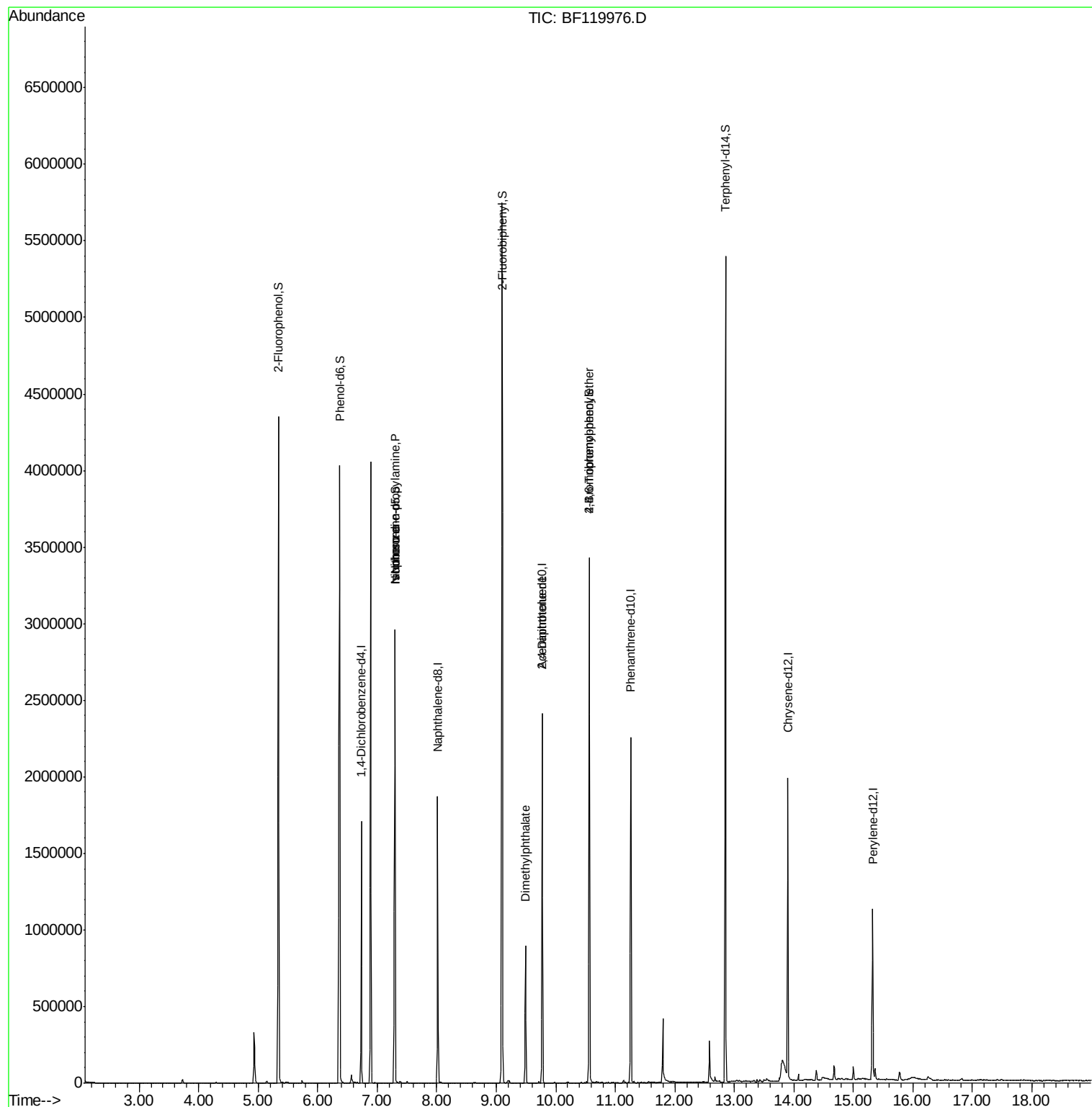
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	227482	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	883211	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	466539	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	882942	20.00	ng	0.00
76) Chrysene-d12	13.90	240	622211	20.00	ng	-0.01
87) Perylene-d12	15.32	264	476420	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1195075	90.79	ng	0.00
7) Phenol-d6	6.37	99	1543263	90.99	ng	0.00
23) Nitrobenzene-d5	7.30	82	967640	56.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	413204	72.34	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1885059	57.37	ng	0.00
79) Terphenyl-d14	12.85	244	2068074	55.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2054	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.30	70	124771	11.440	ng	# 75
25) Isophorone	7.30	82	964530	29.308	ng	# 65
50) Dimethylphthalate	9.49	163	318696	8.832	ng	# 99
57) 2,4-Dinitrotoluene	9.77	165	58627	5.631	ng	# 22
67) 4-Bromophenyl-phenylether	10.56	248	25327	2.307	ng	# 1

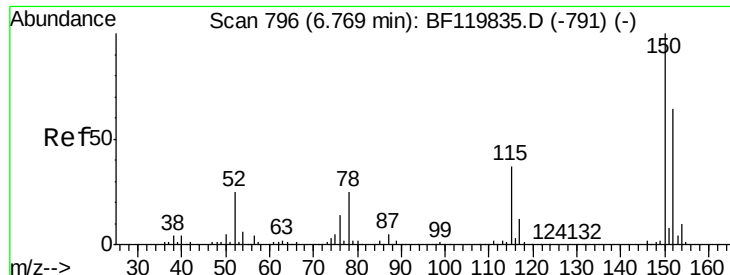
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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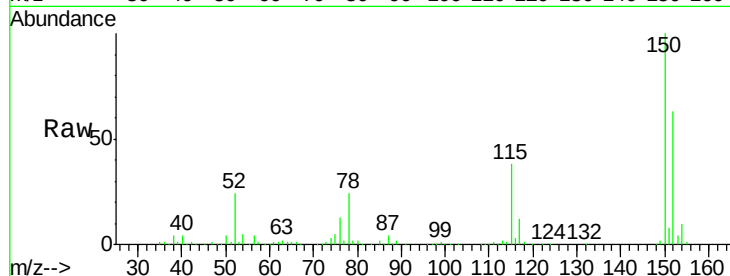


