

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121079.D
 Acq On : 28 Jul 2020 20:21
 Operator : JU/CG
 Sample : L3439-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200439-3001B

Quant Time: Jul 29 00:46:32 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	151579	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	582263	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	308779	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	617612	20.00	ng	0.00
76) Chrysene-d12	13.97	240	602428	20.00	ng	0.00
86) Perylene-d12	15.42	264	640469	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	998652	108.01	ng	0.01
7) Phenol-d6	6.45	99	1083647	90.73	ng	0.00
23) Nitrobenzene-d5	7.37	82	827049	82.19	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	457509	135.36	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1557160	75.29	ng	0.00
79) Terphenyl-d14	12.92	244	1783749	64.36	ng	0.00

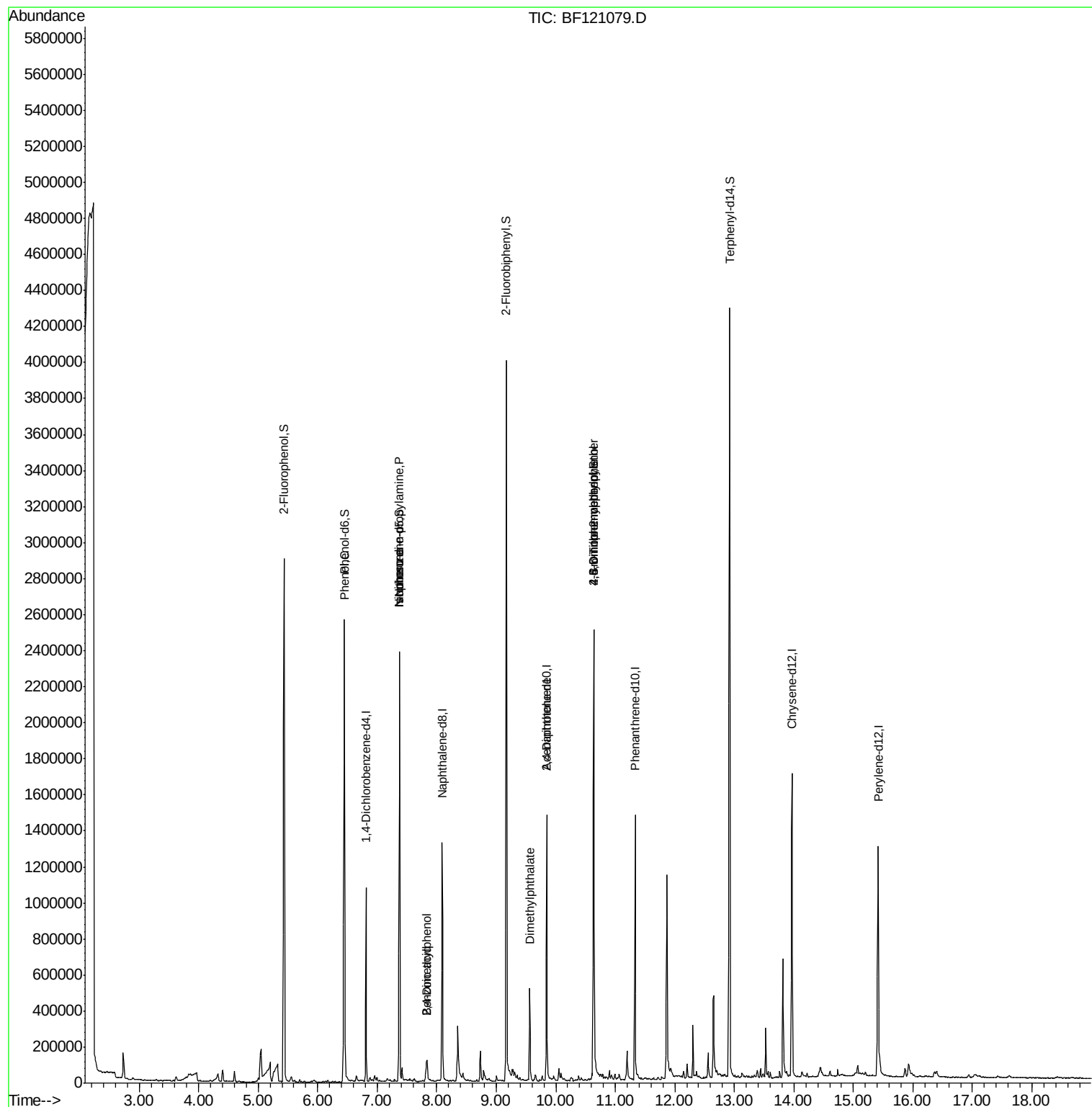
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.36	77	565	Below Cal		91
10) Phenol	6.46	94	73225	5.573	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	109963	16.191	ng	# 77
25) Isophorone	7.37	82	827043	41.181	ng	# 63
27) 2,4-Dimethylphenol	7.83	122	31024	3.710	ng	# 4
32) Benzoic acid	7.83	122	31024	4.942	ng	97
50) Dimethylphthalate	9.56	163	208503	9.360	ng	100
57) 2,4-Dinitrotoluene	9.85	165	38713	6.160	ng	# 28
65) 4,6-Dinitro-2-methylphenol	10.63	198	695	4.021	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	26024	3.779	ng	# 1

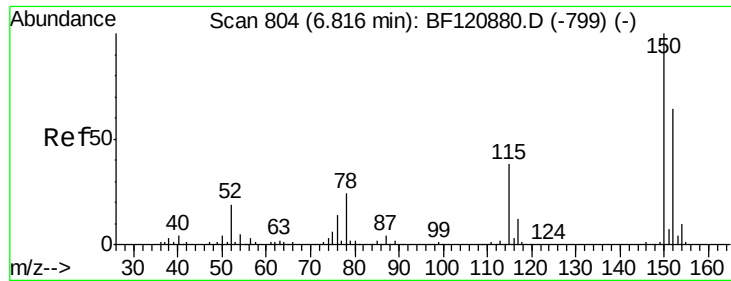
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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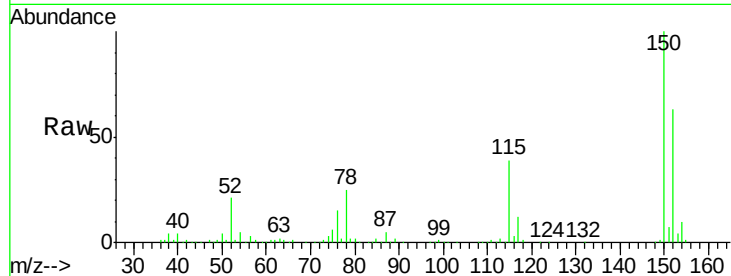


#1

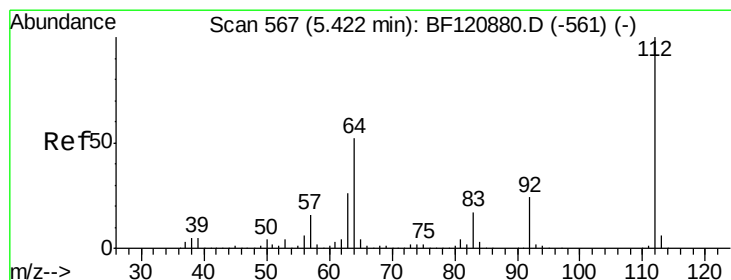
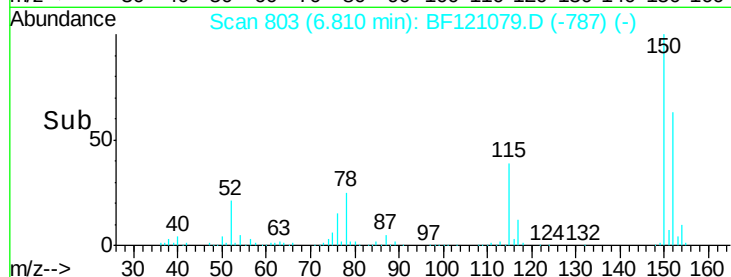
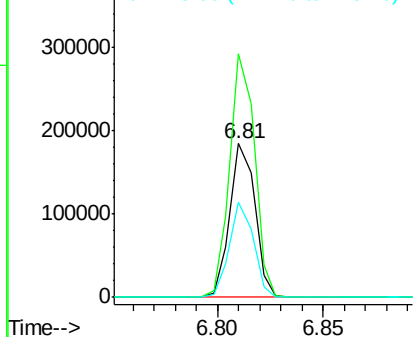
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121079.D
Acq: 28 Jul 2020 20:21

