

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041520\
 Data File : BF119983.D
 Acq On : 15 Apr 2020 10:31
 Operator : MA/SJ
 Sample : PB128214BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BL

Quant Time: Apr 15 11:22:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

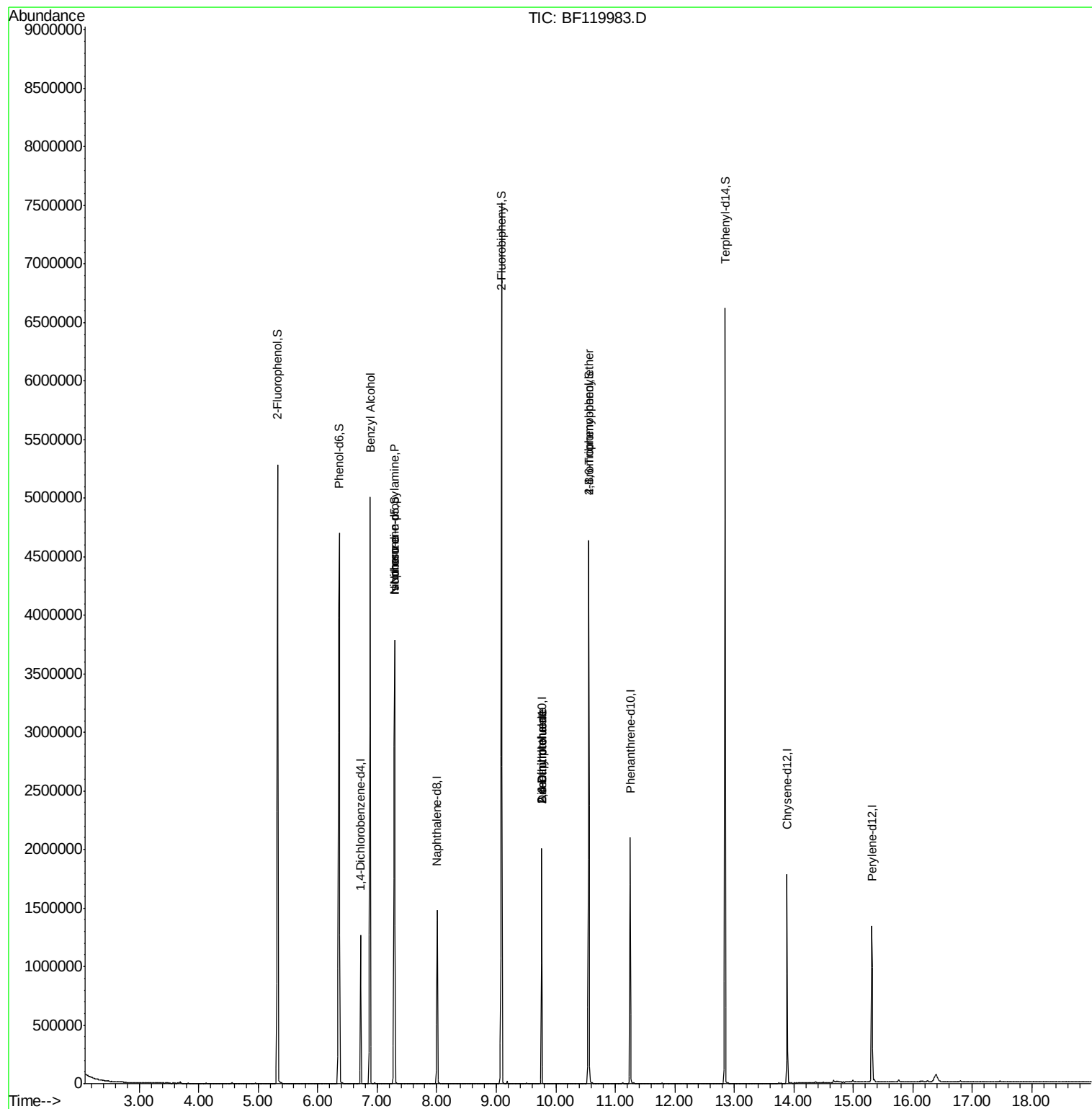
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	181442	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	691685	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	374990	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	756033	20.00	ng	0.00
76) Chrysene-d12	13.89	240	610319	20.00	ng	-0.01
87) Perylene-d12	15.31	264	563848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1597184	152.13	ng	0.00
7) Phenol-d6	6.36	99	2020357	149.34	ng	0.00
23) Nitrobenzene-d5	7.29	82	1283006	95.96	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	604784	131.73	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2443983	92.53	ng	0.00
79) Terphenyl-d14	12.85	244	2891702	79.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	2828	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	6.88	79	21990	2.093 ng	#	51
19) n-Nitroso-di-n-propylamine	7.29	70	168295	19.345 ng	#	74
25) Isophorone	7.29	82	1277506	49.566 ng	#	65
50) Dimethylphthalate	9.76	163	84221	2.904 ng	#	1
51) 2,6-Dinitrotoluene	9.76	165	47382	7.460 ng	#	19
57) 2,4-Dinitrotoluene	9.76	165	47382	5.662 ng	#	22
67) 4-Bromophenyl-phenylether	10.56	248	36879	3.922 ng	#	1

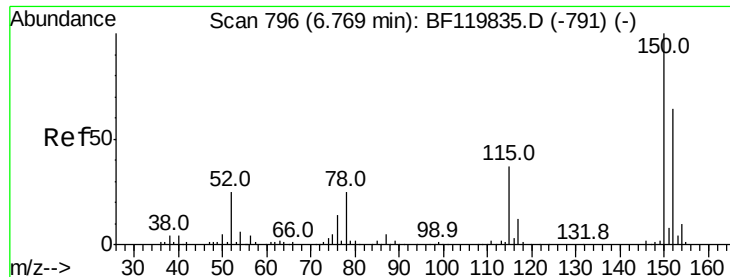
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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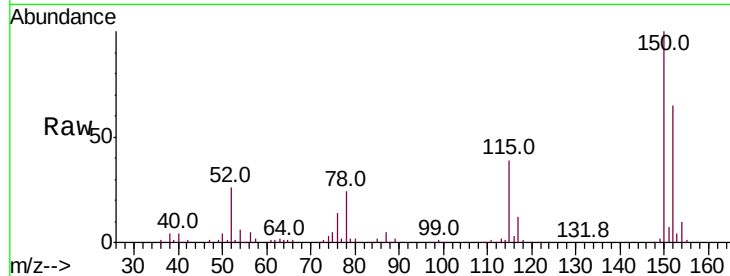


