

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120064.D
 Acq On : 17 Apr 2020 17:31
 Operator : MA/SJ
 Sample : L2271-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 01:33:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

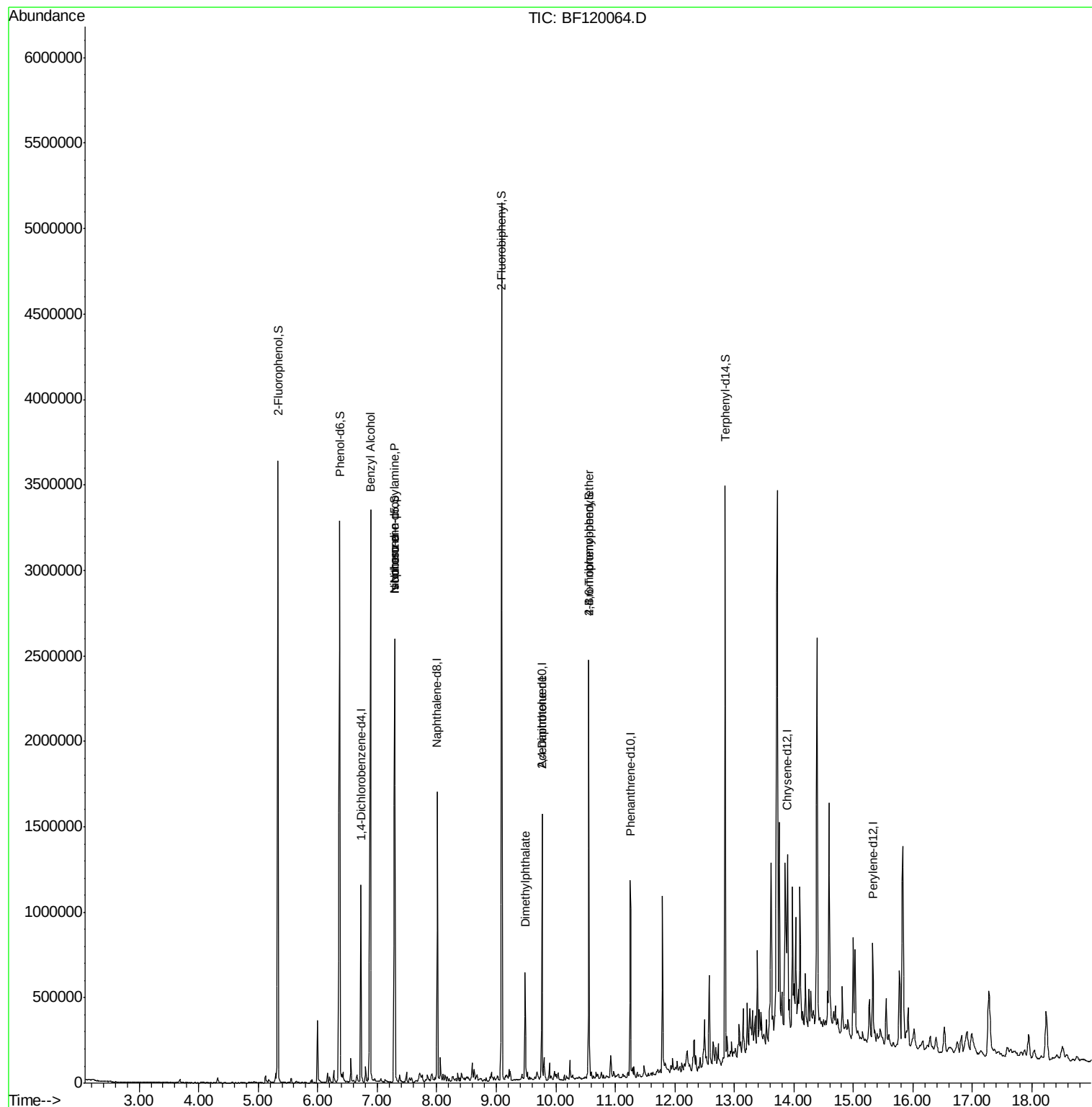
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	164723	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	624393	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	278546	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	421201	20.00	ng	0.00
76) Chrysene-d12	13.90	240	293397	20.00	ng	0.00
87) Perylene-d12	15.33	264	247341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	962411	100.97	ng	0.00
7) Phenol-d6	6.37	99	1222868	99.57	ng	0.00
23) Nitrobenzene-d5	7.29	82	822859	68.18	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	255395	74.89	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1512956	77.12	ng	0.00
79) Terphenyl-d14	12.84	244	1116774	64.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	17797	Below Cal		95
15) Benzyl Alcohol	6.87	79	35736	3.746 ng	#	20
19) n-Nitroso-di-n-propylamine	7.29	70	110687	14.015 ng	#	73
25) Isophorone	7.29	82	812760	34.933 ng	#	65
50) Dimethylphthalate	9.49	163	219130	10.171 ng		98
57) 2,4-Dinitrotoluene	9.77	165	35560	5.721 ng	#	24
67) 4-Bromophenyl-phenylether	10.56	248	16473	3.145 ng	#	1

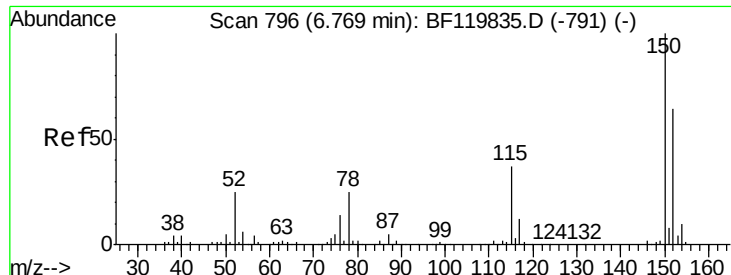
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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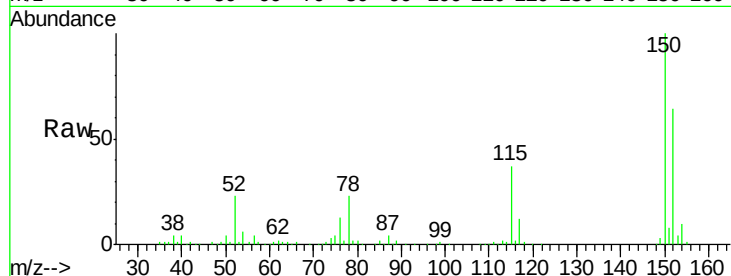