#1

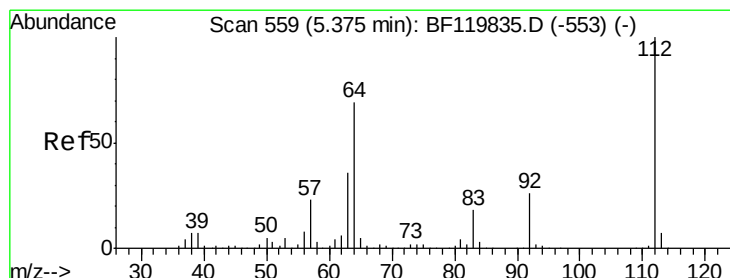
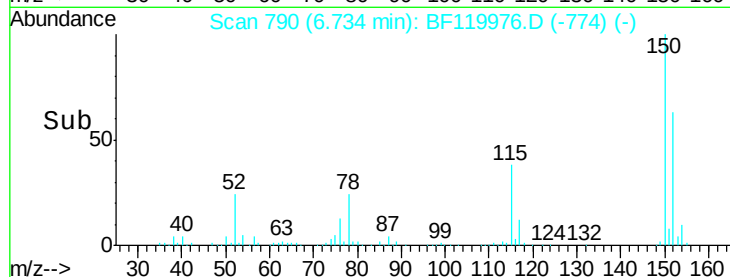
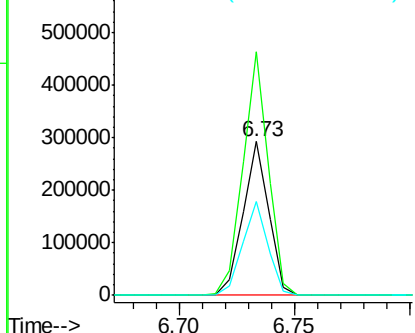
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119976.D
Acq: 15 Apr 2020 2:14

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.8	187.2
115	60.7	46.5	69.7



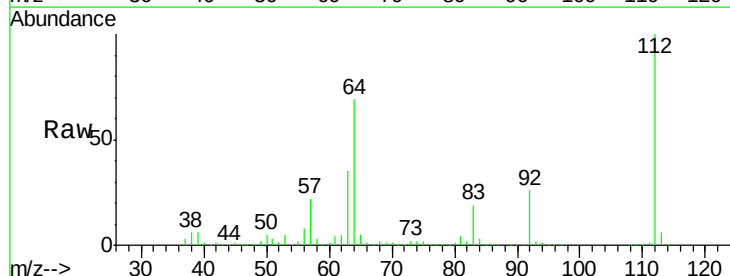
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



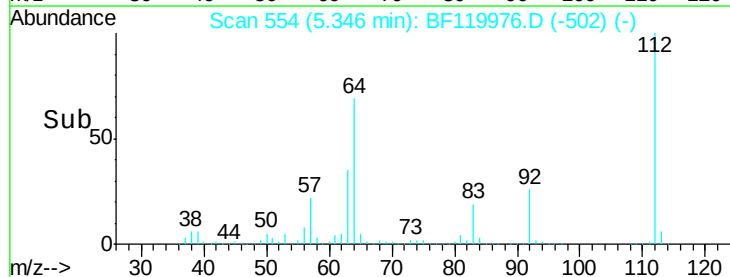
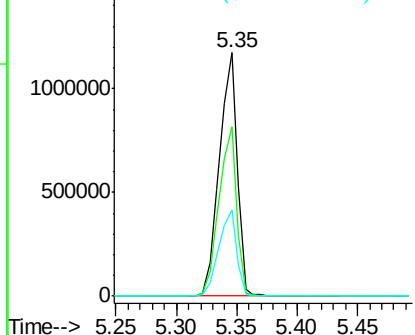
#5

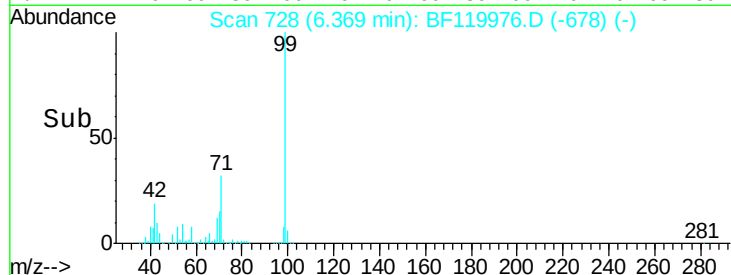
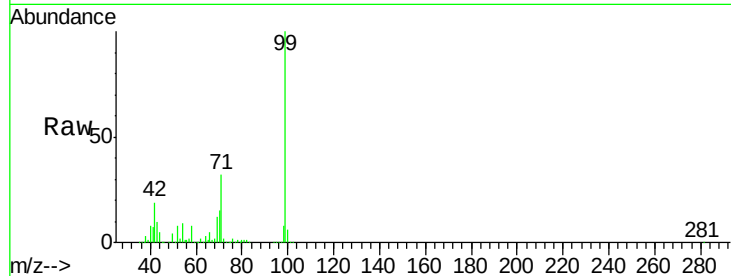
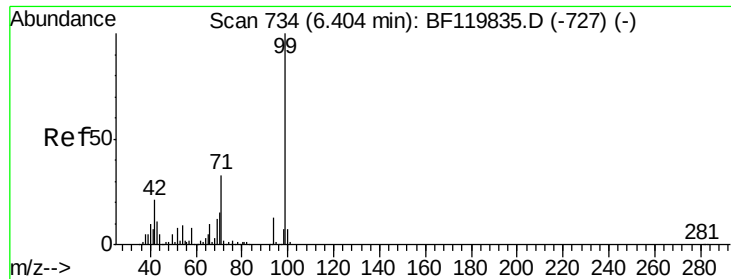
2-Fluorophenol
Concen: 90.790 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF119976.D
Acq: 15 Apr 2020 2:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	55.5	83.3
63	35.3	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: 90.988 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119976.D

Acq: 15 Apr 2020 2:14

Instrument :

BNA_F

ClientSampleId :

