

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121083.D
 Acq On : 28 Jul 2020 22:25
 Operator : JU/CG
 Sample : L3439-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200444-3002D

Quant Time: Jul 29 00:48:13 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	157269	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	604738	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	317614	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	632886	20.00	ng	0.00
76) Chrysene-d12	13.97	240	616861	20.00	ng	0.00
86) Perylene-d12	15.42	264	631359	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1034626	107.85	ng	0.02
7) Phenol-d6	6.45	99	1127687	91.00	ng	0.00
23) Nitrobenzene-d5	7.37	82	874234	83.65	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	472022	135.77	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1629754	76.61	ng	0.00
79) Terphenyl-d14	12.92	244	1832712	64.58	ng	0.00

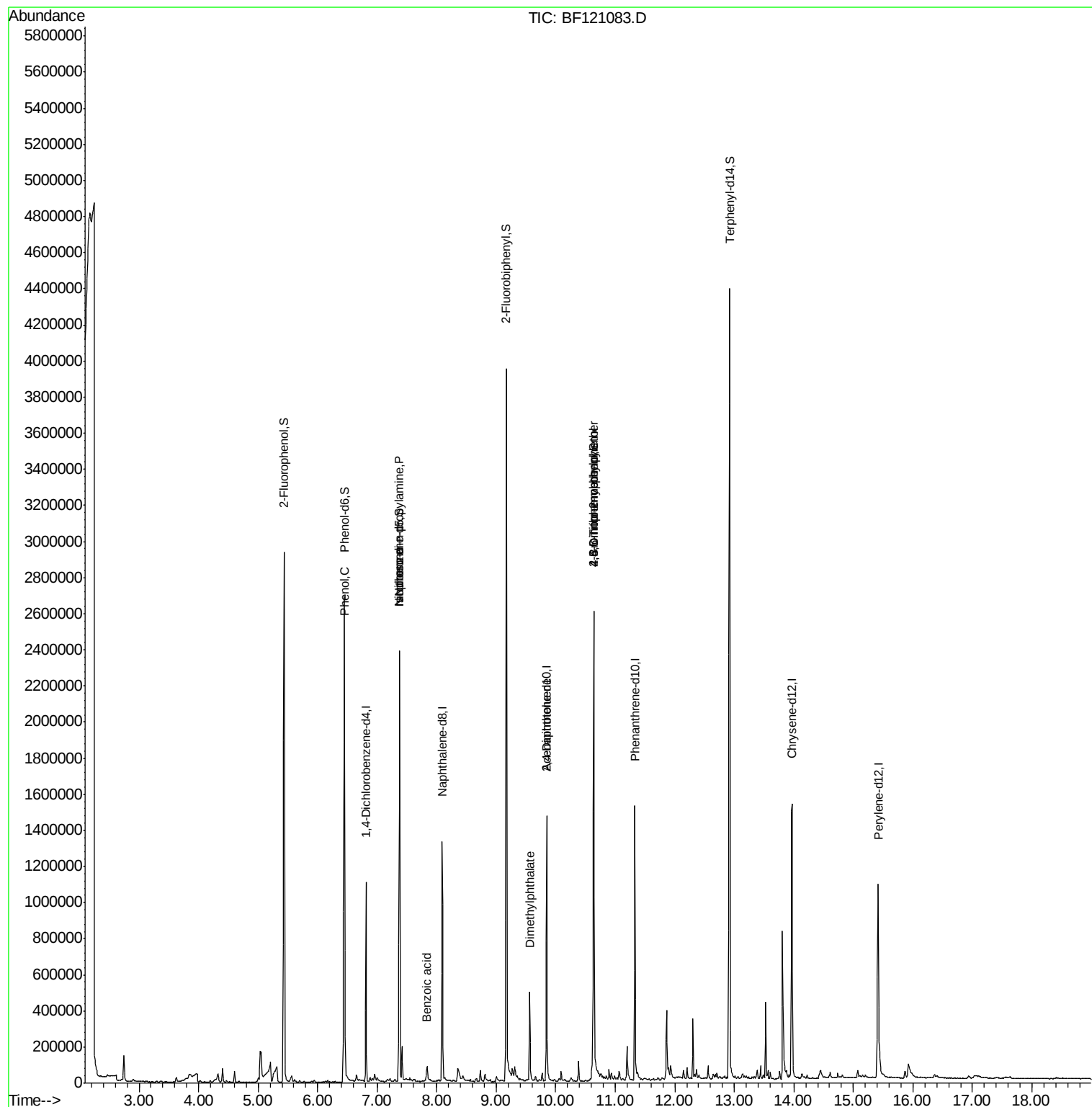
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.36	77	686	Below Cal		# 82
10) Phenol	6.46	94	74683	5.479	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	116965	16.599	ng	# 78
25) Isophorone	7.37	82	871813	41.797	ng	# 63
32) Benzoic acid	7.83	122	16093	2.468	ng	92
50) Dimethylphthalate	9.56	163	204942	8.944	ng	99
57) 2,4-Dinitrotoluene	9.85	165	41569	6.430	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	906	4.070	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	26456	3.749	ng	# 1

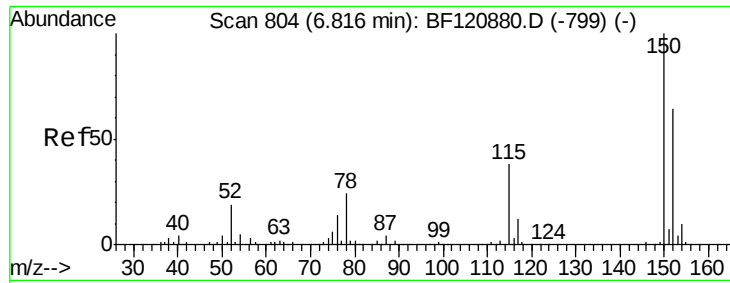
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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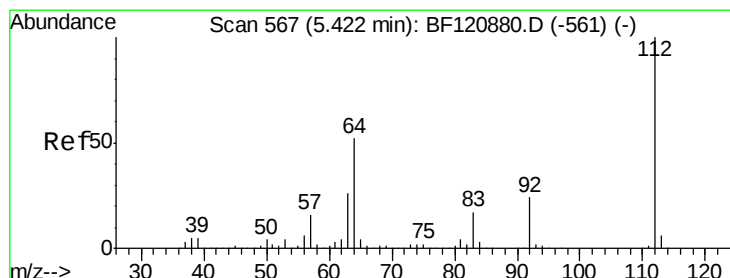
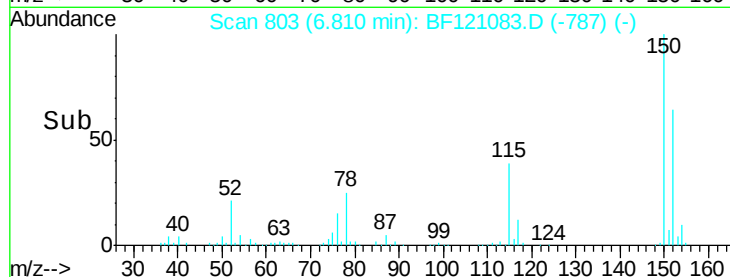
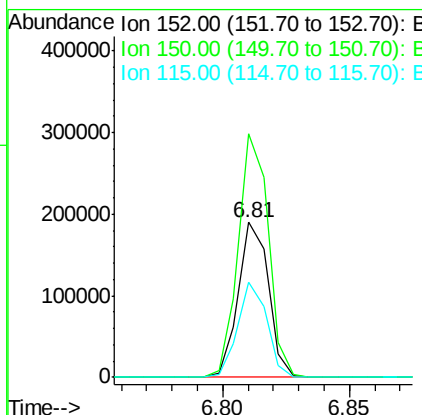
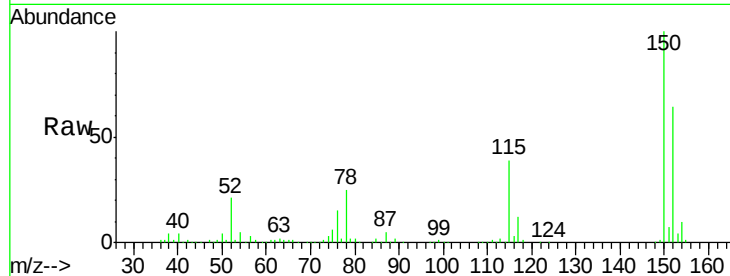