#1

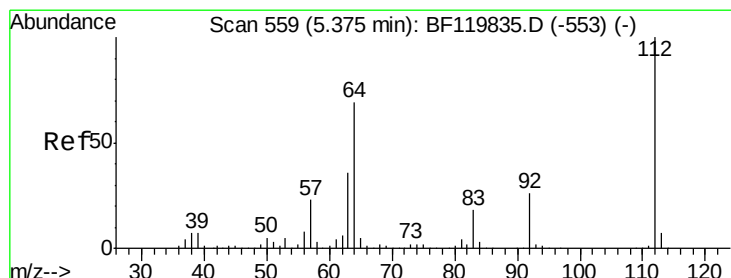
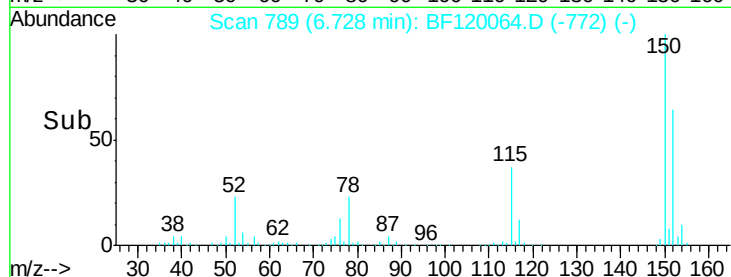
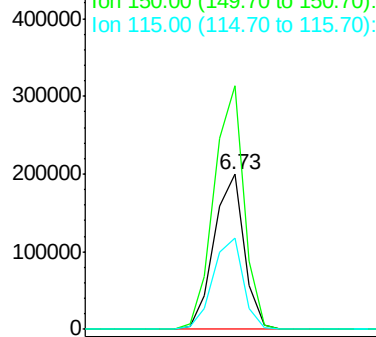
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120064.D
Acq: 17 Apr 2020 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164723
Ion Ratio Lower Upper
152 100
150 157.0 124.8 187.2
115 58.6 46.5 69.7



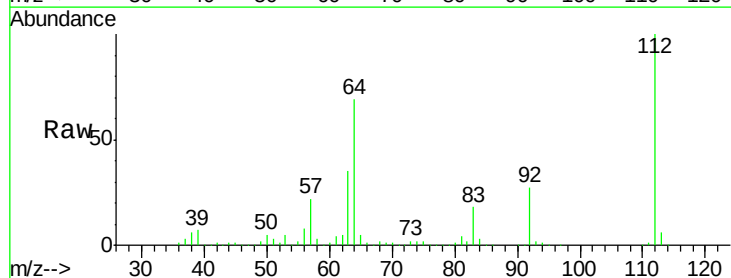
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



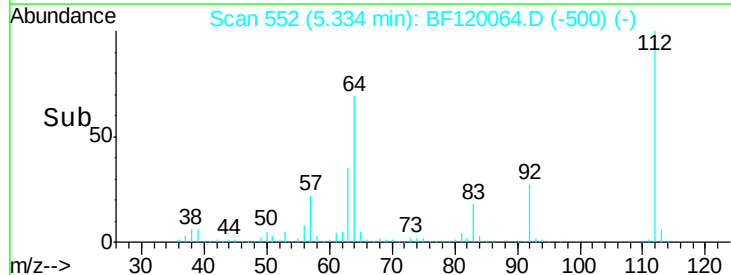
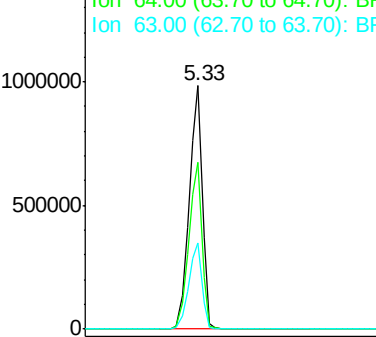
#5

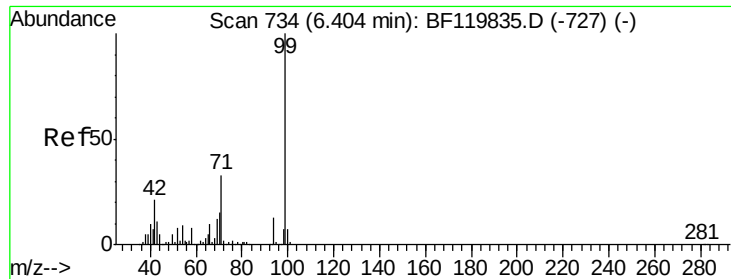
2-Fluorophenol
Concen: 100.971 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120064.D
Acq: 17 Apr 2020 17:31

Tgt Ion:112 Resp: 962411
Ion Ratio Lower Upper
112 100
64 68.7 55.5 83.3
63 35.4 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: 99.567 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF120064.D

Acq: 17 Apr 2020 17:31

Instrument :

BNA_F

ClientSampled :

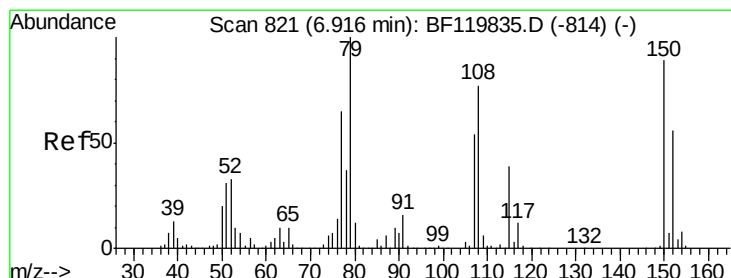
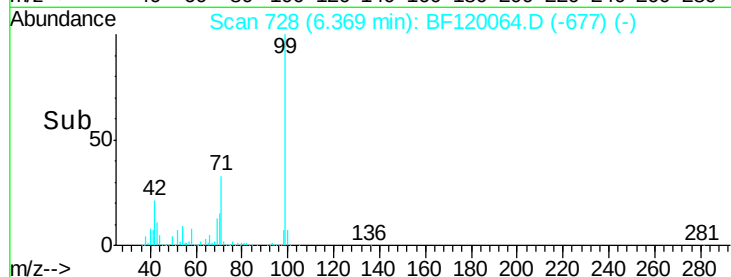
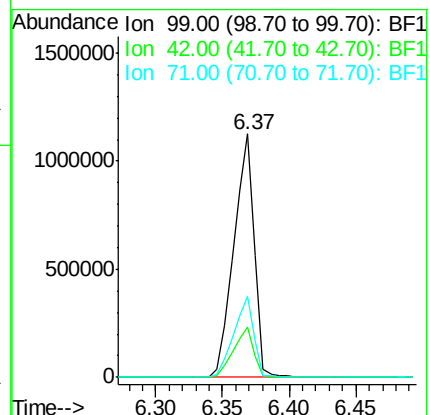
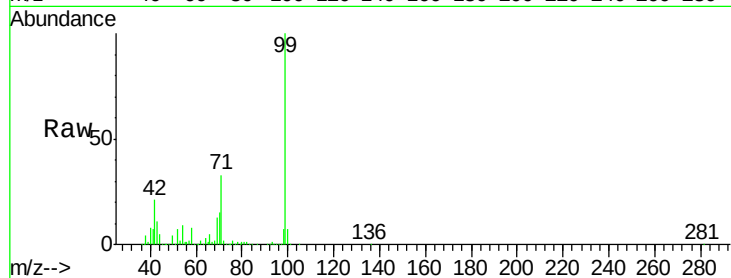
Tot Ion: 99 Resp: 1222868