TP-1

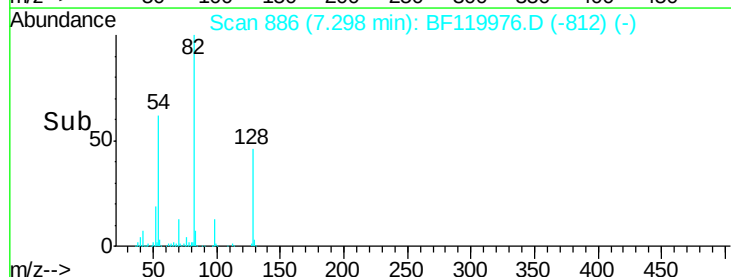
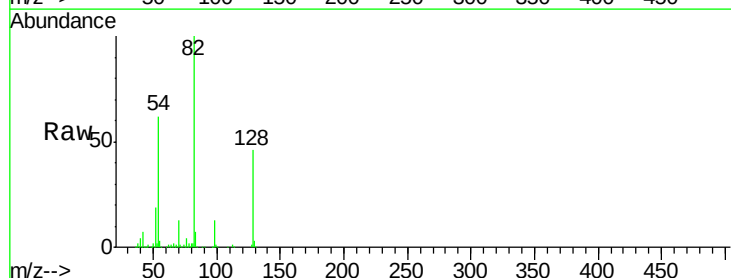
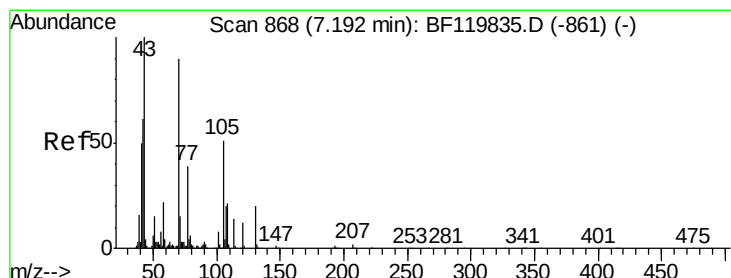
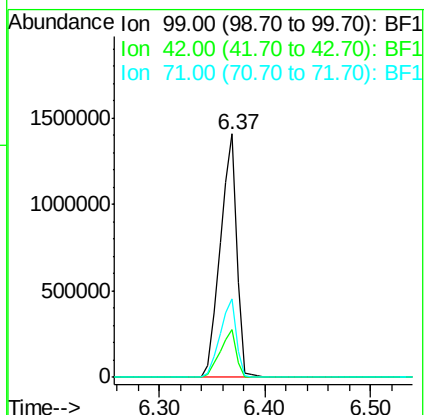
Tot Ion: 99 Resp: 1543263

Ion Ratio Lower Upper

99 100

42 19.4 16.9 25.3

71 32.3 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 11.440 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119976.D

Acq: 15 Apr 2020 2:14

Tgt Ion: 70 Resp: 124771

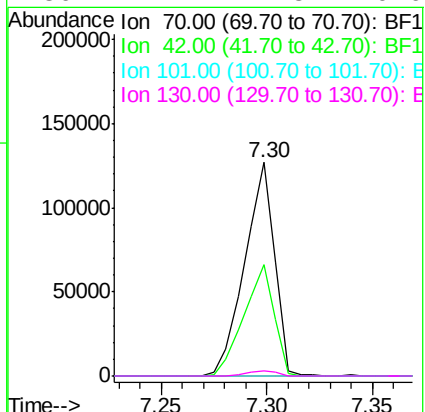
Ion Ratio Lower Upper

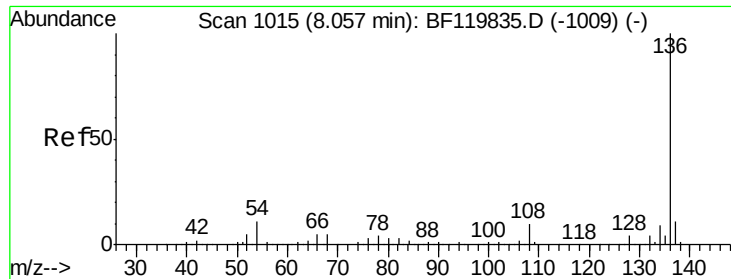
70 100

42 52.0 54.2 81.4#

101 0.0 7.4 11.2#

130 2.7 17.8 26.6#

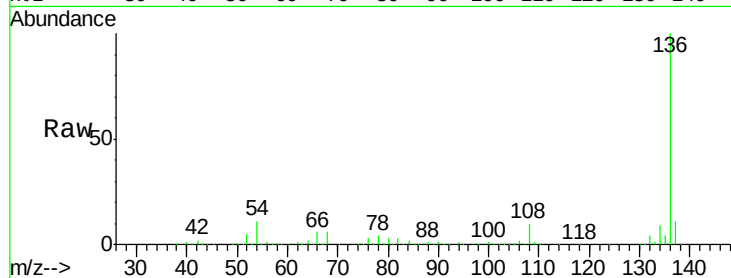




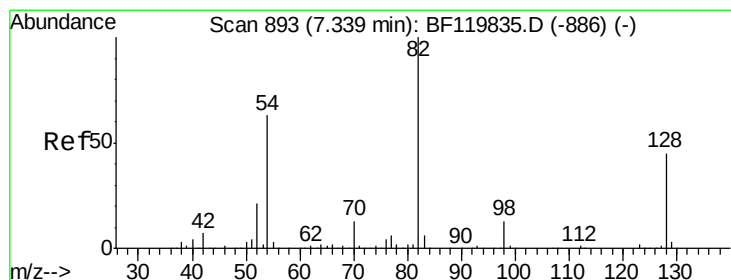
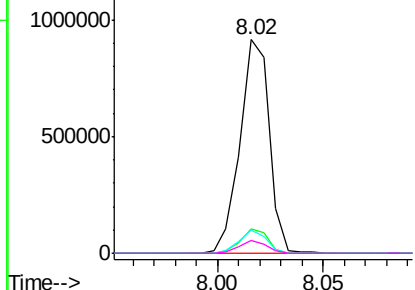
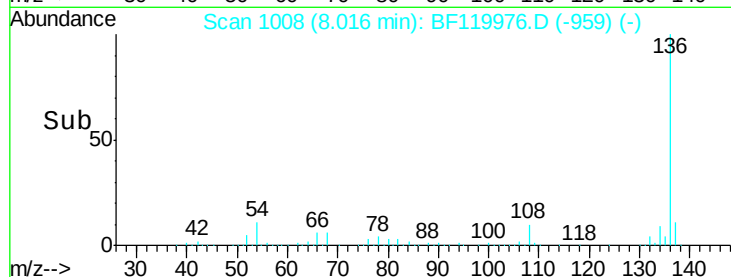
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119976.D
Acq: 15 Apr 2020 2:14

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion:136 Resp: 883211
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 10.9 8.5 12.7
68 6.1 3.9 5.9#

