

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118737.D
 Acq On : 29 Jan 2020 17:54
 Operator : CG/JU
 Sample : L1013-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:10:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

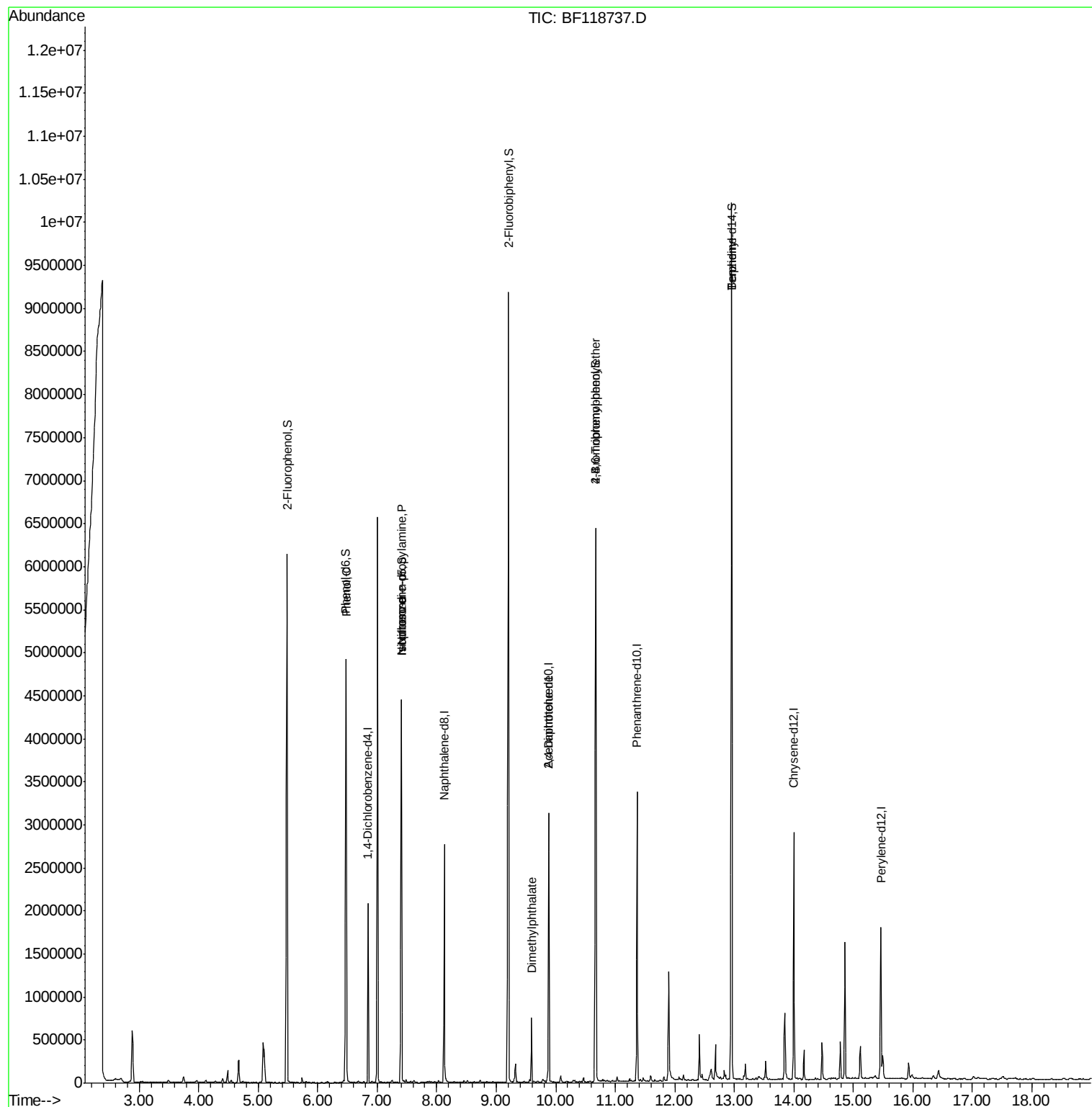
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	333982	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1268086	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	714847	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1337376	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	1002609	20.00	ng	-0.02
87) Perylene-d12	15.46	264	904070	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1932608	107.47	ng	0.00
7) Phenol-d6	6.47	99	2115010	90.49	ng	-0.02
23) Nitrobenzene-d5	7.41	82	1777299	78.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	1063358	128.61	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	3407136	78.34	ng	-0.02
79) Terphenyl-d14	12.96	244	4259073	92.65	ng	0.00
Target Compounds						
10) Phenol	6.49	94	63558	2.386	ng	94
19) n-Nitroso-di-n-propylamine	7.41	70	244837	15.514	ng	# 76
25) Isophorone	7.41	82	1773920	42.899	ng	# 63
50) Dimethylphthalate	9.59	163	297278	6.383	ng	100
57) 2,4-Dinitrotoluene	9.88	165	91829	6.985	ng	# 30
67) 4-Bromophenyl-phenylether	10.67	248	70150	4.246	ng	# 1
77) Benzidine	12.96	184	57094	2.131	ng	# 92

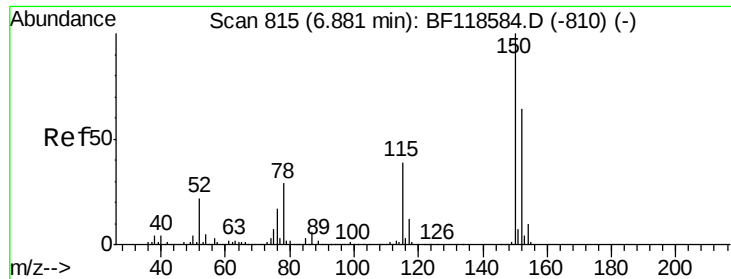
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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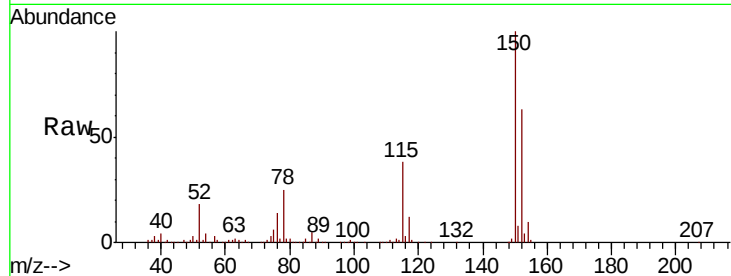


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF118737.D
Acq: 29 Jan 2020 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.7	185.5
115	61.1	45.1	67.7

