

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118754.D
 Acq On : 30 Jan 2020 16:30
 Operator : CG/JU
 Sample : PB126458BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:08:08 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

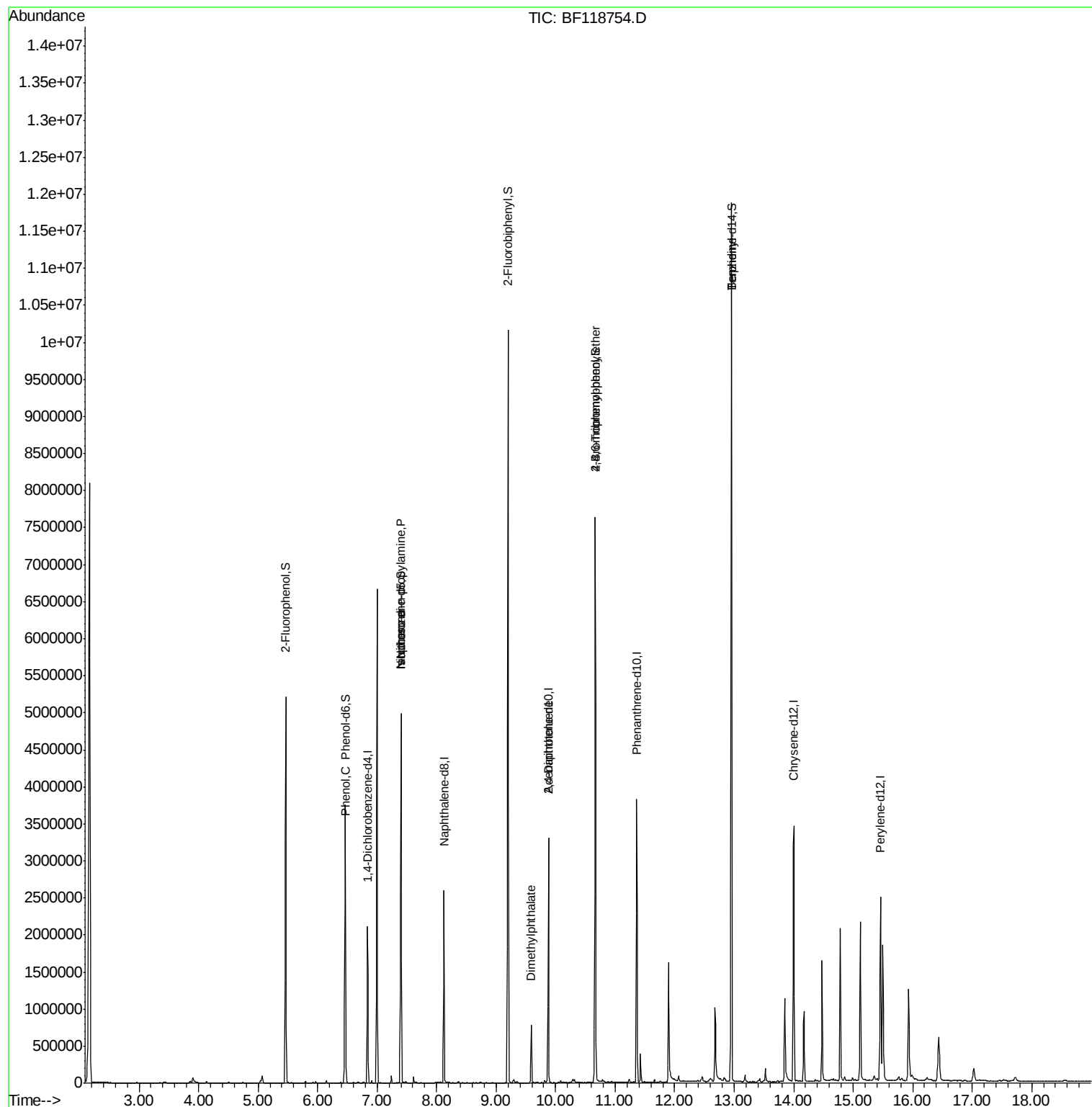
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	313277	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1207869	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	705046	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1388255	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	1179864	20.00	ng	-0.02
87) Perylene-d12	15.46	264	1228350	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1656528	98.21	ng	-0.02
7) Phenol-d6	6.46	99	1392660	63.52	ng	-0.03
23) Nitrobenzene-d5	7.40	82	1832888	84.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	1161606	142.45	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	3531110	82.32	ng	-0.02
79) Terphenyl-d14	12.96	244	4891643	90.43	ng	0.00
Target Compounds						
10) Phenol	6.47	94	98887	3.958	ng	99
19) n-Nitroso-di-n-propylamine	7.40	70	255092	17.232	ng	# 75
25) Isophorone	7.40	82	1829945	46.460	ng	# 63
50) Dimethylphthalate	9.59	163	324391	7.062	ng	99
57) 2,4-Dinitrotoluene	9.88	165	93361	7.200	ng	# 30
67) 4-Bromophenyl-phenylether	10.67	248	76263	4.446	ng	# 1
77) Benzidine	12.96	184	69157	2.194	ng	# 91

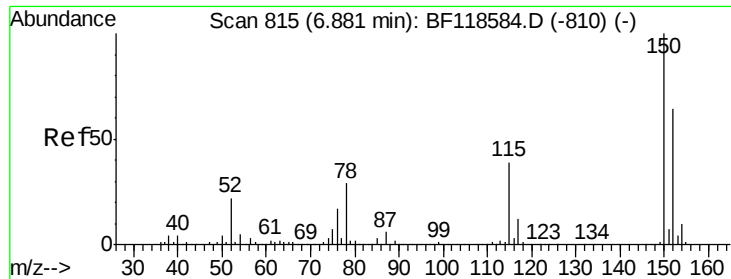
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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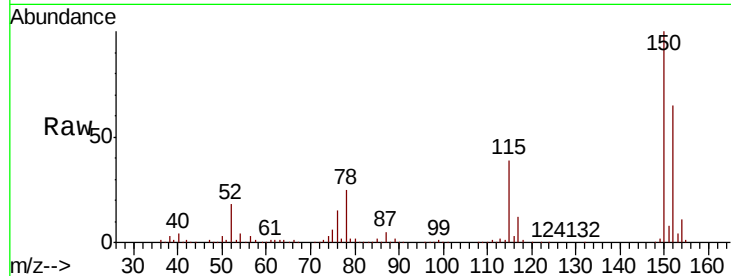