Ion Ratio Lower Upper

99 100

42 20.6 16.9 25.3

71 33.2 26.3 39.5



#15

Benzyl Alcohol

Concen: 3.746 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF120064.D

Acq: 17 Apr 2020 17:31

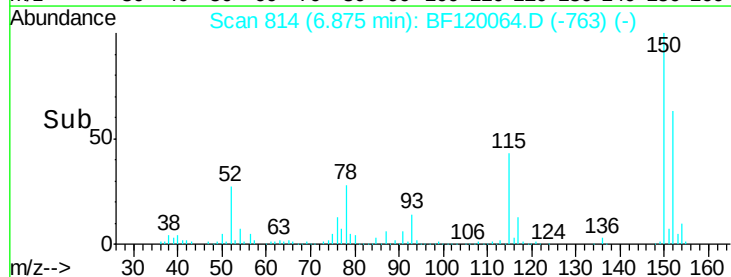
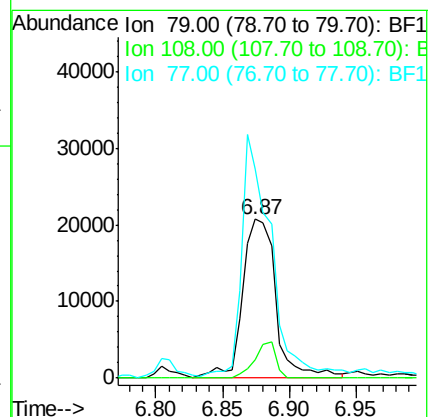
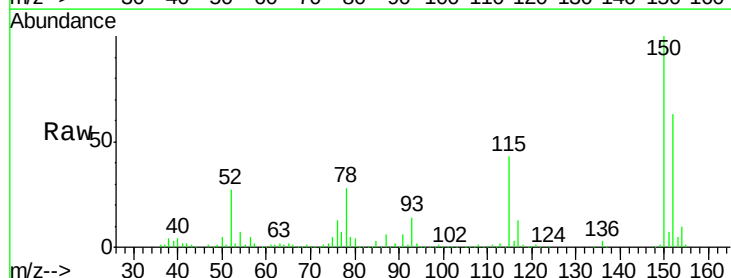
Tgt Ion: 79 Resp: 35736

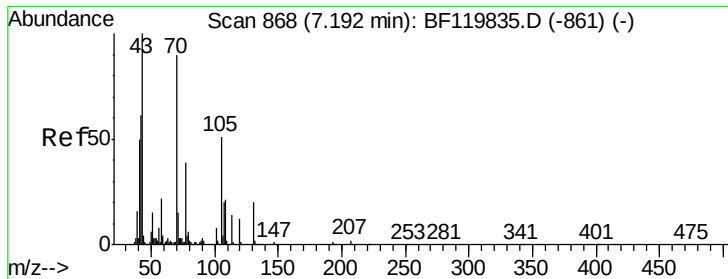
Ion Ratio Lower Upper

79 100

108 11.9 62.0 93.0#

77 131.9 51.8 77.6#

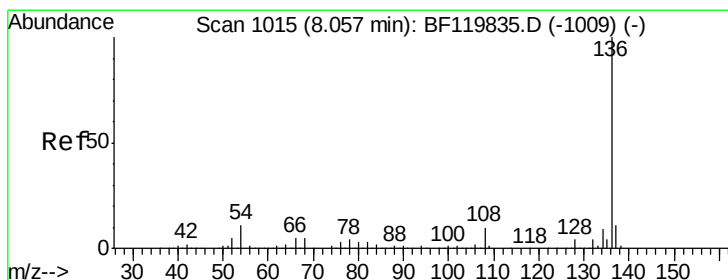
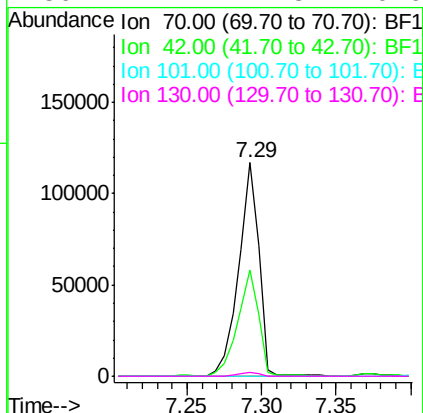
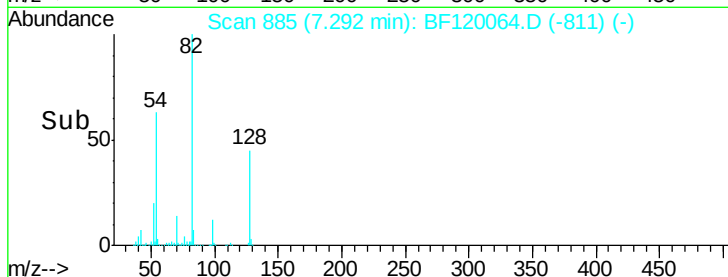
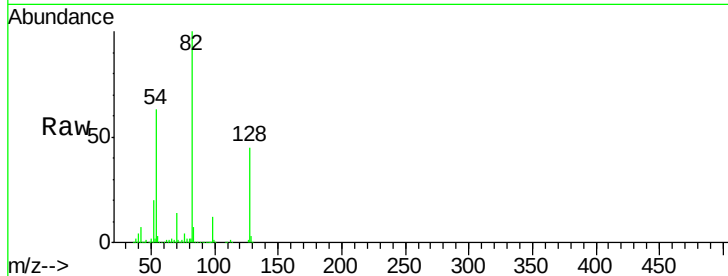




#19
n-Nitroso-di-n-propylamine
Concen: 14.015 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF120064.D
Acq: 17 Apr 2020 17:31