Instrument :
BNA_F
ClientSampleId :
20200439-3001B

Tot Ion:152 Resp: 151579
Ion Ratio Lower Upper
152 100
150 158.6 125.0 187.6
115 61.6 47.0 70.4



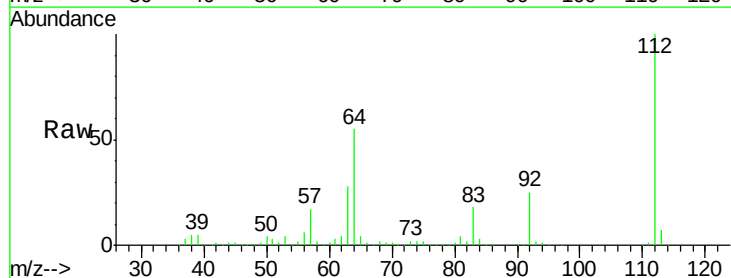
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



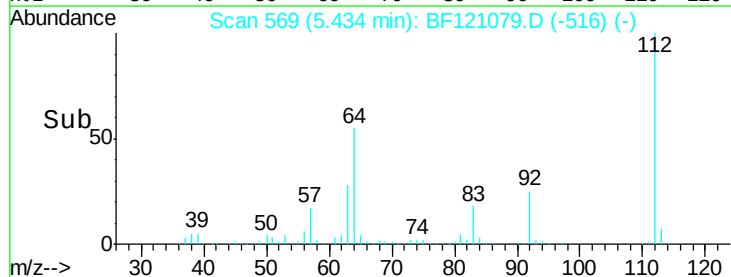
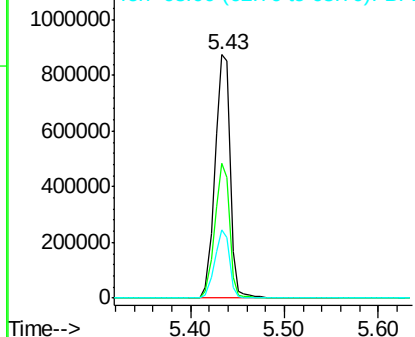
#5

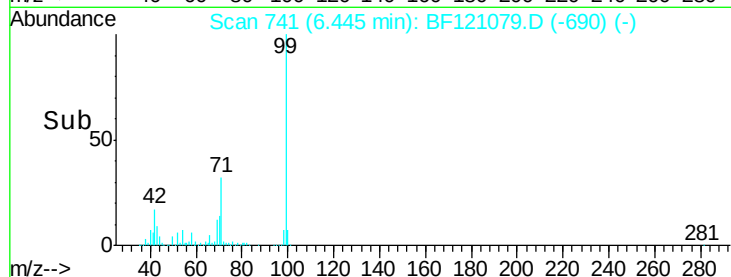
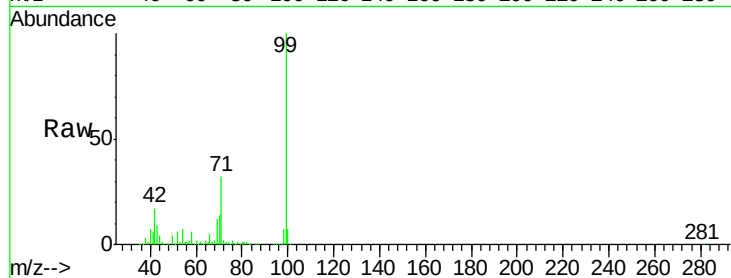
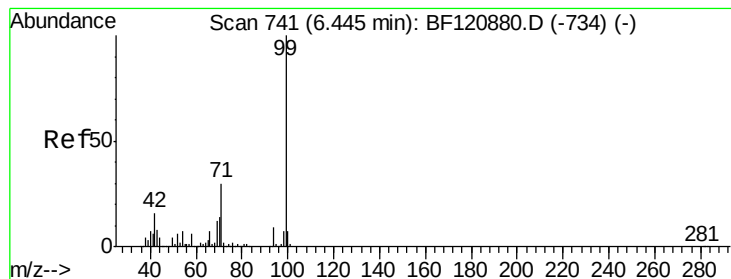
2-Fluorophenol
Concen: 108.006 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121079.D
Acq: 28 Jul 2020 20:21

Tgt Ion:112 Resp: 998652
Ion Ratio Lower Upper
112 100
64 55.4 41.3 61.9
63 28.2 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: 90.729 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121079.D

Acq: 28 Jul 2020 20:21

Instrument :

BNA_F

ClientSampleId :

20200439-3001B

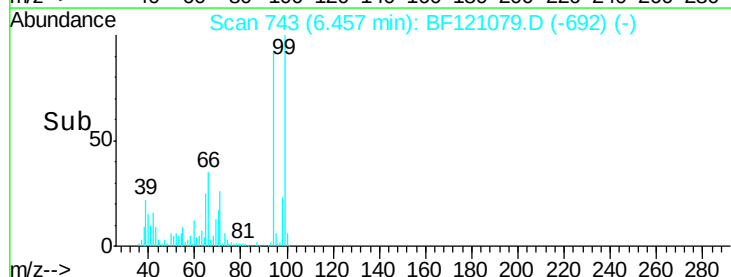
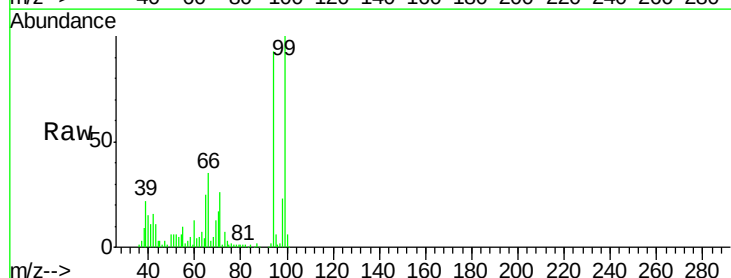
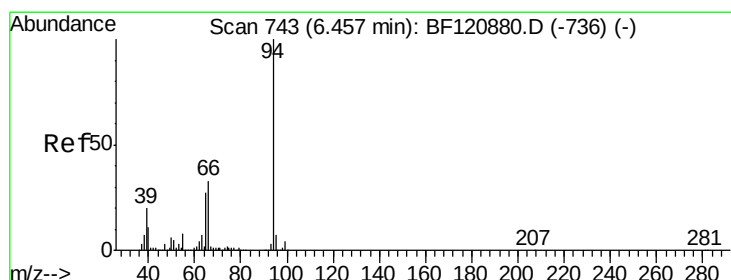
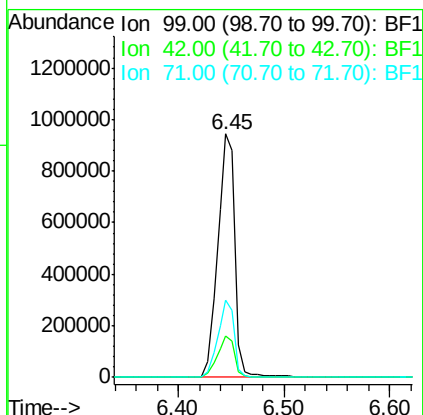
Tot Ion: 99 Resp: 1083647