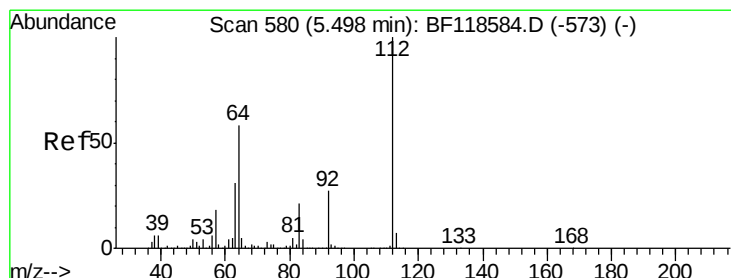
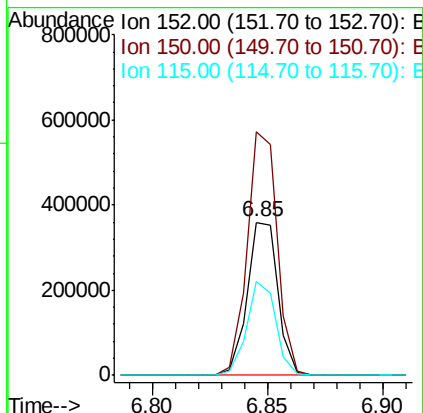
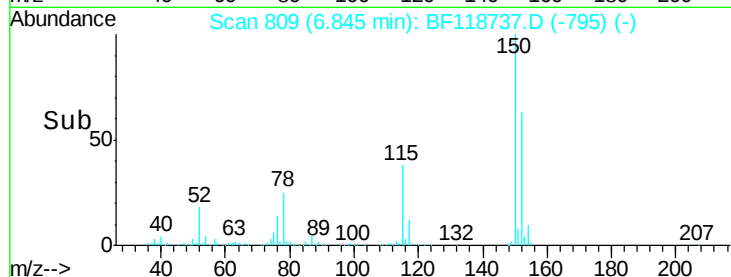


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

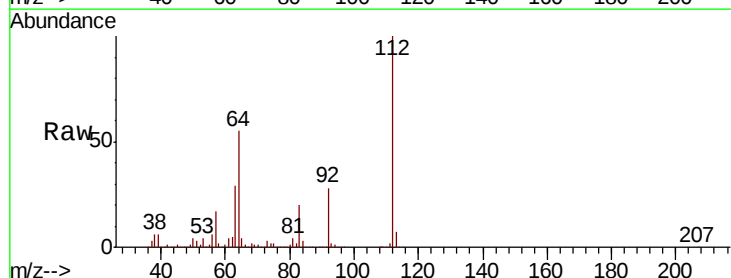
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.471 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118737.D
Acq: 29 Jan 2020 17:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	42.4	63.6
63	29.1	21.7	32.5

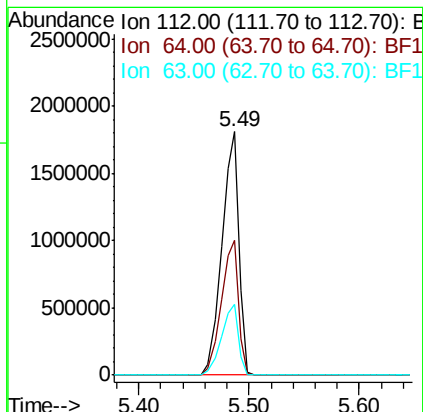
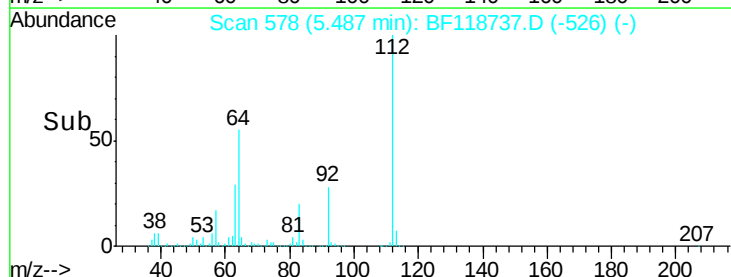


Abundance

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: 90.490 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118737.D

Acq: 29 Jan 2020 17:54

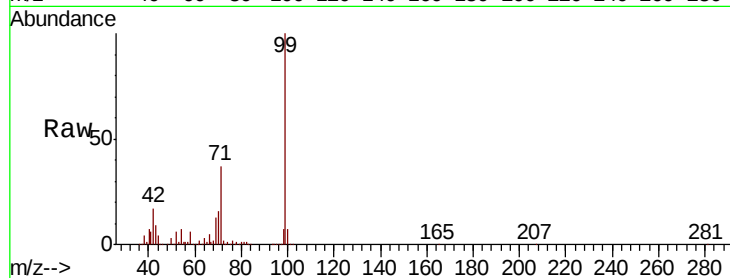
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2115010

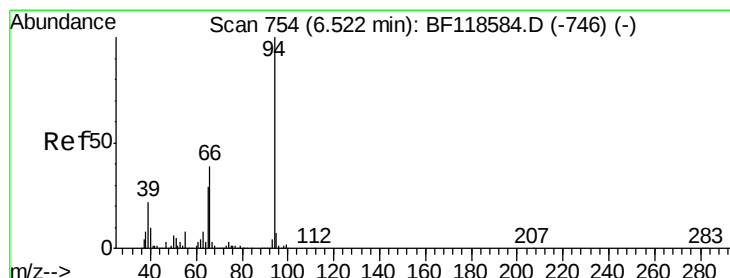
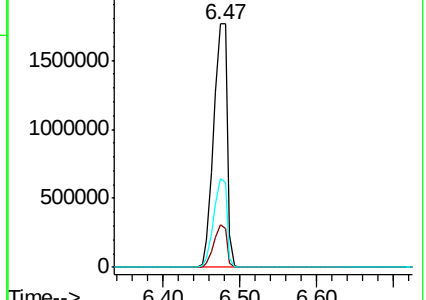
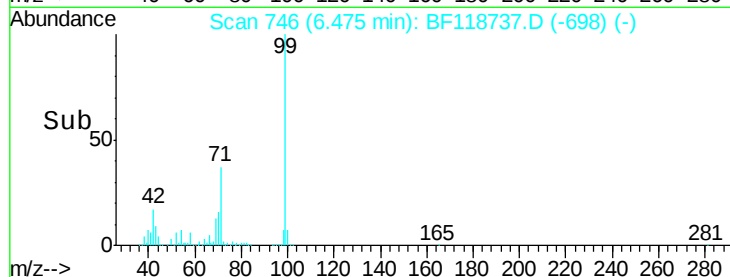
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.1	19.7
71	36.7	28.4	42.6