#1

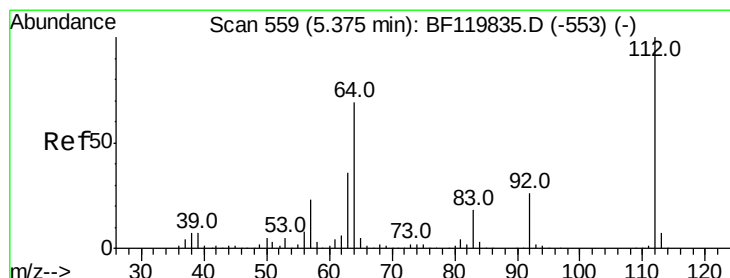
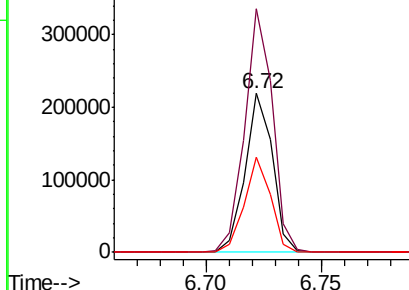
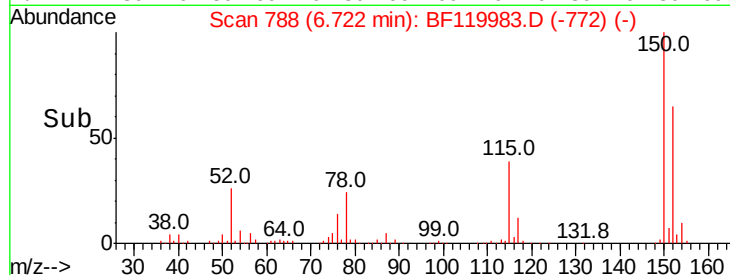
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BL

Tot Ion:152 Resp: 181442
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.8 187.2
 115 59.8 46.5 69.7



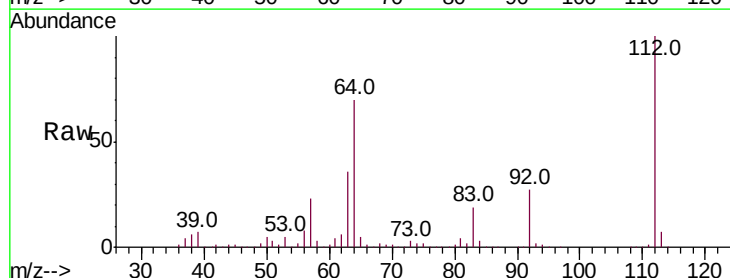
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



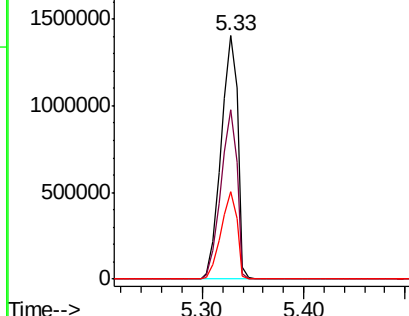
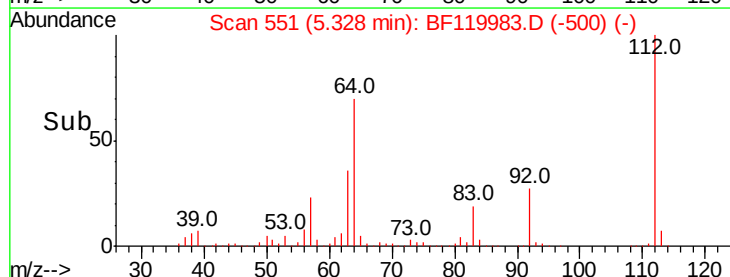
#5

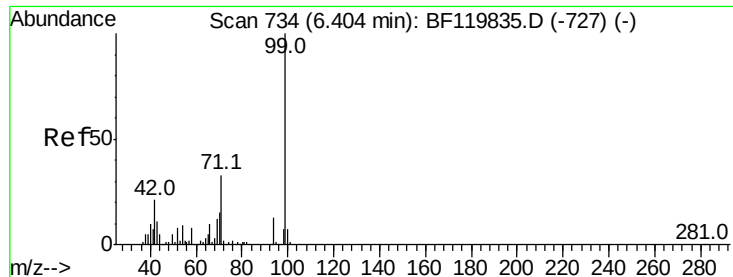
2-Fluorophenol
 Concen: 152.127 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Tgt Ion:112 Resp: 1597184
 Ion Ratio Lower Upper
 112 100
 64 69.7 55.5 83.3
 63 36.0 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: 149.341 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF119983.D

Acq: 15 Apr 2020 10:31

Instrument :

BNA_F

ClientSampleId :

PB128214BL

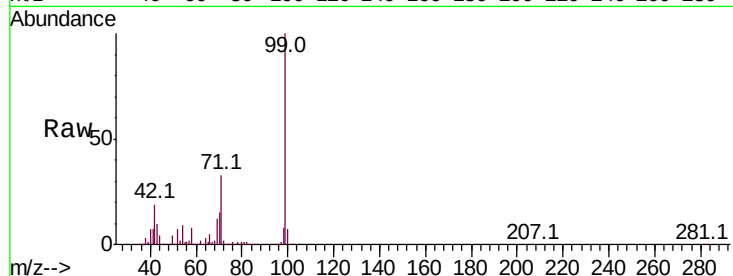
Tot Ion: 99 Resp: 2020357

Ion Ratio Lower Upper

99 100

42 19.1 16.9 25.3

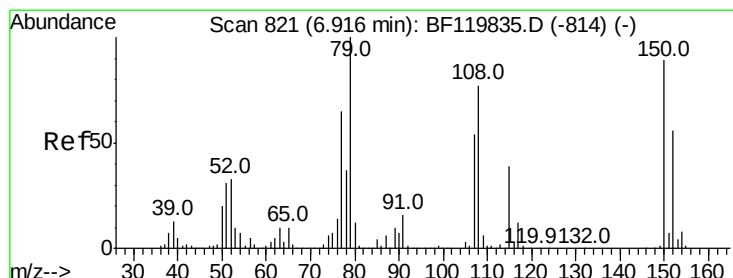
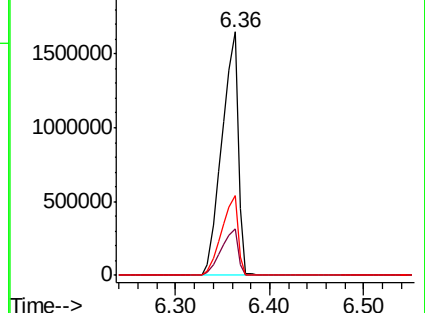
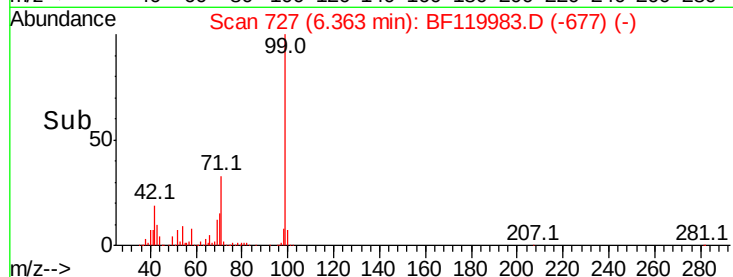
71 32.7 26.3 39.5



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: 2.093 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF119983.D

