

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121080.D
 Acq On : 28 Jul 2020 20:53
 Operator : JU/CG
 Sample : L3439-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200441-3002A

Quant Time: Jul 29 00:46:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	160158	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	590363	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	326656	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	640742	20.00	ng	0.00
76) Chrysene-d12	13.97	240	635979	20.00	ng	0.00
86) Perylene-d12	15.42	264	649829	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1261331	129.11	ng	0.02
7) Phenol-d6	6.45	99	1436694	113.84	ng	0.00
23) Nitrobenzene-d5	7.38	82	1046874	102.61	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	565016	158.02	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1895820	86.65	ng	0.00
79) Terphenyl-d14	12.92	244	2120040	72.46	ng	0.00

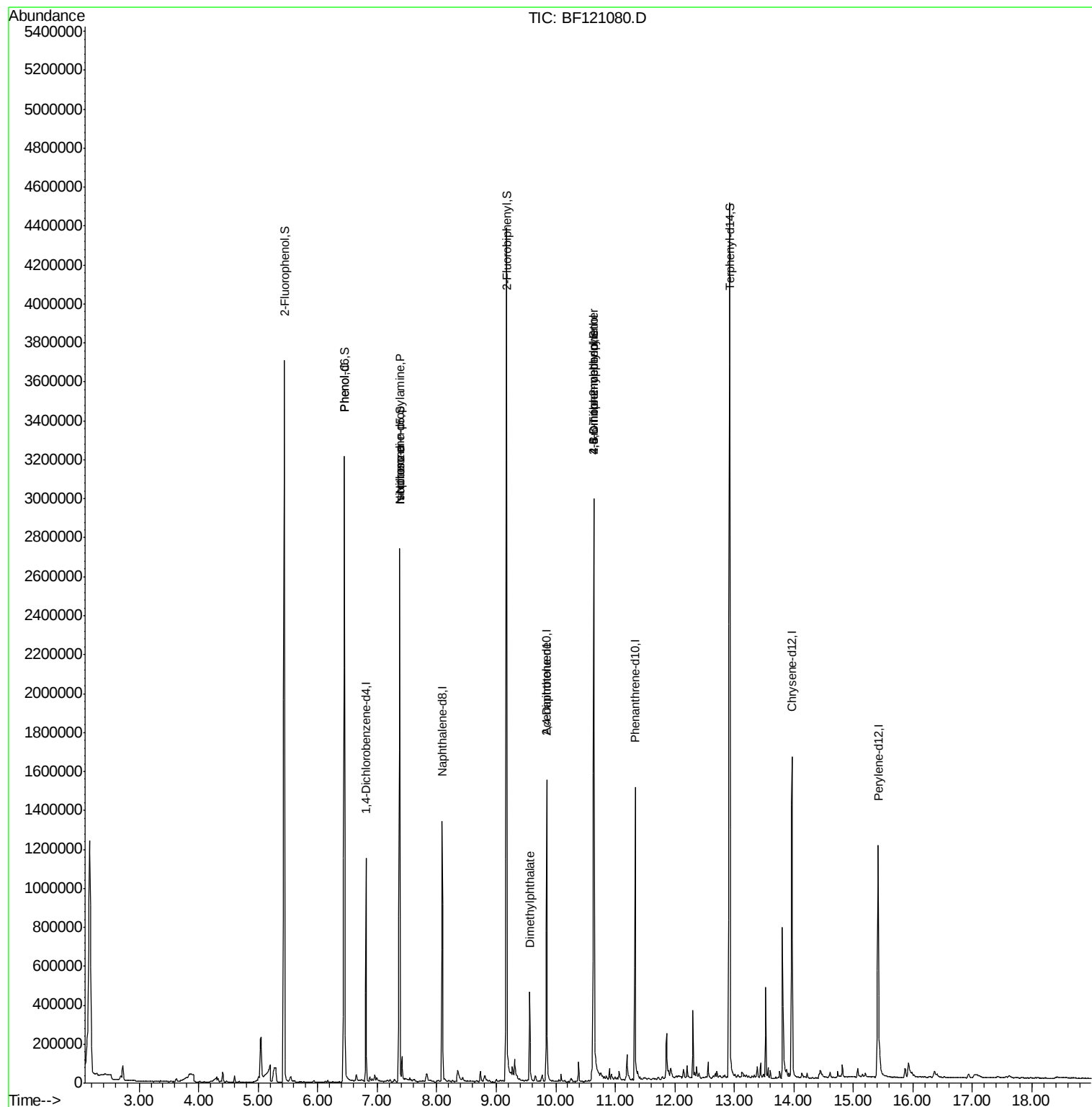
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.36	77	689	Below Cal		88
10) Phenol	6.46	94	48887	3.522 ng	#	68
19) n-Nitroso-di-n-propylamine	7.38	70	140848	19.628 ng	#	76
25) Isophorone	7.38	82	1043760	51.259 ng	#	63
50) Dimethylphthalate	9.56	163	189284	8.032 ng		99
57) 2,4-Dinitrotoluene	9.85	165	41842	6.293 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.63	198	1007	4.092 ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	31970	4.475 ng	#	1

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

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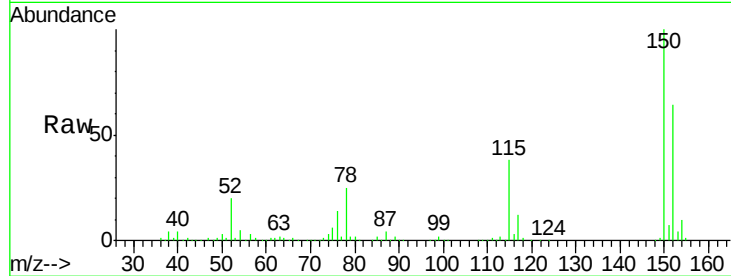


#1

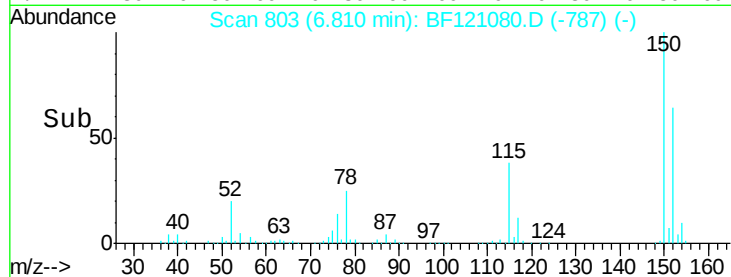
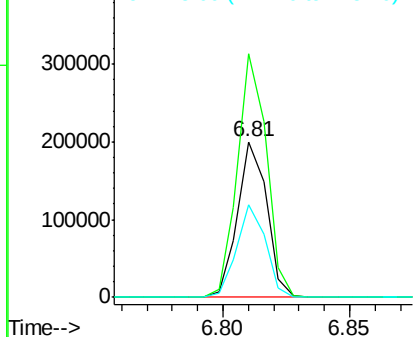
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121080.D
Acq: 28 Jul 2020 20:53