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



#10

Phenol

Concen: 2.386 ng

RT: 6.49 min Scan# 748

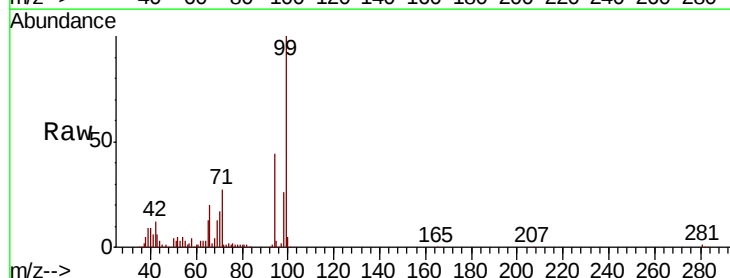
Delta R.T. -0.02 min

Lab File: BF118737.D

Acq: 29 Jan 2020 17:54

Tgt Ion: 94 Resp: 63558

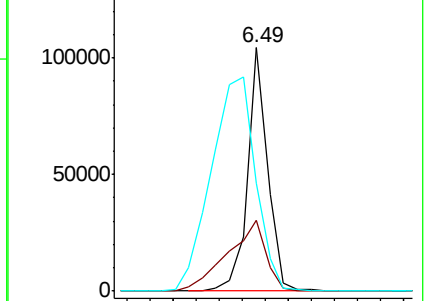
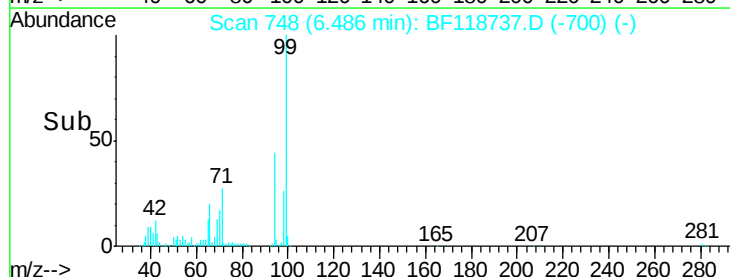
Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	44.5	19.1	59.1

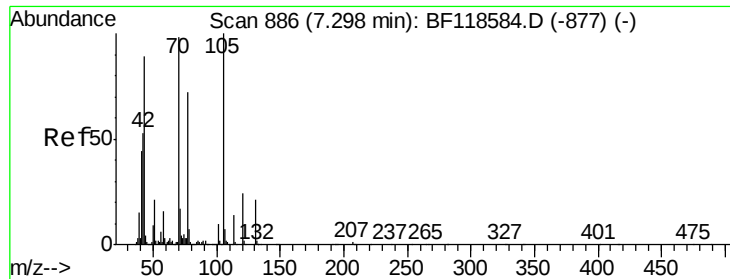


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.514 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF118737.D

Acq: 29 Jan 2020 17:54

Instrument :

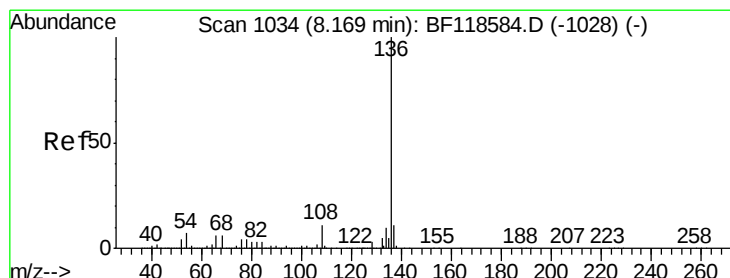
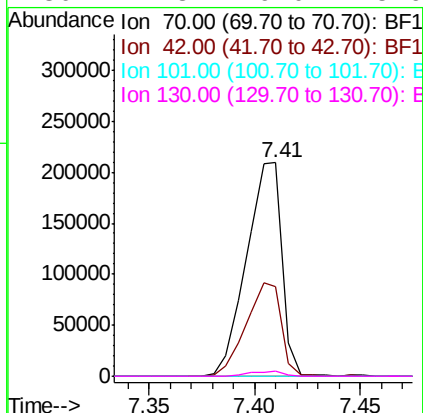
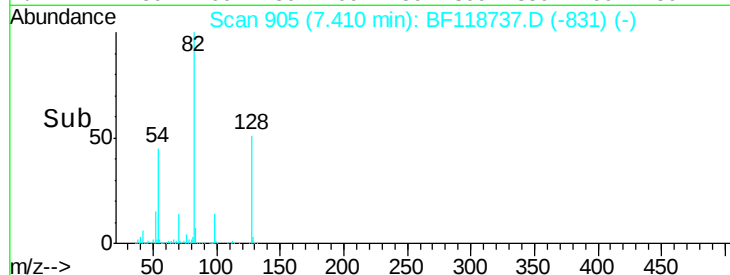
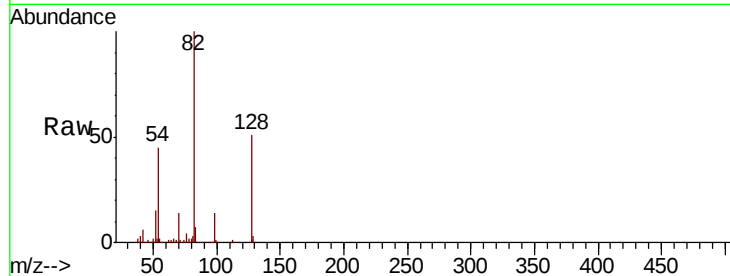
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 244837

Ion Ratio Lower Upper

70	100		
42	42.1	41.6	62.4
101	0.0	7.9	11.9#
130	2.3	19.0	28.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

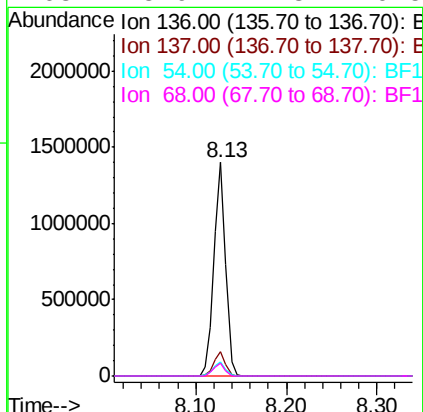
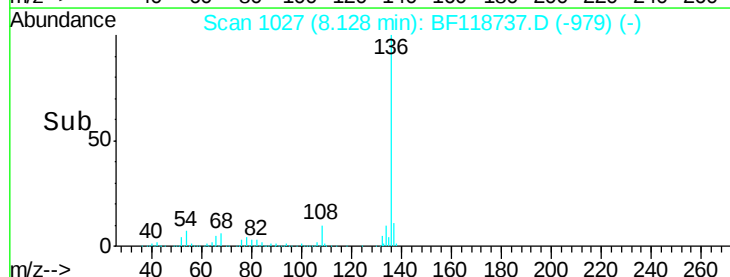
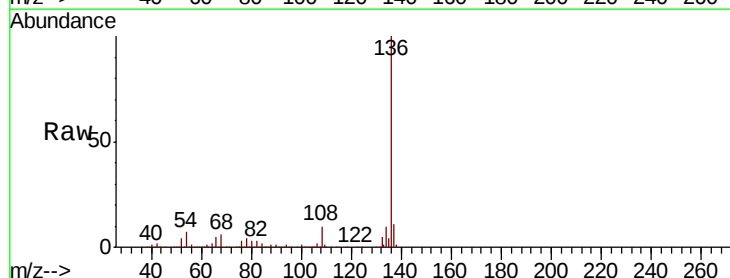
Lab File: BF118737.D