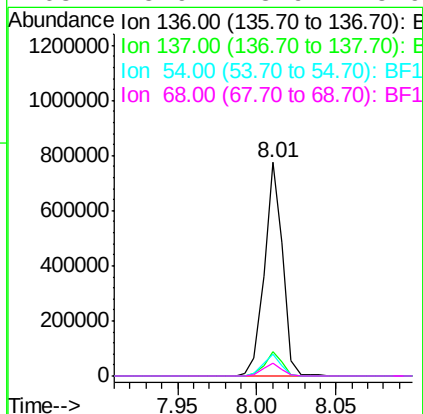
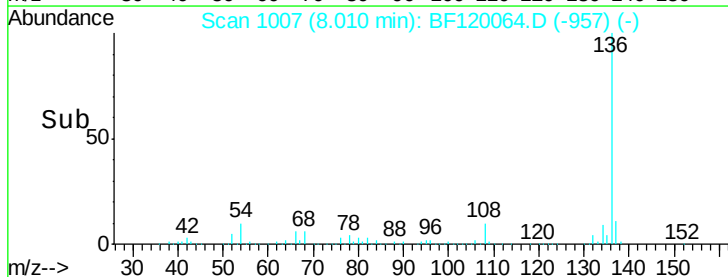
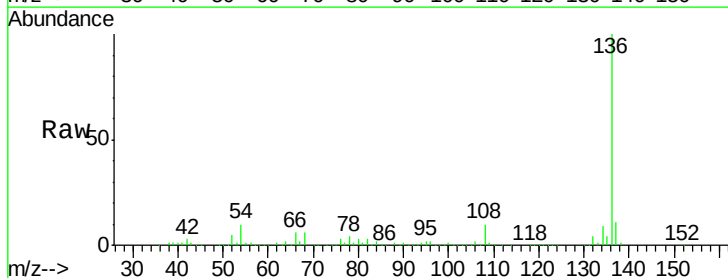
Instrument :
BNA_F
ClientSampleId :

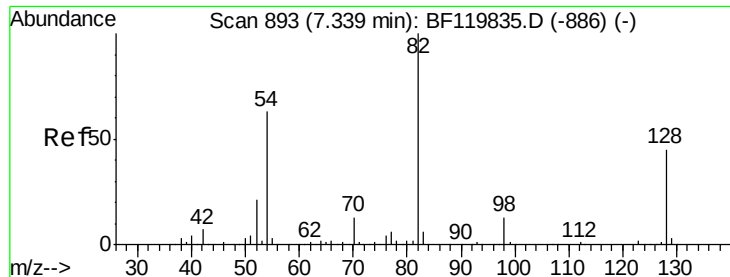
Tot Ion: 70 Resp: 110687
Ion Ratio Lower Upper
70 100
42 49.9 54.2 81.4#
101 0.0 7.4 11.2#
130 2.1 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120064.D
Acq: 17 Apr 2020 17:31

Tgt Ion: 136 Resp: 624393
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 10.5 8.5 12.7
68 5.9 3.9 5.9#

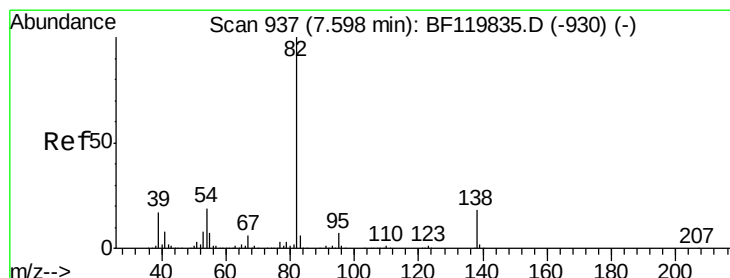
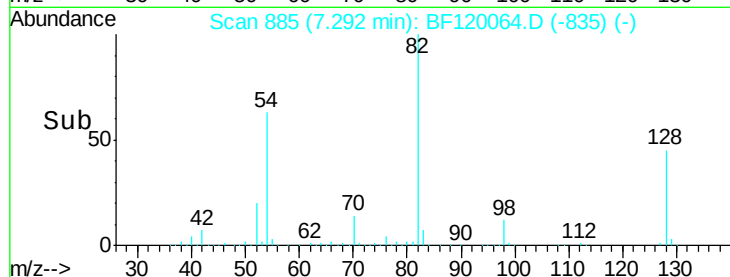
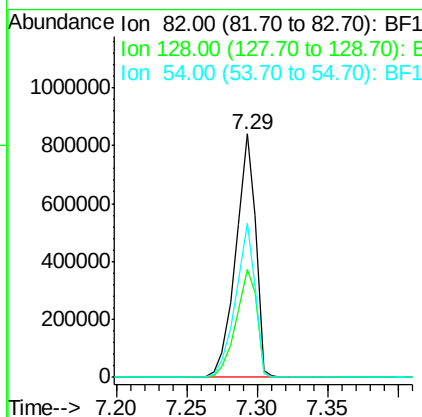
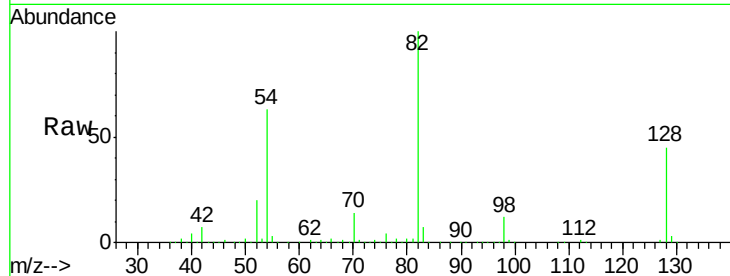




#23
 Nitrobenzene-d5
 Concen: 68.177 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF120064.D
 Acq: 17 Apr 2020 17:31

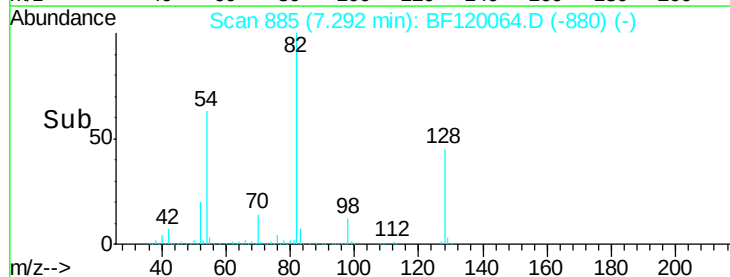
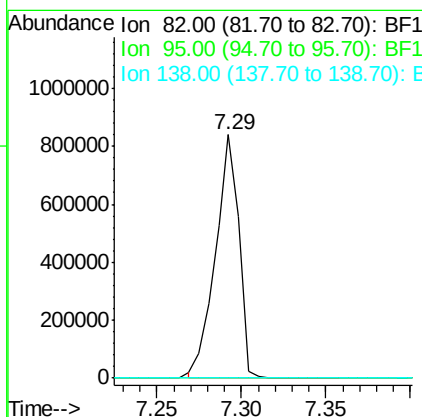
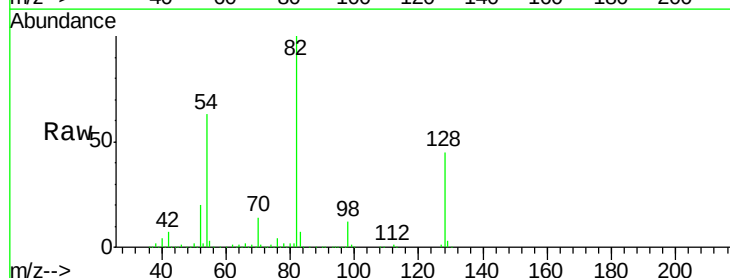
Instrument :
 BNA_F
 ClientSampleId :