Instrument :
BNA_F
ClientSampleId :
20200441-3002A

Tot Ion:152 Resp: 160158
Ion Ratio Lower Upper
152 100
150 156.2 125.0 187.6
115 59.7 47.0 70.4



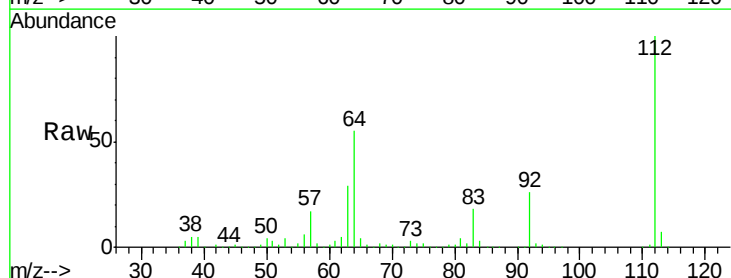
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



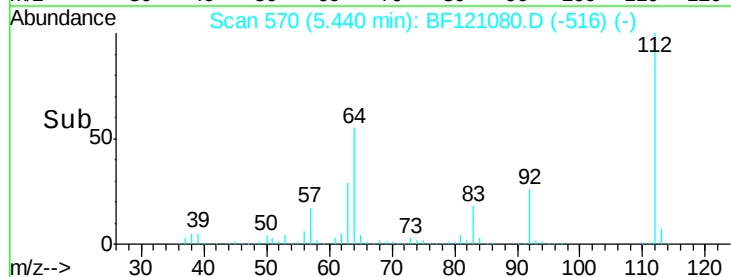
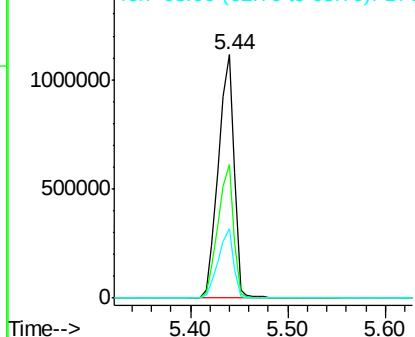
#5

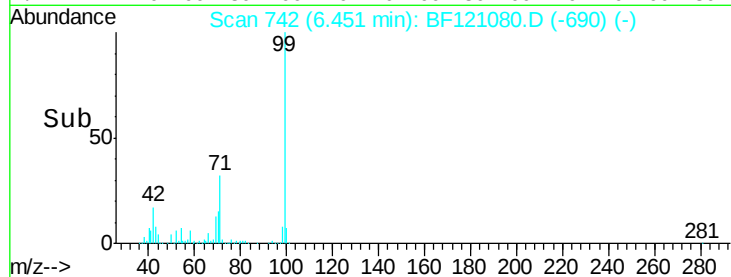
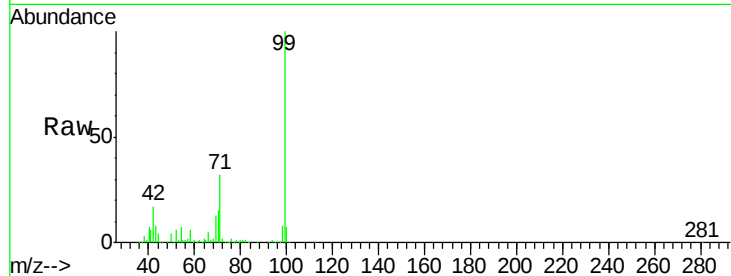
2-Fluorophenol
Concen: 129.108 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121080.D
Acq: 28 Jul 2020 20:53

Tgt Ion:112 Resp: 1261331
Ion Ratio Lower Upper
112 100
64 55.1 41.3 61.9
63 28.6 21.1 31.7



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: 113.844 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121080.D

Acq: 28 Jul 2020 20:53

Instrument :

BNA_F

ClientSampleId :

20200441-3002A

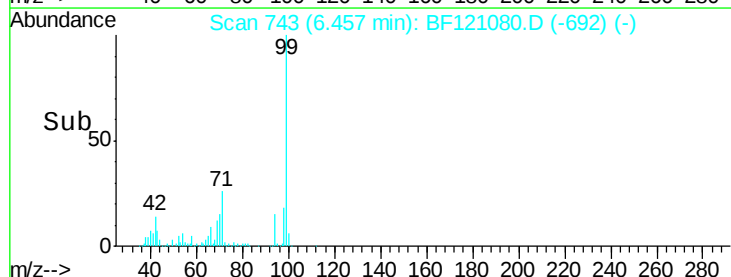
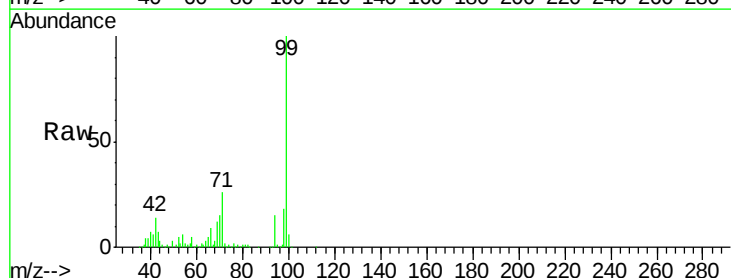
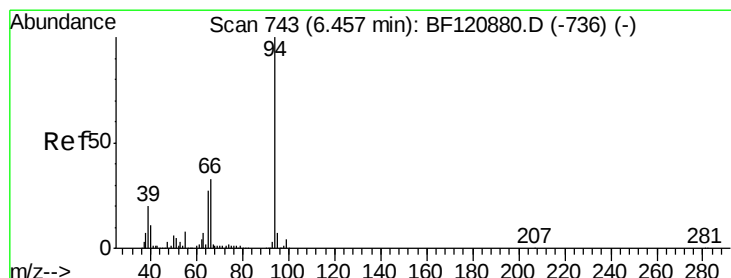
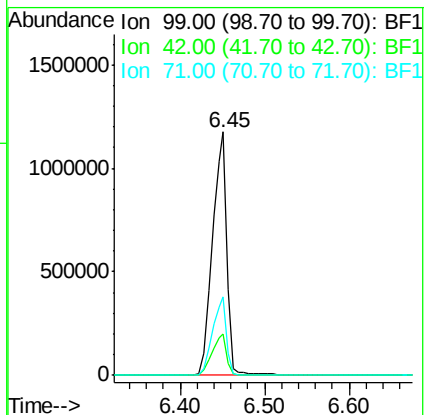
Tot Ion: 99 Resp: 1436694