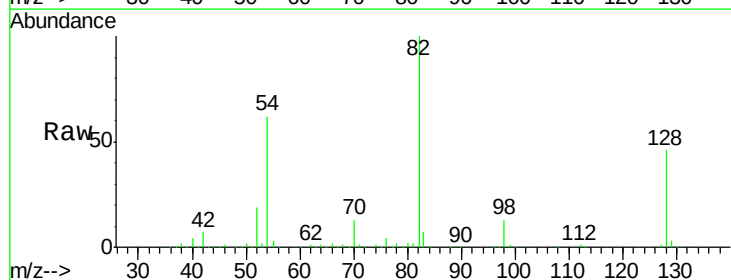


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

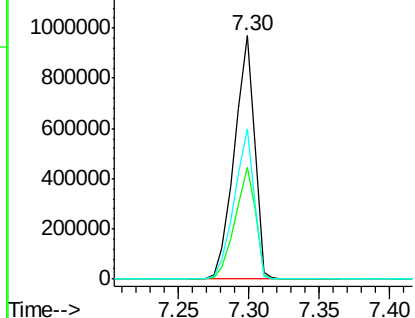
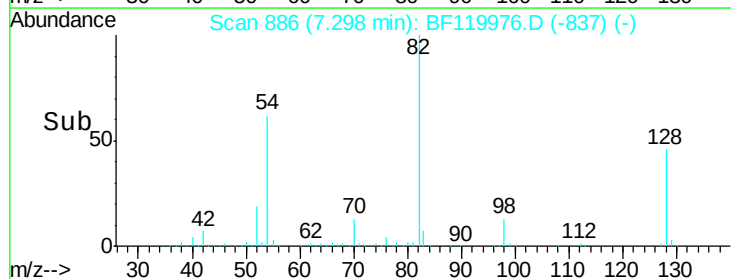


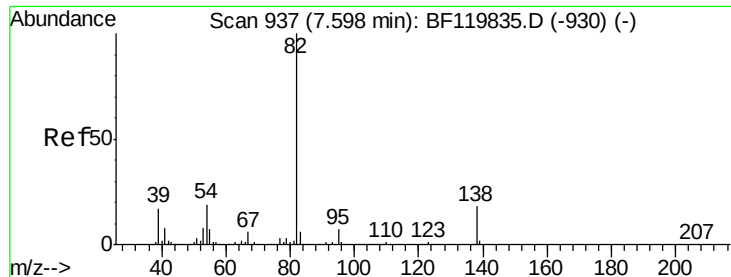
#23
Nitrobenzene-d5
Concen: 56.679 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119976.D
Acq: 15 Apr 2020 2:14

Tgt Ion: 82 Resp: 967640
Ion Ratio Lower Upper
82 100
128 45.8 36.2 54.4
54 61.7 50.4 75.6



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





#25

Isophorone

Concen: 29.308 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119976.D

Acq: 15 Apr 2020 2:14

Instrument :

BNA_F

ClientSampled :

TP-1

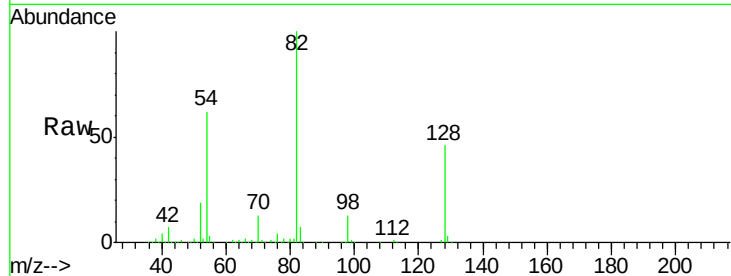
Tot Ion: 82 Resp: 964530

Ion Ratio Lower Upper

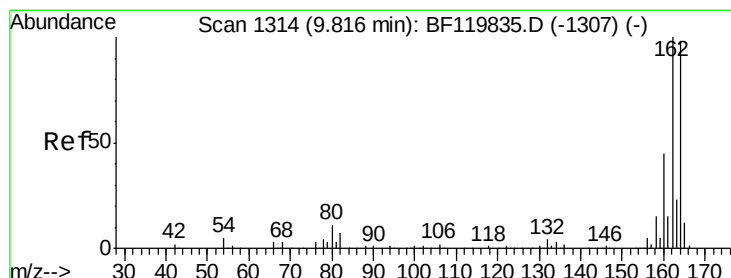
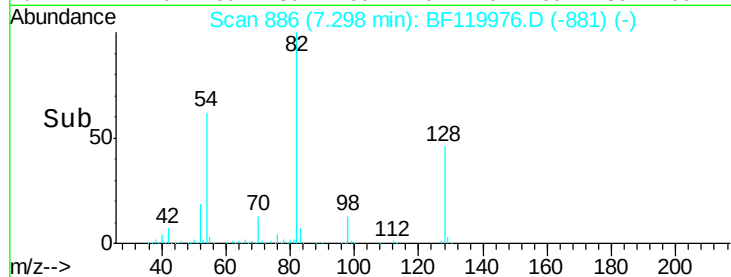
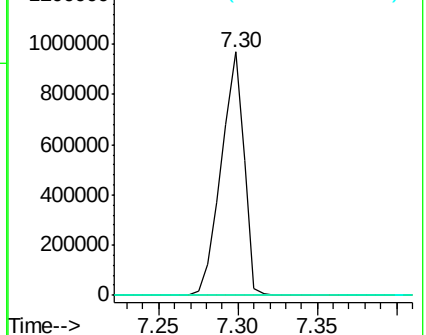
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119976.D