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121083.D
 Acq: 28 Jul 2020 22:25

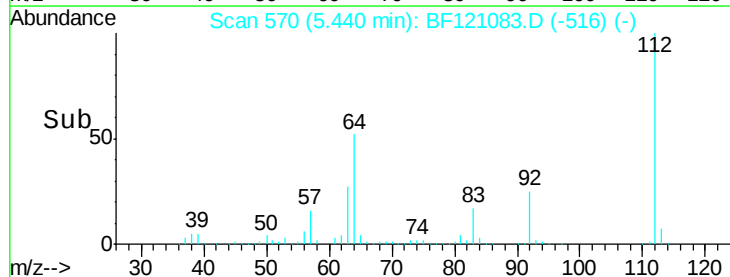
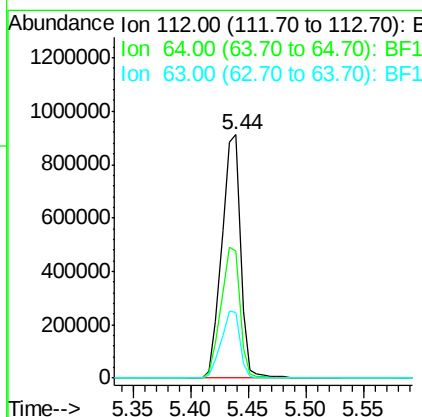
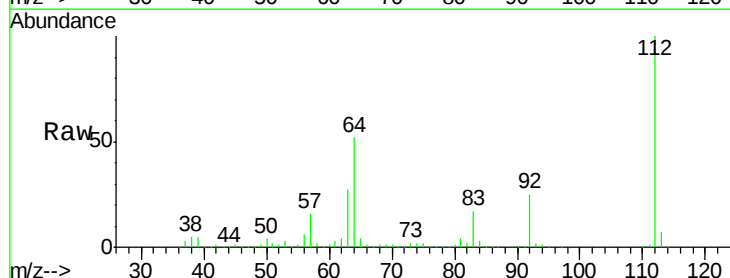
Instrument :
 BNA_F
 ClientSampleId :
 20200444-3002D

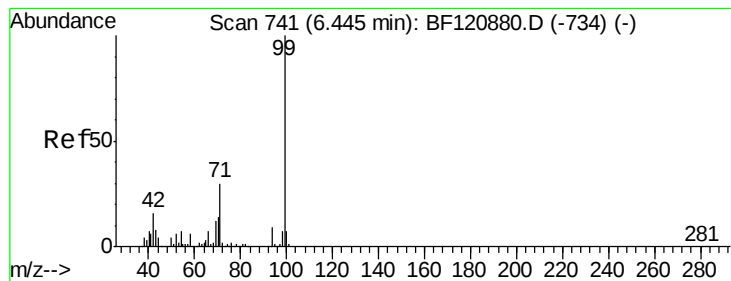
Tot Ion:152 Resp: 157269
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.0 187.6
 115 61.2 47.0 70.4



#5
 2-Fluorophenol
 Concen: 107.848 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF121083.D
 Acq: 28 Jul 2020 22:25

Tgt Ion:112 Resp: 1034626
 Ion Ratio Lower Upper
 112 100
 64 52.2 41.3 61.9
 63 26.8 21.1 31.7





#7

Phenol-d6

Concen: 91.000 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121083.D

Acq: 28 Jul 2020 22:25

Instrument :

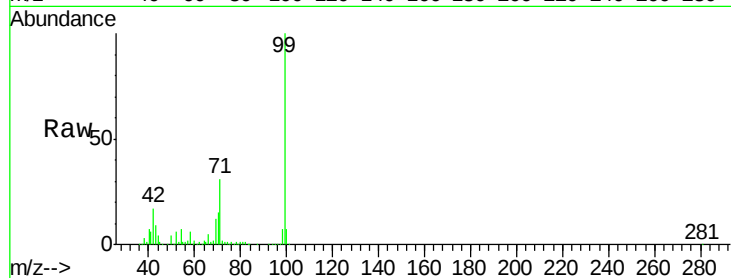
BNA_F

ClientSampleId :

20200444-3002D

Tot Ion: 99 Resp: 1127687

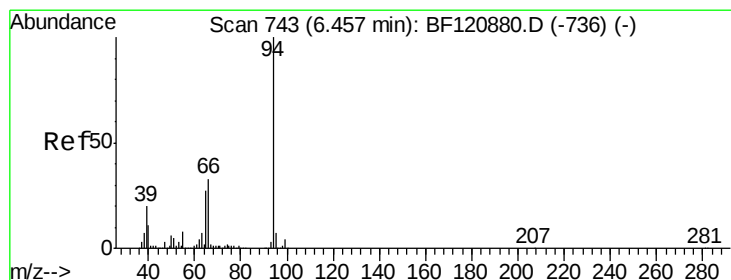
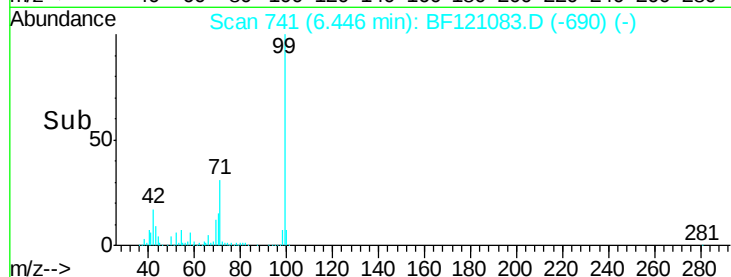
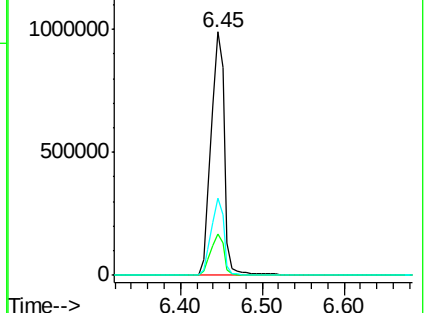
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	31.5	24.2	36.4