Acq: 15 Apr 2020 10:31

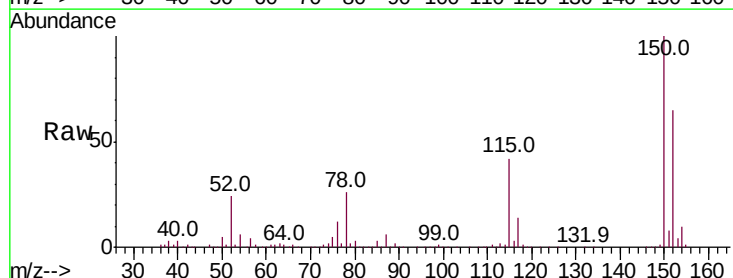
Tgt Ion: 79 Resp: 21990

Ion Ratio Lower Upper

79 100

108 23.8 62.0 93.0#

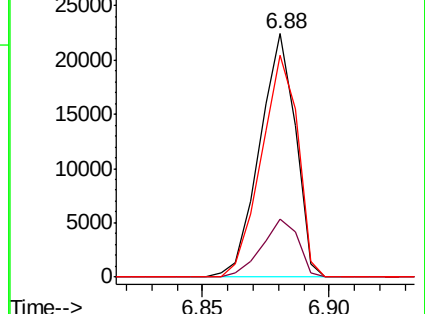
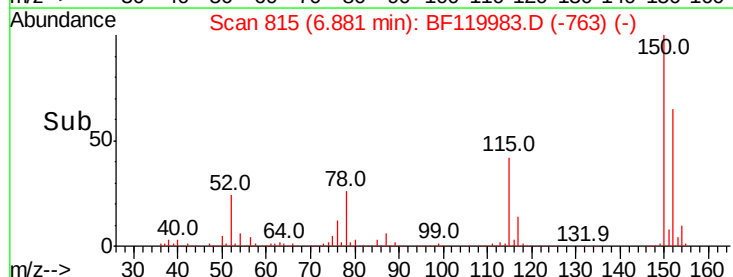
77 91.3 51.8 77.6#

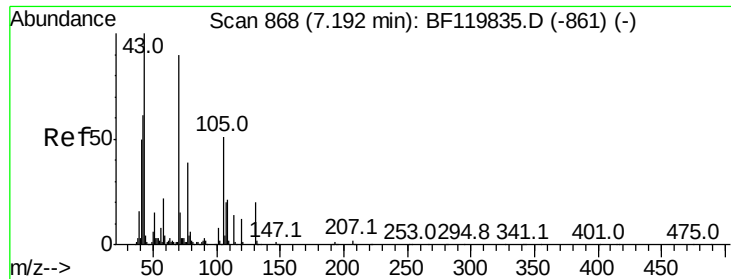


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

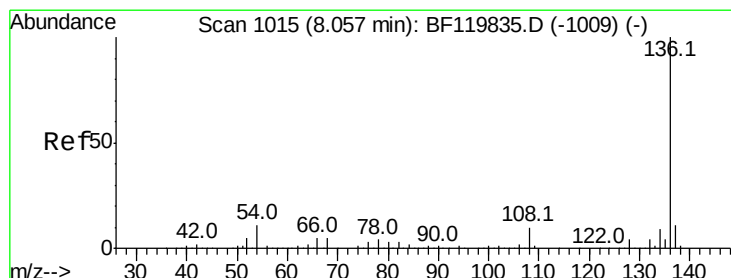
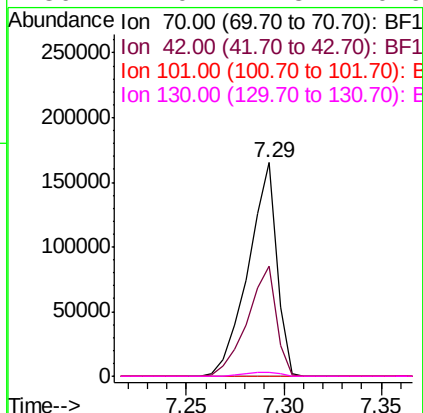
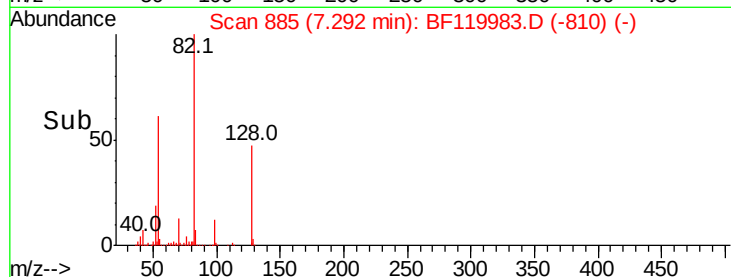
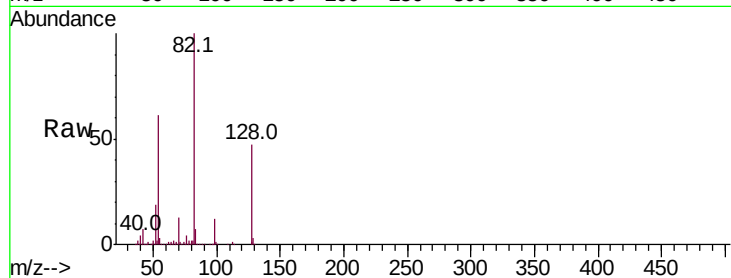




#19
 n-Nitroso-di-n-propylamine
 Concen: 19.345 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.14 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

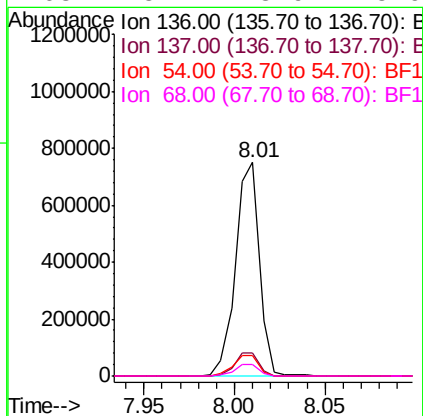
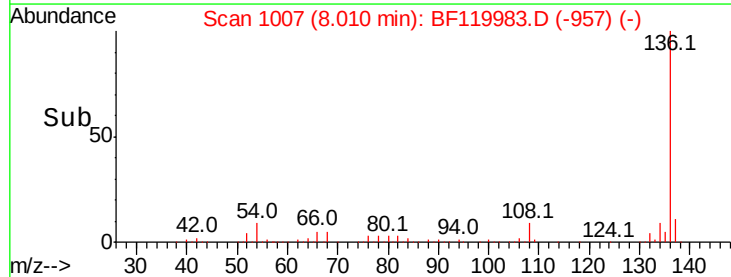
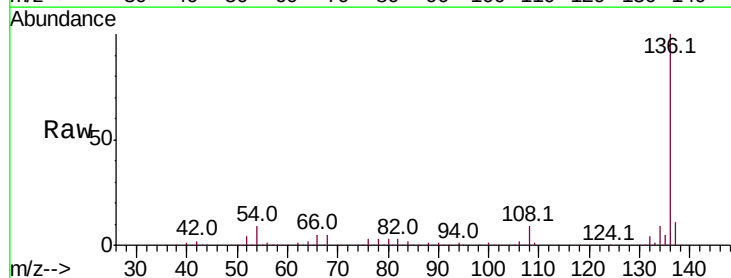
Instrument :
 BNA_F
 ClientSampleId :
 PB128214BL