Acq: 15 Apr 2020 2:14

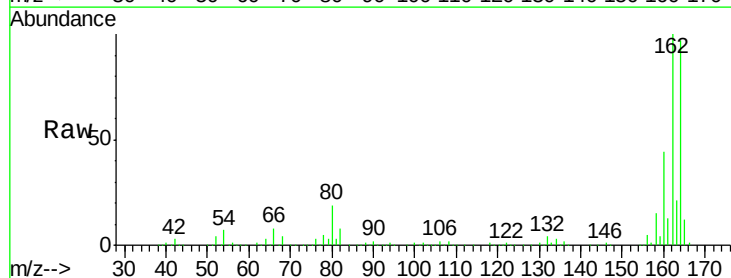
Tgt Ion: 164 Resp: 466539

Ion Ratio Lower Upper

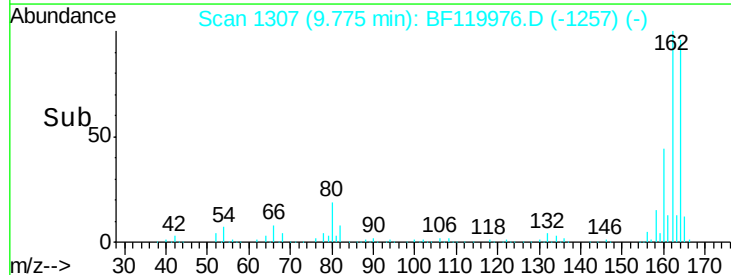
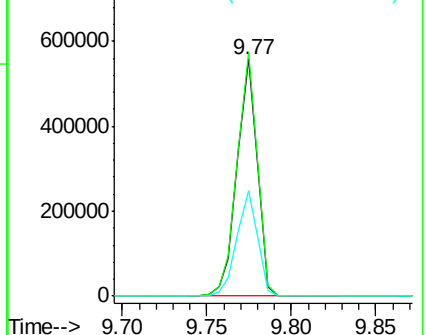
164 100

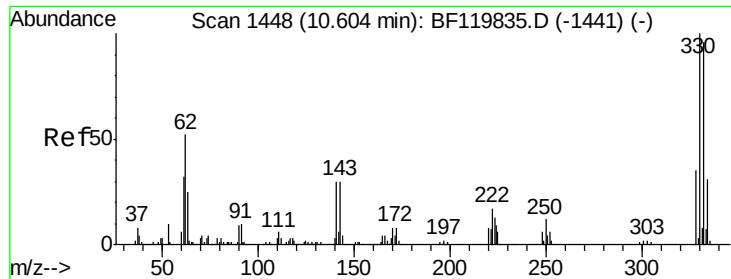
162 102.9 81.9 122.9

160 44.8 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

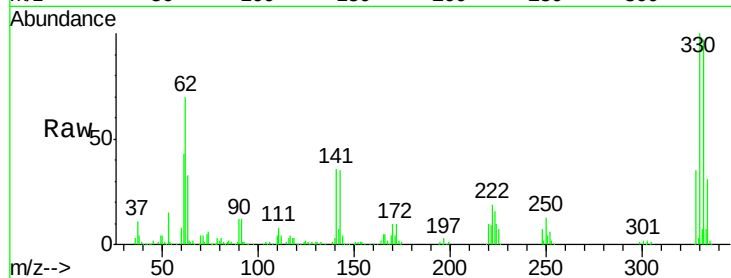




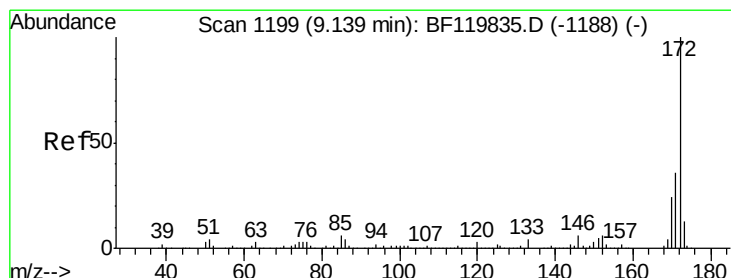
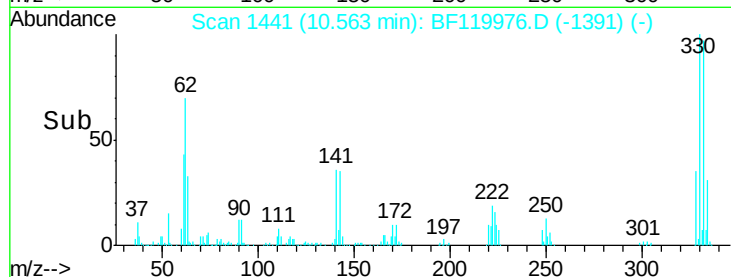
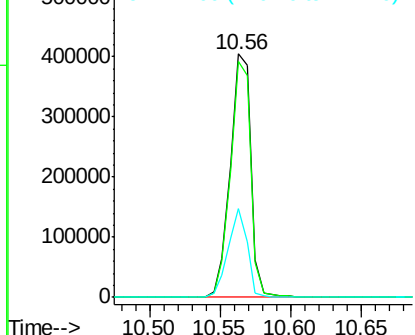
#42
 2,4,6-Tribromophenol
 Concen: 72.339 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119976.D
 Acq: 15 Apr 2020 2:14

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion:330 Resp: 413204
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.8 115.2
 141 33.9 25.1 37.7

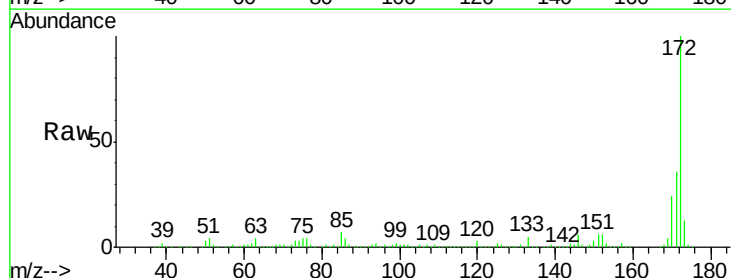


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

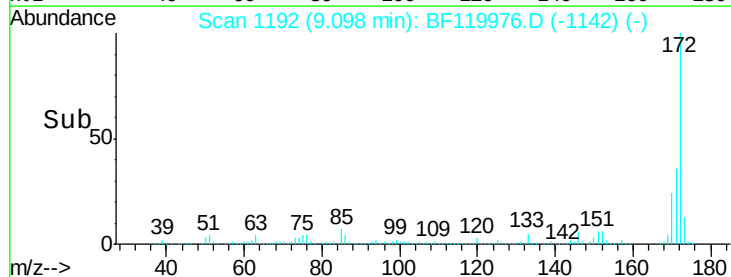
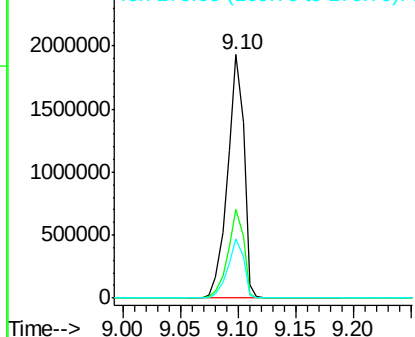