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 31.6 24.2 36.4



#10

Phenol

Concen: 5.573 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF121079.D

Acq: 28 Jul 2020 20:21

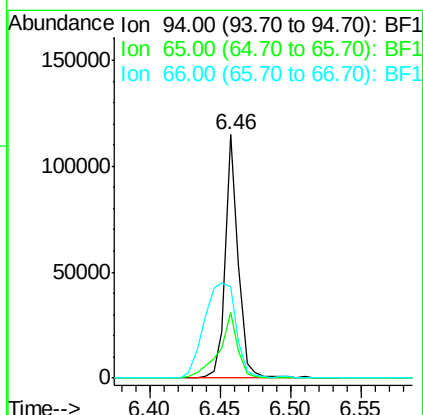
Tgt Ion: 94 Resp: 73225

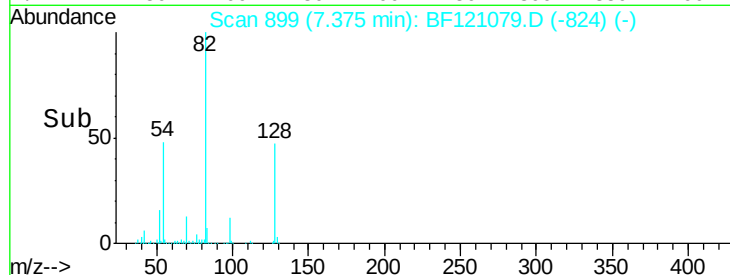
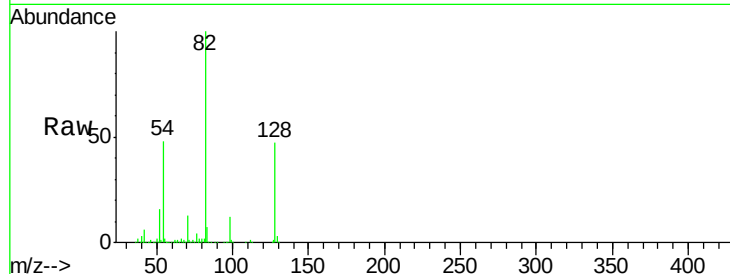
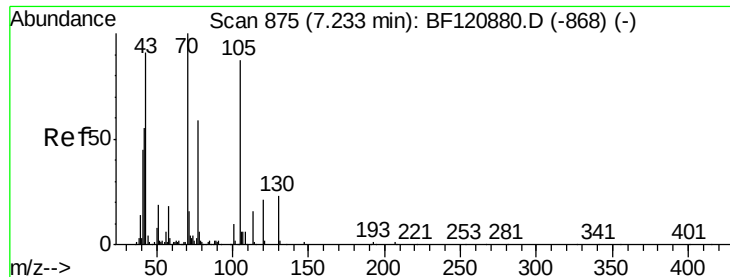
Ion Ratio Lower Upper

94 100

65 26.9 6.6 46.6

66 37.7 13.2 53.2

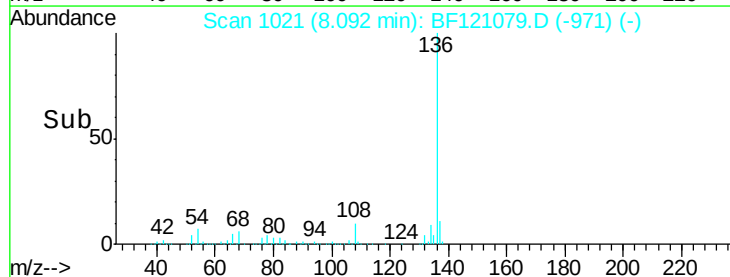
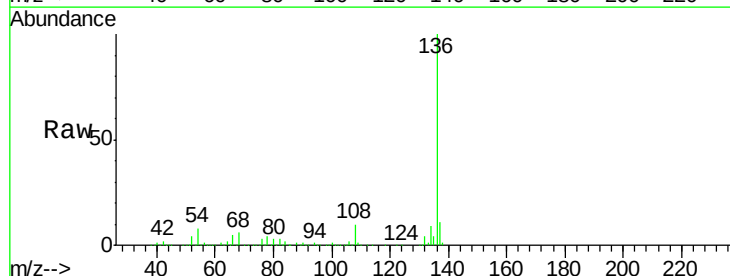
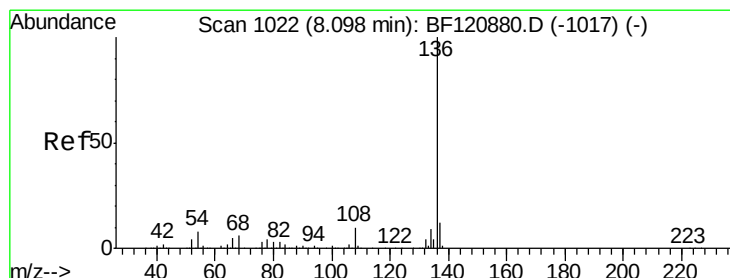
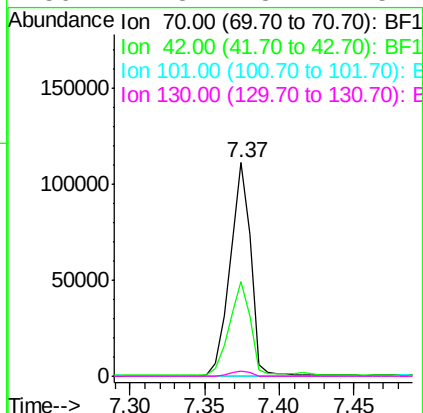




#19
n-Nitroso-di-n-propylamine
Concen: 16.191 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF121079.D
Acq: 28 Jul 2020 20:21

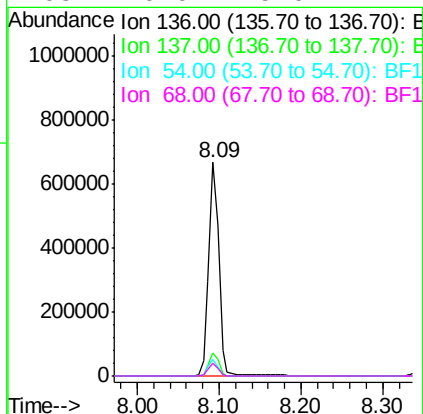
Instrument :
BNA_F
ClientSampleId :
20200439-3001B

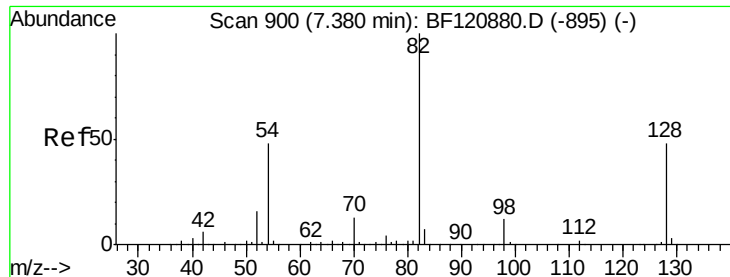
Tot Ion:	70	Resp:	109963
Ion	Ratio	Lower	Upper
70	100		
42	44.7	44.0	66.0
101	0.0	7.8	11.6#
130	2.3	18.7	28.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121079.D
Acq: 28 Jul 2020 20:21

Tgt Ion:	136	Resp:	582263
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	7.6	6.3	9.5
68	6.0	5.0	7.4