Acq: 29 Jan 2020 17:54

Tgt Ion: 136 Resp: 1268086

Ion Ratio Lower Upper

136	100		
137	11.2	8.9	13.3
54	6.6	5.1	7.7
68	5.9	4.3	6.5

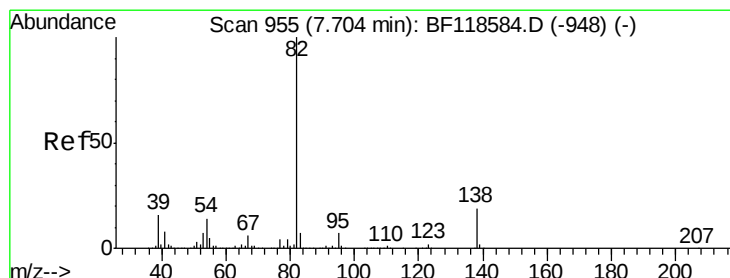
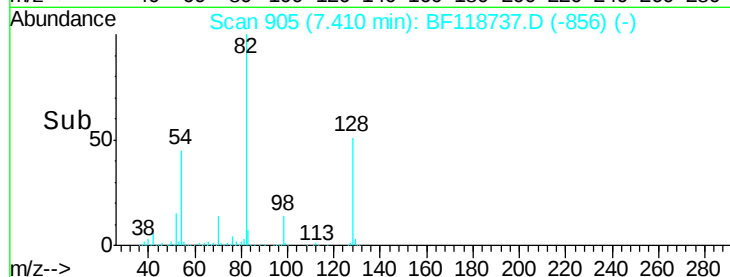
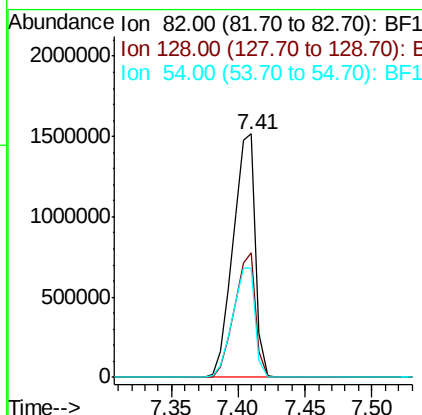
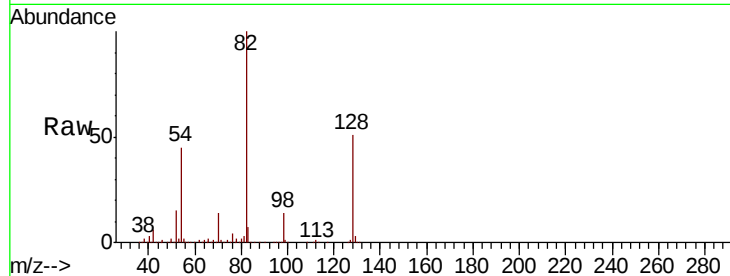




#23
Nitrobenzene-d5
Concen: 78.395 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118737.D
Acq: 29 Jan 2020 17:54

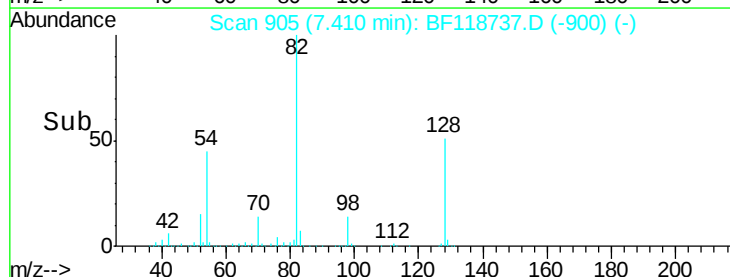
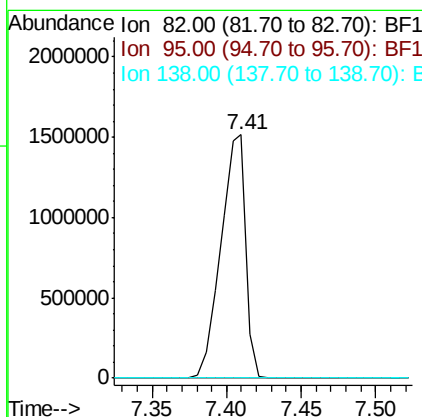
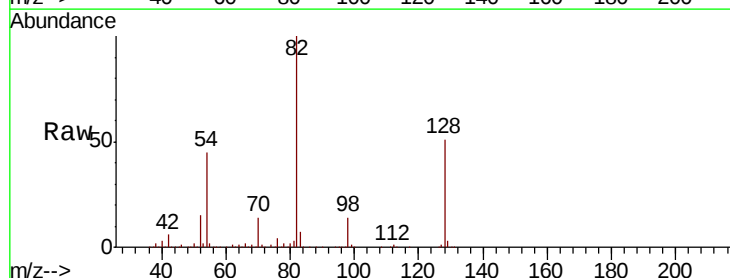
Instrument :
BNA_F
ClientSampleId :

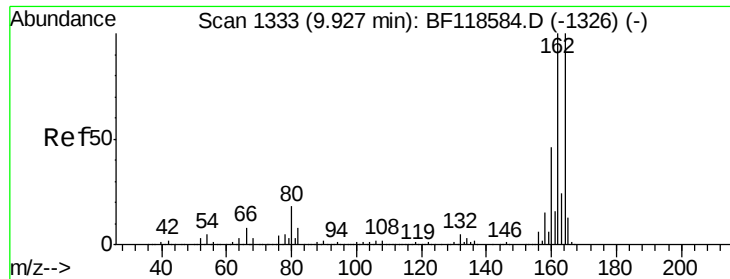
Tot Ion: 82 Resp: 1777299
Ion Ratio Lower Upper
82 100
128 51.1 38.2 57.2
54 44.8 36.1 54.1