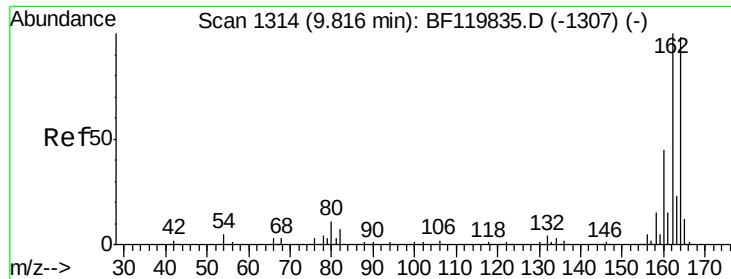
Tot Ion: 82 Resp: 822859
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.2 54.4
 54 63.3 50.4 75.6



#25
 Isophorone
 Concen: 34.933 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.27 min
 Lab File: BF120064.D
 Acq: 17 Apr 2020 17:31

Tgt Ion: 82 Resp: 812760
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.8 8.6#
 138 0.0 14.5 21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF120064.D

Acq: 17 Apr 2020 17:31

Instrument :

BNA_F

ClientSampleId :

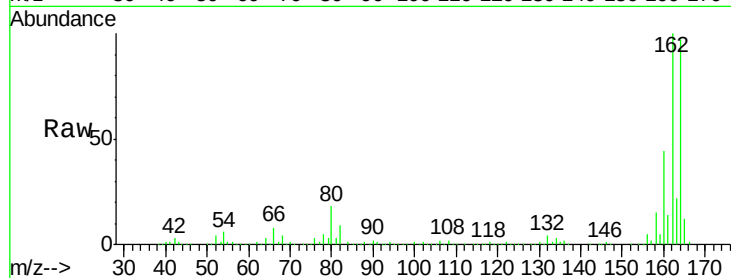
Tot Ion:164 Resp: 278546

Ion Ratio Lower Upper

164 100

162 102.7 81.9 122.9

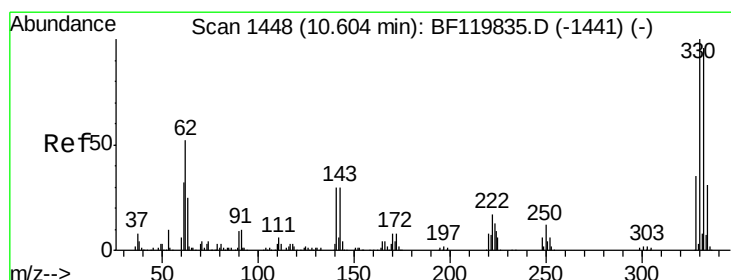
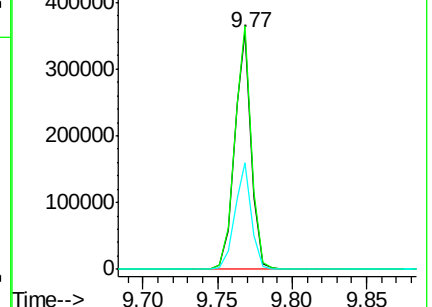
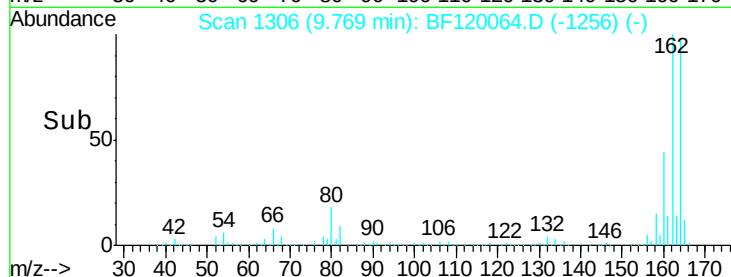
160 45.1 36.6 54.8



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: 74.888 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF120064.D

Acq: 17 Apr 2020 17:31

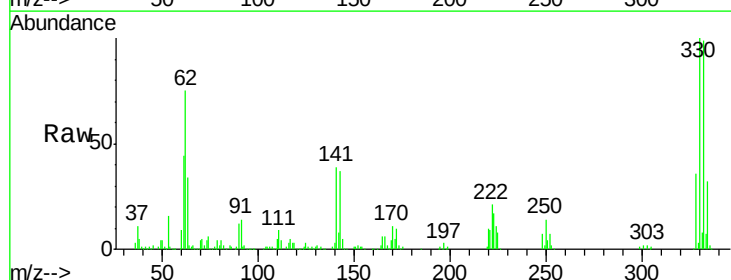
Tgt Ion:330 Resp: 255395

Ion Ratio Lower Upper

330 100

332 99.1 76.8 115.2

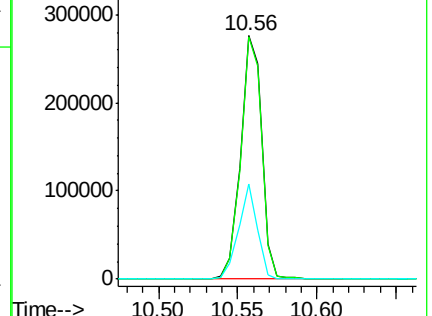
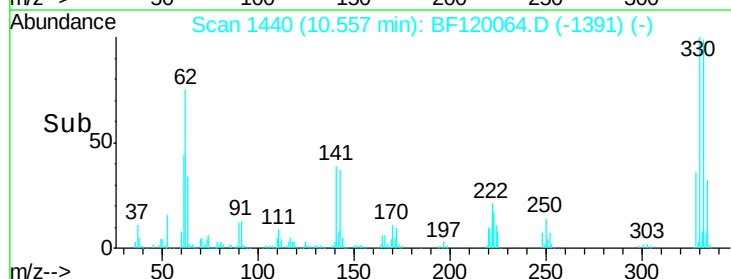
141 35.1 25.1 37.7