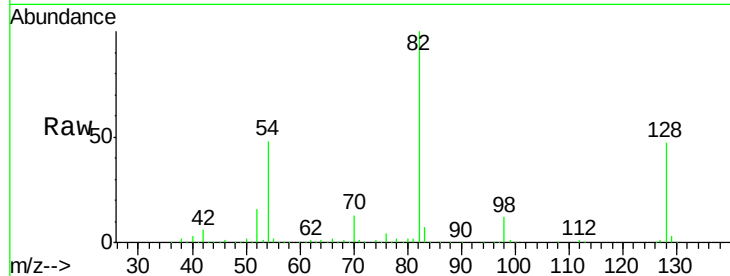




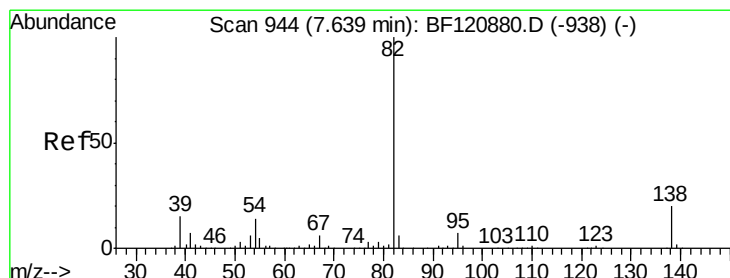
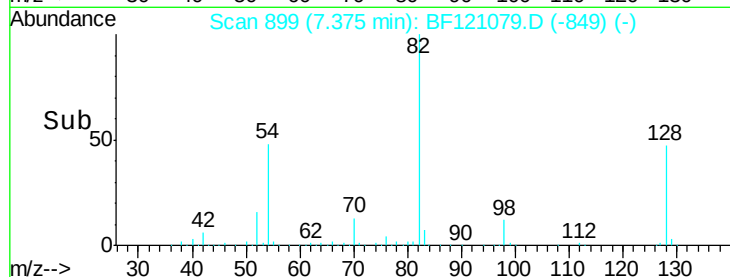
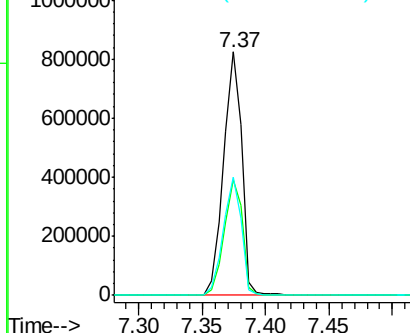
#23
Nitrobenzene-d5
Concen: 82.189 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121079.D
Acq: 28 Jul 2020 20:21

Instrument :
BNA_F
ClientSampleId :
20200439-3001B

Tot Ion: 82 Resp: 827049
Ion Ratio Lower Upper
82 100
128 47.3 38.2 57.4
54 48.5 38.7 58.1

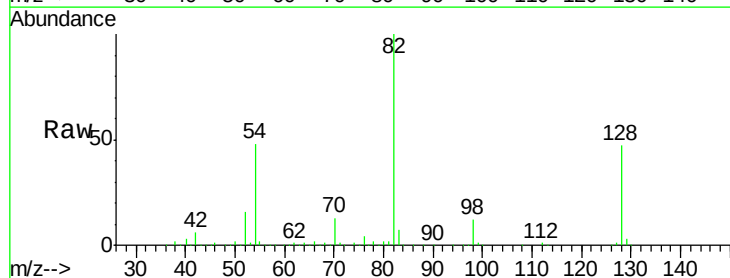


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

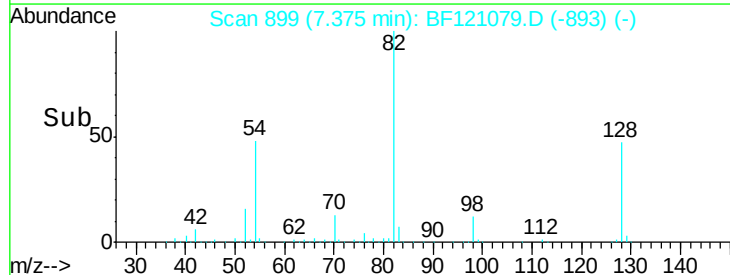
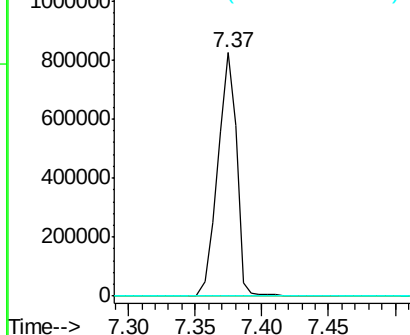


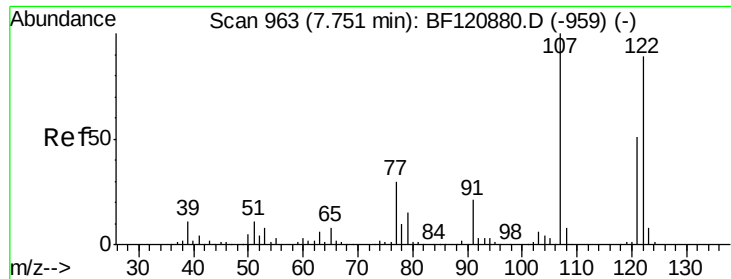
#25
Isophorone
Concen: 41.181 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF121079.D
Acq: 28 Jul 2020 20:21

Tgt Ion: 82 Resp: 827043
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

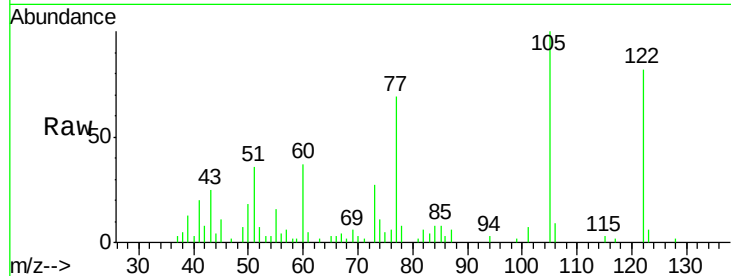




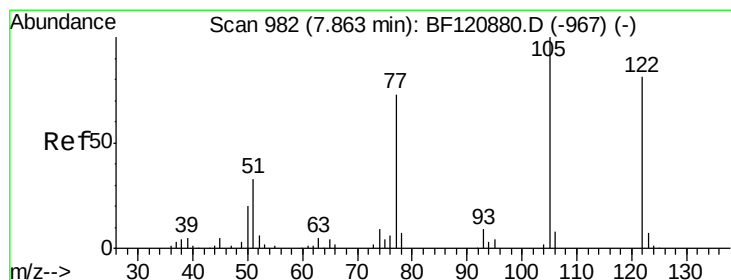
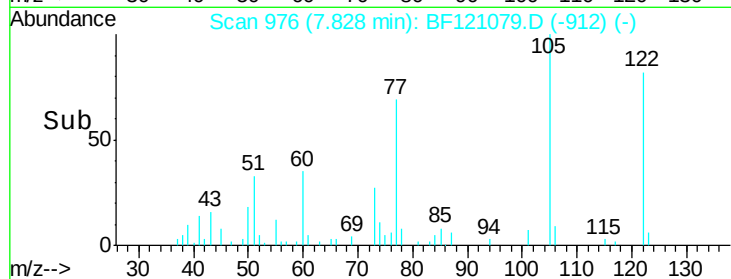
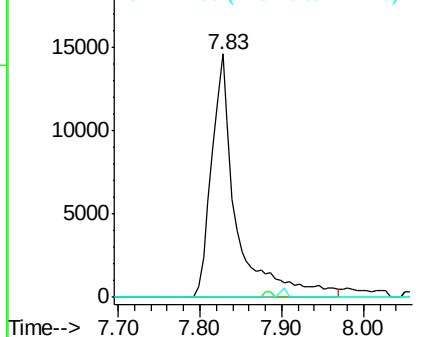
#27
2,4-Dimethylphenol
Concen: 3.710 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.08 min
Lab File: BF121079.D
Acq: 28 Jul 2020 20:21

Instrument :
BNA_F
ClientSampleId :
20200439-3001B

Tot Ion:122 Resp: 31024
Ion Ratio Lower Upper
122 100
107 0.0 89.4 134.0#
121 0.0 46.0 69.0#