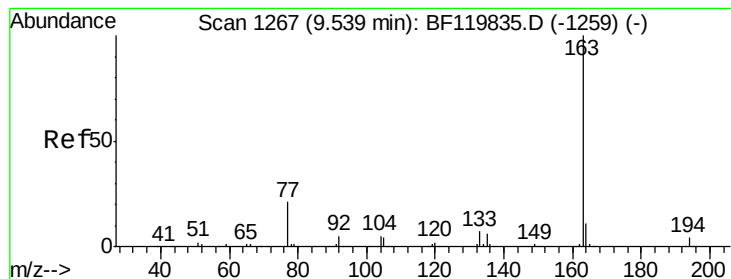
#45
 2-Fluorobiphenyl
 Concen: 57.367 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119976.D
 Acq: 15 Apr 2020 2:14

Tgt Ion:172 Resp: 1885059
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.3 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





#50

Dimethylphthalate

Concen: 8.832 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119976.D

Acq: 15 Apr 2020 2:14

Instrument :

BNA_F

ClientSampled :

TP-1

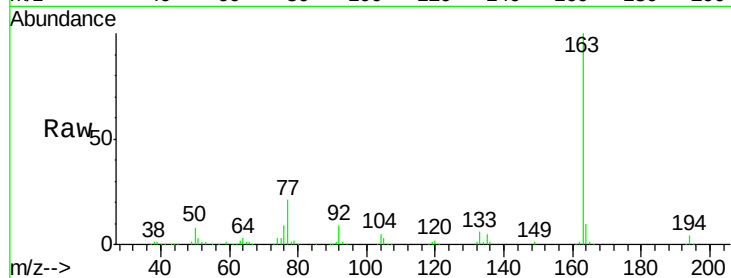
Tot Ion:163 Resp: 318696

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

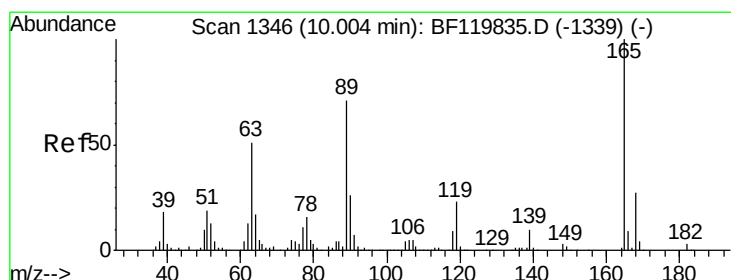
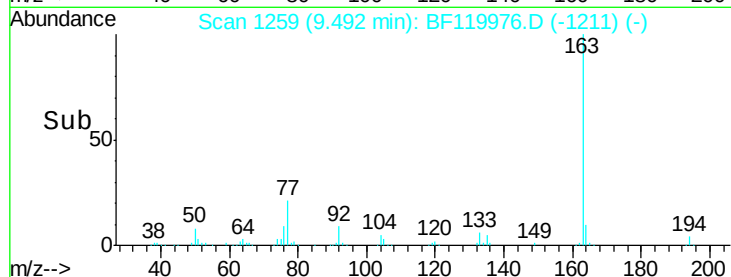
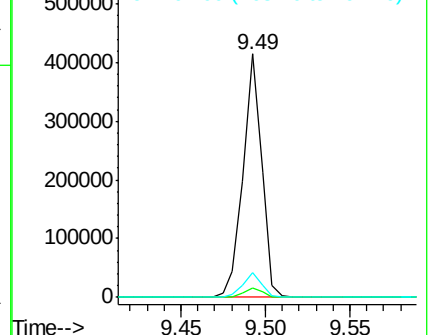
164 10.0 8.4 12.6



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: 5.631 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.20 min

Lab File: BF119976.D

Acq: 15 Apr 2020 2:14

Tgt Ion:165 Resp: 58627

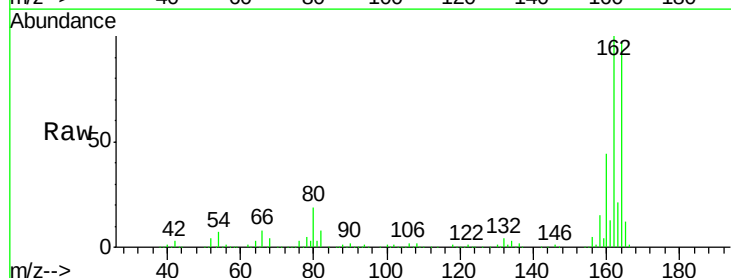
Ion Ratio Lower Upper

165 100

63 0.9 40.8 61.2#

89 1.2 56.9 85.3#

182 0.0 2.0 3.0#

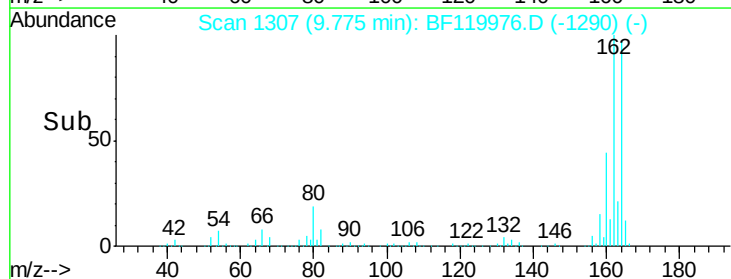
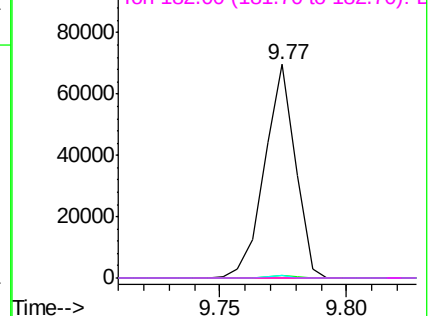


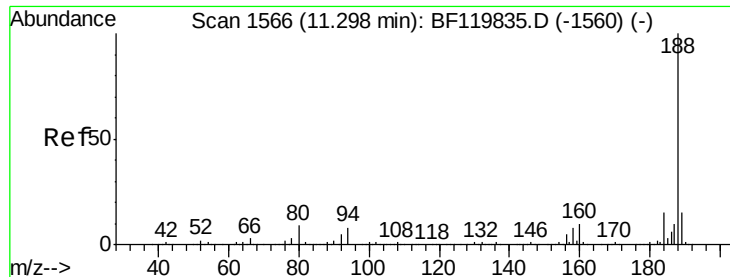
Abundance Ion 165.00 (164.70 to 165.70): E