#1

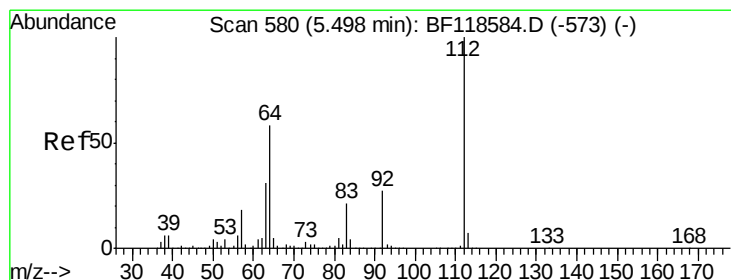
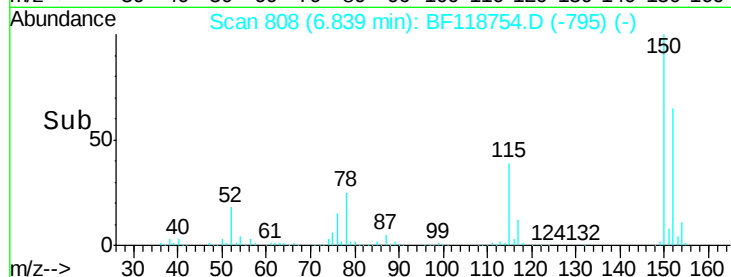
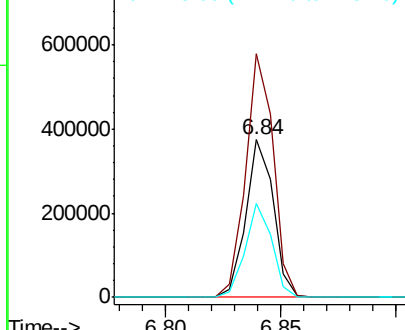
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118754.D
Acq: 30 Jan 2020 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.7	185.5
115	59.9	45.1	67.7



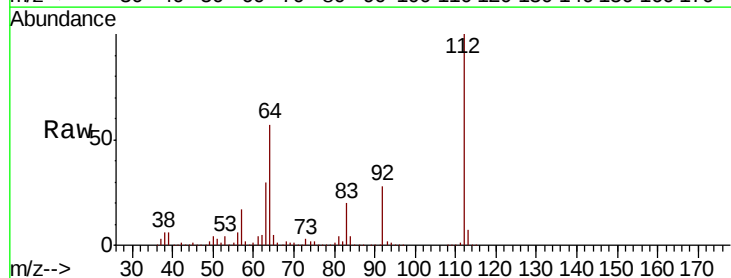
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



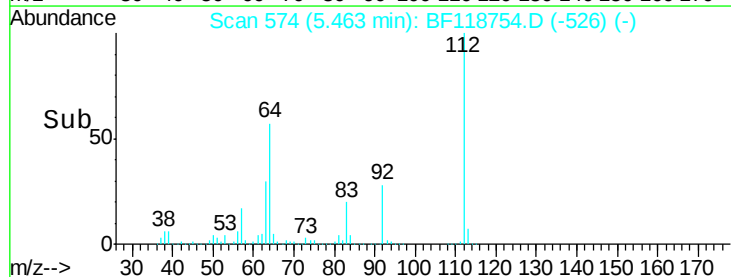
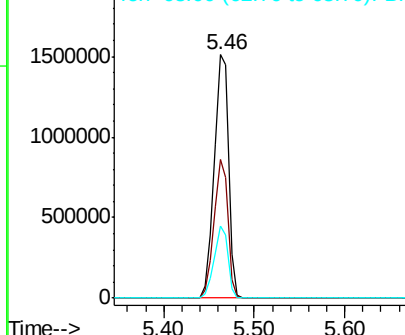
#5

2-Fluorophenol
Concen: 98.207 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF118754.D
Acq: 30 Jan 2020 16:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	42.4	63.6
63	29.8	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: 63.523 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF118754.D

Acq: 30 Jan 2020 16:30

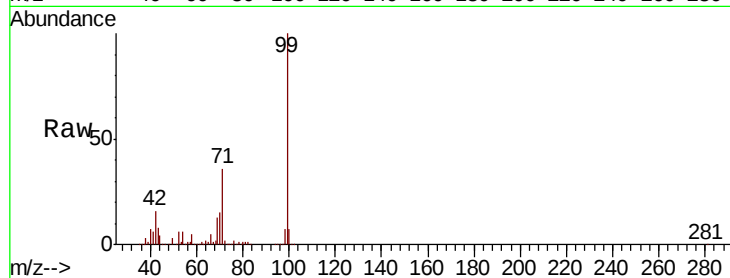
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1392660

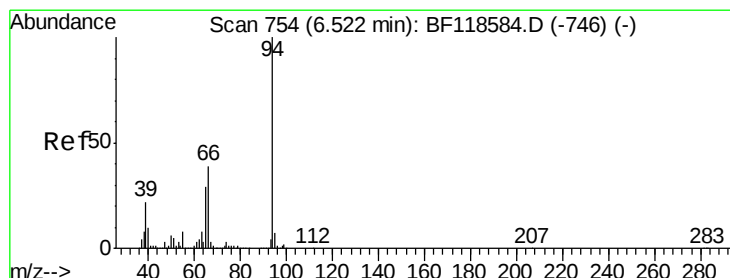
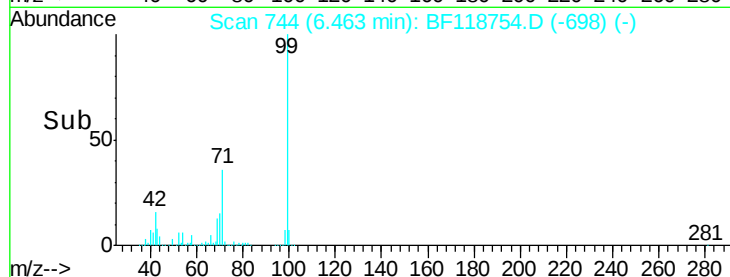
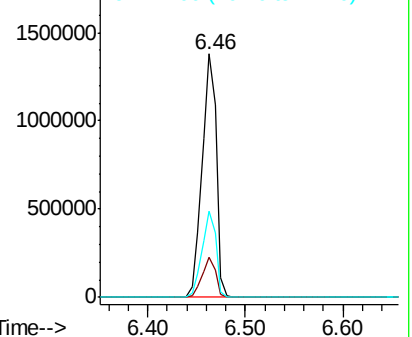
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.1	19.7
71	35.6	28.4	42.6