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: 5.479 ng

RT: 6.46 min Scan# 743

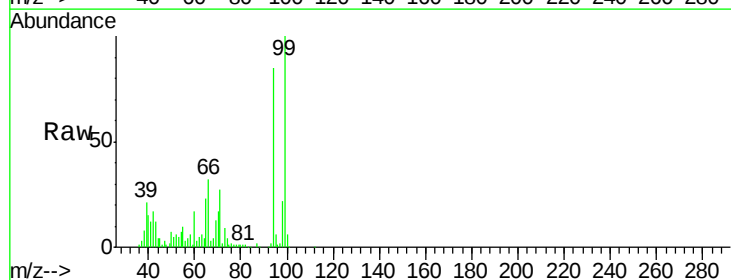
Delta R.T. 0.00 min

Lab File: BF121083.D

Acq: 28 Jul 2020 22:25

Tgt Ion: 94 Resp: 74683

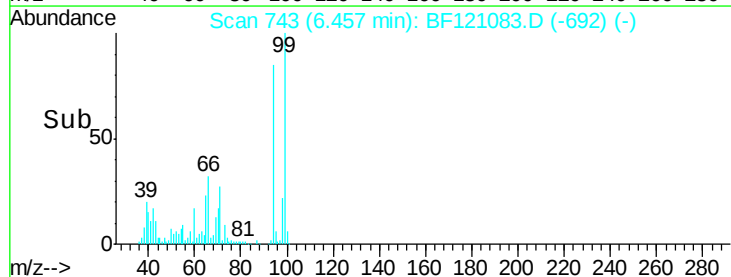
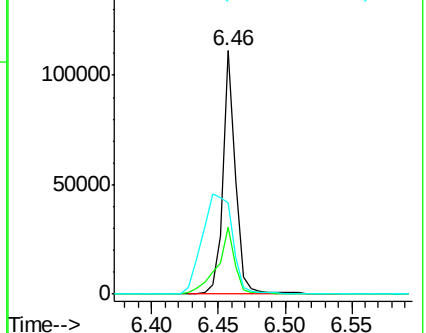
Ion	Ratio	Lower	Upper
94	100		
65	27.3	6.6	46.6
66	37.7	13.2	53.2

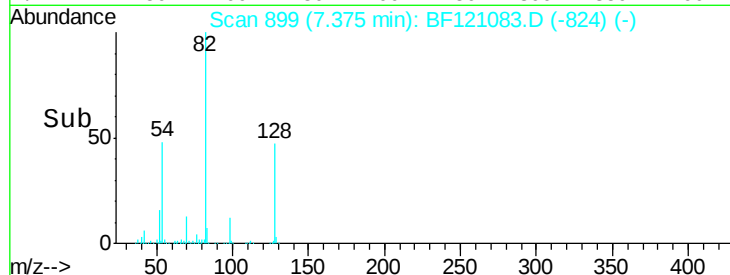
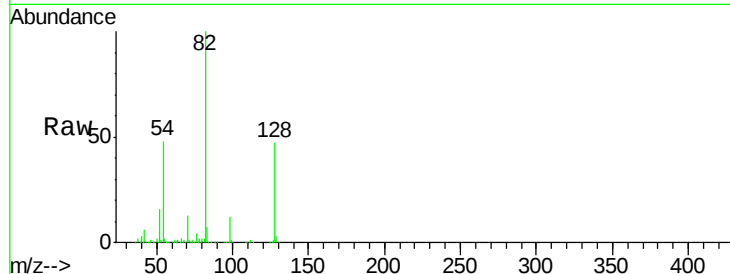
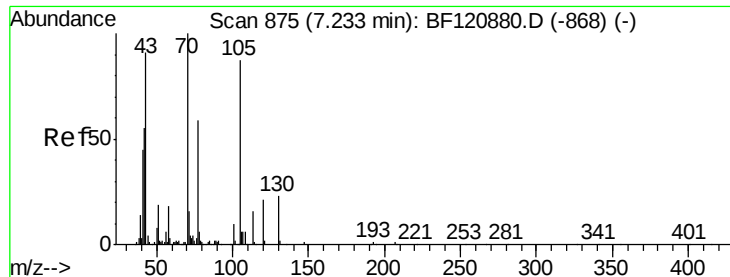


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

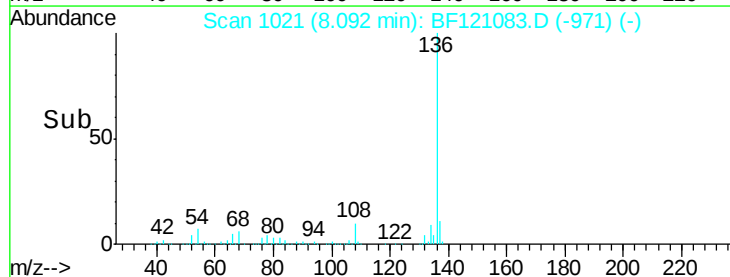
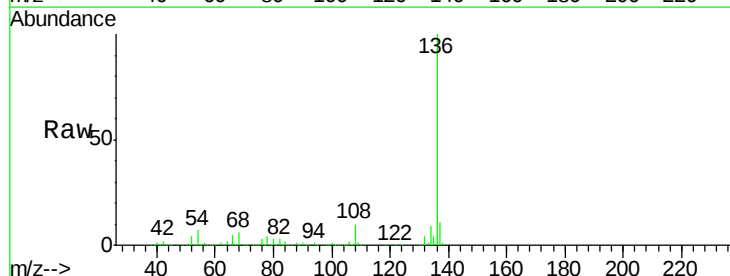
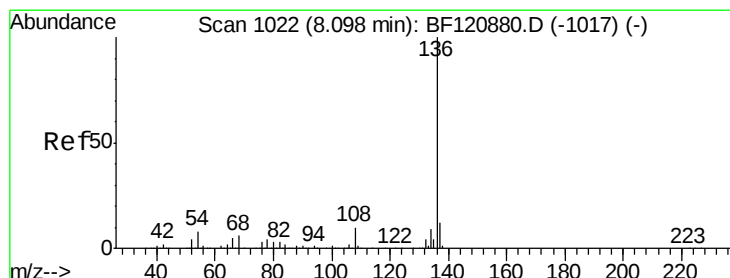
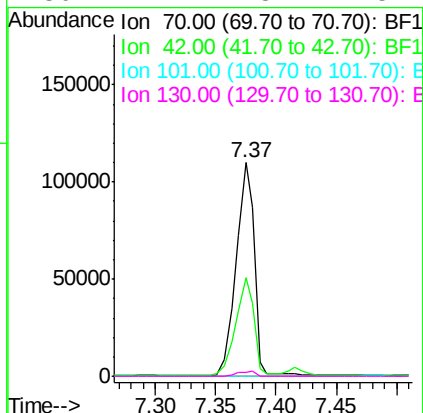