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

71 32.2 24.2 36.4



#10

Phenol

Concen: 3.522 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF121080.D

Acq: 28 Jul 2020 20:53

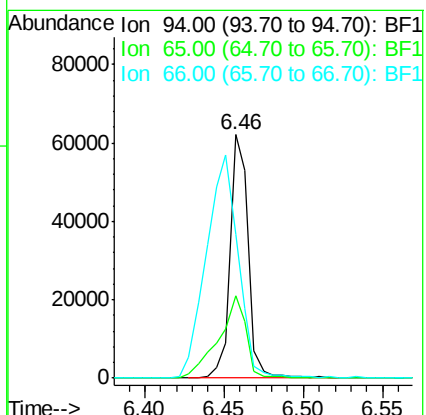
Tgt Ion: 94 Resp: 48887

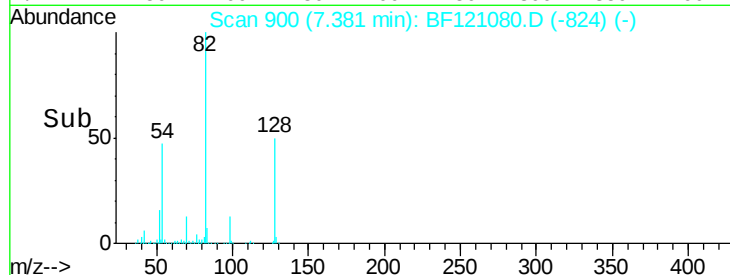
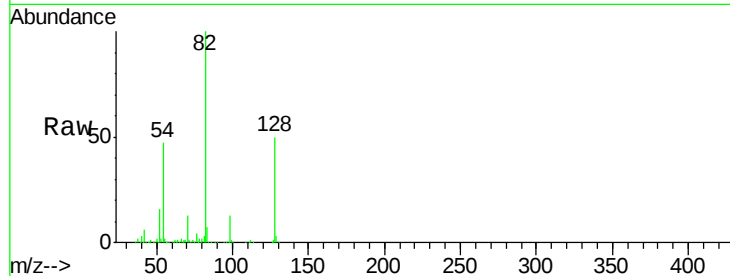
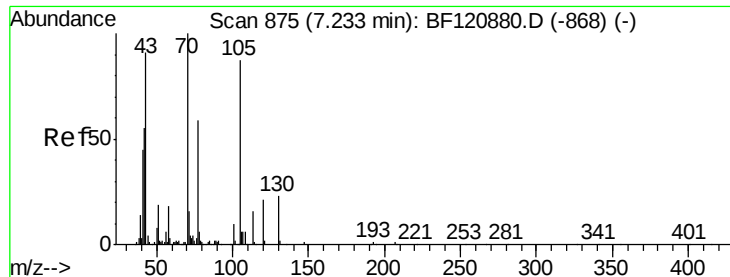
Ion Ratio Lower Upper

94 100

65 33.7 6.6 46.6

66 59.1 13.2 53.2#

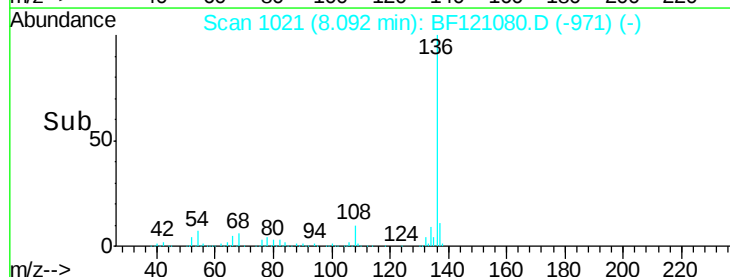
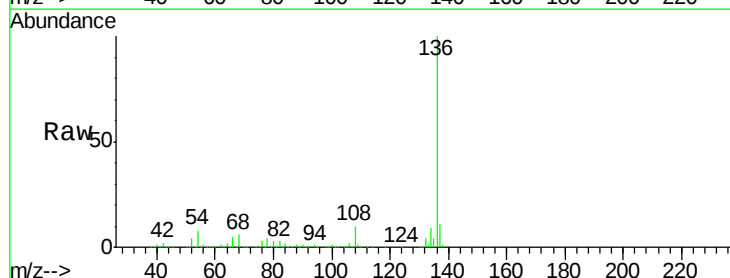
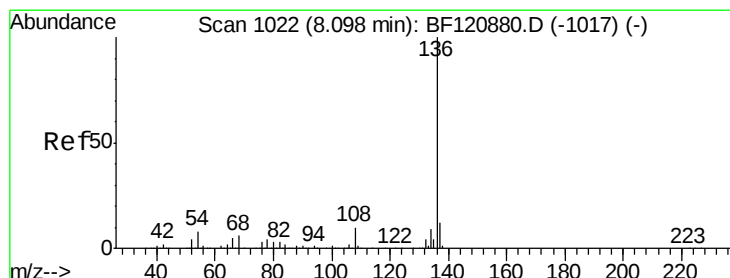
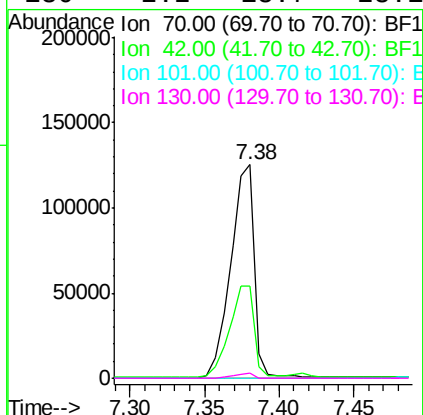




#19
n-Nitroso-di-n-propylamine
Concen: 19.628 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF121080.D
Acq: 28 Jul 2020 20:53

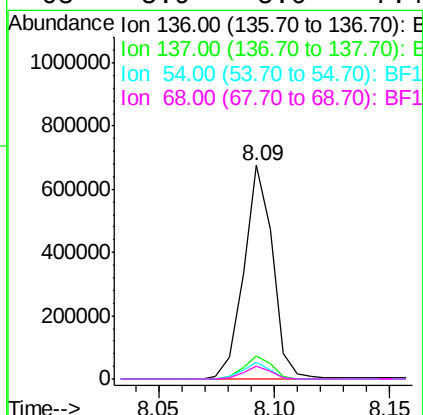
Instrument :
BNA_F
ClientSampleId :
20200441-3002A

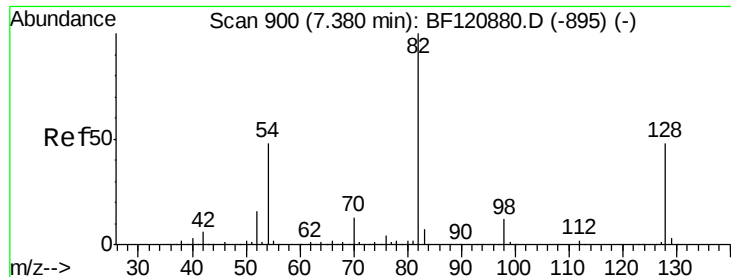
Tot Ion	70	Ratio	Lower	Upper
70	100			
42	43.4	44.0	66.0	
101	0.0	7.8	11.6	
130	2.2	18.7	28.1	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121080.D
Acq: 28 Jul 2020 20:53