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: 3.958 ng

RT: 6.47 min Scan# 746

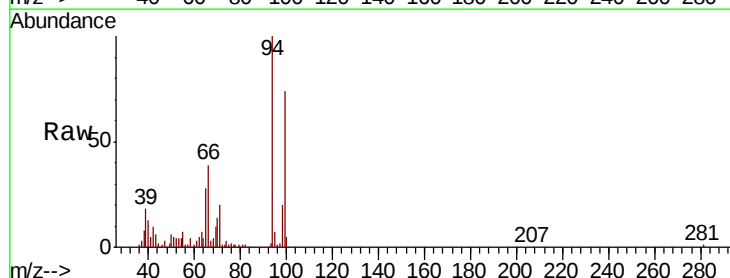
Delta R.T. -0.03 min

Lab File: BF118754.D

Acq: 30 Jan 2020 16:30

Tgt Ion: 94 Resp: 98887

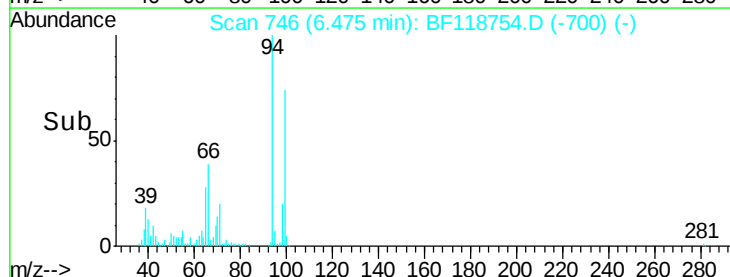
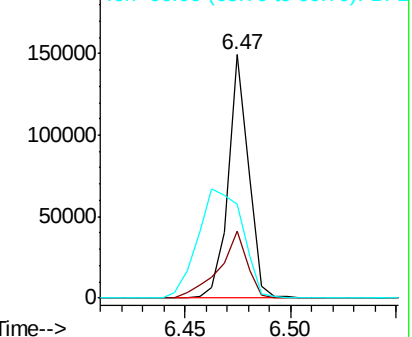
Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.9	47.9
66	38.7	19.1	59.1



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

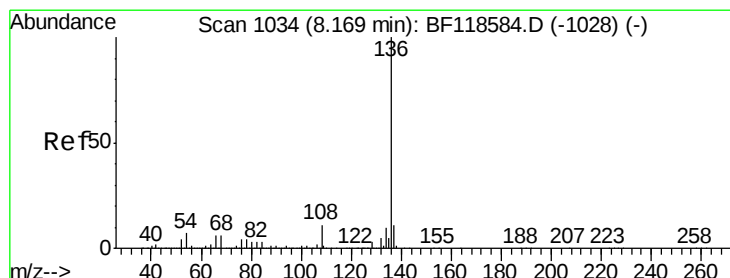
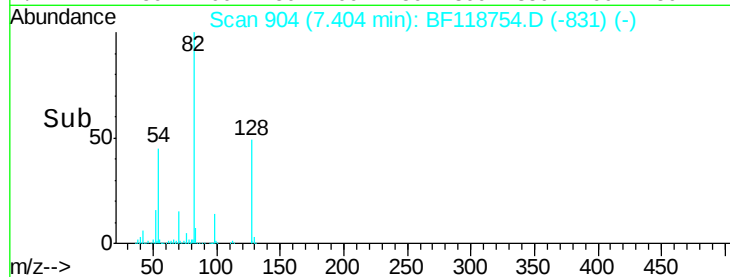
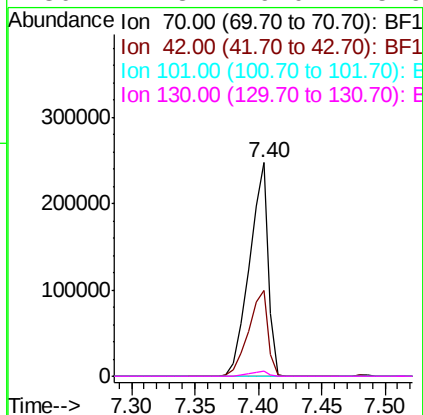
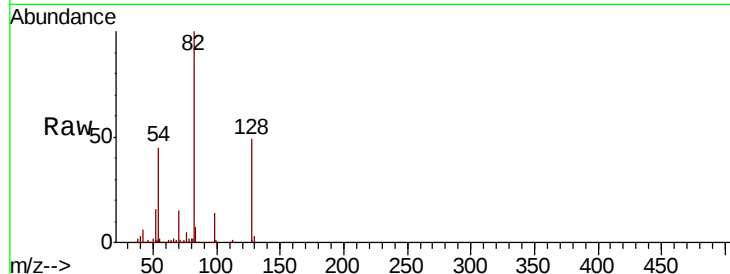




#19
n-Nitroso-di-n-propylamine
Concen: 17.232 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.13 min
Lab File: BF118754.D
Acq: 30 Jan 2020 16:30

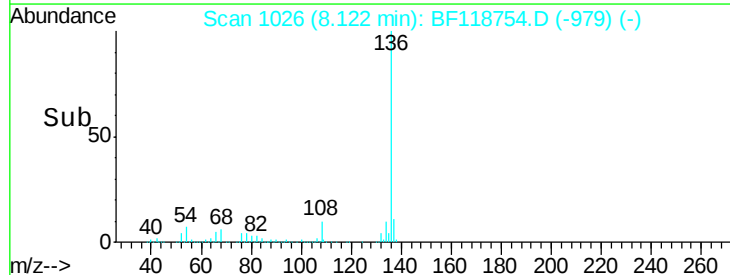
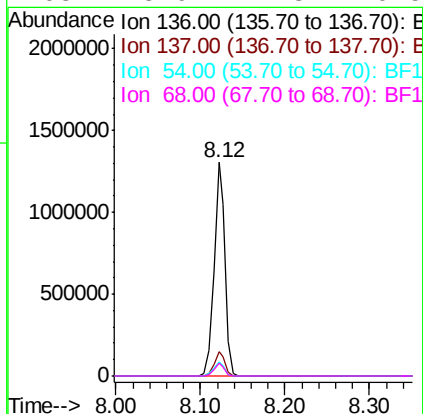
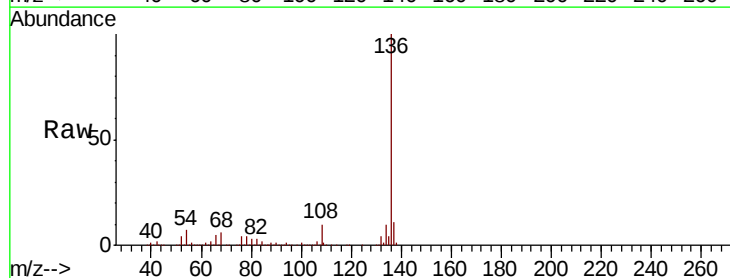
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 255092
Ion Ratio Lower Upper
70 100
42 40.4 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: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118754.D
Acq: 30 Jan 2020 16:30