#19
n-Nitroso-di-n-propylamine
Concen: 16.599 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF121083.D
Acq: 28 Jul 2020 22:25

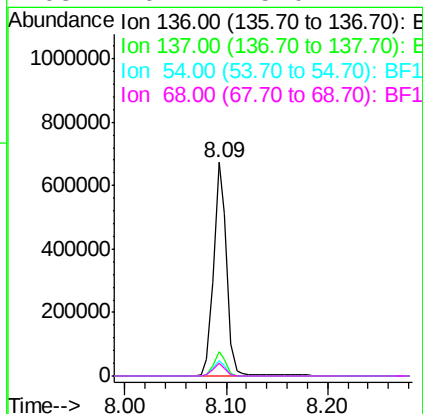
Instrument :
BNA_F
ClientSampleId :
20200444-3002D

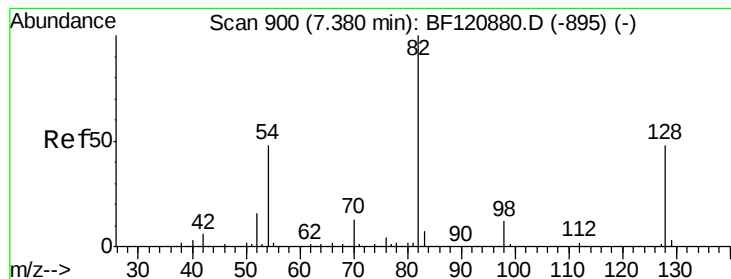
Tot Ion	70	Resp	116965
Ion Ratio	Lower	Upper	
70	100		
42	46.4	44.0	66.0
101	0.0	7.8	11.6#
130	2.1	18.7	28.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121083.D
Acq: 28 Jul 2020 22:25

Tgt Ion	136	Resp	604738
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.3	13.9
54	7.4	6.3	9.5
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 83.649 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121083.D

Acq: 28 Jul 2020 22:25

Instrument :

BNA_F

ClientSampleId :

20200444-3002D

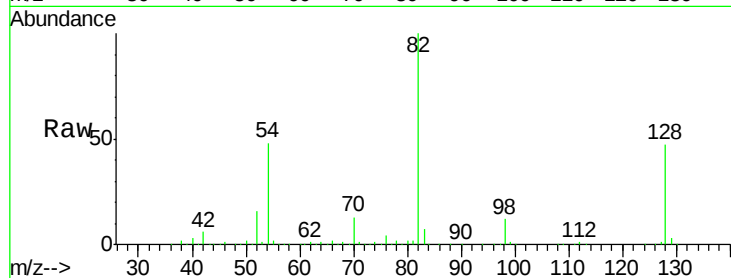
Tot Ion: 82 Resp: 874234

Ion Ratio Lower Upper

82 100

128 47.0 38.2 57.4

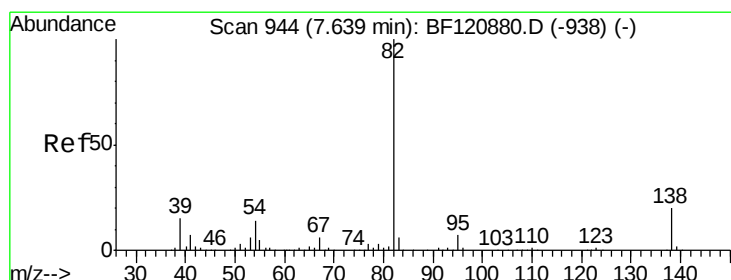
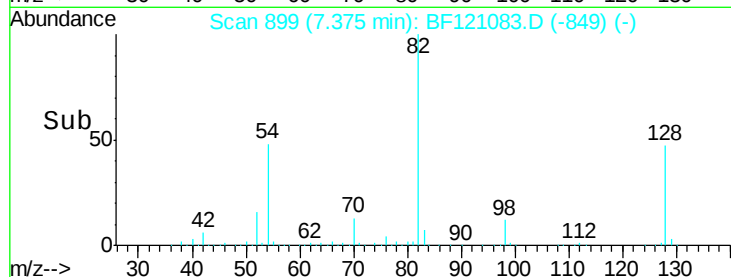
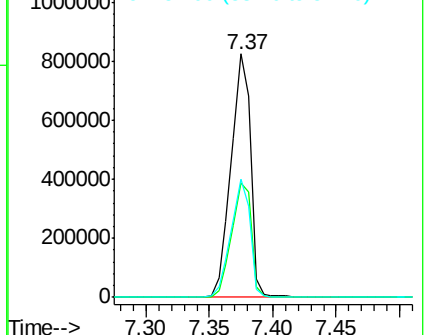
54 48.4 38.7 58.1



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: 41.797 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121083.D

Acq: 28 Jul 2020 22:25

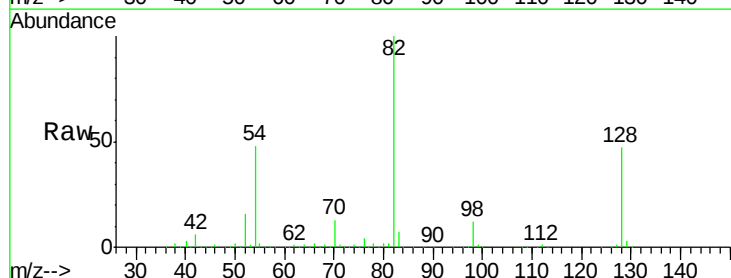
Tgt Ion: 82 Resp: 871813

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

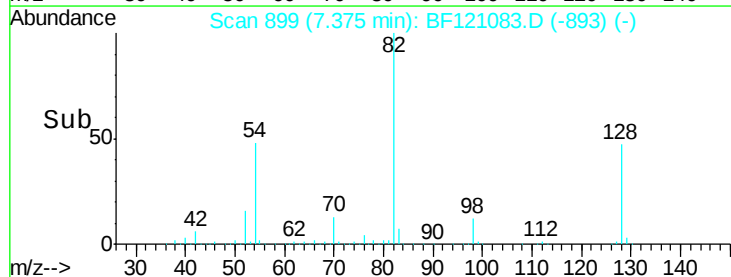
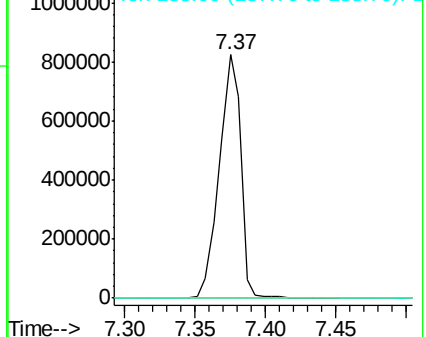
138 0.0 15.6 23.4#