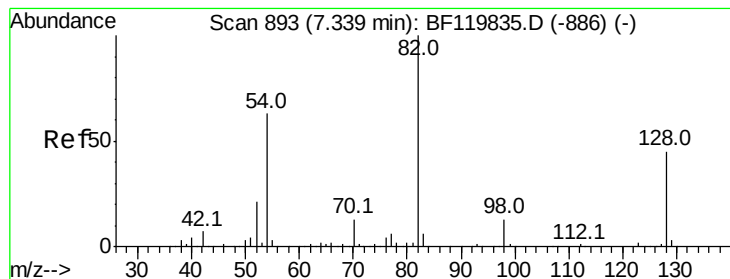
Tot Ion:	70	Resp:	168295
Ion	Ratio	Lower	Upper
70	100		
42	51.6	54.2	81.4#
101	0.0	7.4	11.2#
130	2.0	17.8	26.6#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Tgt Ion:	136	Resp:	691685
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.3	8.5	12.7
68	5.2	3.9	5.9





#23

Nitrobenzene-d5

Concen: 95.961 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF119983.D

Acq: 15 Apr 2020 10:31

Instrument :

BNA_F

ClientSampleId :

PB128214BL

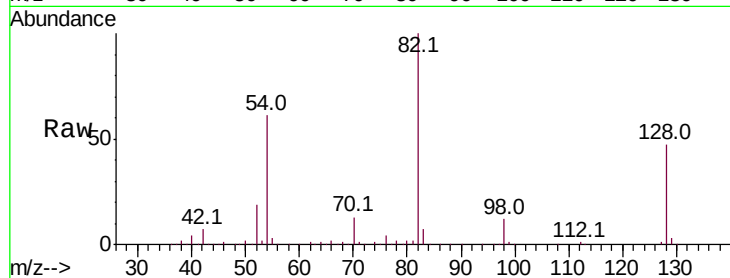
Tot Ion: 82 Resp: 1283006

Ion Ratio Lower Upper

82 100

128 46.6 36.2 54.4

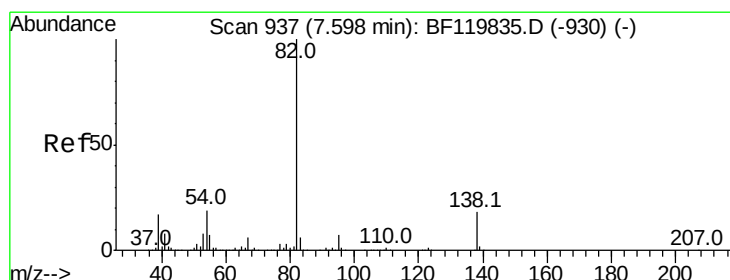
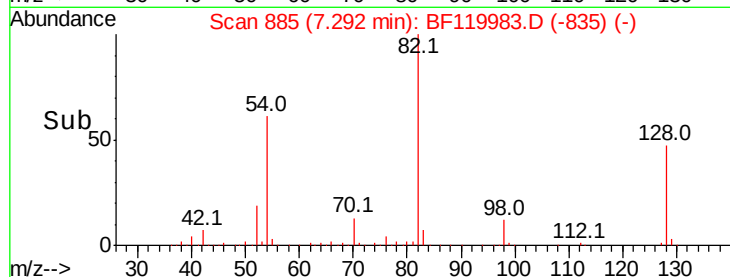
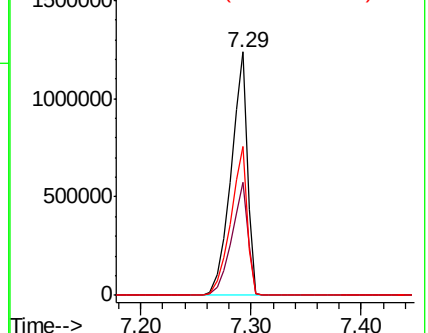
54 60.9 50.4 75.6



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: 49.566 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119983.D

Acq: 15 Apr 2020 10:31

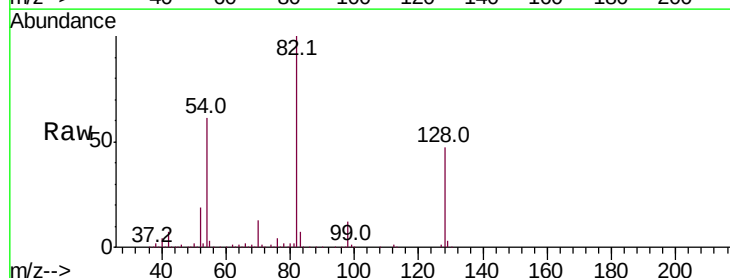
Tgt Ion: 82 Resp: 1277506

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

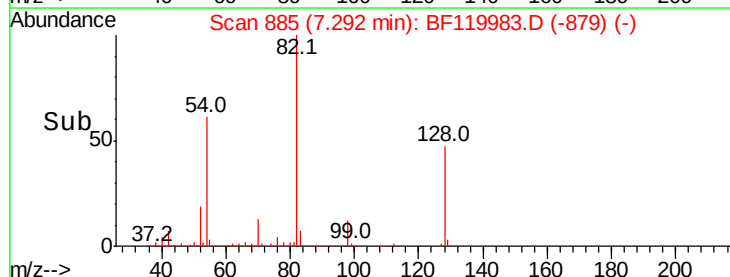
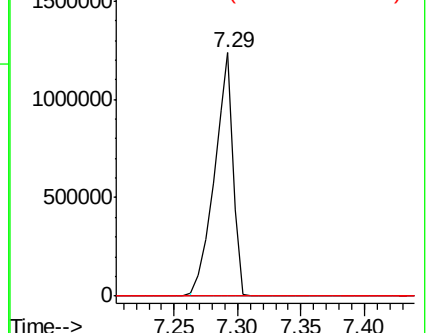
138 0.0 14.5 21.7#