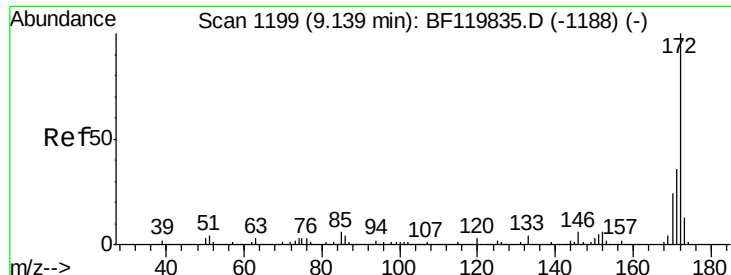


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

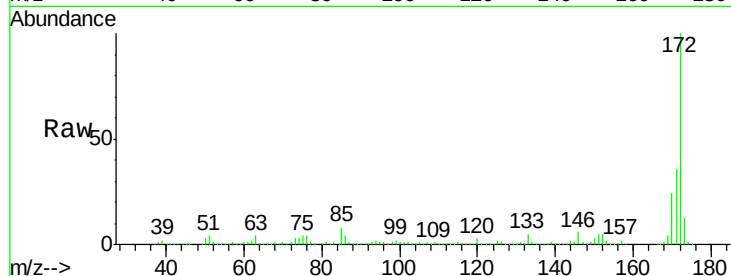




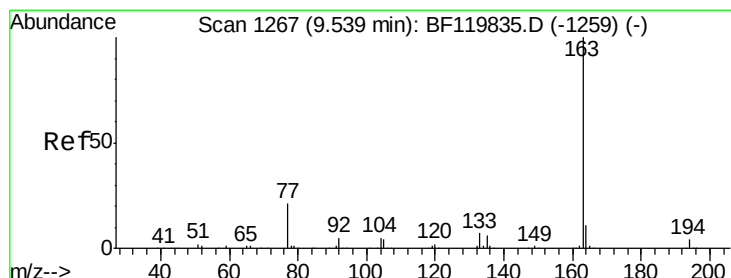
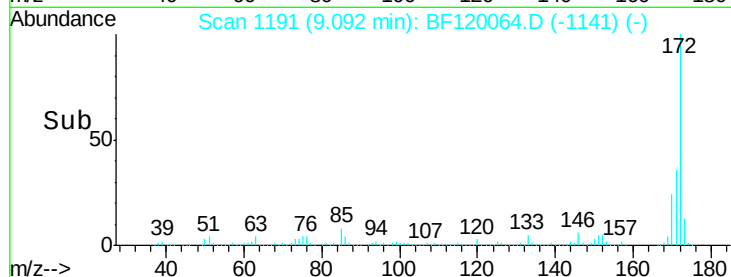
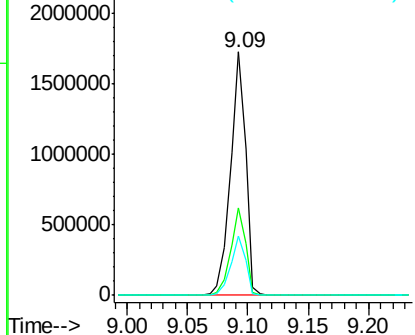
#45
2-Fluorobiphenyl
Concen: 77.117 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF120064.D
Acq: 17 Apr 2020 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1512956
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.4 19.4 29.2

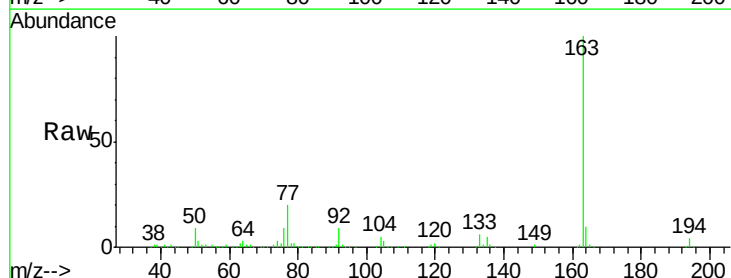


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

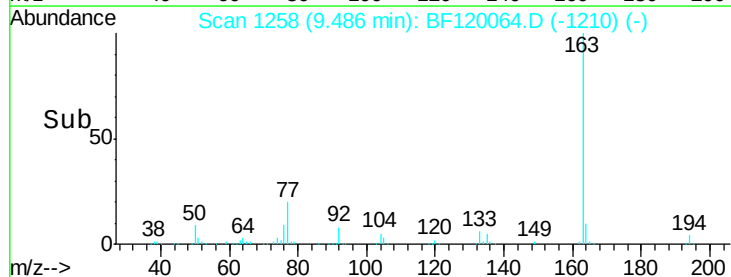
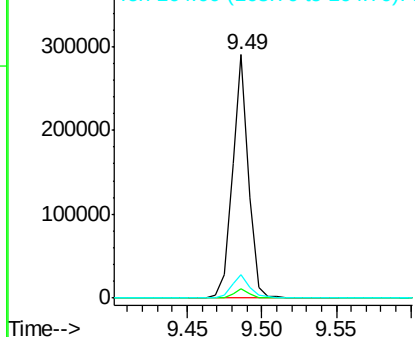


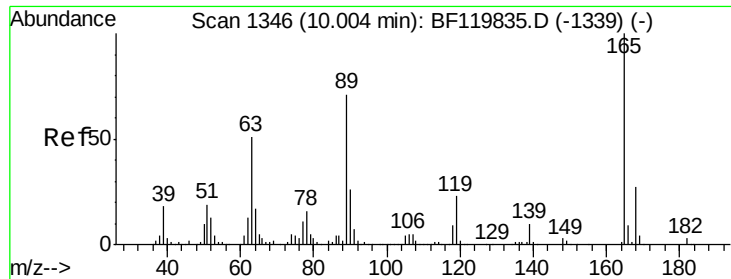
#50
Dimethylphthalate
Concen: 10.171 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF120064.D
Acq: 17 Apr 2020 17:31

Tgt Ion:163 Resp: 219130
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.7 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