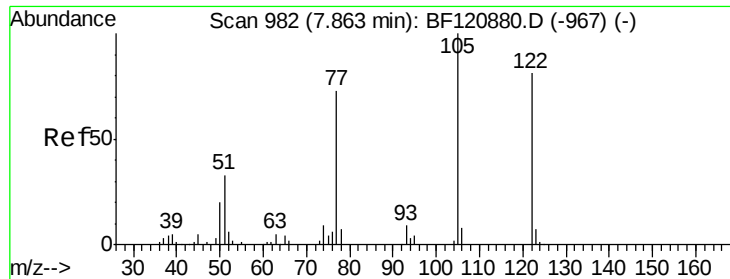


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

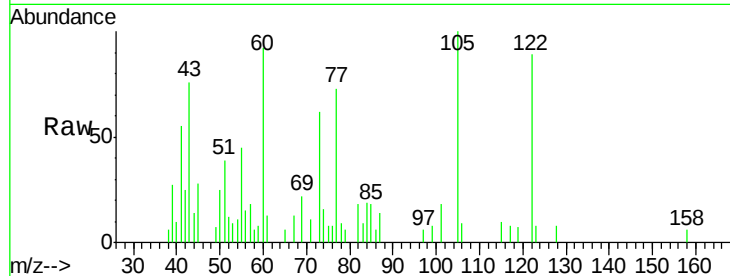




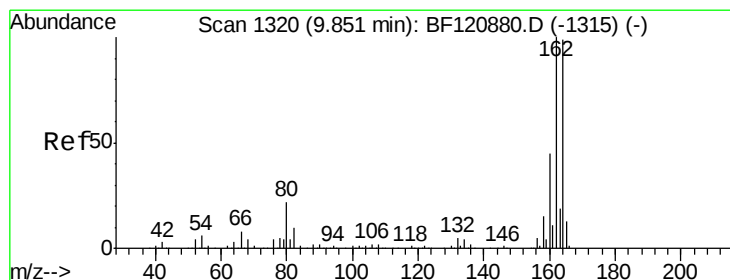
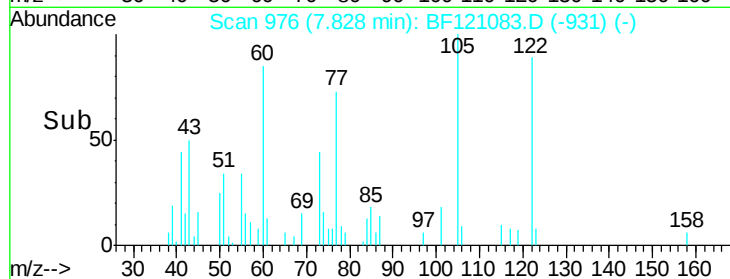
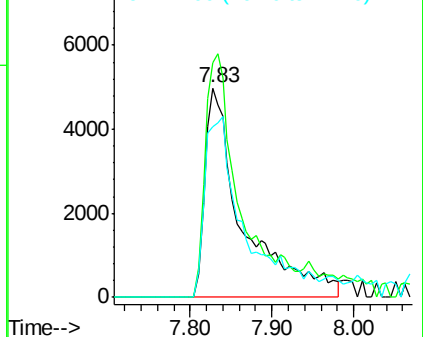
#32
Benzoic acid
Concen: 2.468 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.04 min
Lab File: BF121083.D
Acq: 28 Jul 2020 22:25

Instrument :
BNA_F
ClientSampleId :
20200444-3002D

Tot Ion:122 Resp: 16093
Ion Ratio Lower Upper
122 100
105 112.1 101.3 141.3
77 81.3 69.1 109.1

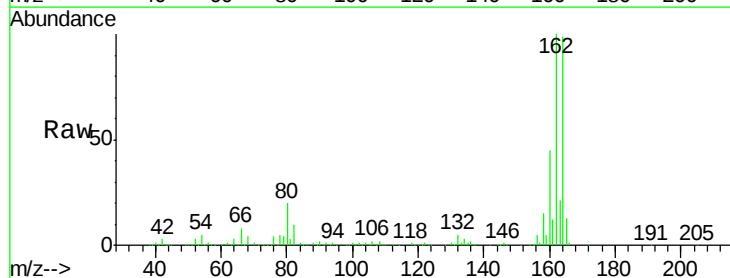


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

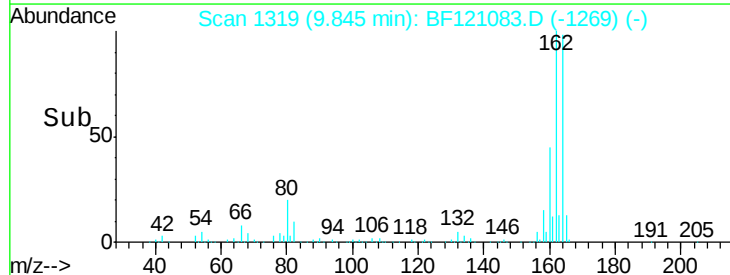
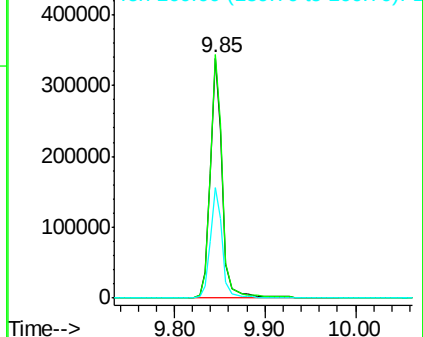


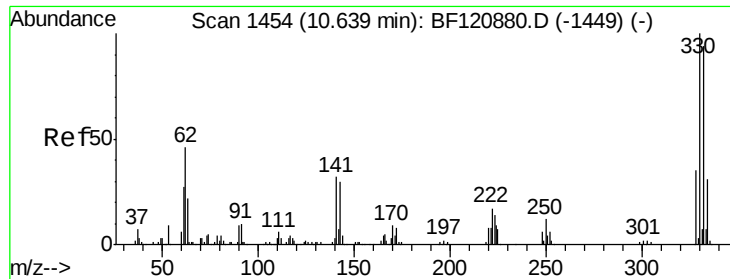
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121083.D
Acq: 28 Jul 2020 22:25

Tgt Ion:164 Resp: 317614
Ion Ratio Lower Upper
164 100
162 101.5 81.2 121.8
160 46.0 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