#25
Isophorone
Concen: 42.899 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF118737.D
Acq: 29 Jan 2020 17:54

Tgt Ion: 82 Resp: 1773920
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 15.8 23.8#

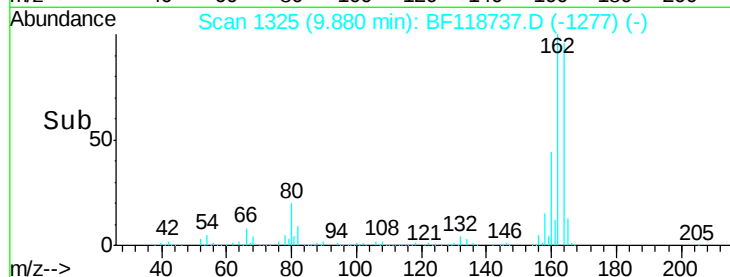
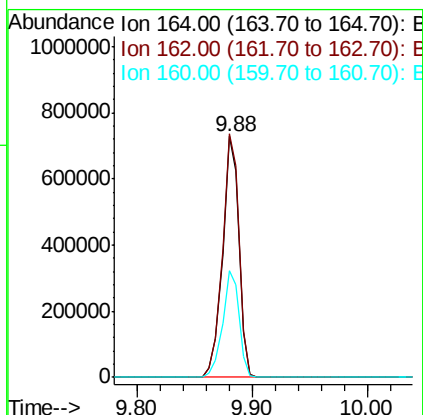
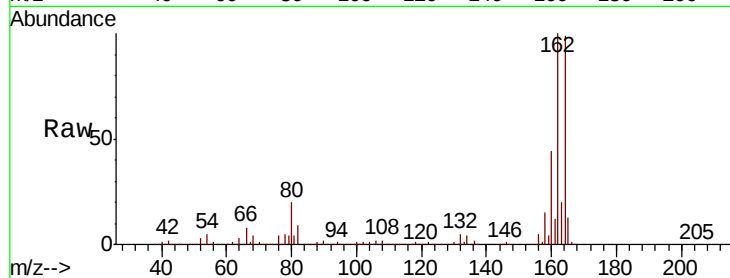




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF118737.D
 Acq: 29 Jan 2020 17:54

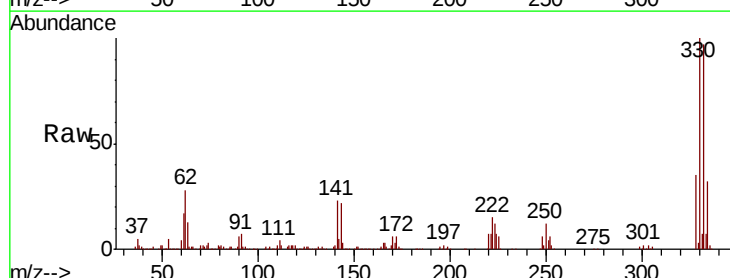
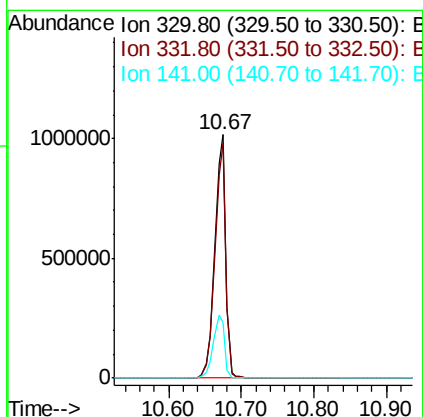
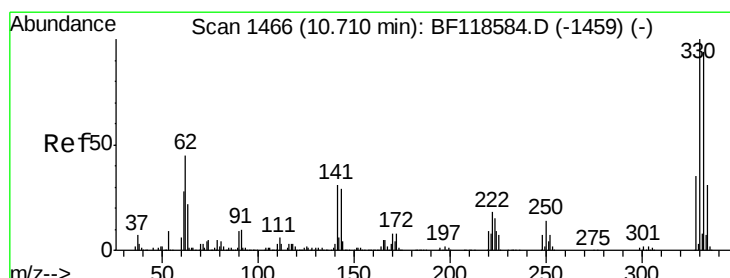
Instrument :
 BNA_F
 ClientSampleId :

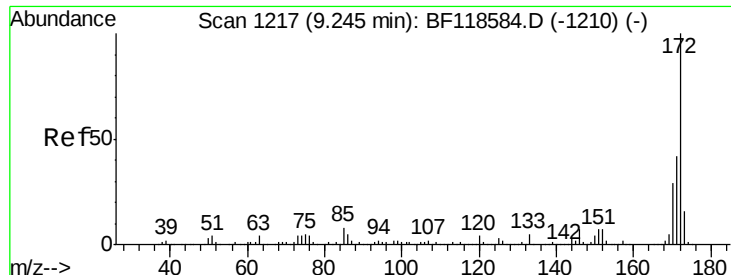
Tot Ion:164 Resp: 714847
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.8 121.2
 160 44.4 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 128.609 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF118737.D
 Acq: 29 Jan 2020 17:54

Tgt Ion:330 Resp: 1063358
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.6 116.4
 141 27.1 22.2 33.2