Tgt Ion	136	Ratio	Lower	Upper
136	100			
137	11.0	9.3	13.9	
54	7.5	6.3	9.5	
68	5.9	5.0	7.4	

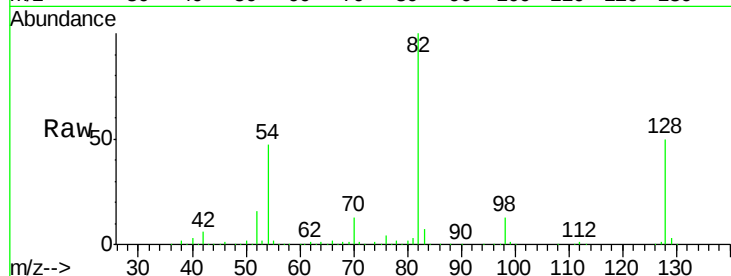




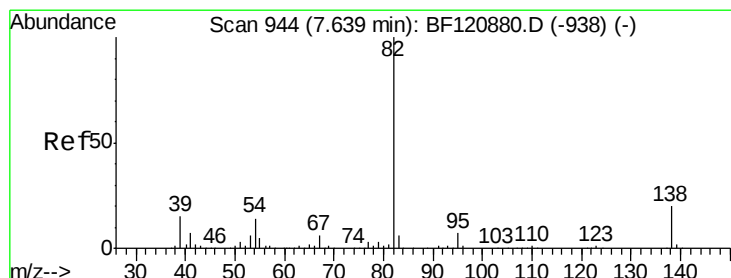
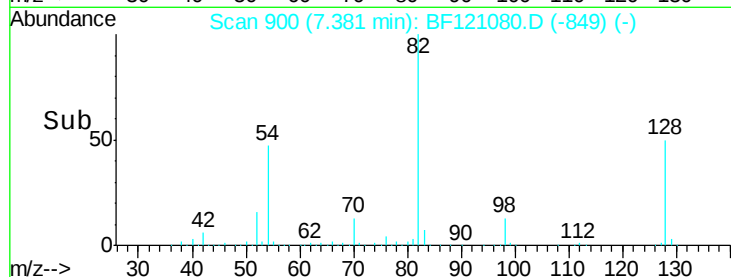
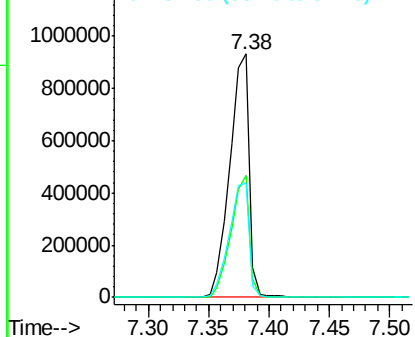
#23
Nitrobenzene-d5
Concen: 102.607 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121080.D
Acq: 28 Jul 2020 20:53

Instrument :
BNA_F
ClientSampleId :
20200441-3002A

Tot Ion: 82 Resp: 1046874
Ion Ratio Lower Upper
82 100
128 50.2 38.2 57.4
54 46.9 38.7 58.1

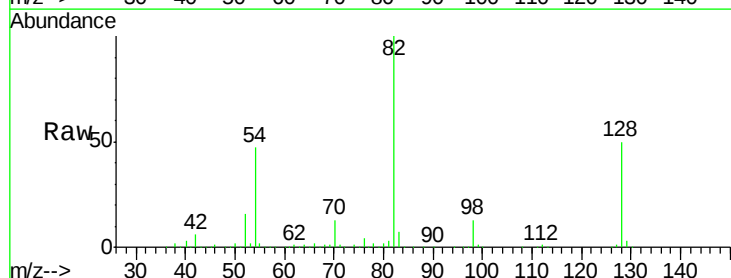


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

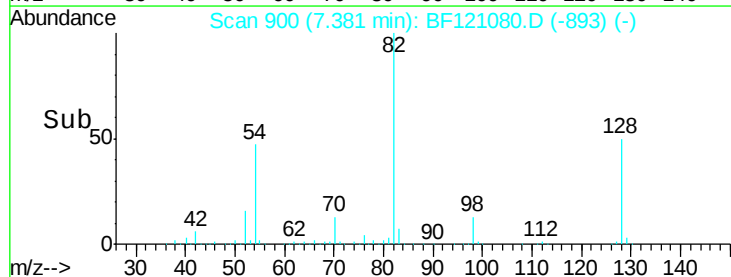
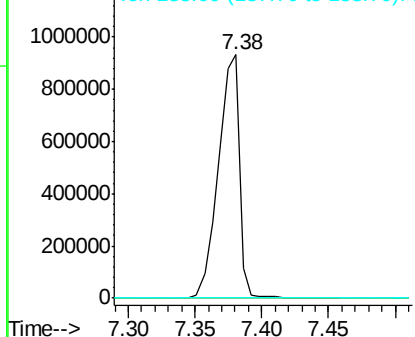


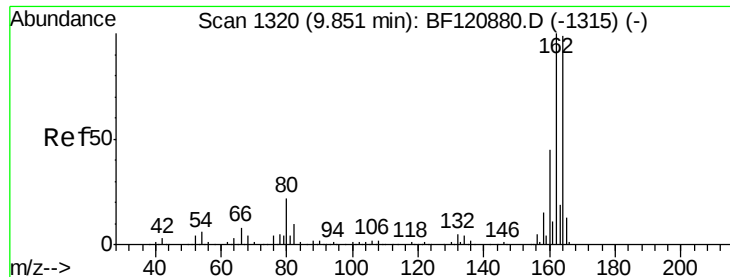
#25
Isophorone
Concen: 51.259 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF121080.D
Acq: 28 Jul 2020 20:53