Tgt Ion:136 Resp: 1207869
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.9 5.1 7.7
68 5.9 4.3 6.5

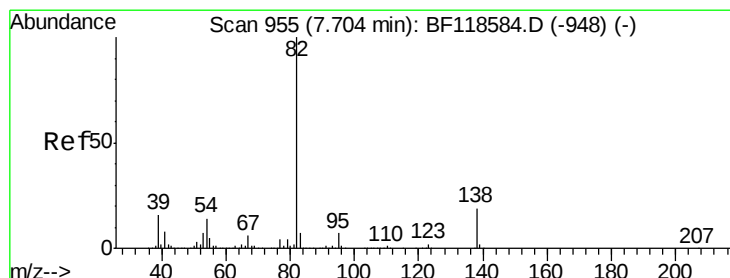
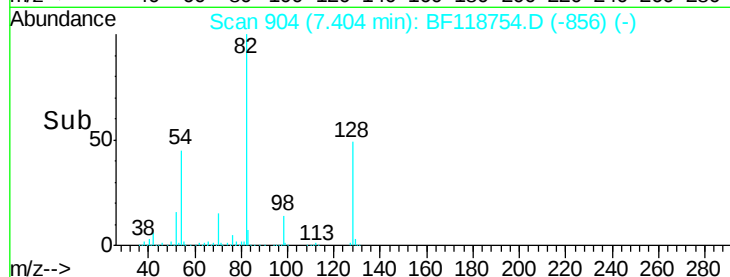
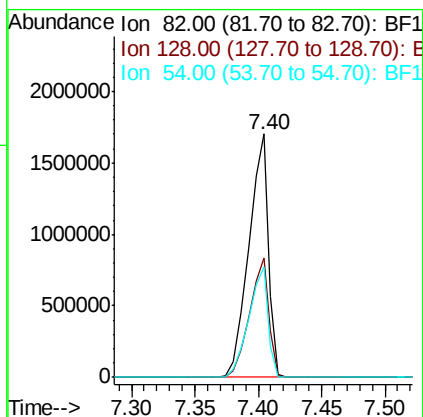
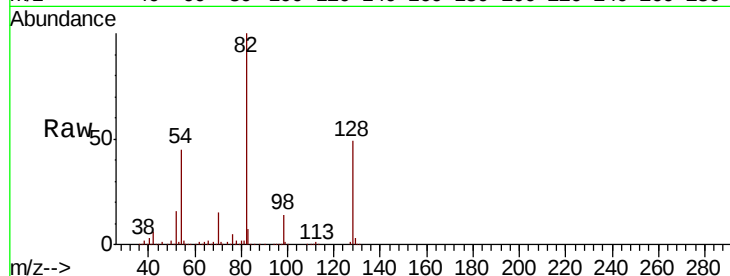




#23
Nitrobenzene-d5
Concen: 84.877 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF118754.D
Acq: 30 Jan 2020 16:30

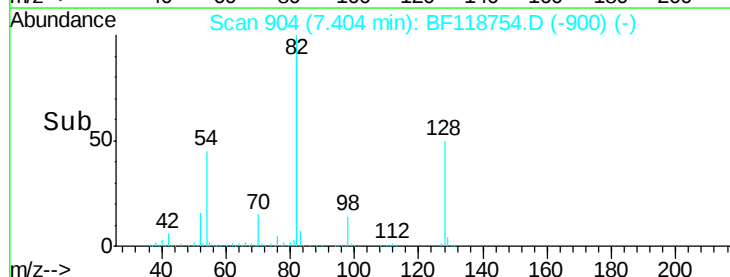
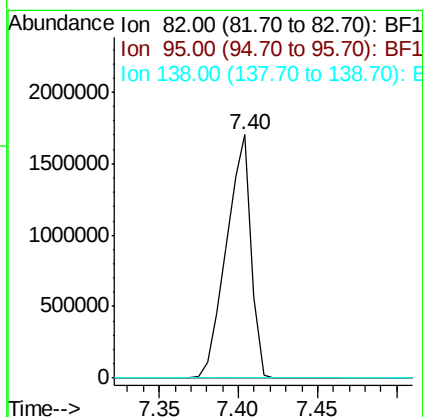
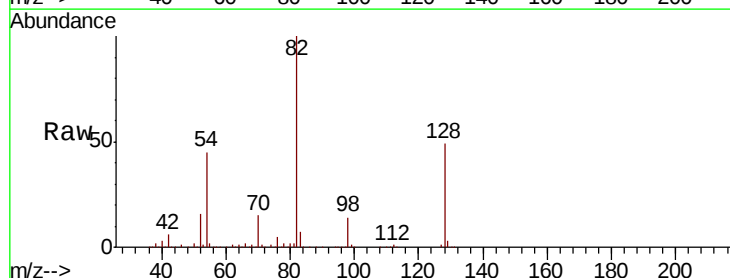
Instrument :
BNA_F
ClientSampleId :

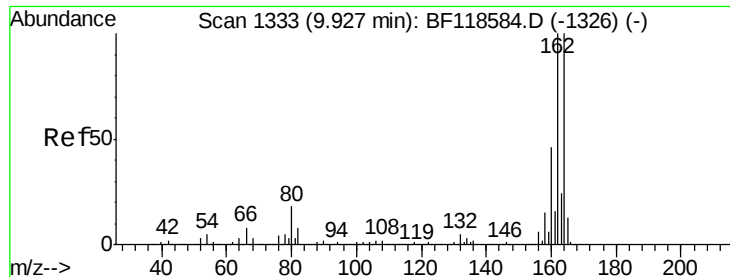
Tot Ion: 82 Resp: 1832888
Ion Ratio Lower Upper
82 100
128 49.0 38.2 57.2
54 45.5 36.1 54.1



#25
Isophorone
Concen: 46.460 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.28 min
Lab File: BF118754.D
Acq: 30 Jan 2020 16:30

Tgt Ion: 82 Resp: 1829945
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 15.8 23.8#