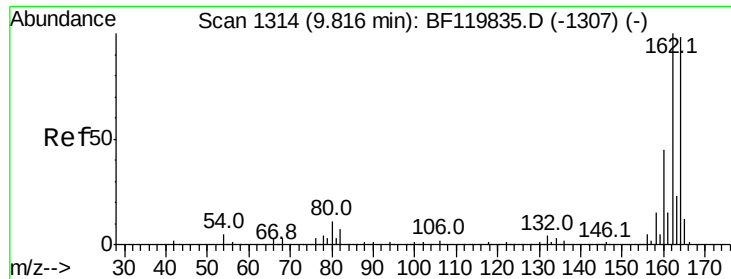


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

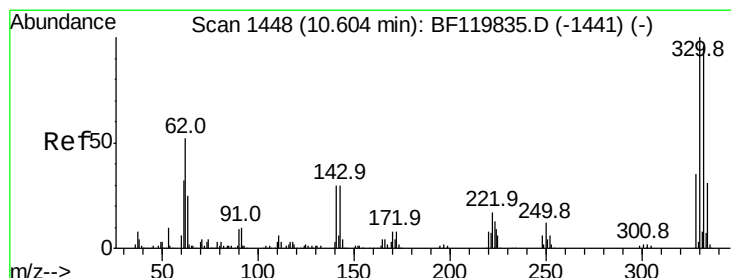
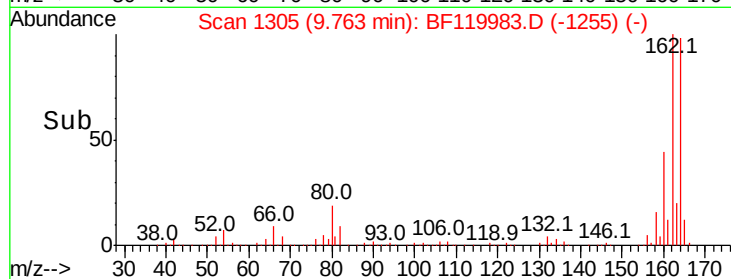
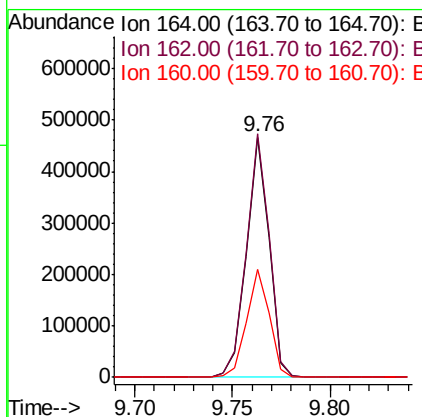
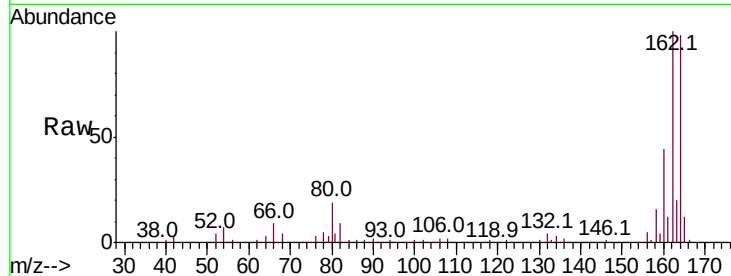




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

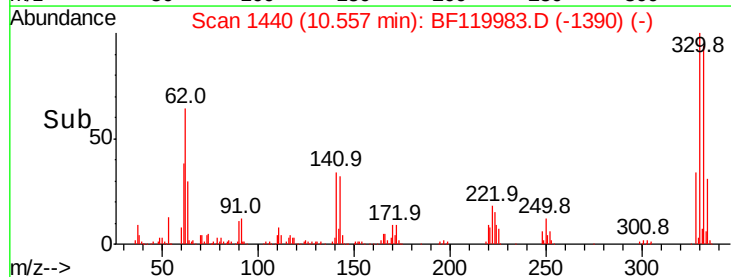
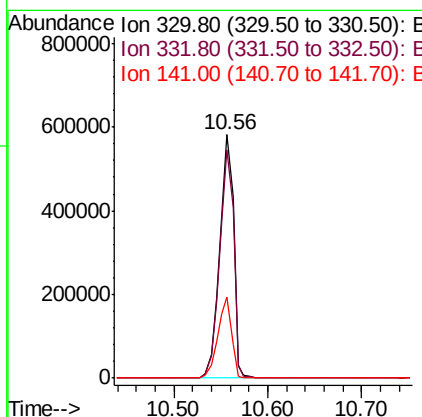
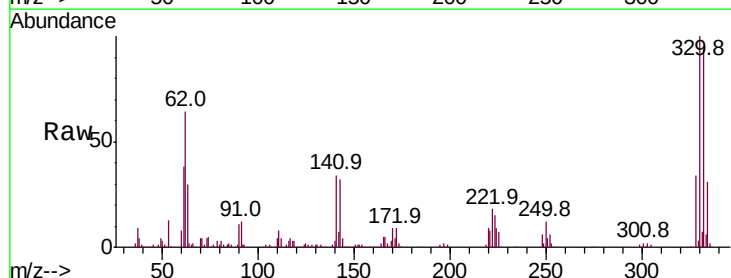
Instrument :
 BNA_F
 ClientSampleId :
 PB128214BL

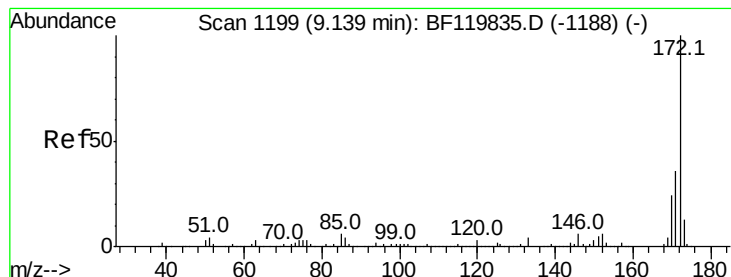
Tot Ion:164 Resp: 374990
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.9 122.9
 160 45.1 36.6 54.8



#42
 2,4,6-Tribromophenol
 Concen: 131.728 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Tgt Ion:330 Resp: 604784
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.8 115.2
 141 33.1 25.1 37.7





#45

2-Fluorobiphenyl

Concen: 92.534 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF119983.D

Acq: 15 Apr 2020 10:31

Instrument :

BNA_F

ClientSampleId :