Tgt Ion: 82 Resp: 1043760
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



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

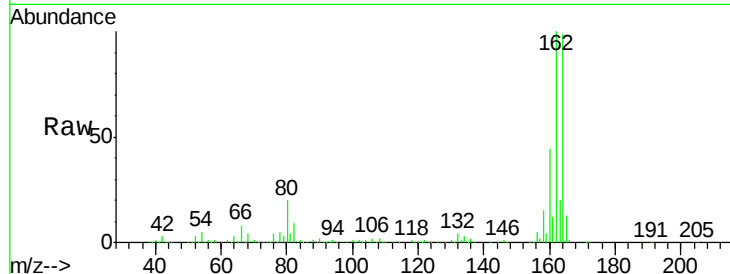




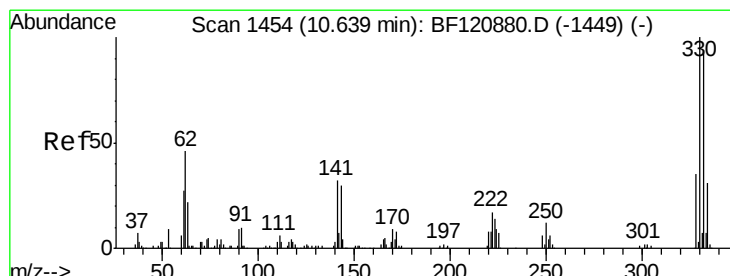
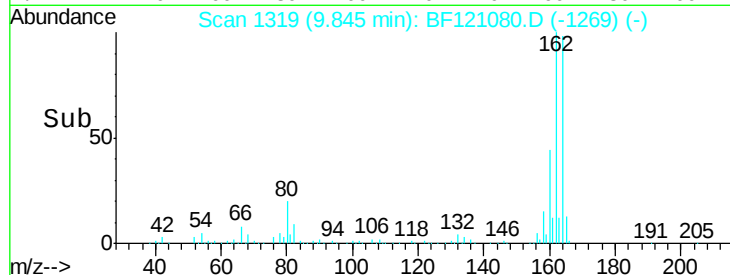
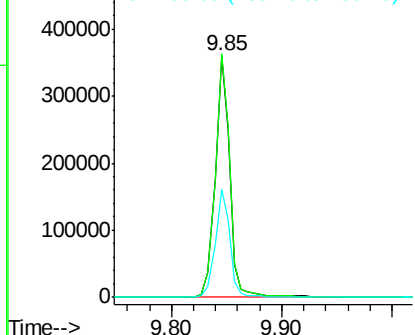
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121080.D
 Acq: 28 Jul 2020 20:53

Instrument :
 BNA_F
 ClientSampleId :
 20200441-3002A

Tot Ion:164 Resp: 326656
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.2 121.8
 160 44.6 36.9 55.3

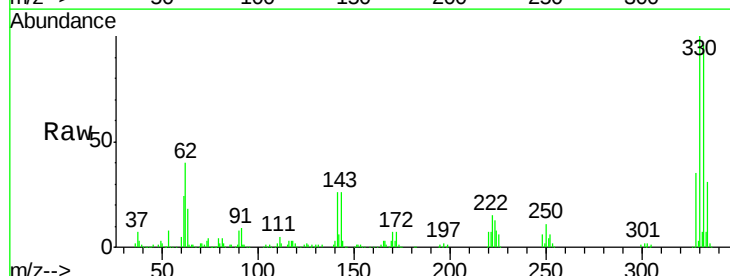


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

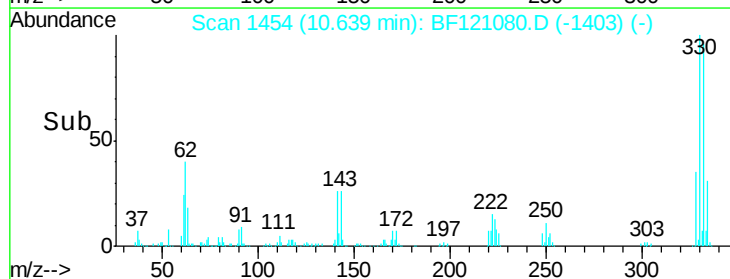
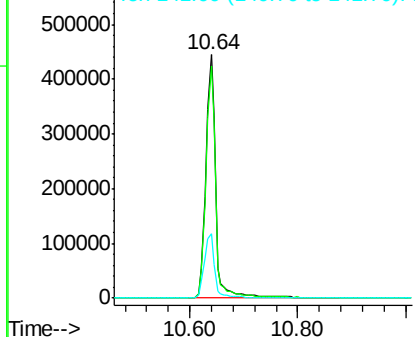


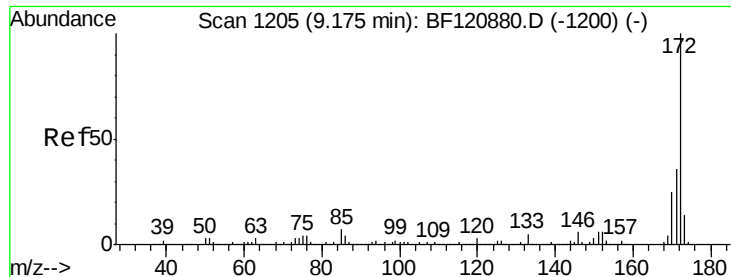
#42
 2,4,6-Tribromophenol
 Concen: 158.021 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121080.D
 Acq: 28 Jul 2020 20:53

Tgt Ion:330 Resp: 565016
 Ion Ratio Lower Upper
 330 100
 332 94.3 75.5 113.3
 141 28.3 25.7 38.5



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

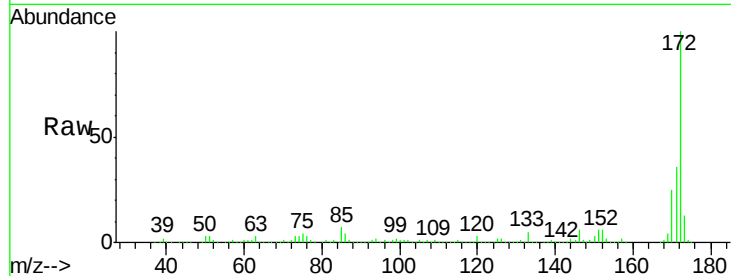




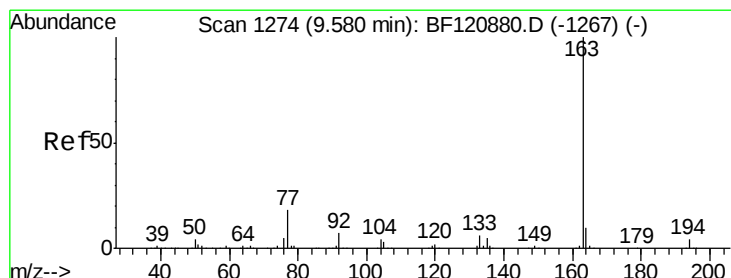
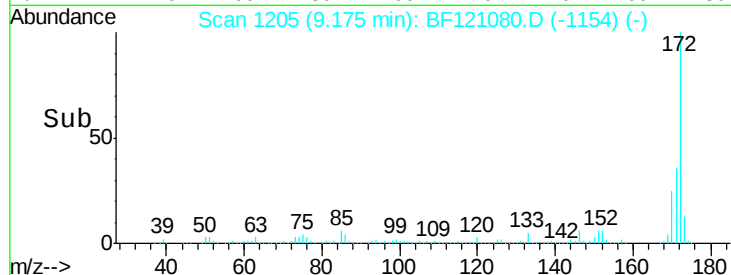
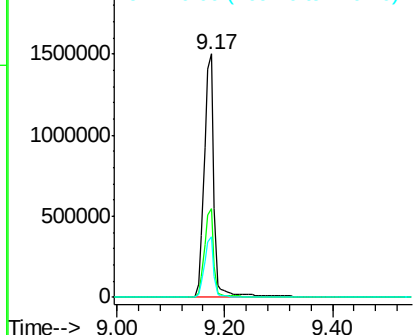
#45
2-Fluorobiphenyl
Concen: 86.652 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121080.D
Acq: 28 Jul 2020 20:53