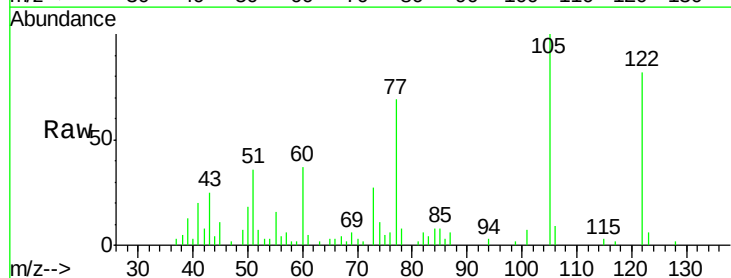


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

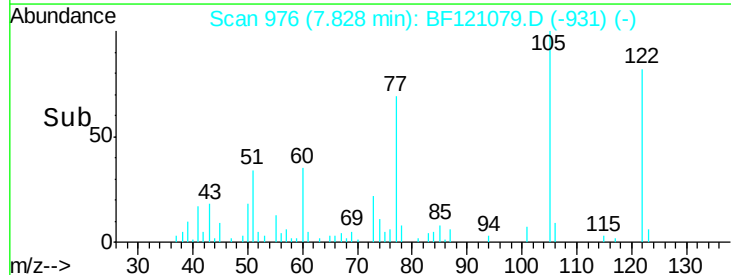
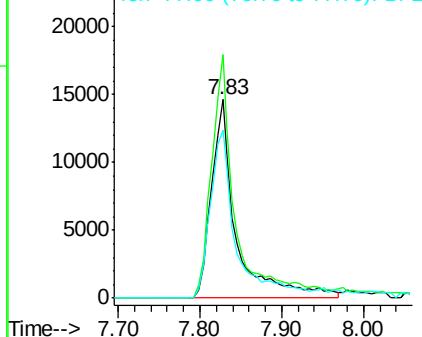


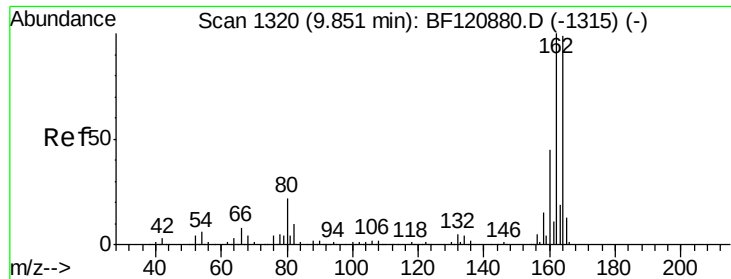
#32
Benzoic acid
Concen: 4.942 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.04 min
Lab File: BF121079.D
Acq: 28 Jul 2020 20:21

Tgt Ion:122 Resp: 31024
Ion Ratio Lower Upper
122 100
105 122.7 101.3 141.3
77 84.5 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

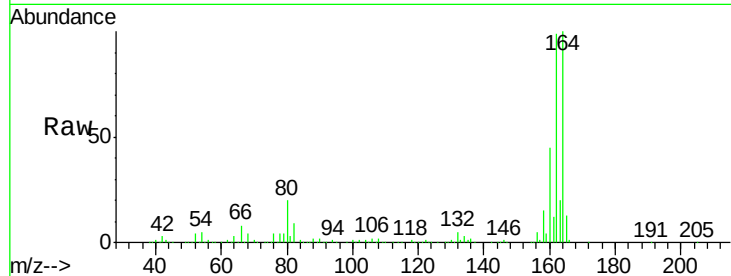




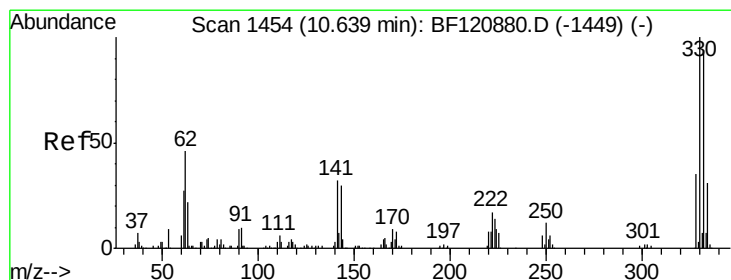
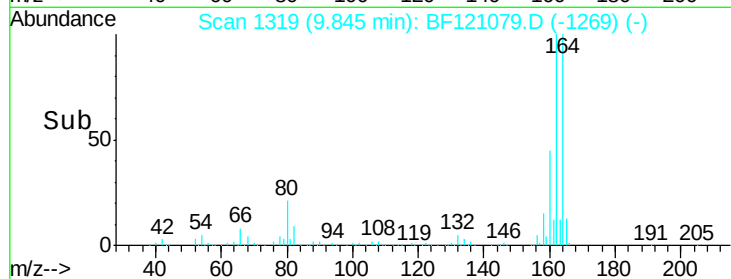
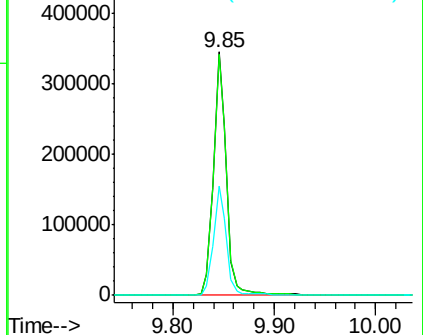
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121079.D
Acq: 28 Jul 2020 20:21

Instrument :
BNA_F
ClientSampleId :
20200439-3001B

Tot Ion:164 Resp: 308779
Ion Ratio Lower Upper
164 100
162 99.0 81.2 121.8
160 45.0 36.9 55.3

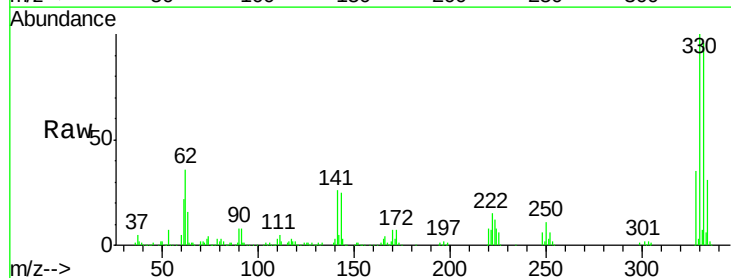


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

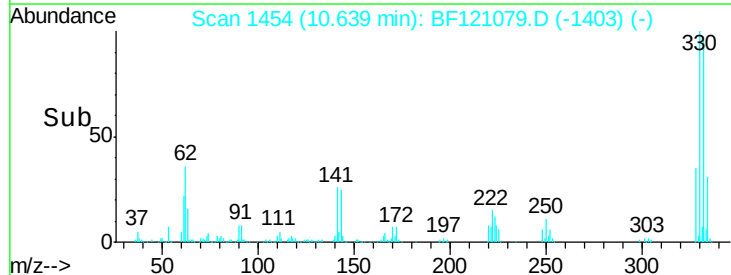
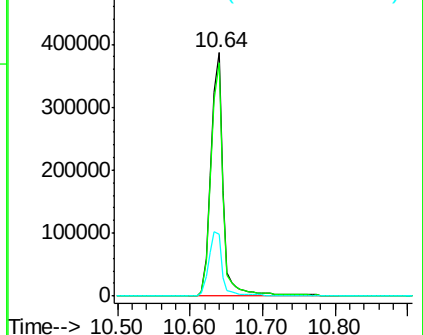