PB128214BL

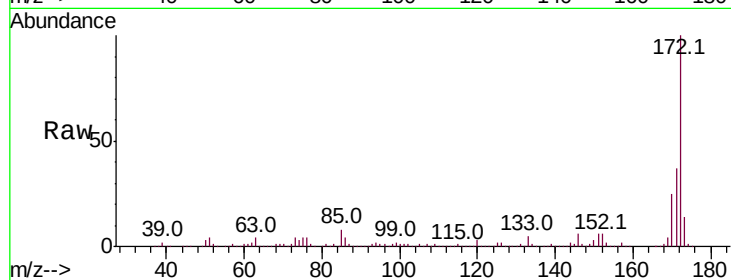
Tot Ion:172 Resp: 2443983

Ion Ratio Lower Upper

172 100

171 37.0 28.9 43.3

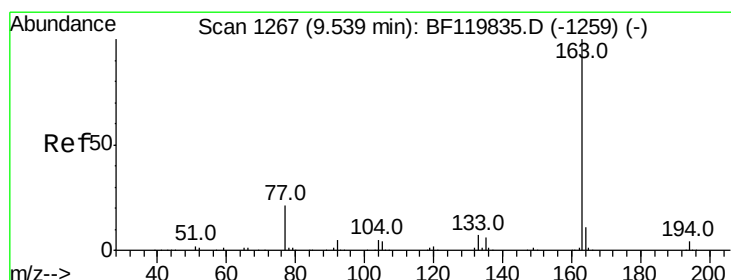
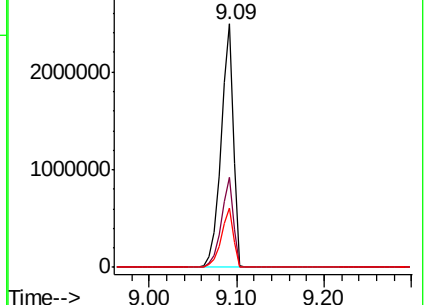
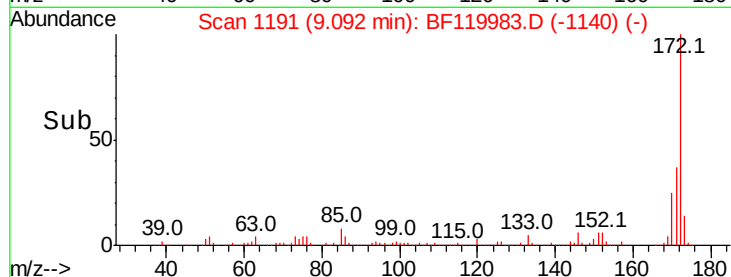
170 24.6 19.4 29.2



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: 2.904 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.26 min

Lab File: BF119983.D

Acq: 15 Apr 2020 10:31

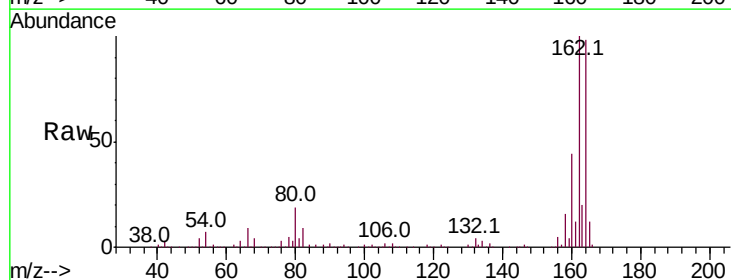
Tgt Ion:163 Resp: 84221

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

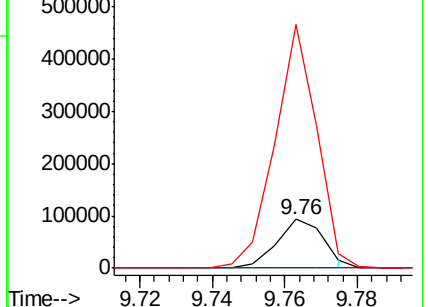
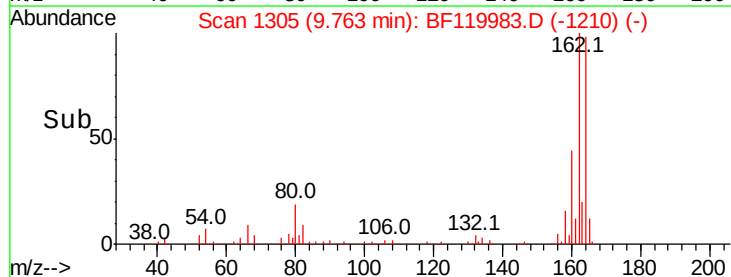
164 498.6 8.4 12.6#

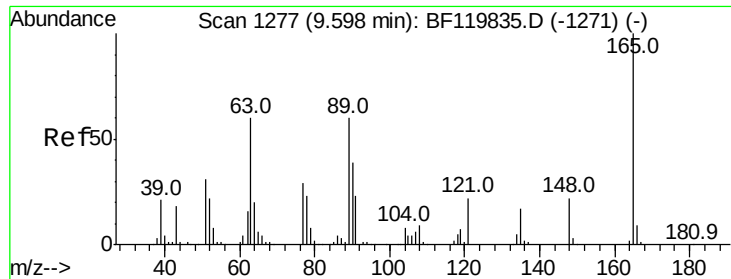


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

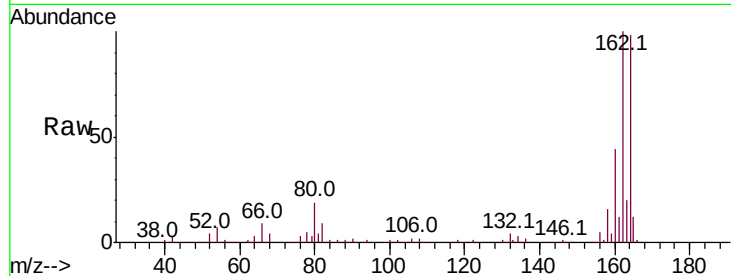




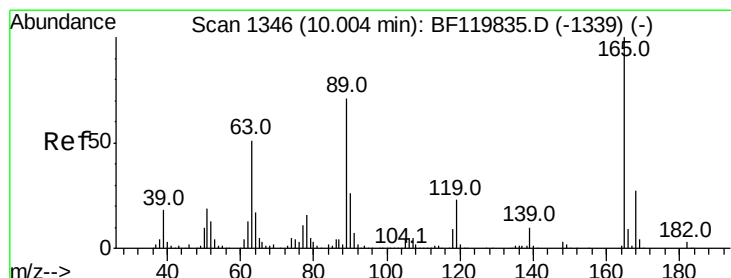
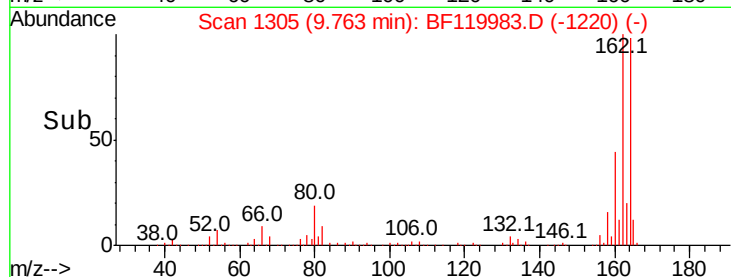
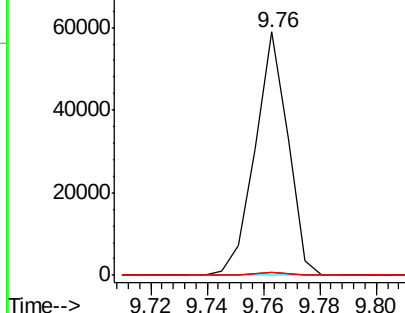
#51
 2,6-Dinitrotoluene
 Concen: 7.460 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BL

Tot Ion:165	Resp:	47382
Ion Ratio	Lower	Upper
165	100	
63	1.0	55.6 83.4#
89	1.3	47.9 71.9#