Instrument :
BNA_F
ClientSampleId :
20200441-3002A

Tot Ion:172 Resp: 1895820
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.6 19.6 29.4

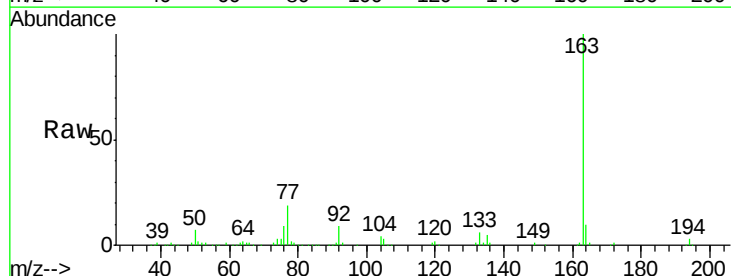


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

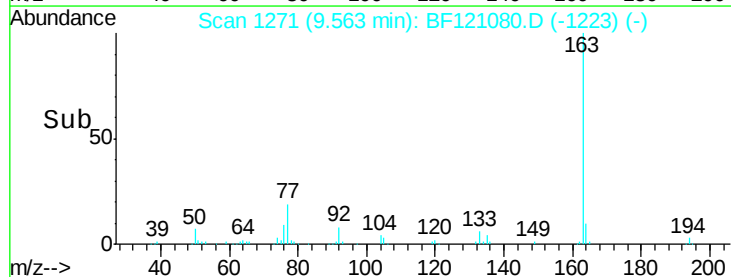
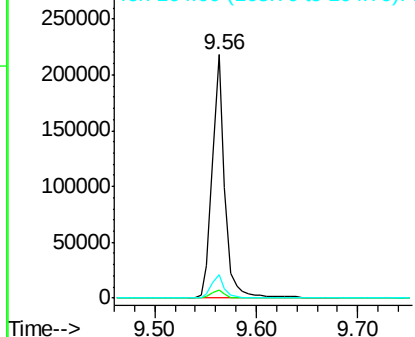


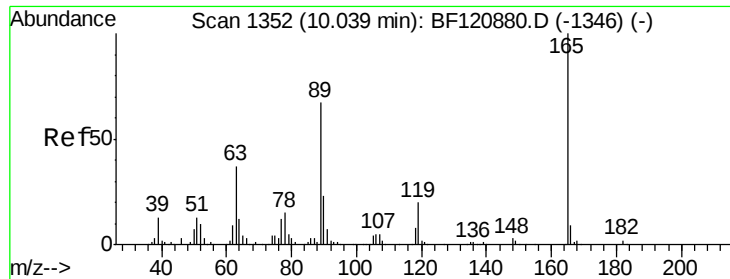
#50
Dimethylphthalate
Concen: 8.032 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121080.D
Acq: 28 Jul 2020 20:53

Tgt Ion:163 Resp: 189284
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 9.6 7.9 11.9



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

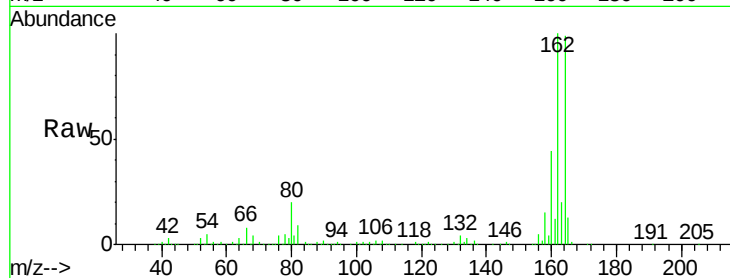




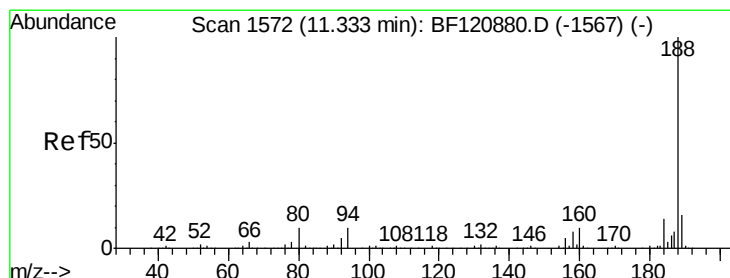
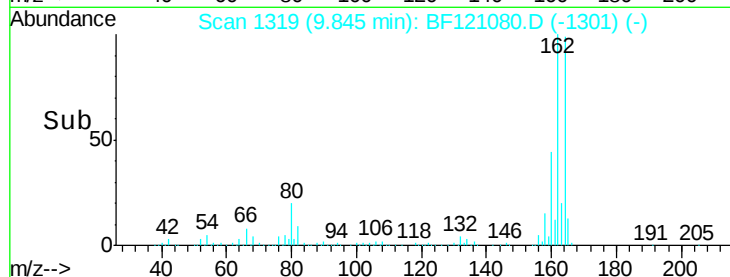
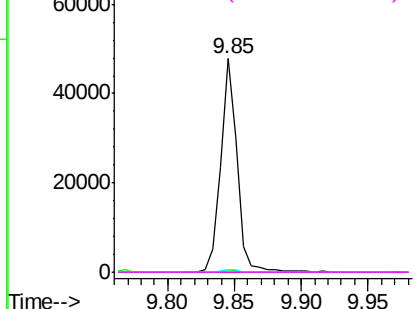
#57
 2,4-Dinitrotoluene
 Concen: 6.293 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF121080.D
 Acq: 28 Jul 2020 20:53

Instrument :
 BNA_F
 ClientSampleId :
 20200441-3002A

Tot Ion:165 Resp: 41842
 Ion Ratio Lower Upper
 165 100
 63 1.5 29.4 44.2#
 89 1.0 53.4 80.0#
 182 0.0 1.8 2.6#