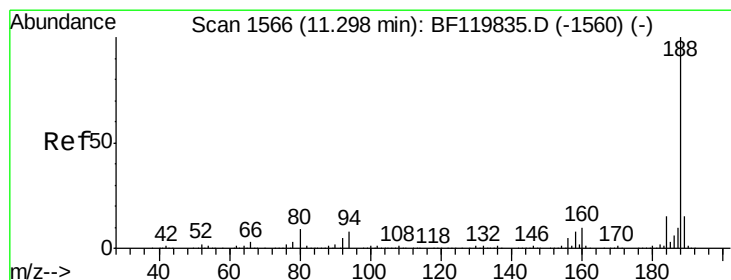
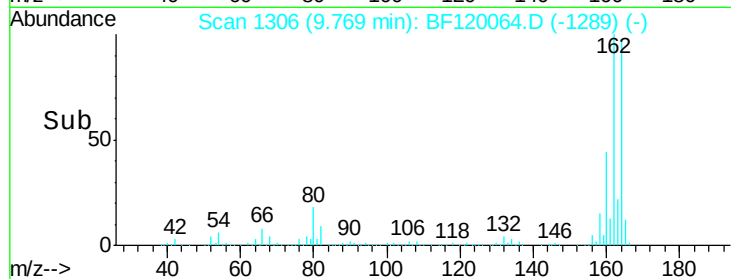
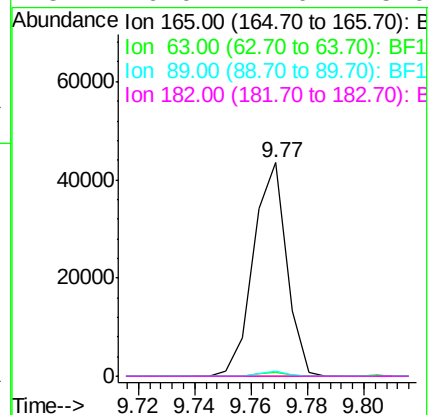
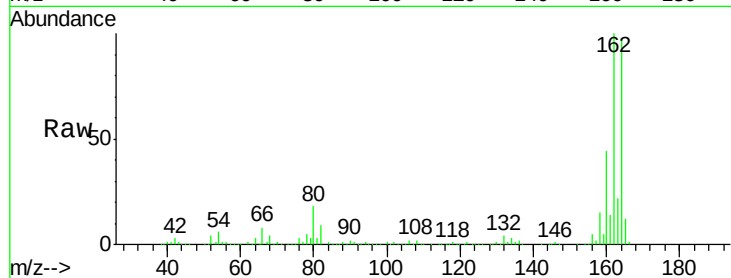




#57
 2,4-Dinitrotoluene
 Concen: 5.721 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.20 min
 Lab File: BF120064.D
 Acq: 17 Apr 2020 17:31

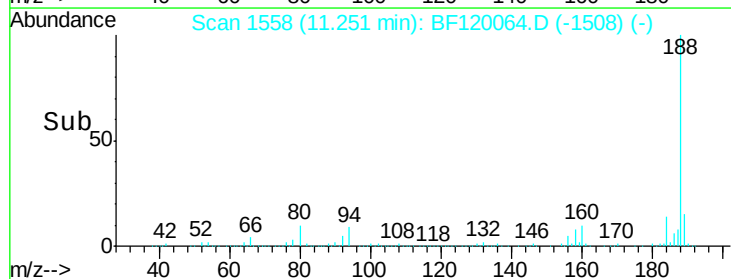
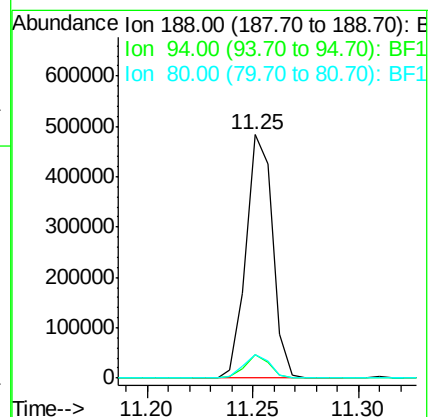
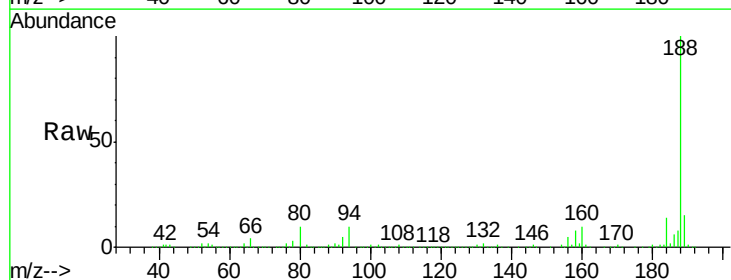
Instrument :
 BNA_F
 ClientSampleId :

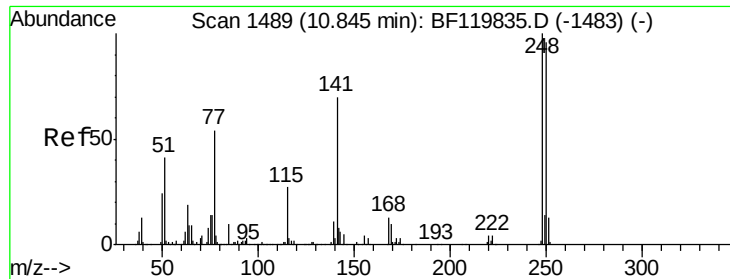
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.8	61.2#
89	2.3	56.9	85.3#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF120064.D
 Acq: 17 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.7	10.1
80	9.9	7.4	11.2

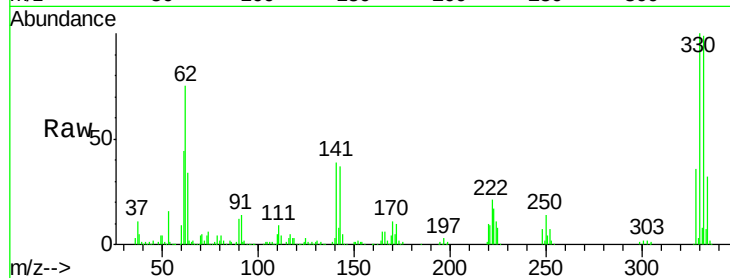




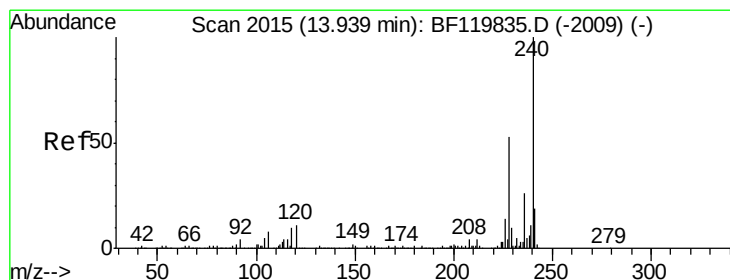
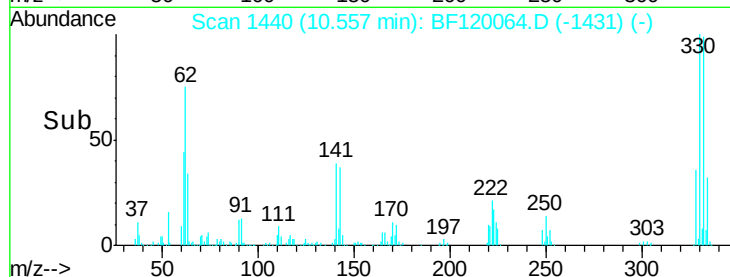
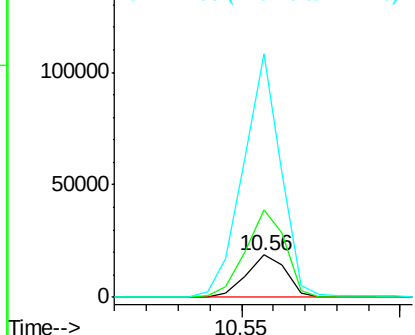
#67
4-Bromophenyl-phenylether
Concen: 3.145 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF120064.D
Acq: 17 Apr 2020 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16473
Ion Ratio Lower Upper
248 100
250 204.6 76.6 114.8#
141 571.6 55.9 83.9#