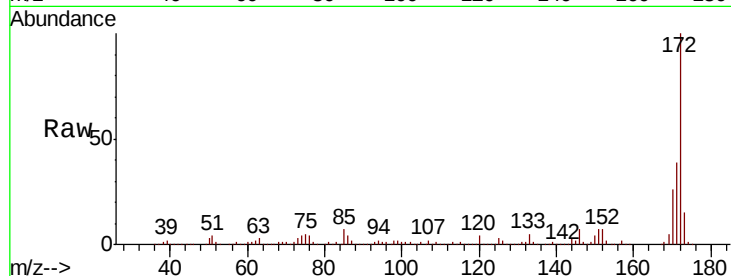




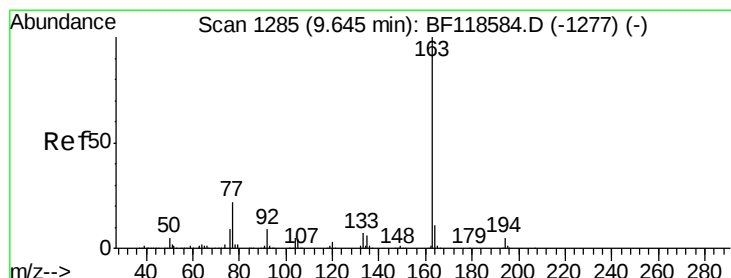
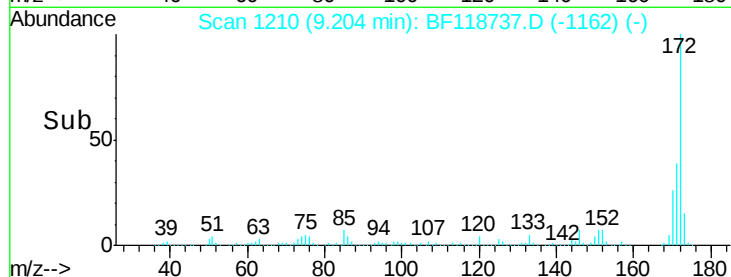
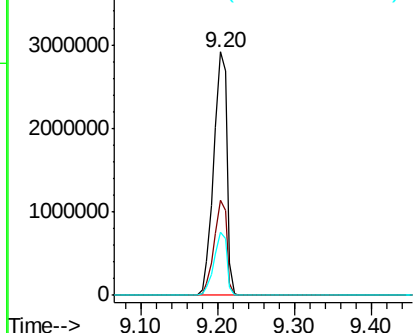
#45
2-Fluorobiphenyl
Concen: 78.339 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118737.D
Acq: 29 Jan 2020 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3407136
Ion Ratio Lower Upper
172 100
171 38.8 31.0 46.4
170 25.9 20.7 31.1

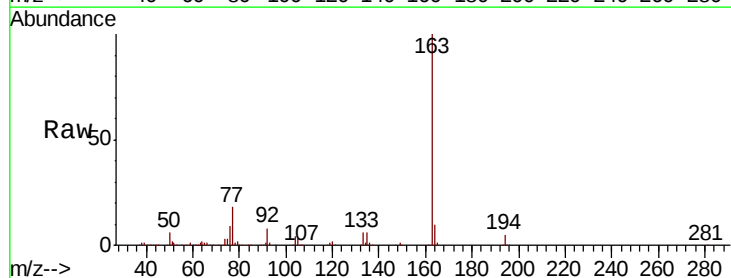


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

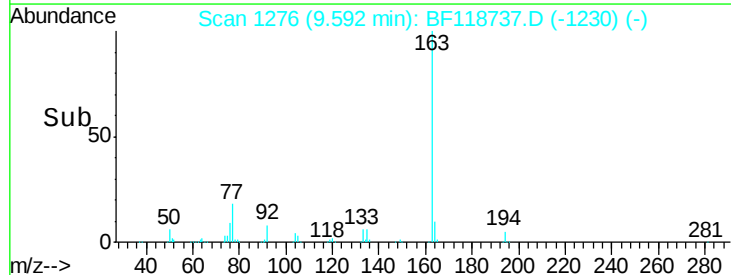
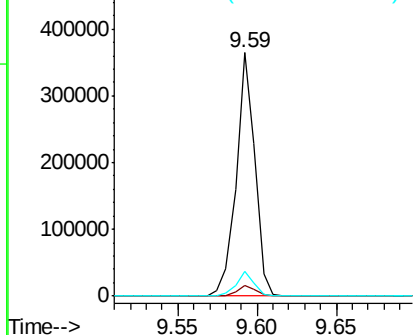


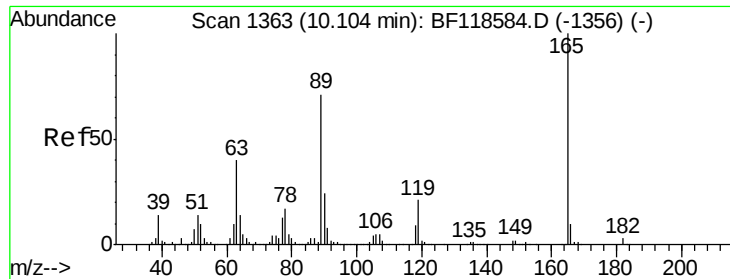
#50
Dimethylphthalate
Concen: 6.383 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF118737.D
Acq: 29 Jan 2020 17:54

Tgt Ion:163 Resp: 297278
Ion Ratio Lower Upper
163 100
194 4.6 3.7 5.5
164 10.1 8.2 12.2



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

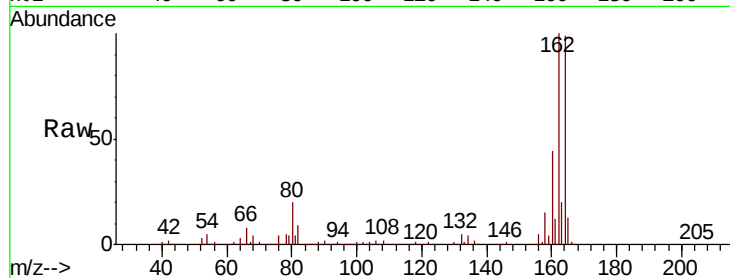




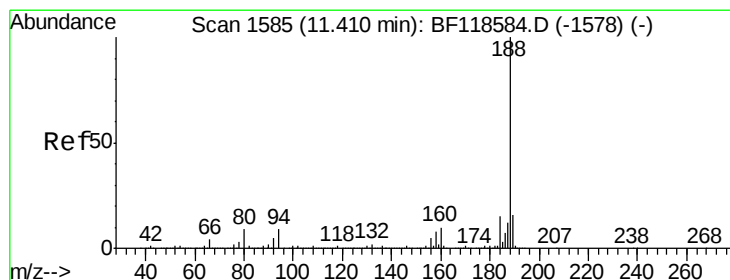
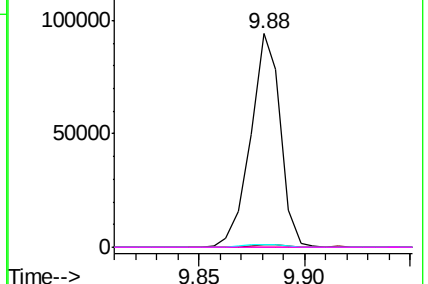
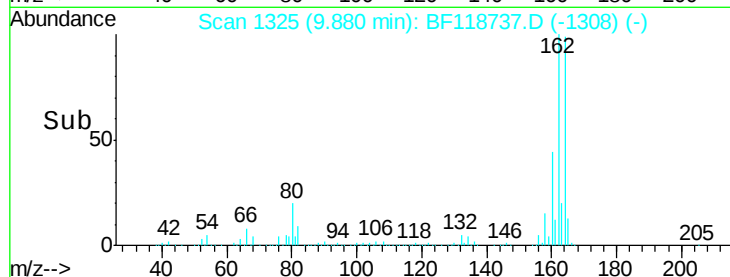
#57
 2,4-Dinitrotoluene
 Concen: 6.985 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF118737.D
 Acq: 29 Jan 2020 17:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.5	42.7#
89	1.3	50.4	75.6#
182	0.0	2.3	3.5#