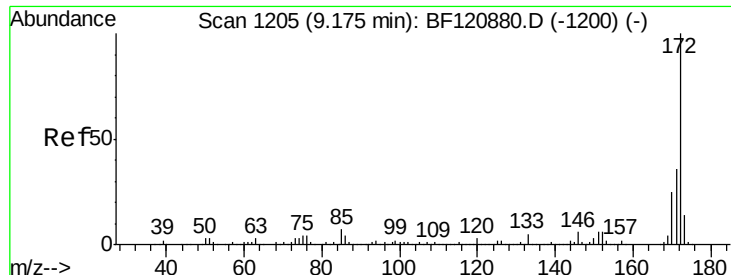
#42
2,4,6-Tribromophenol
Concen: 135.362 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF121079.D
Acq: 28 Jul 2020 20:21

Tgt Ion:330 Resp: 457509
Ion Ratio Lower Upper
330 100
332 97.2 75.5 113.3
141 29.6 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

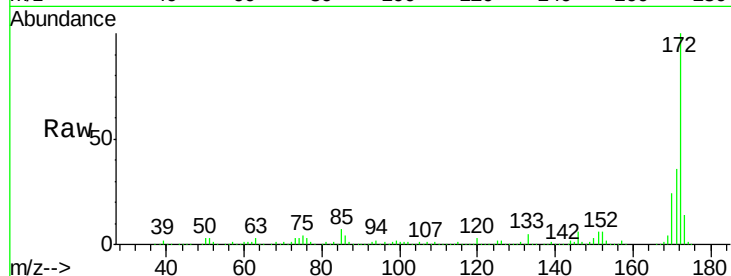




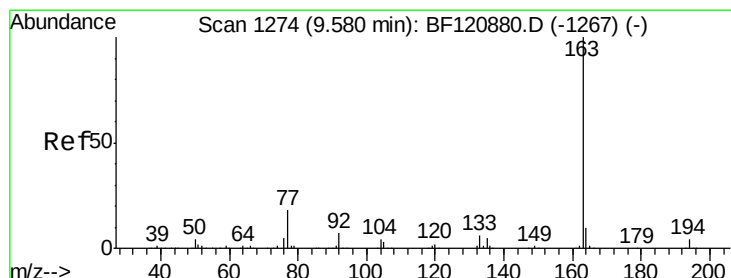
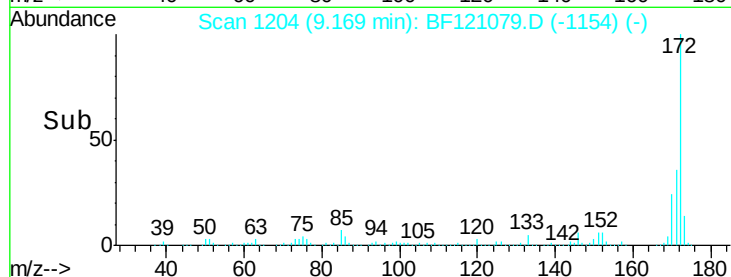
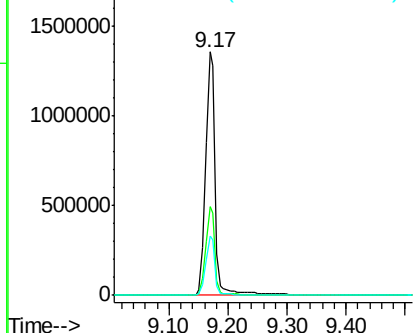
#45
2-Fluorobiphenyl
Concen: 75.294 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF121079.D
Acq: 28 Jul 2020 20:21

Instrument :
BNA_F
ClientSampleId :
20200439-3001B

Tot Ion:172 Resp: 1557160
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.5 19.6 29.4

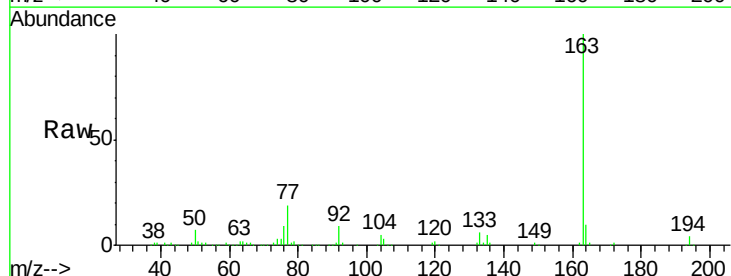


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

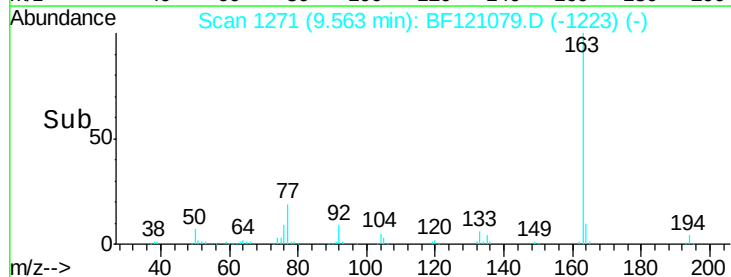
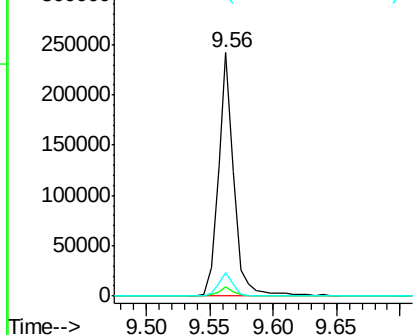


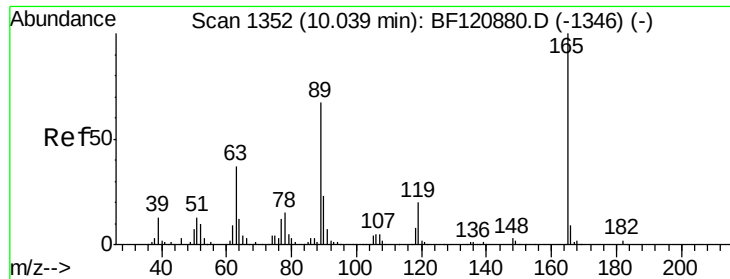
#50
Dimethylphthalate
Concen: 9.360 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121079.D
Acq: 28 Jul 2020 20:21

Tgt Ion:163 Resp: 208503
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.8 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

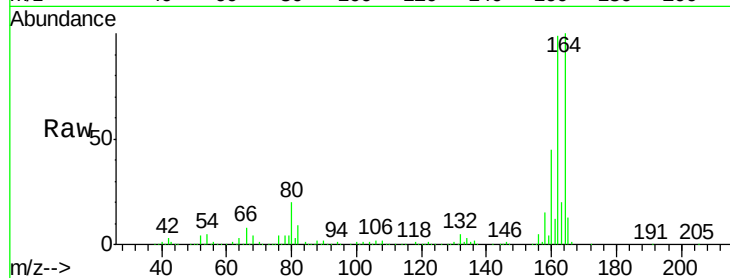




#57
 2,4-Dinitrotoluene
 Concen: 6.160 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF121079.D
 Acq: 28 Jul 2020 20:21

Instrument :
 BNA_F
 ClientSampleId :
 20200439-3001B

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.4	44.2#
89	1.9	53.4	80.0#
182	0.0	1.8	2.6#

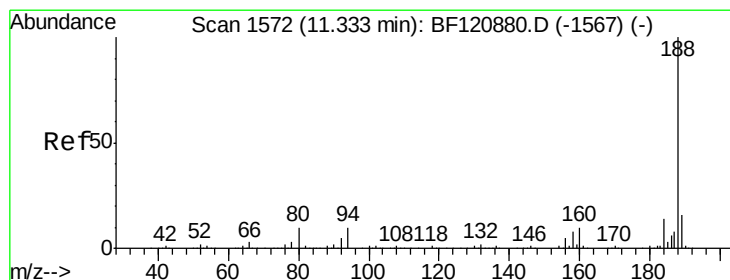
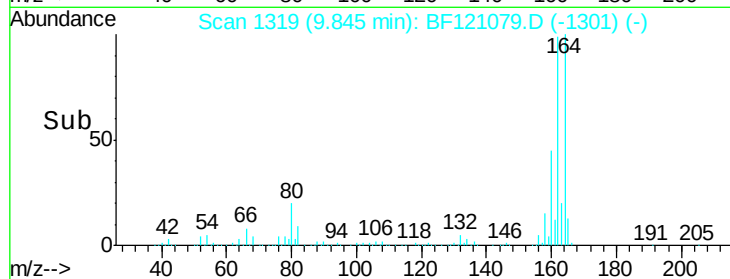
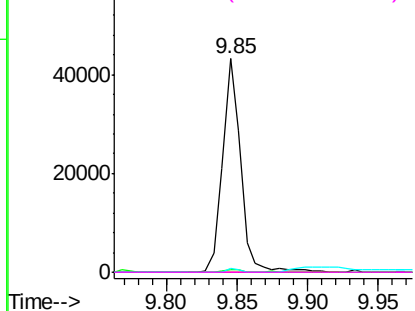