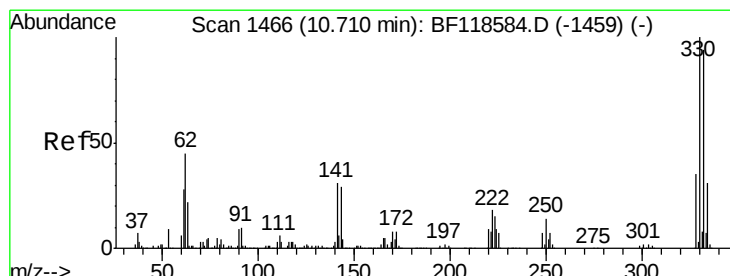
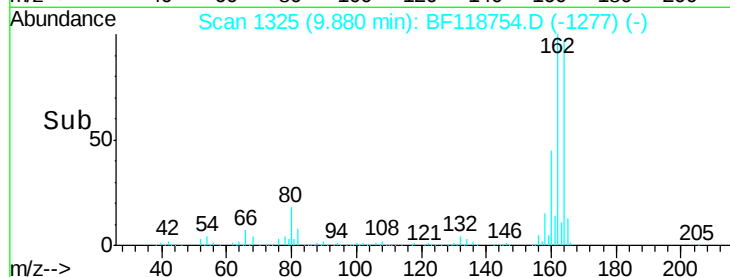
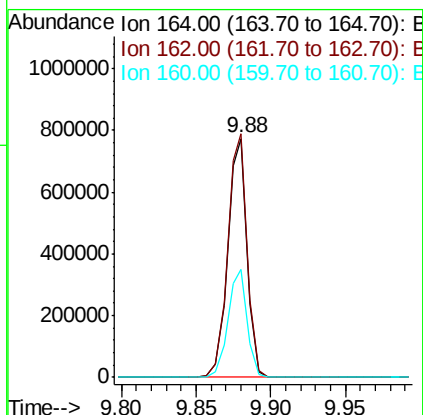
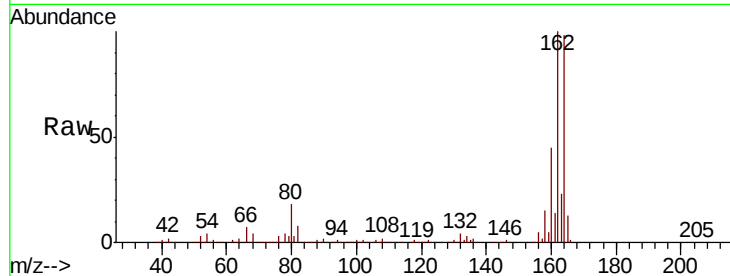




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF118754.D
 Acq: 30 Jan 2020 16:30

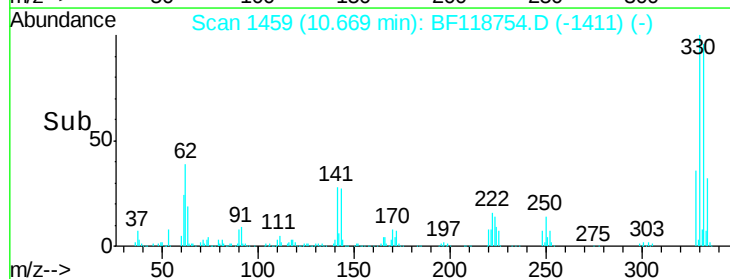
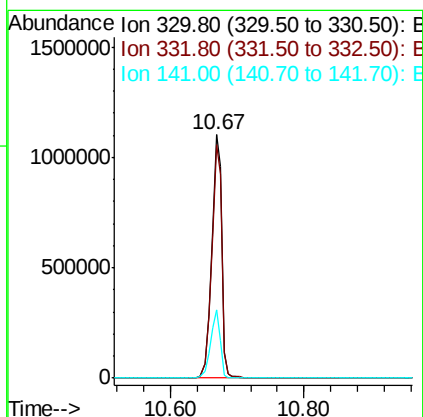
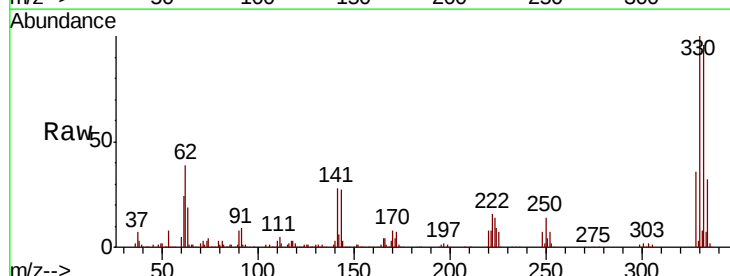
Instrument :
 BNA_F
 ClientSampleId :

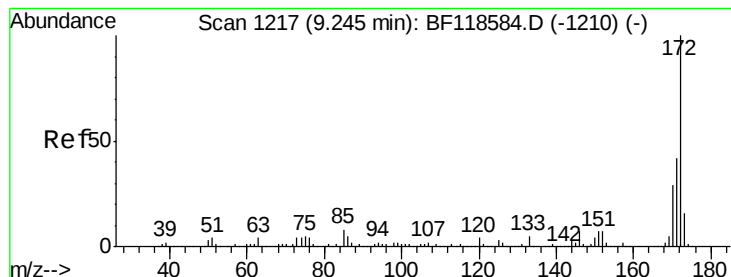
Tot Ion:164 Resp: 705046
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.8 121.2
 160 45.4 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 142.445 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF118754.D
 Acq: 30 Jan 2020 16:30

Tgt Ion:330 Resp: 1161606
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.6 116.4
 141 27.1 22.2 33.2





#45

2-Fluorobiphenyl

Concen: 82.318 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.02 min

Lab File: BF118754.D

Acq: 30 Jan 2020 16:30

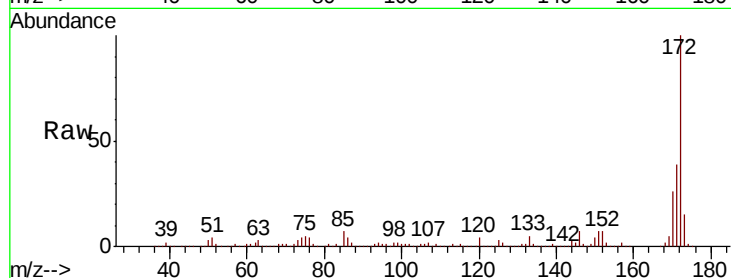
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 3531110

Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	26.4	20.7	31.1

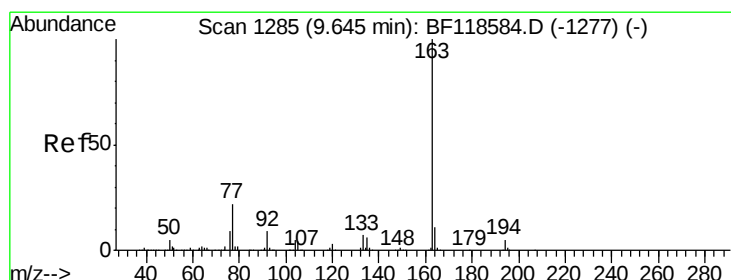
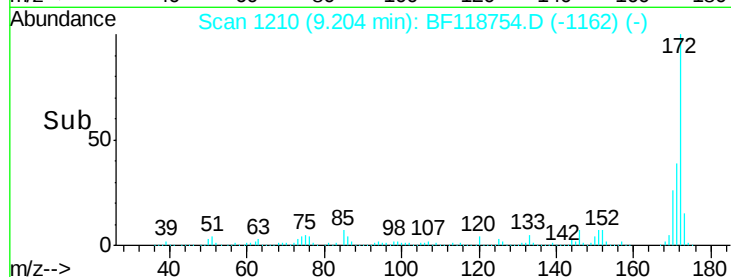
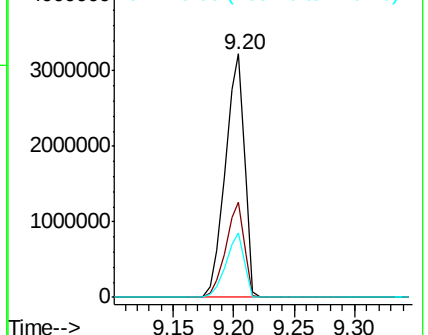


Abundance

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: 7.062 ng

RT: 9.59 min Scan# 1276

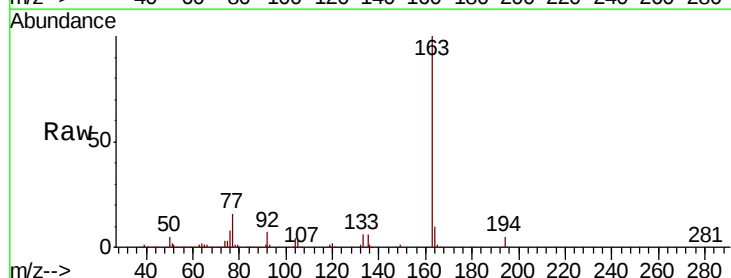
Delta R.T. -0.03 min

Lab File: BF118754.D

Acq: 30 Jan 2020 16:30

Tgt Ion:163 Resp: 324391

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	9.8	8.2	12.2

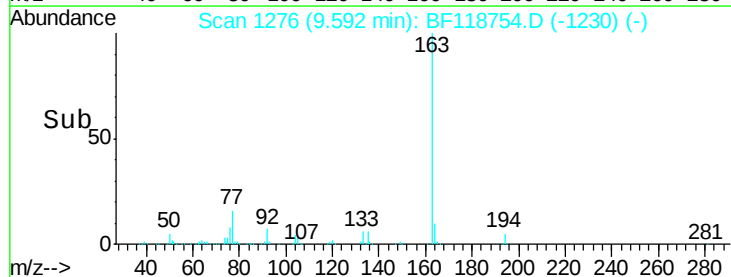
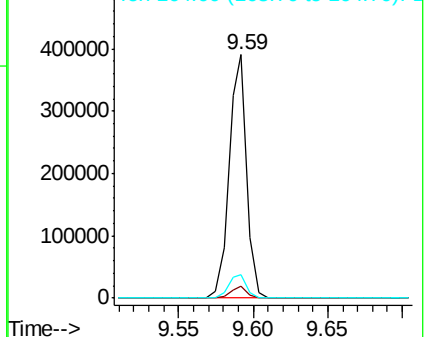


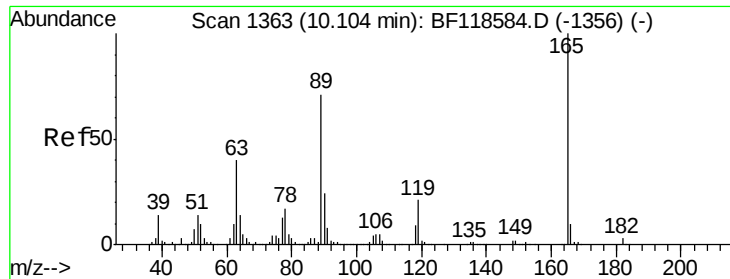
Abundance

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

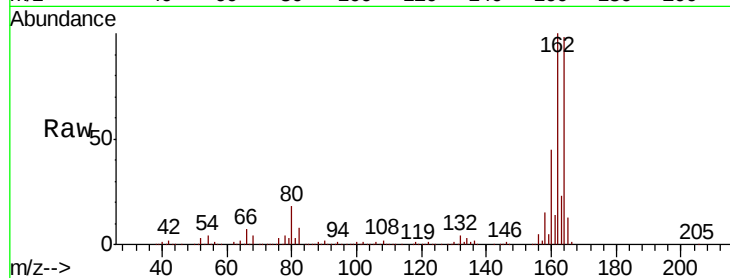




#57
 2,4-Dinitrotoluene
 Concen: 7.200 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF118754.D
 Acq: 30 Jan 2020 16:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	28.5	42.7#
89	1.1	50.4	75.6#
182	0.0	2.3	3.5#



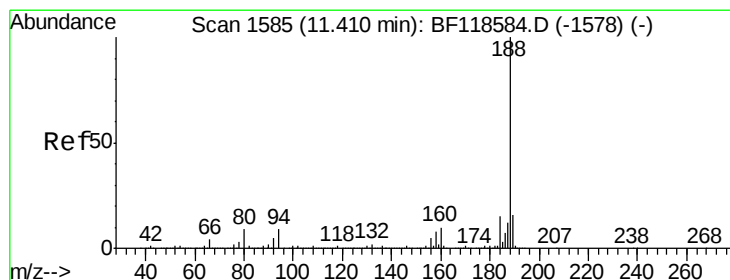
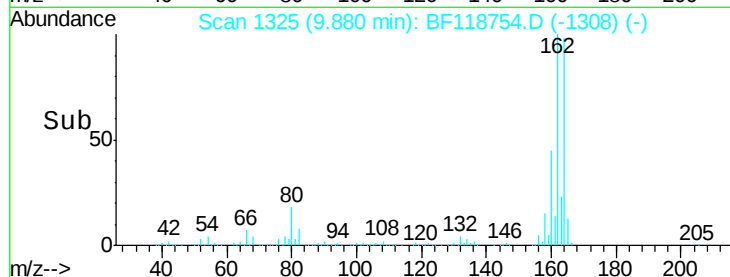
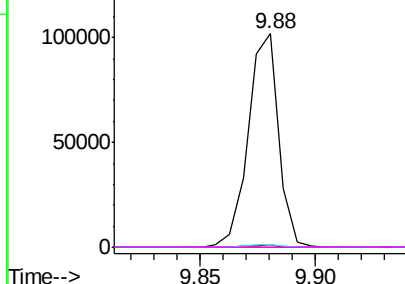
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