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

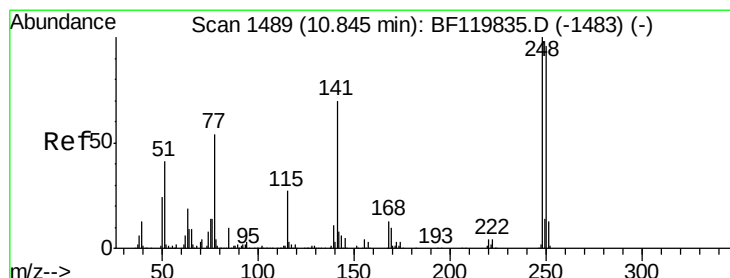
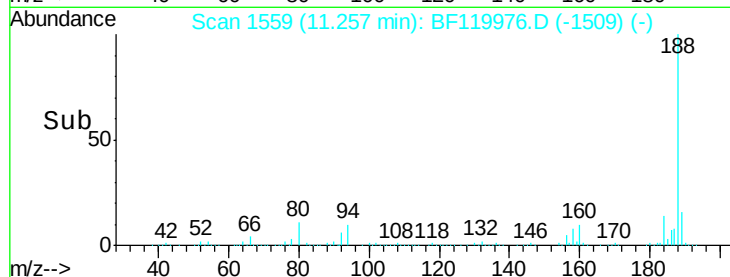
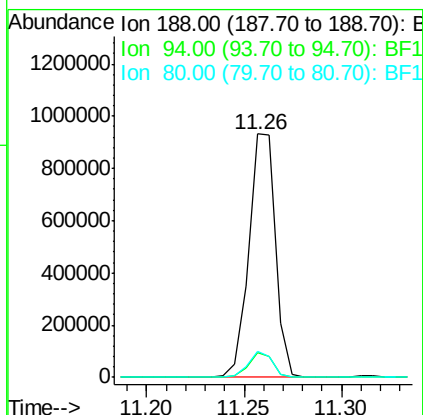
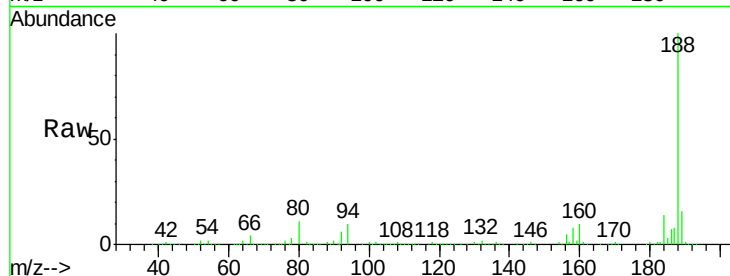




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119976.D
Acq: 15 Apr 2020 2:14

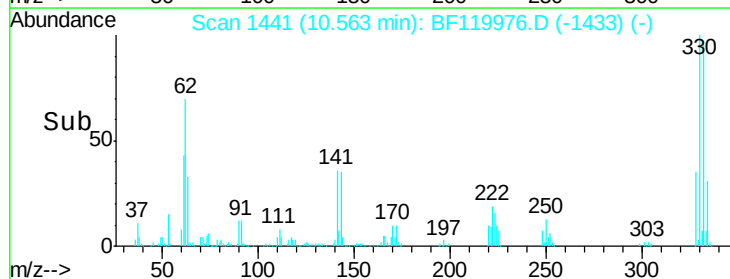
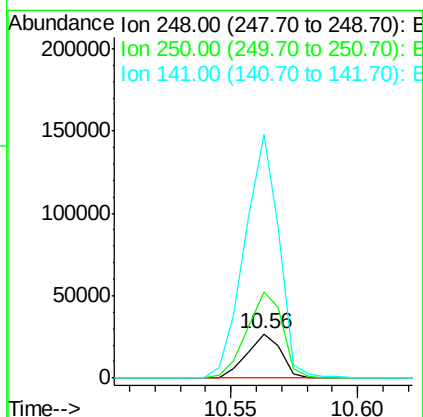
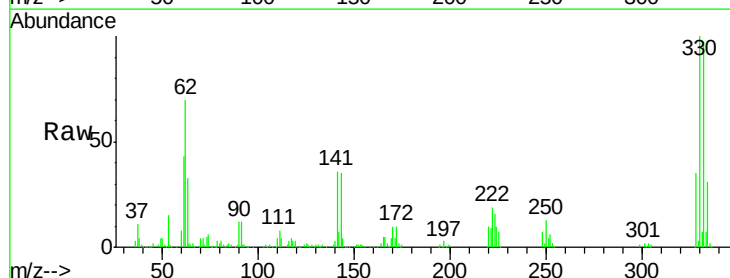
Instrument :
BNA_F
ClientSampleId :
TP-1

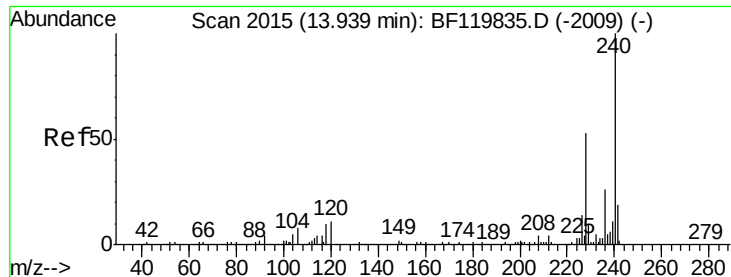
Tot Ion:188 Resp: 882942
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 11.0 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 2.307 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF119976.D
Acq: 15 Apr 2020 2:14

Tgt Ion:248 Resp: 25327
Ion Ratio Lower Upper
248 100
250 193.6 76.6 114.8#
141 548.8 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119976.D

Acq: 15 Apr 2020 2:14

Instrument :

BNA_F

ClientSampleId :