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

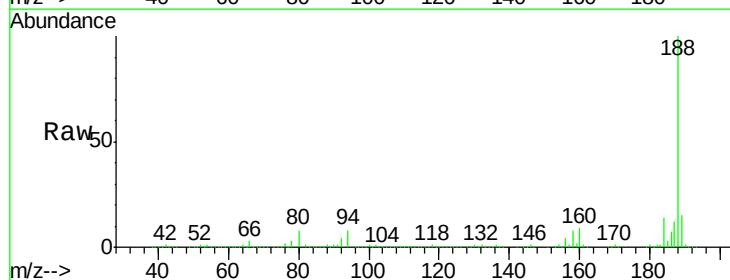
Ion 89.00 (88.70 to 89.70): BF1

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: BF121079.D
 Acq: 28 Jul 2020 20:21

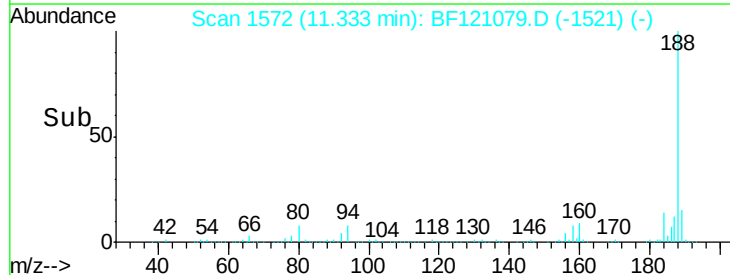
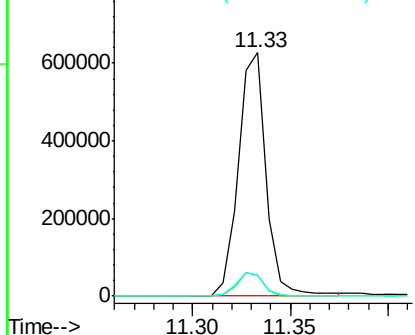
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.0	12.0
80	8.4	8.3	12.5

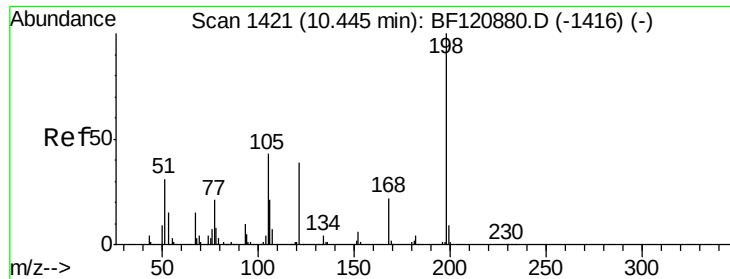


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

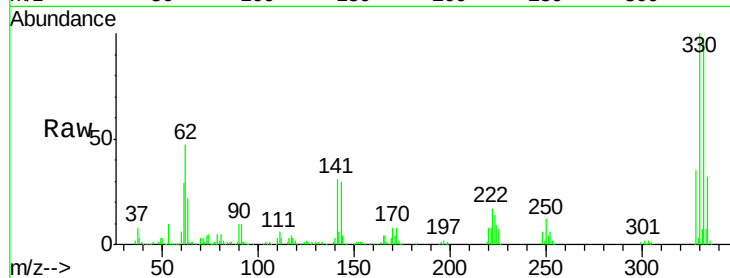




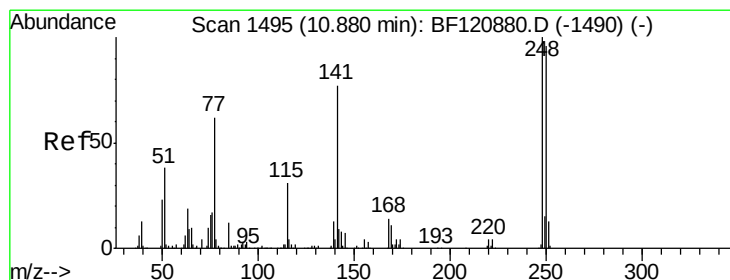
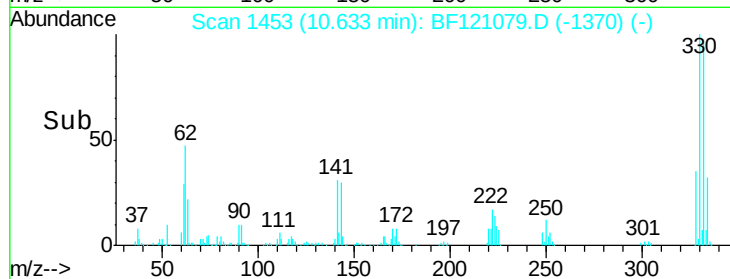
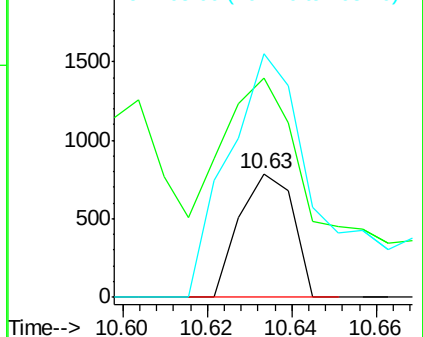
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.021 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF121079.D
 Acq: 28 Jul 2020 20:21

Instrument :
 BNA_F
 ClientSampleId :
 20200439-3001B

Tot Ion:198 Resp: 695
 Ion Ratio Lower Upper
 198 100
 51 177.2 19.5 59.5#
 105 197.2 24.4 64.4#

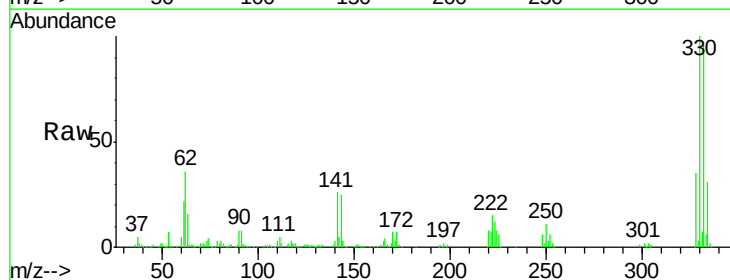


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

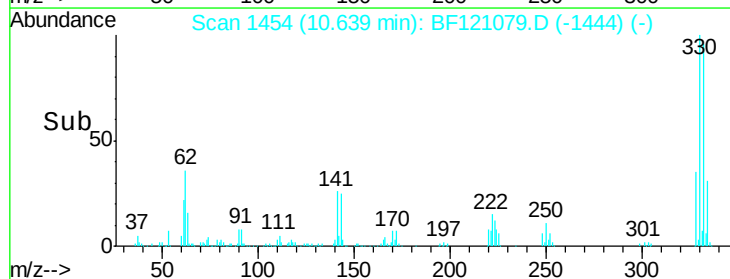
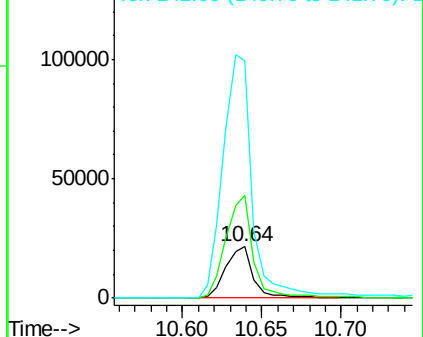