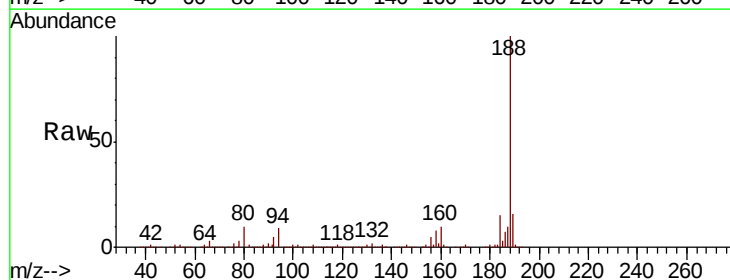
Ion 89.00 (88.70 to 89.70): BF1

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: BF118754.D
 Acq: 30 Jan 2020 16:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	9.9	7.8	11.8

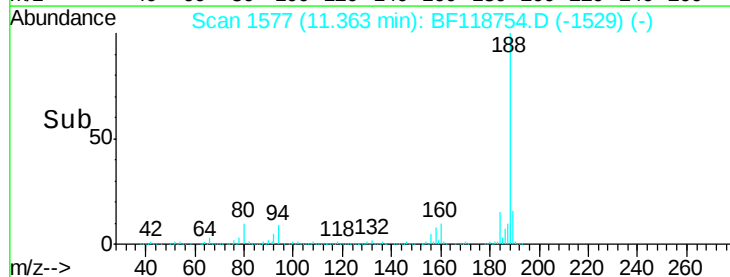
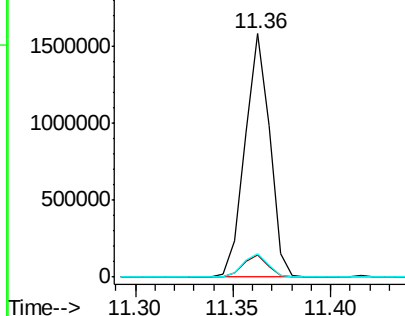


Abundance

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

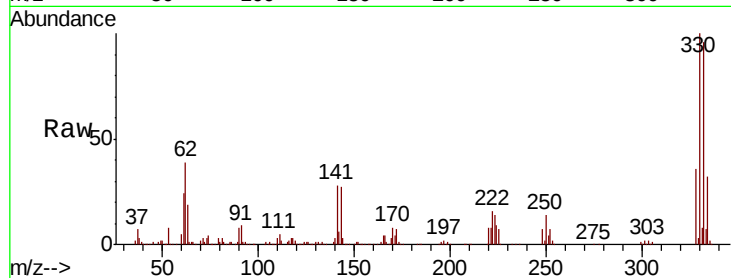




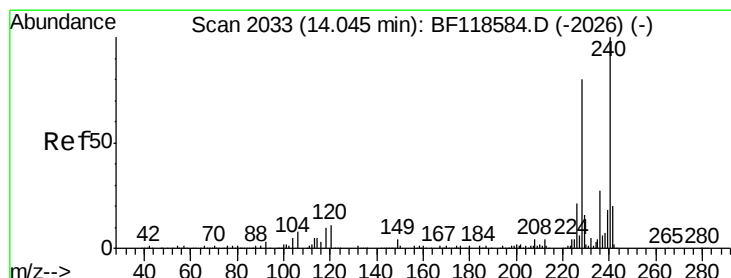
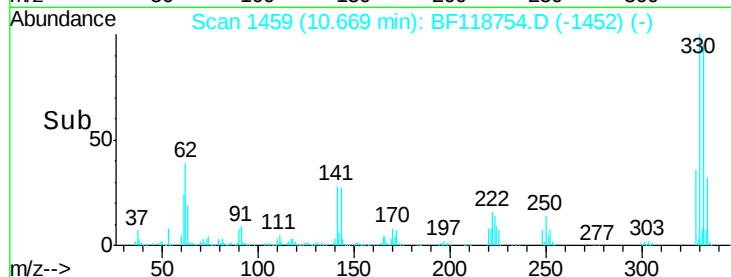
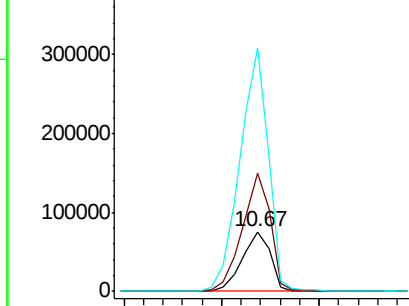
#67
4-Bromophenyl-phenylether
Concen: 4.446 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.26 min
Lab File: BF118754.D
Acq: 30 Jan 2020 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 76263
Ion Ratio Lower Upper
248 100
250 197.5 78.7 118.1#
141 406.4 48.4 72.6#

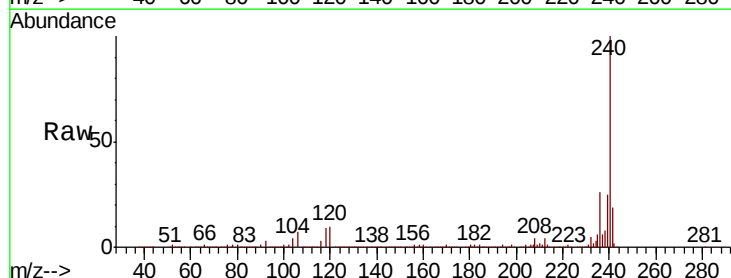


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

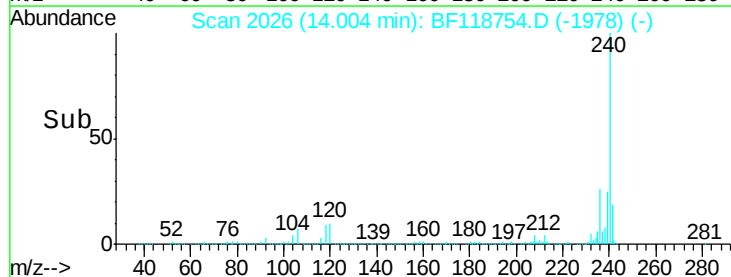
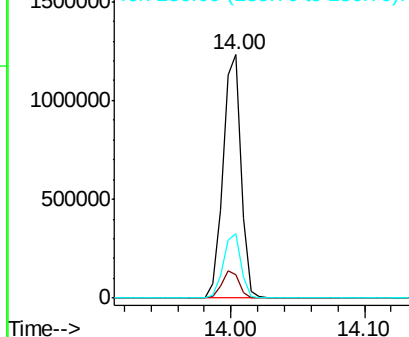