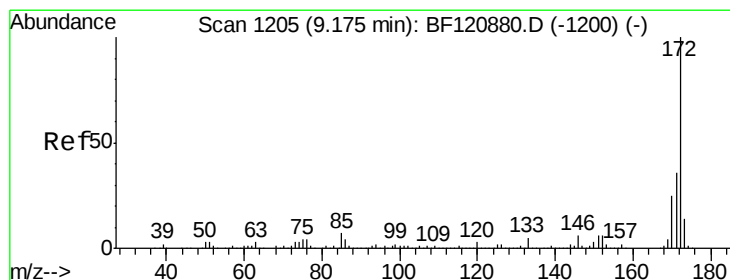
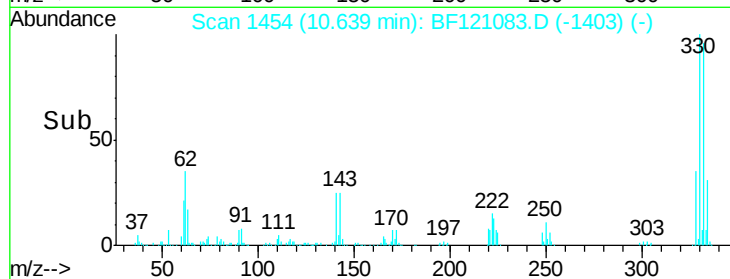
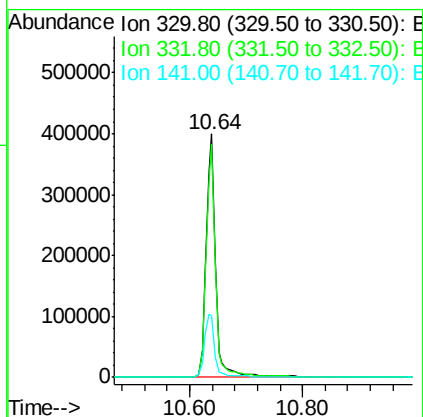
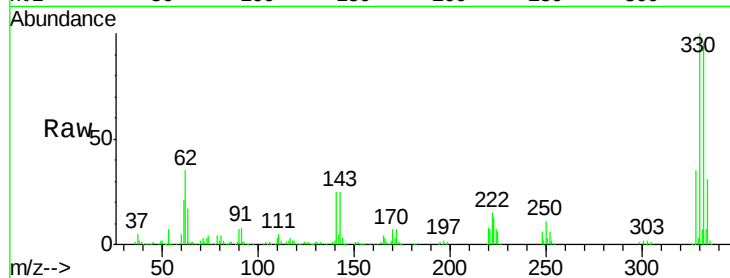




#42
 2,4,6-Tribromophenol
 Concen: 135.771 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121083.D
 Acq: 28 Jul 2020 22:25

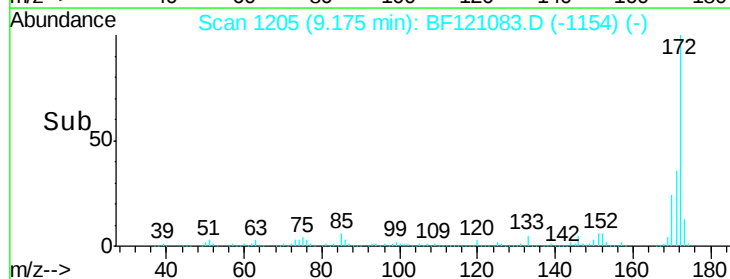
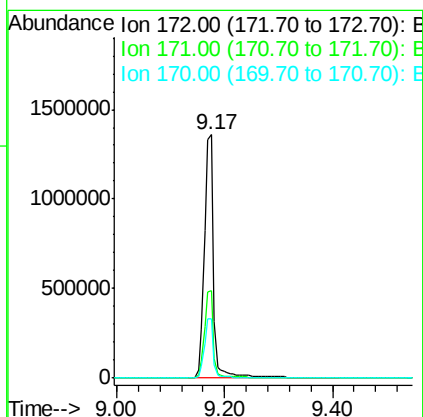
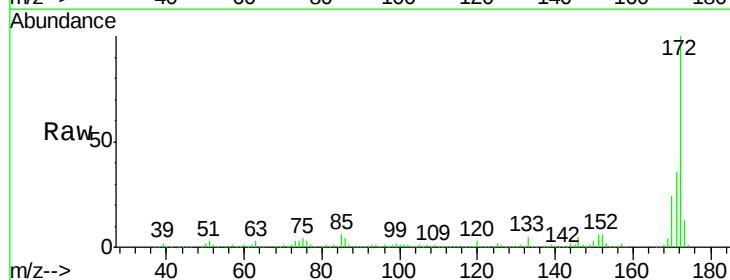
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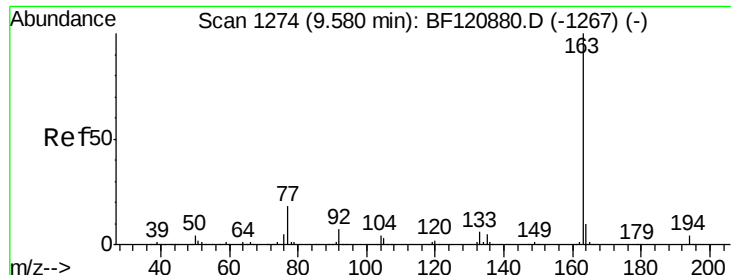
Tot Ion:330 Resp: 472022
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.5 113.3
 141 28.9 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 76.612 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121083.D
 Acq: 28 Jul 2020 22:25

Tgt Ion:172 Resp: 1629754
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.3 19.6 29.4

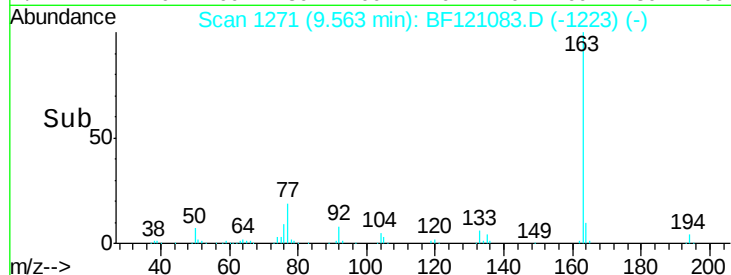
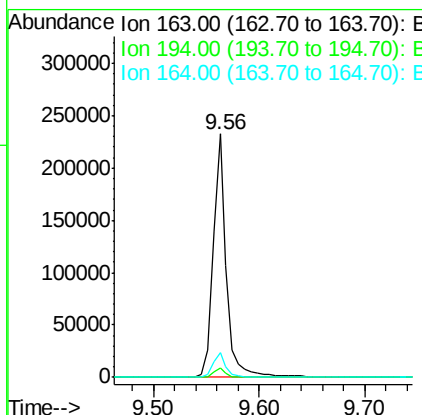
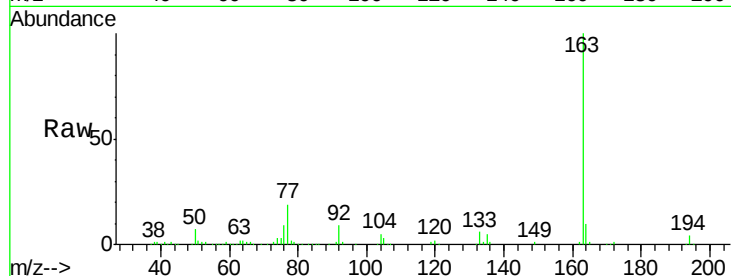