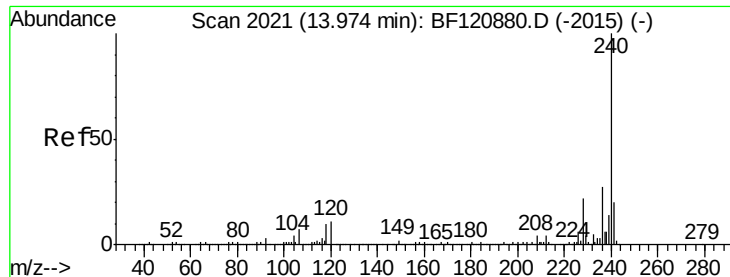
#67
 4-Bromophenyl-phenylether
 Concen: 3.779 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF121079.D
 Acq: 28 Jul 2020 20:21

Tgt Ion:248 Resp: 26024
 Ion Ratio Lower Upper
 248 100
 250 199.4 77.1 115.7#
 141 459.9 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

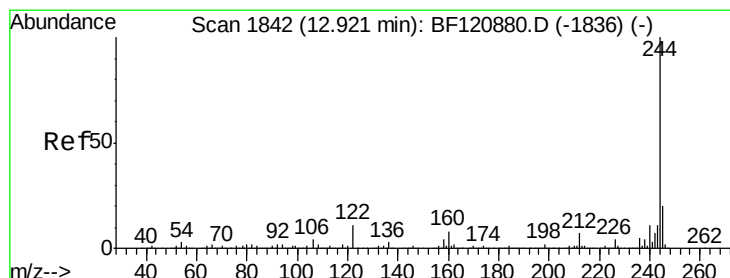
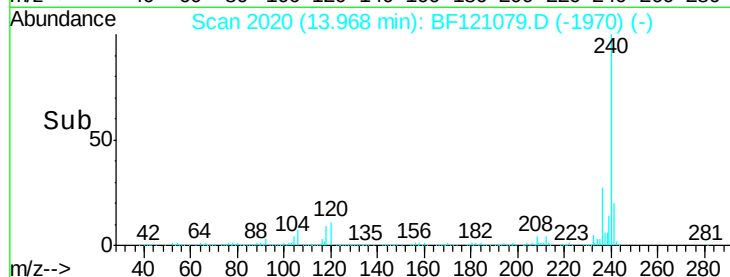
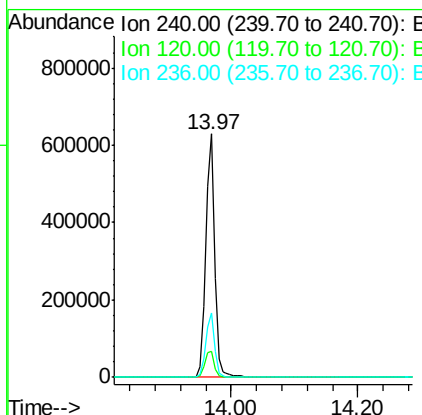
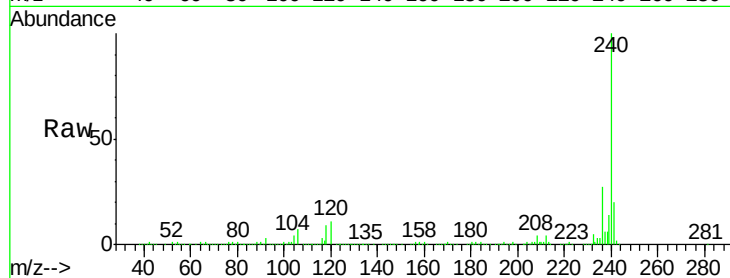




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121079.D
Acq: 28 Jul 2020 20:21

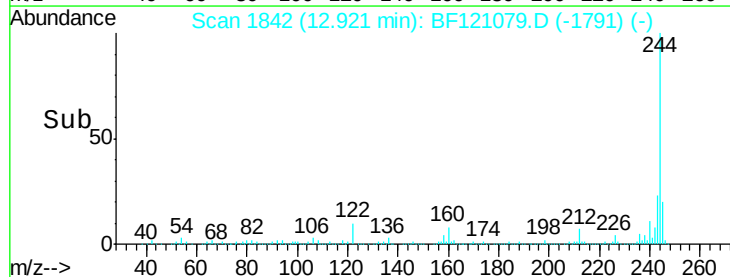
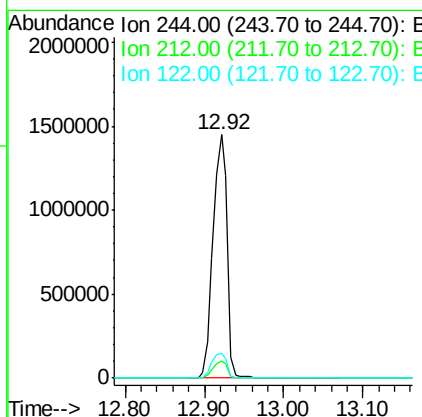
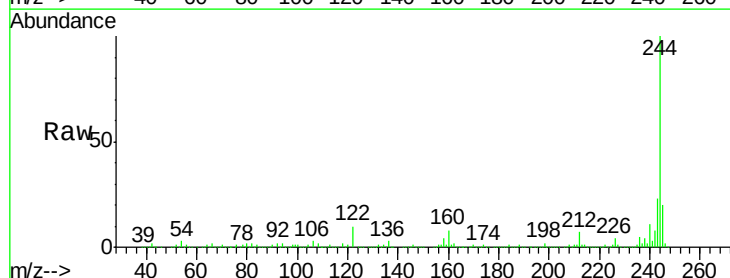
Instrument :
BNA_F
ClientSampleId :
20200439-3001B

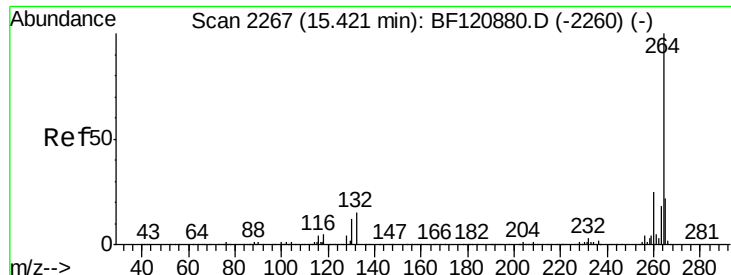
Tot Ion:240 Resp: 602428
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 26.7 21.7 32.5



#79
Terphenyl-d14
Concen: 64.364 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF121079.D
Acq: 28 Jul 2020 20:21

Tgt Ion:244 Resp: 1783749
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.2 8.9 13.3

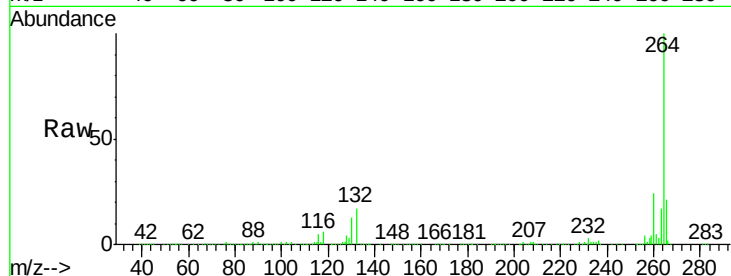




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF121079.D
 Acq: 28 Jul 2020 20:21

Instrument :
 BNA_F
 ClientSampleId :
 20200439-3001B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.0	30.0
265	21.5	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