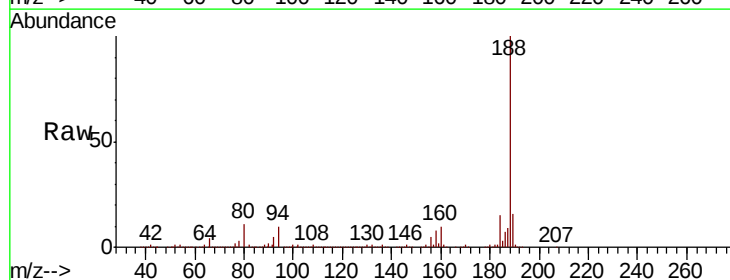


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

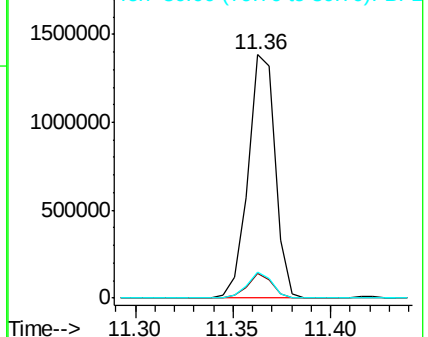
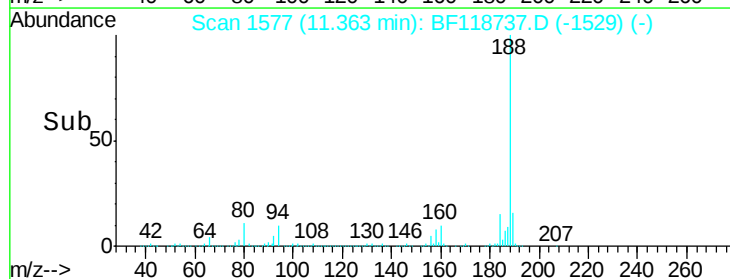


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF118737.D
 Acq: 29 Jan 2020 17:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	10.6	7.8	11.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

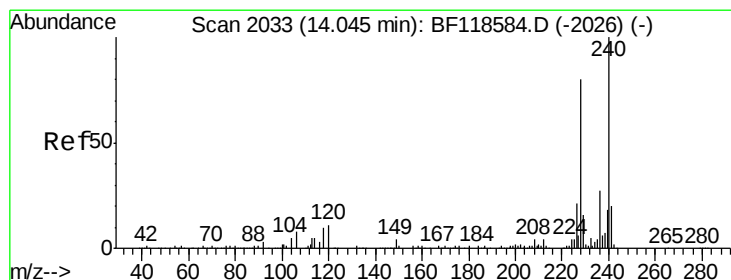
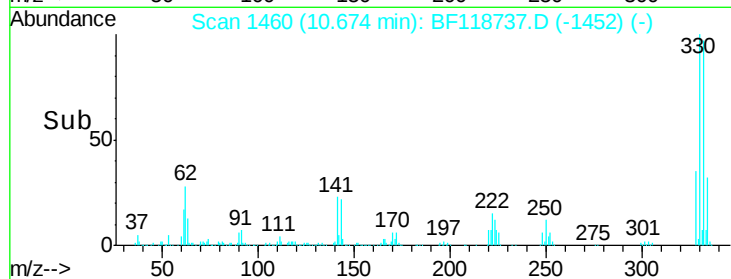
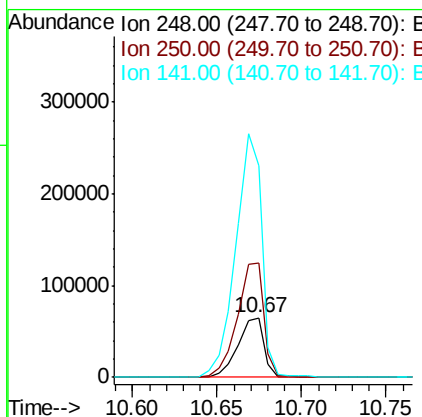
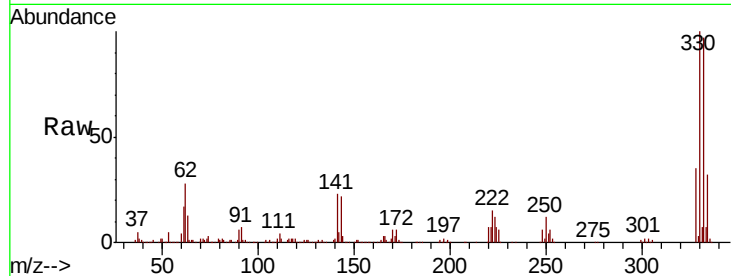




#67
 4-Bromophenyl-phenylether
 Concen: 4.246 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.25 min
 Lab File: BF118737.D
 Acq: 29 Jan 2020 17:54

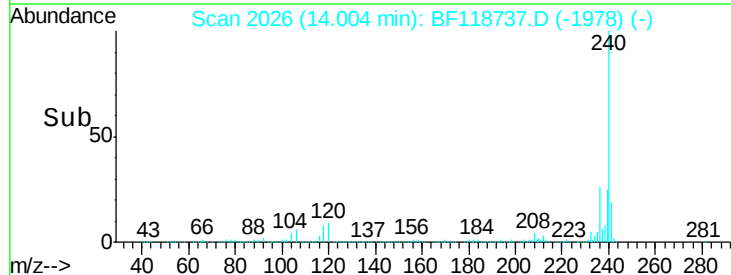
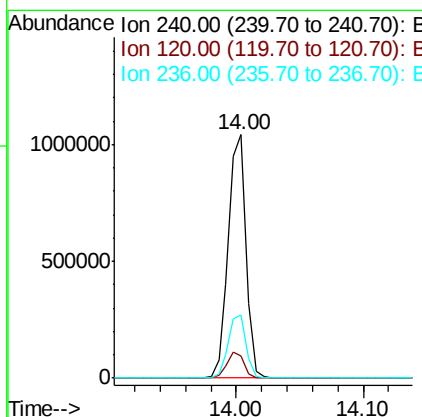
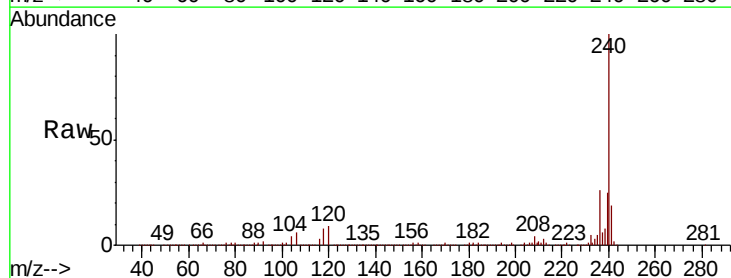
Instrument :
 BNA_F
 ClientSampleId :