#50
Dimethylphthalate
Concen: 8.944 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121083.D
Acq: 28 Jul 2020 22:25

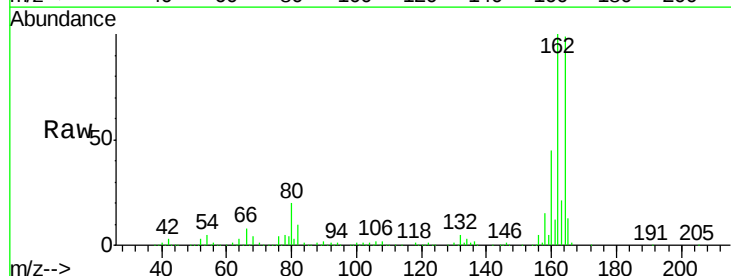
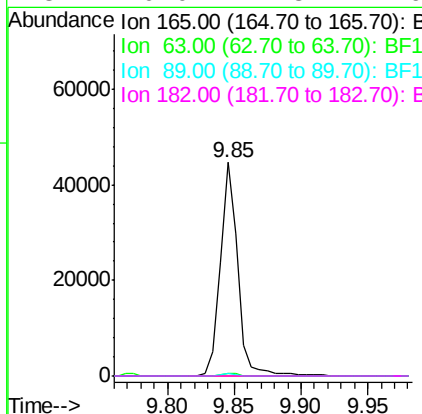
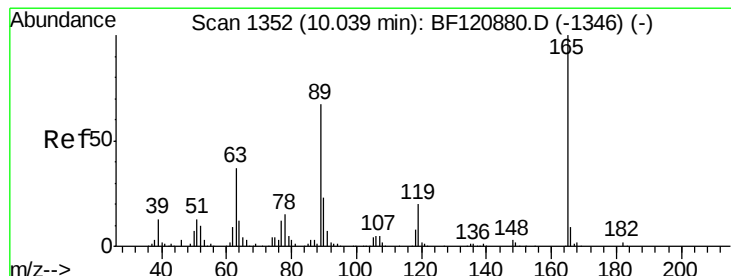
Instrument :
BNA_F
ClientSampleId :
20200444-3002D

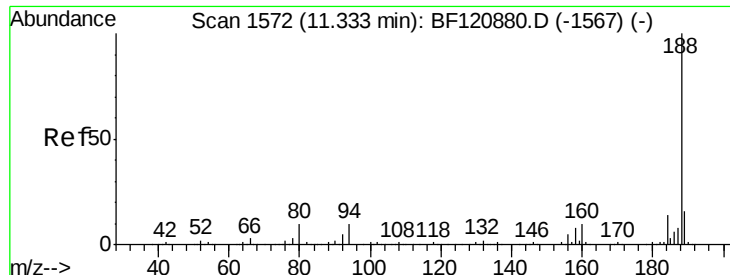
Tot Ion:163 Resp: 204942
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.4 7.9 11.9



#57
2,4-Dinitrotoluene
Concen: 6.430 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF121083.D
Acq: 28 Jul 2020 22:25

Tgt Ion:165 Resp: 41569
Ion Ratio Lower Upper
165 100
63 1.2 29.4 44.2#
89 1.3 53.4 80.0#
182 0.0 1.8 2.6#

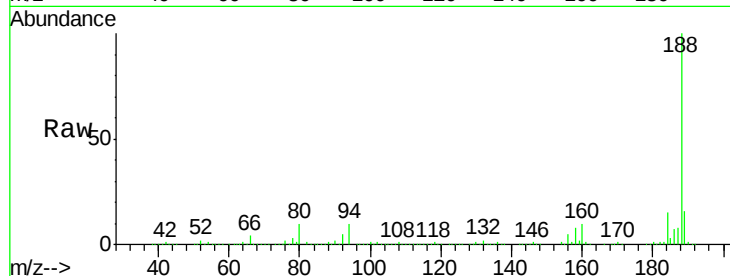




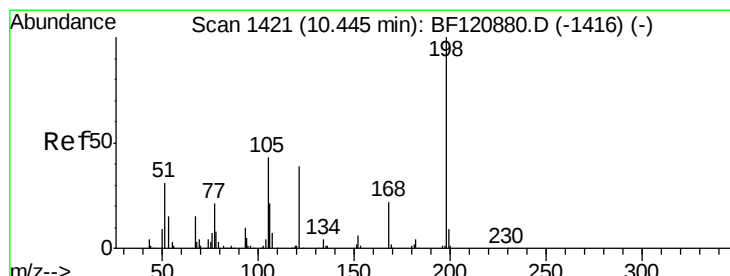
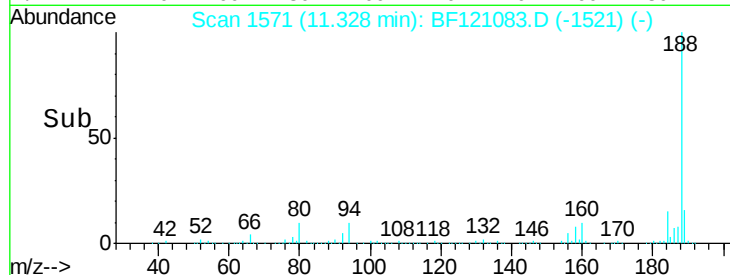
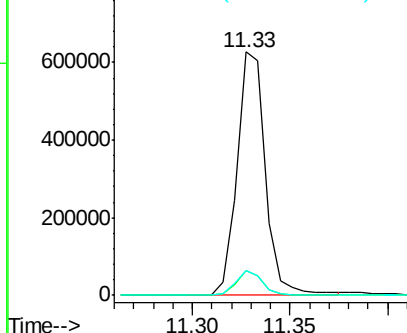
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121083.D
Acq: 28 Jul 2020 22:25

Instrument :
BNA_F
ClientSampleId :
20200444-3002D

Tot Ion:188 Resp: 632886
Ion Ratio Lower Upper
188 100
94 10.2 8.0 12.0
80 10.4 8.3 12.5