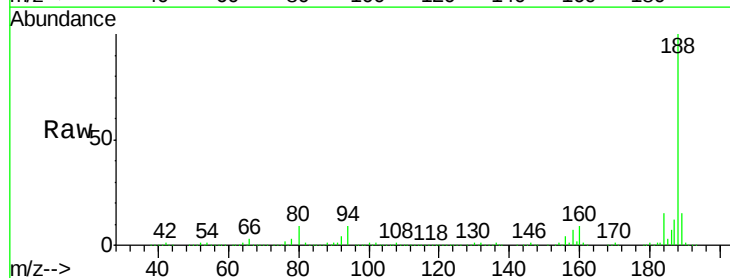


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

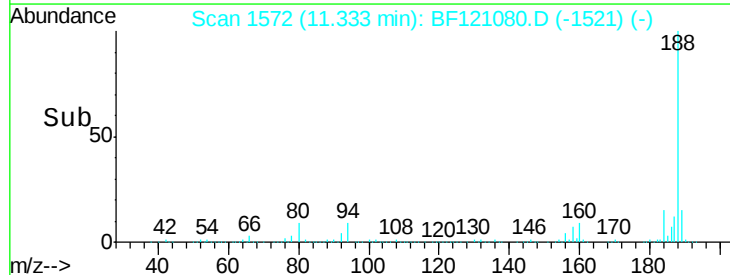
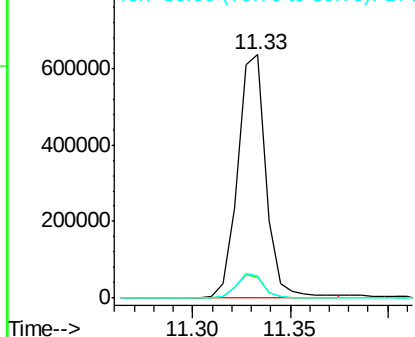


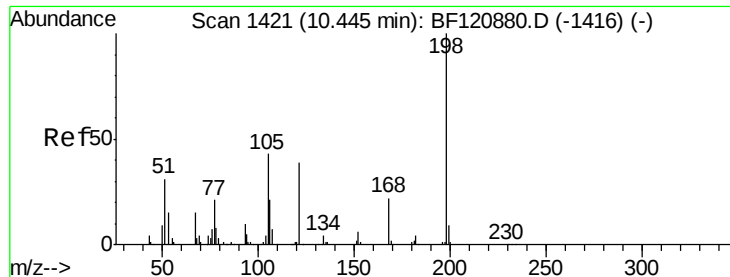
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF121080.D
 Acq: 28 Jul 2020 20:53

Tgt Ion:188 Resp: 640742
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.0 12.0
 80 8.9 8.3 12.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 4.092 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.19 min

Lab File: BF121080.D

Acq: 28 Jul 2020 20:53

Instrument :

BNA_F

ClientSampleId :

20200441-3002A

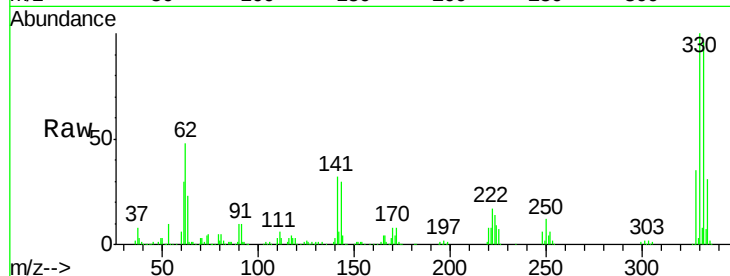
Tot Ion:198 Resp: 1007

Ion Ratio Lower Upper

198 100

51 163.1 19.5 59.5#

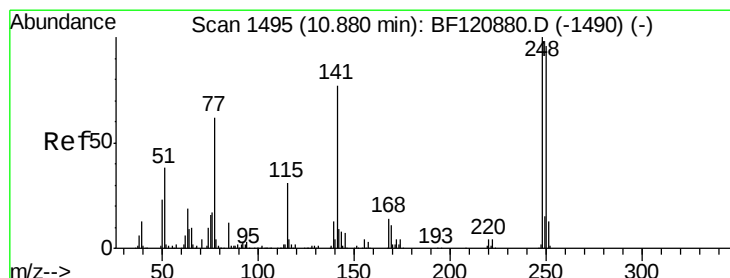
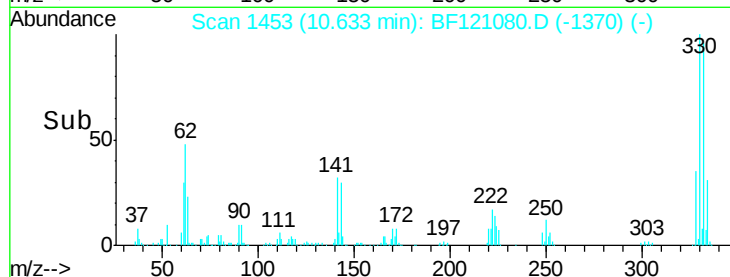
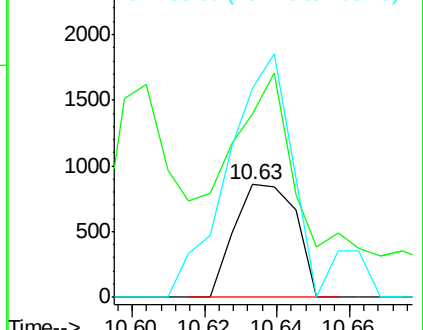
105 184.8 24.4 64.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 4.475 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.24 min

Lab File: BF121080.D

Acq: 28 Jul 2020 20:53

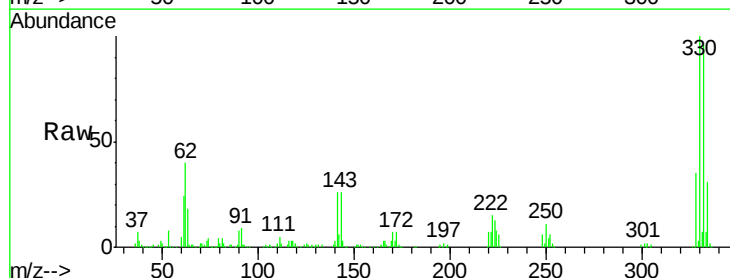
Tgt Ion:248 Resp: 31970

Ion Ratio Lower Upper

248 100

250 196.1 77.1 115.7#

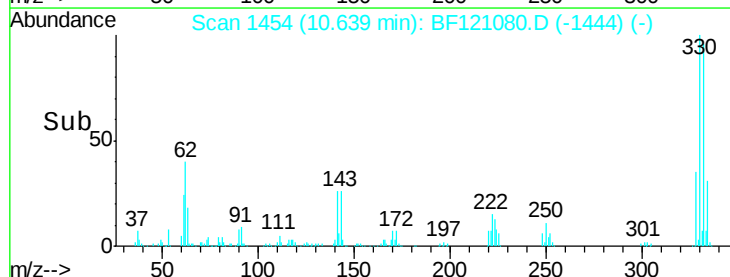
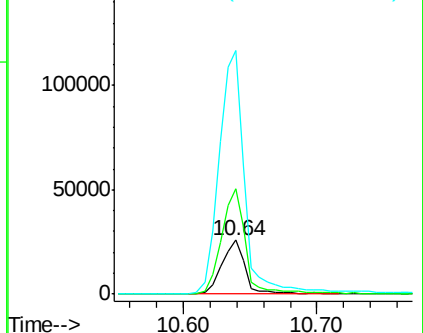
141 453.6 61.2 91.8#