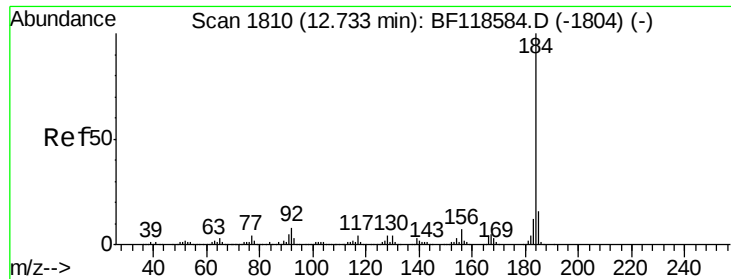
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF118754.D
Acq: 30 Jan 2020 16:30

Tgt Ion:240 Resp: 1179864
Ion Ratio Lower Upper
240 100
120 9.5 7.6 11.4
236 26.4 21.0 31.4



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





#77

Benzidine

Concen: 2.194 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.25 min

Lab File: BF118754.D

Acq: 30 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

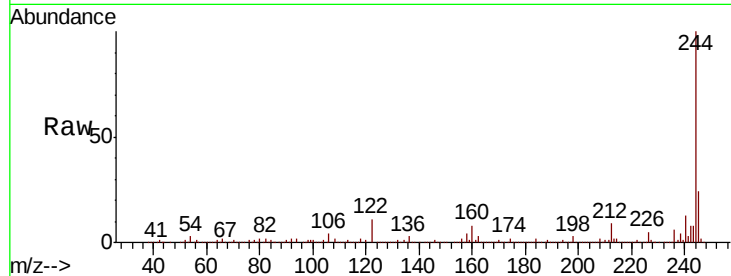
Tot Ion:184 Resp: 69157

Ion Ratio Lower Upper

184 100

185 16.4 11.8 17.8

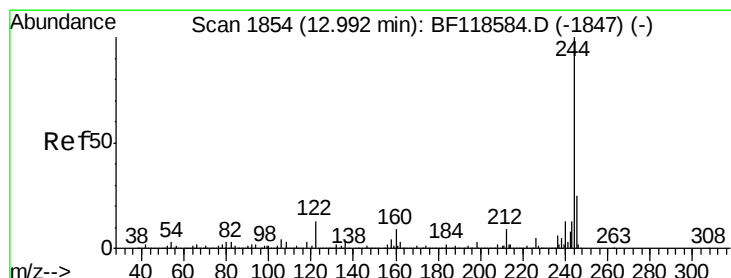
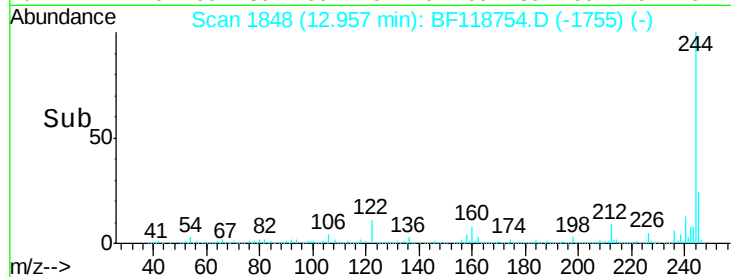
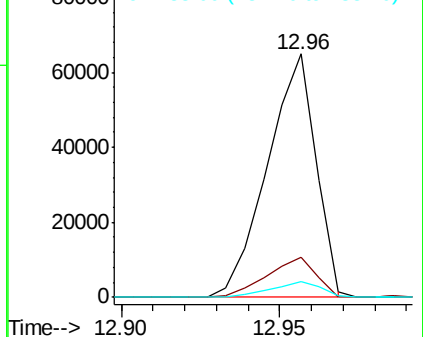
183 6.4 9.7 14.5#



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: 90.427 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF118754.D

Acq: 30 Jan 2020 16:30

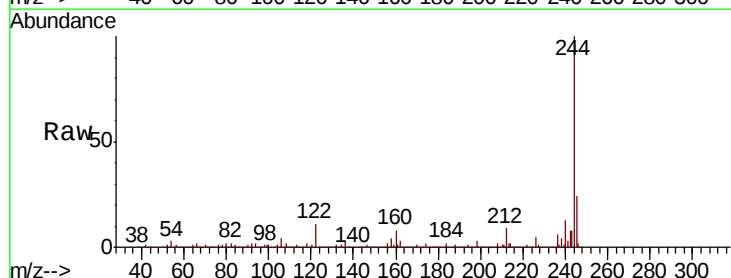
Tgt Ion:244 Resp: 4891643

Ion Ratio Lower Upper

244 100

212 8.9 6.3 9.5

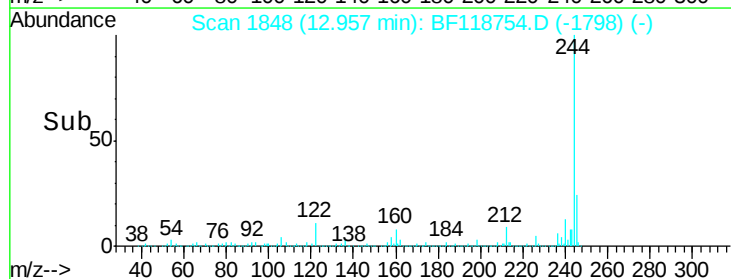
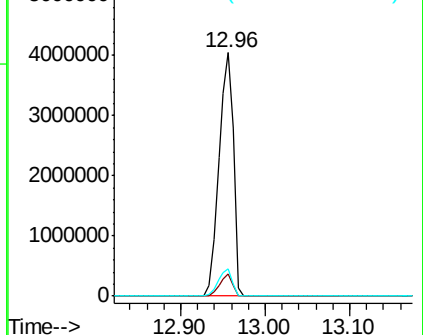
122 11.1 9.2 13.8

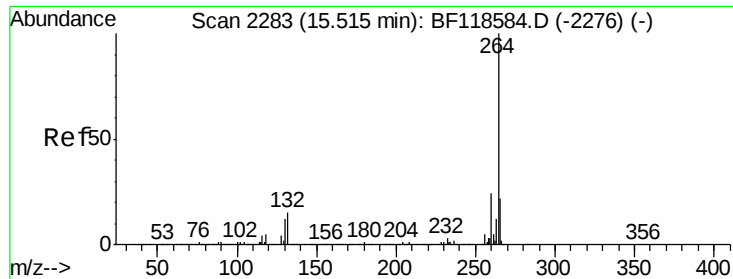


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF118754.D
Acq: 30 Jan 2020 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1228350

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.1	17.0	25.6