TP-1

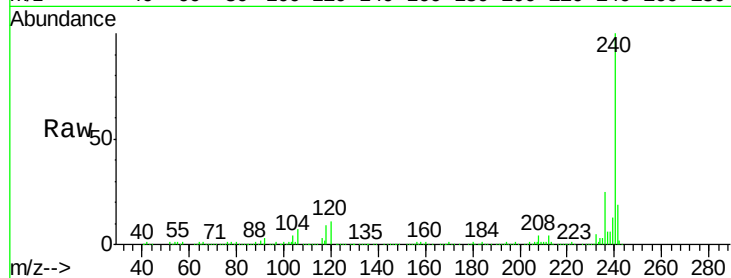
Tot Ion:240 Resp: 622211

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.6

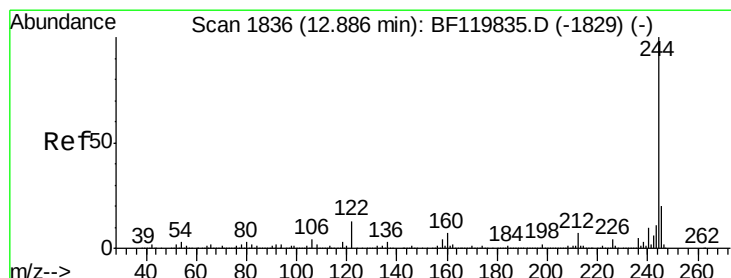
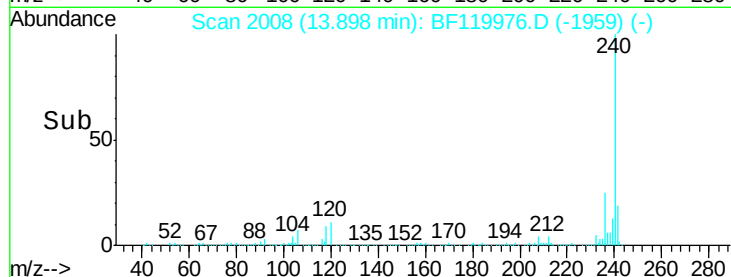
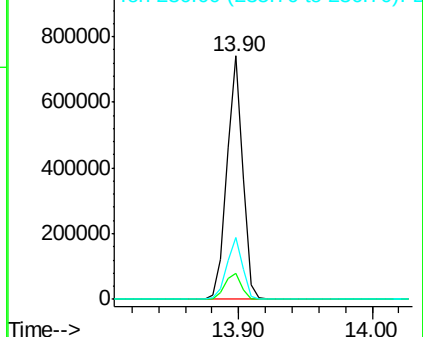
236 25.3 20.7 31.1



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



#79

Terphenyl-d14

Concen: 55.927 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119976.D

Acq: 15 Apr 2020 2:14

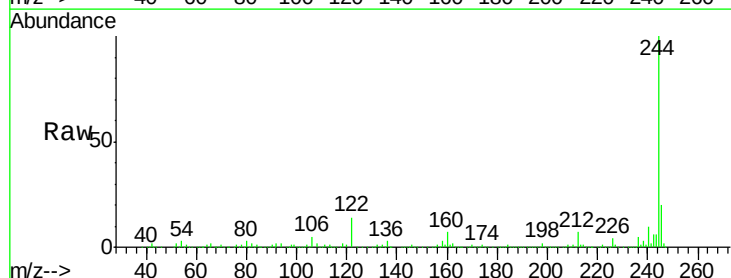
Tgt Ion:244 Resp: 2068074

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

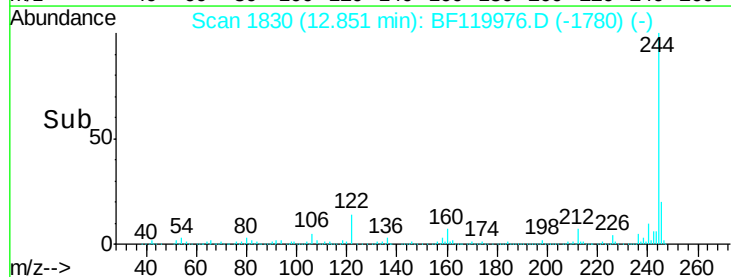
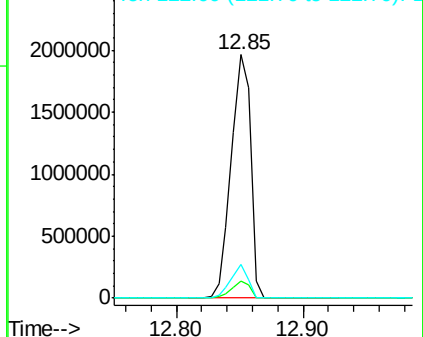
122 13.9 10.3 15.5

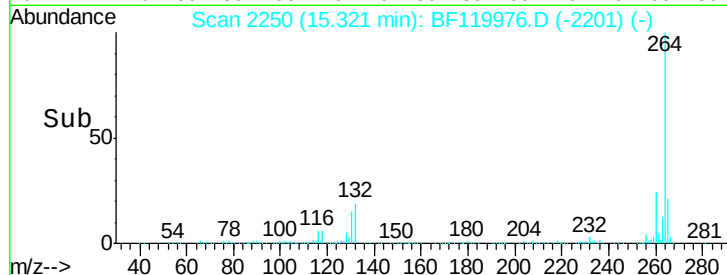
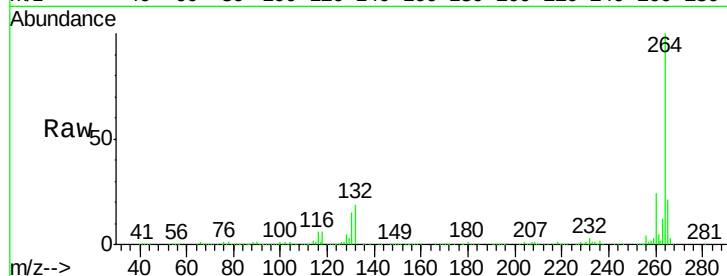
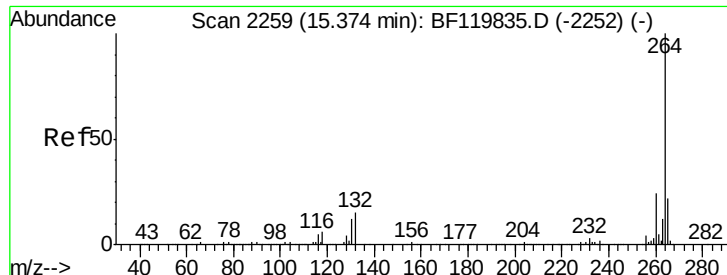


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF119976.D
 Acq: 15 Apr 2020 2:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.3	17.6	26.4