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121080.D

Acq: 28 Jul 2020 20:53

Instrument :

BNA_F

ClientSampleId :

20200441-3002A

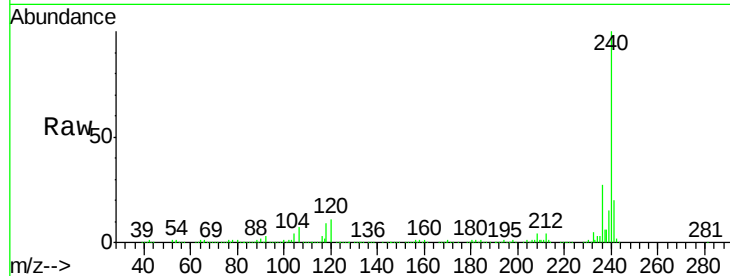
Tot Ion:240 Resp: 635979

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.4

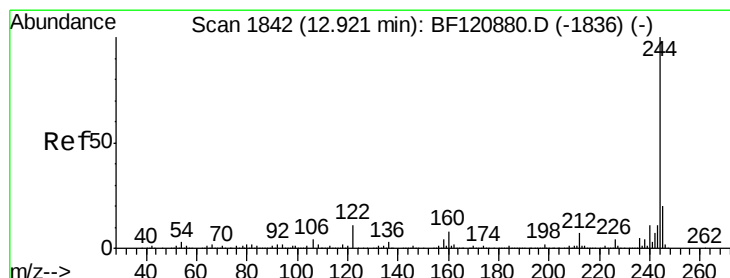
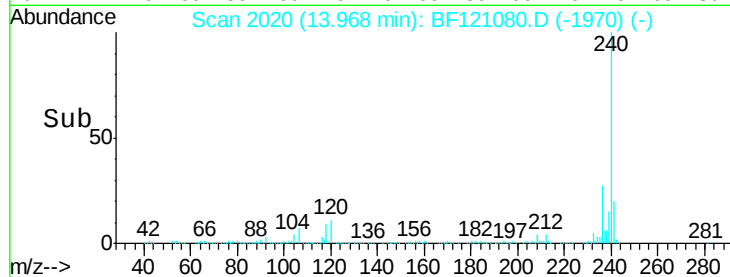
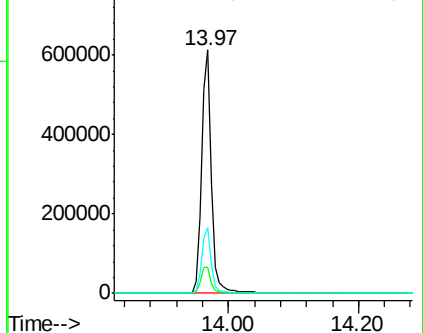
236 26.9 21.7 32.5



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: 72.463 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121080.D

Acq: 28 Jul 2020 20:53

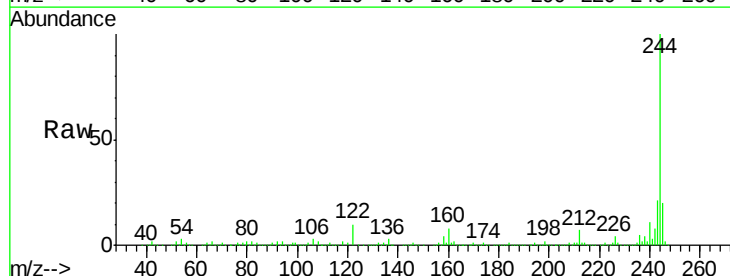
Tgt Ion:244 Resp: 2120040

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

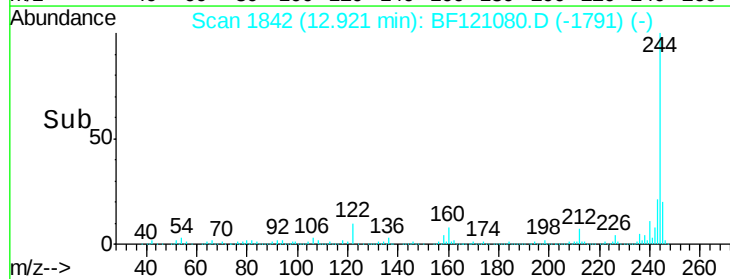
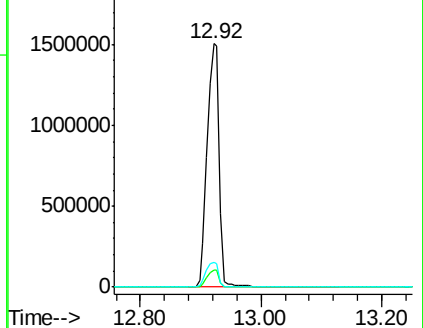
122 10.1 8.9 13.3

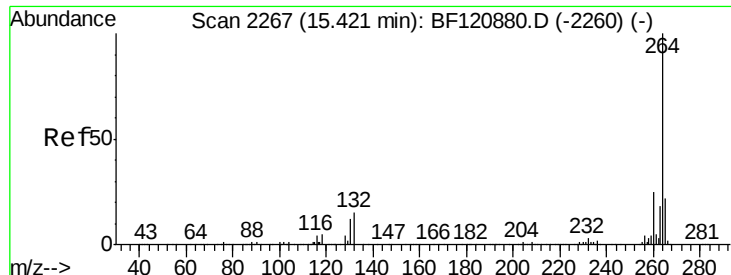


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

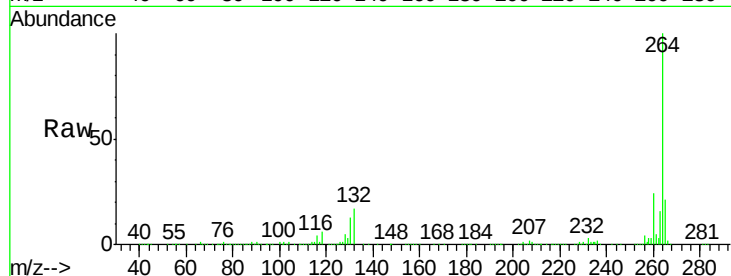




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF121080.D
 Acq: 28 Jul 2020 20:53

Instrument :
 BNA_F
 ClientSampleId :
 20200441-3002A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.0	30.0
265	21.0	17.4	26.2



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