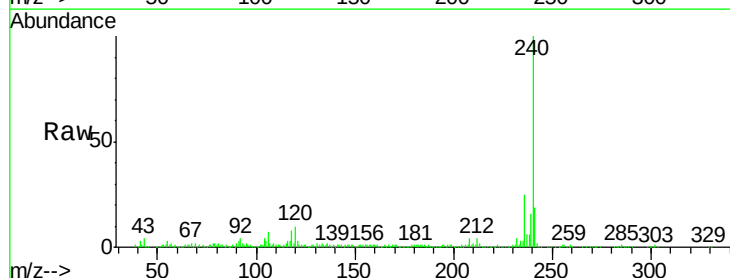


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

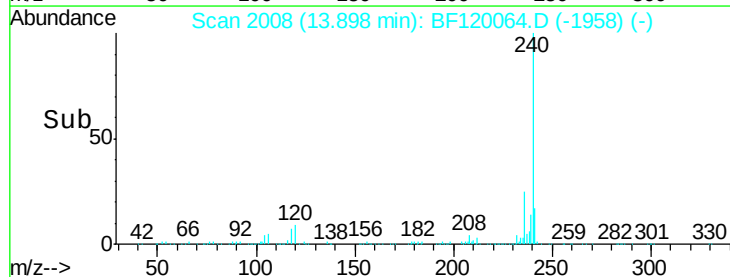
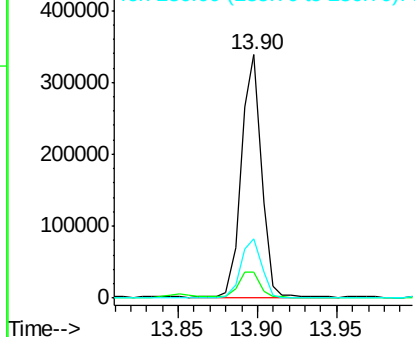


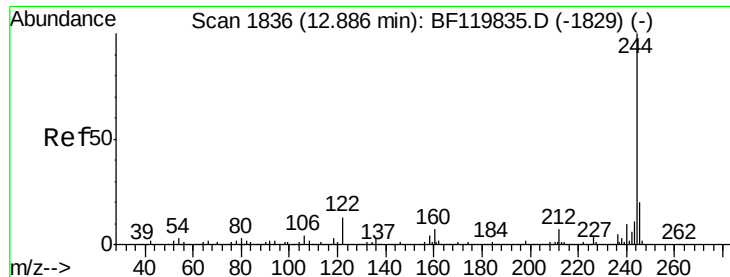
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF120064.D
Acq: 17 Apr 2020 17:31

Tgt Ion:240 Resp: 293397
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.6
236 24.6 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: 64.048 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF120064.D

Acq: 17 Apr 2020 17:31

Instrument :

BNA_F

ClientSampleId :

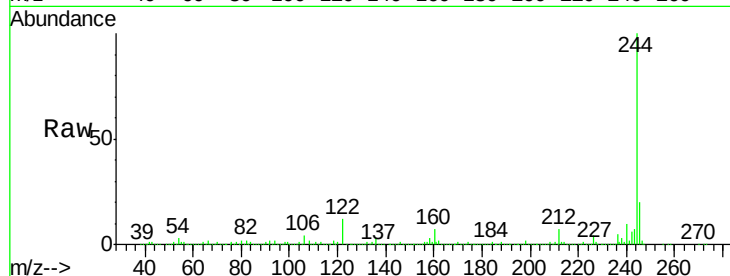
Tot Ion:244 Resp: 1116774

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

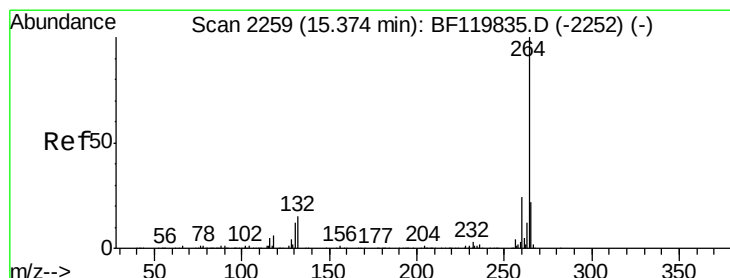
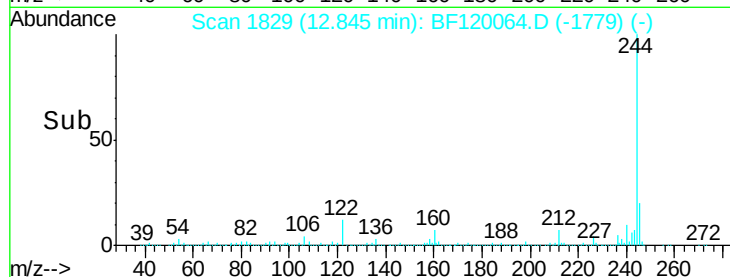
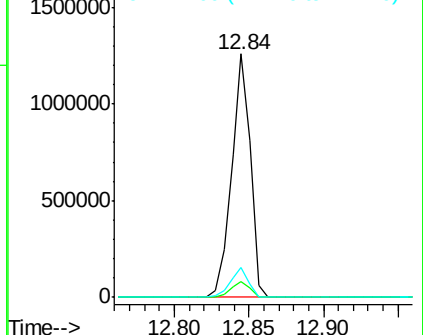
122 12.3 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BF120064.D

Acq: 17 Apr 2020 17:31

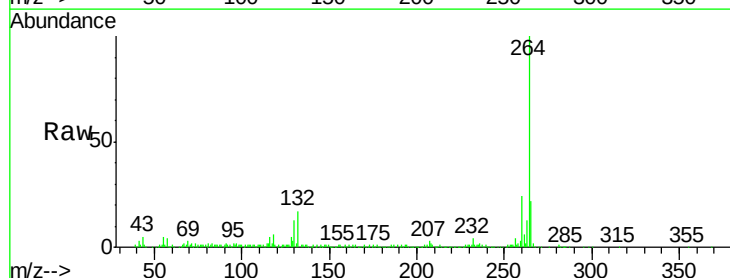
Tgt Ion:264 Resp: 247341

Ion Ratio Lower Upper

264 100

260 23.7 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