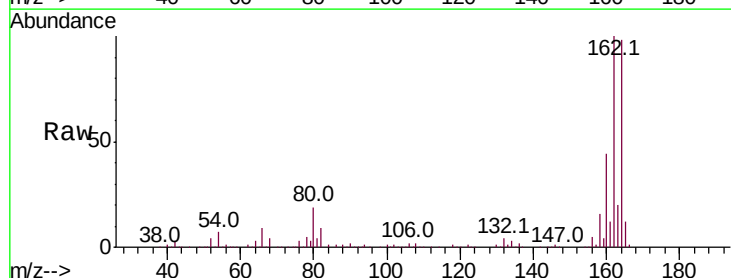


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

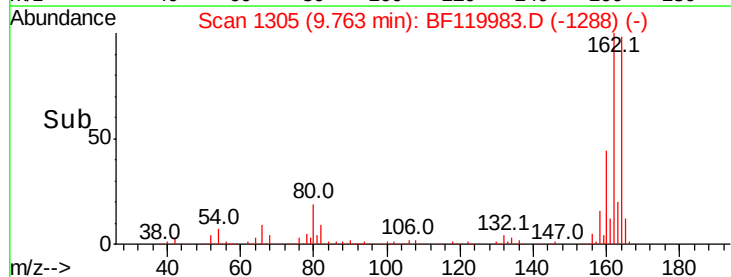
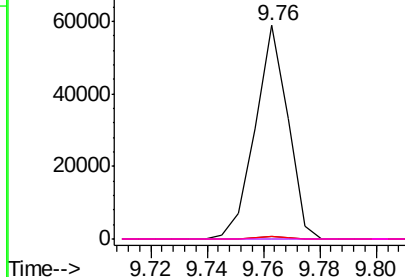


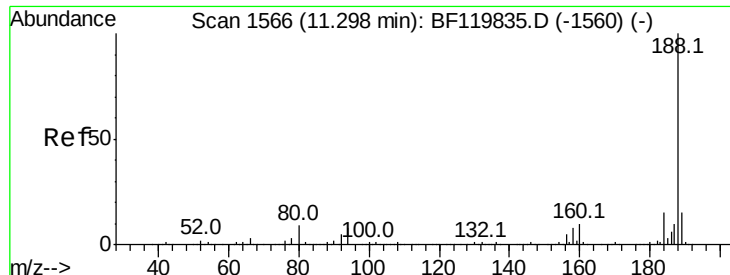
#57
 2,4-Dinitrotoluene
 Concen: 5.662 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.20 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Tgt Ion:165	Resp:	47382
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

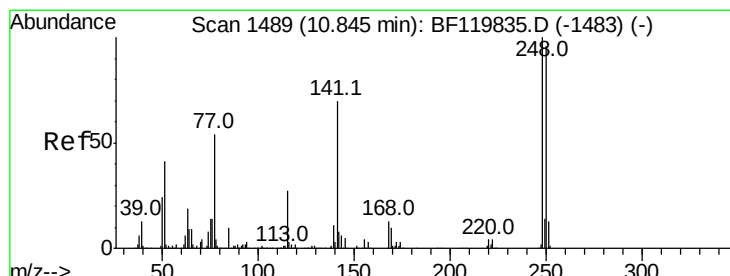
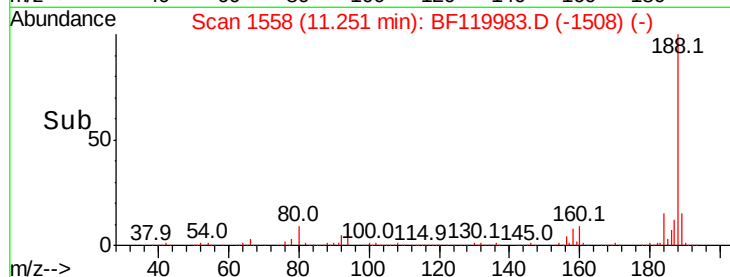
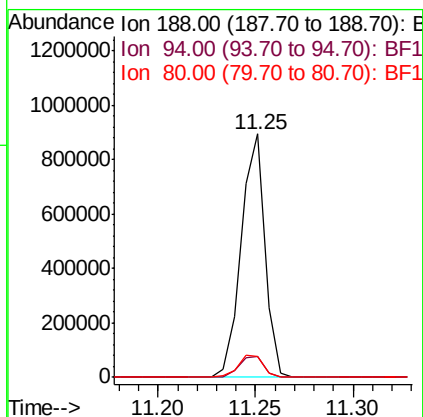
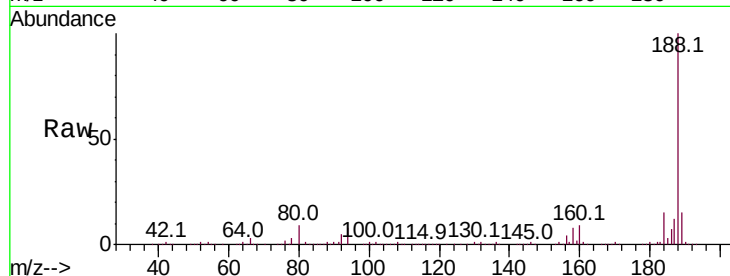




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119983.D
Acq: 15 Apr 2020 10:31

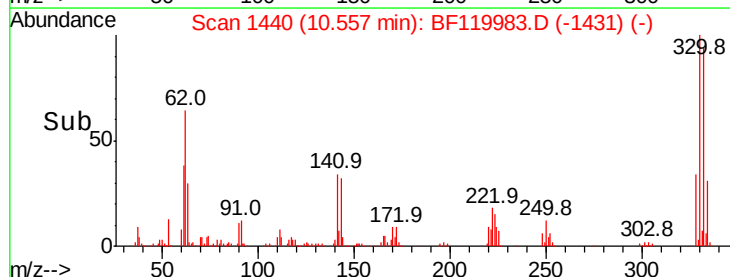
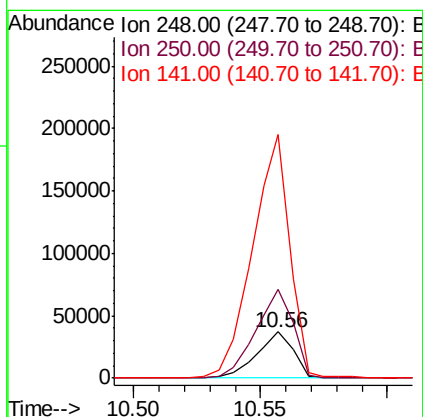
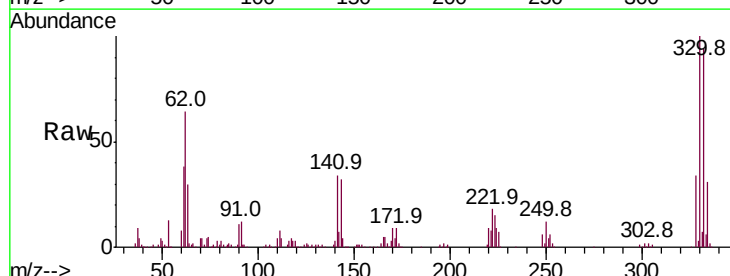
Instrument :
BNA_F
ClientSampleId :
PB128214BL