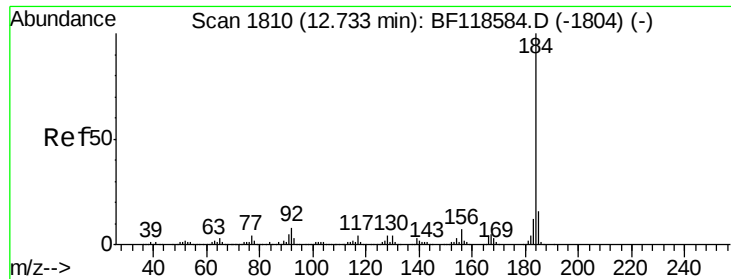
Tot Ion	Ratio	Lower	Upper
248	100		
250	193.0	78.7	118.1#
141	355.3	48.4	72.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF118737.D
 Acq: 29 Jan 2020 17:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.6	11.4
236	25.8	21.0	31.4





#77

Benzidine

Concen: 2.131 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.25 min

Lab File: BF118737.D

Acq: 29 Jan 2020 17:54

Instrument :

BNA_F

ClientSampleId :

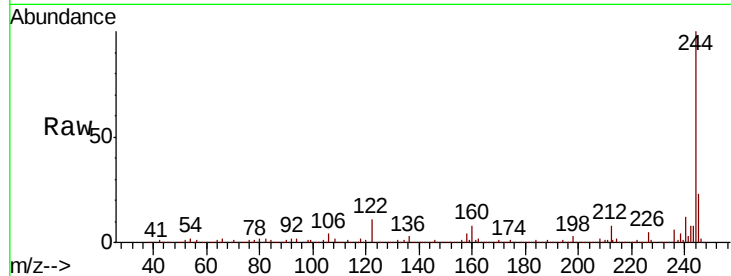
Tot Ion:184 Resp: 57094

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

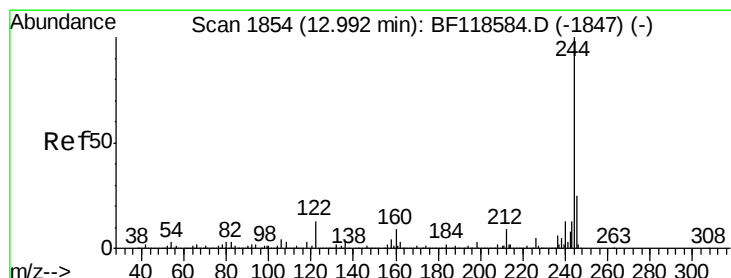
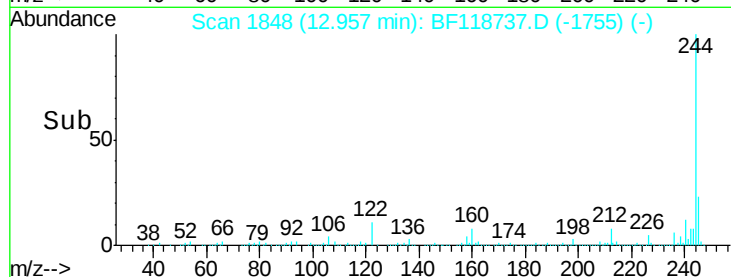
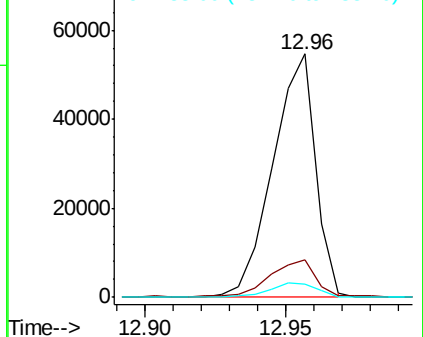
183 5.5 9.7 14.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 92.653 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF118737.D

Acq: 29 Jan 2020 17:54

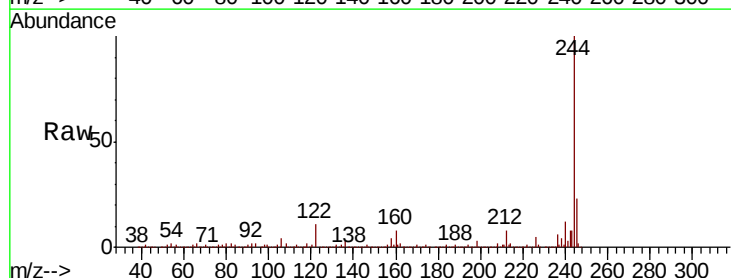
Tgt Ion:244 Resp: 4259073

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

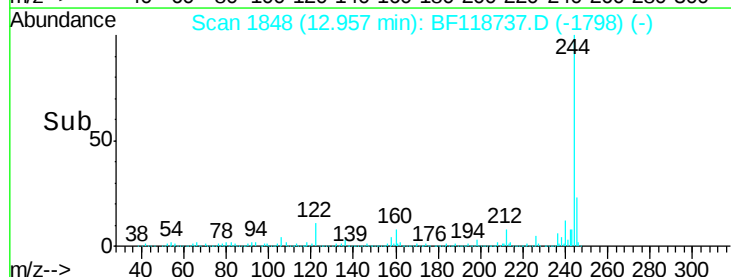
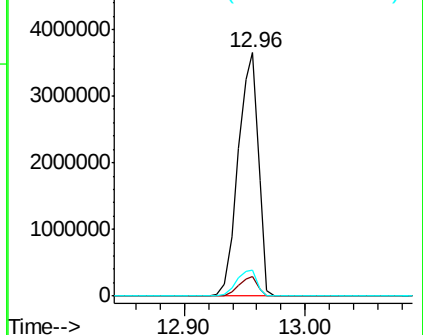
122 10.7 9.2 13.8

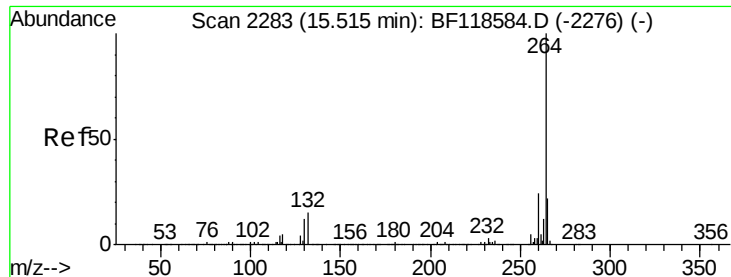


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF118737.D
Acq: 29 Jan 2020 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 904070

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.7	17.0	25.6