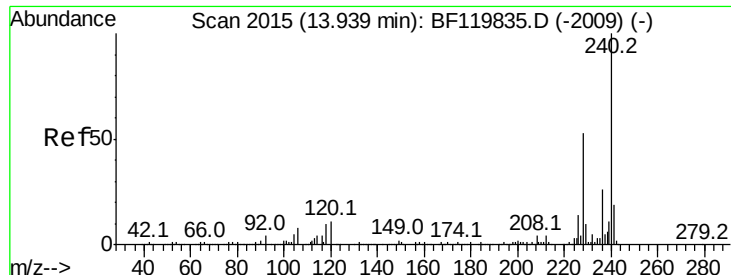
Tot Ion:188 Resp: 756033
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 8.6 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.922 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF119983.D
Acq: 15 Apr 2020 10:31

Tgt Ion:248 Resp: 36879
Ion Ratio Lower Upper
248 100
250 192.6 76.6 114.8#
141 529.5 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF119983.D

Acq: 15 Apr 2020 10:31

Instrument :

BNA_F

ClientSampleId :

PB128214BL

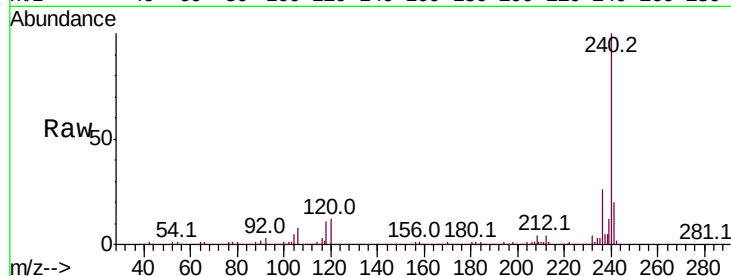
Tot Ion:240 Resp: 610319

Ion Ratio Lower Upper

240 100

120 12.4 9.0 13.6

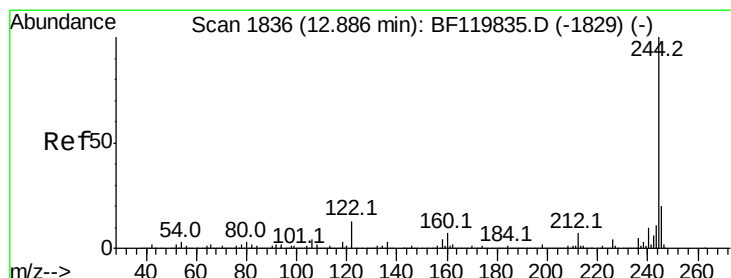
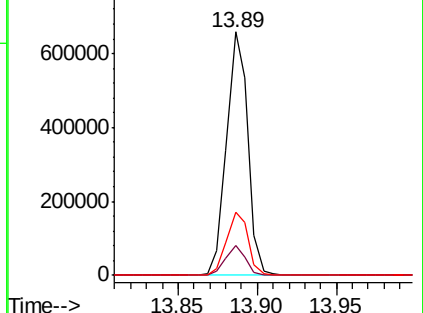
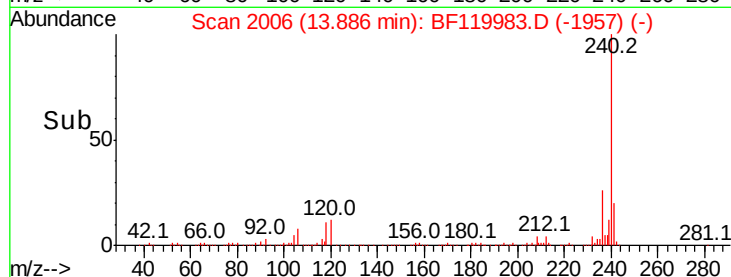
236 26.0 20.7 31.1



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: 79.724 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF119983.D

Acq: 15 Apr 2020 10:31

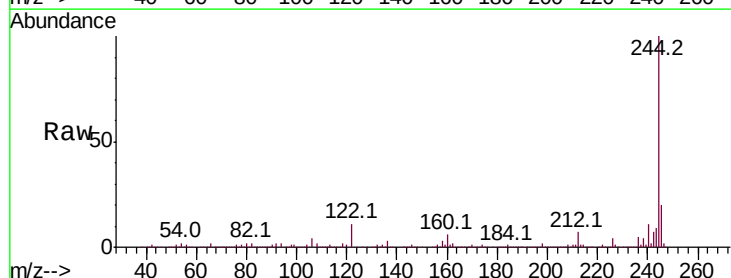
Tgt Ion:244 Resp: 2891702

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

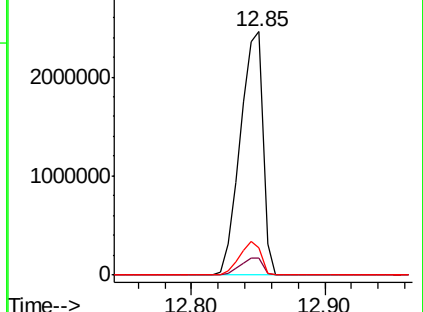
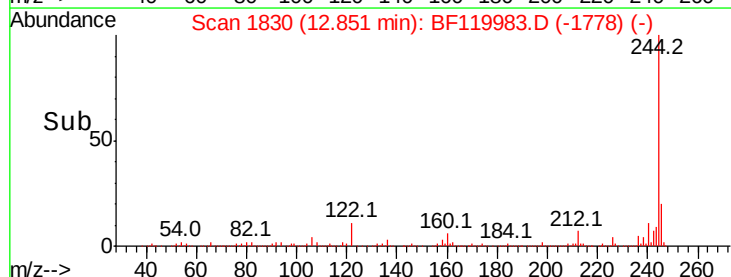
122 11.3 10.3 15.5

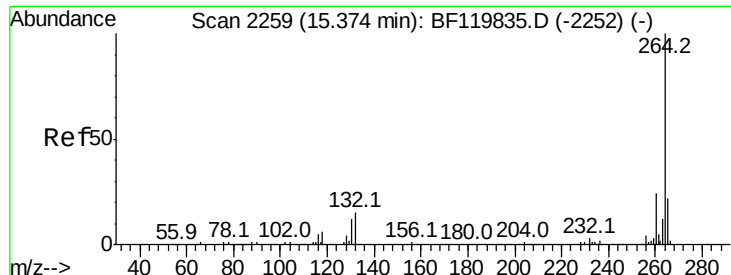


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

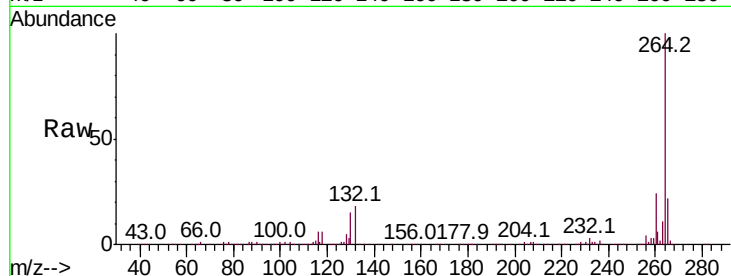




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	22.0	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