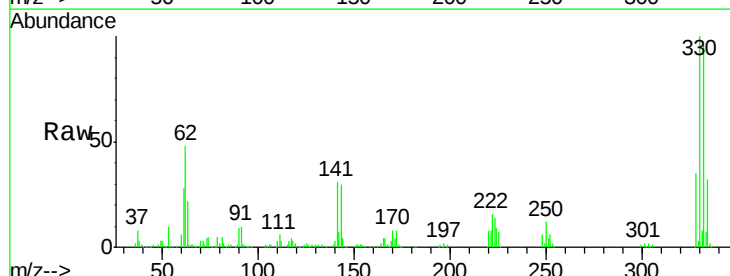


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

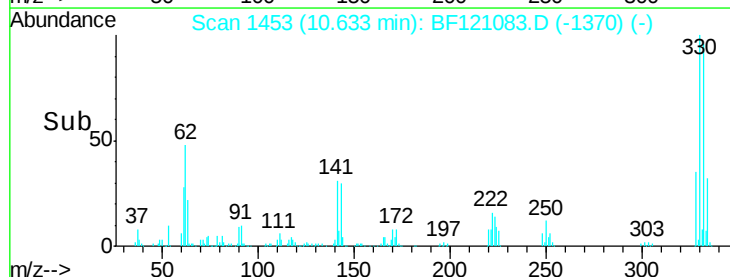
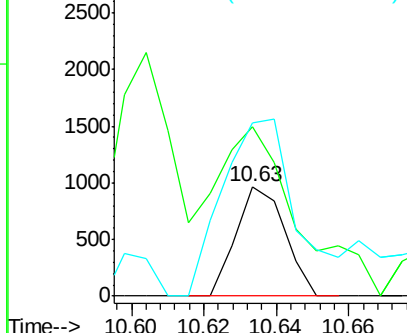


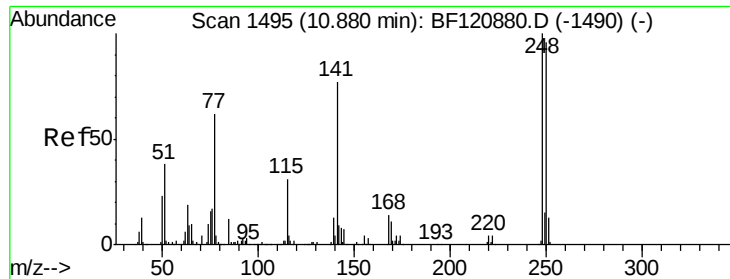
#65
4,6-Dinitro-2-methylphenol
Concen: 4.070 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF121083.D
Acq: 28 Jul 2020 22:25

Tgt Ion:198 Resp: 906
Ion Ratio Lower Upper
198 100
51 154.2 19.5 59.5#
105 157.3 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

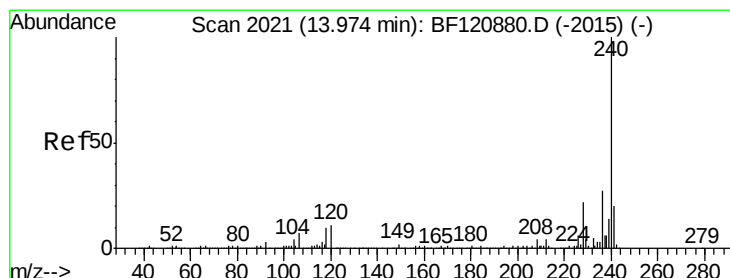
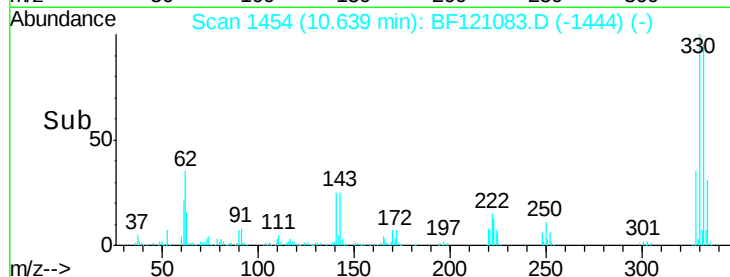
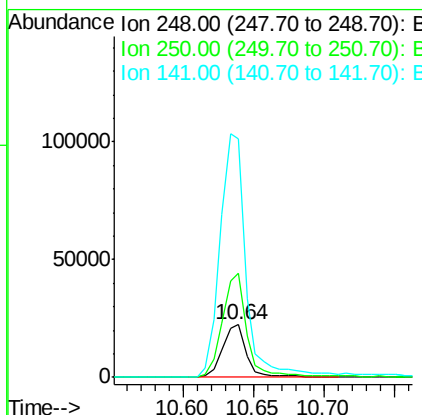
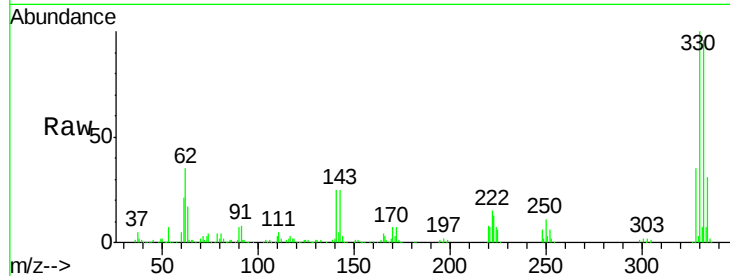




#67
 4-Bromophenyl-phenylether
 Concen: 3.749 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF121083.D
 Acq: 28 Jul 2020 22:25

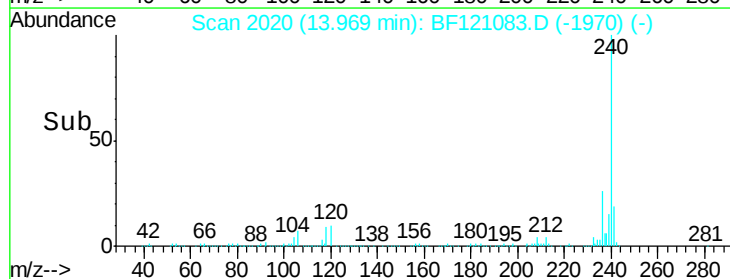
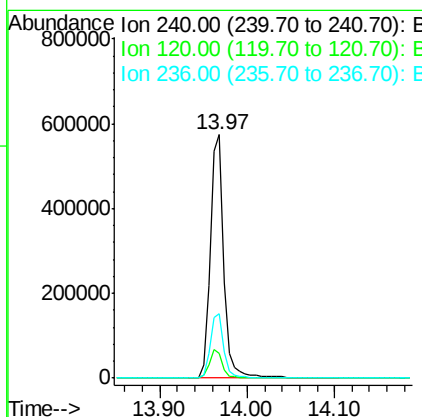
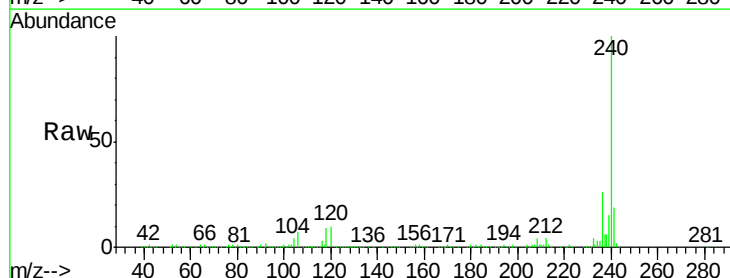
Instrument :
 BNA_F
 ClientSampleId :
 20200444-3002D

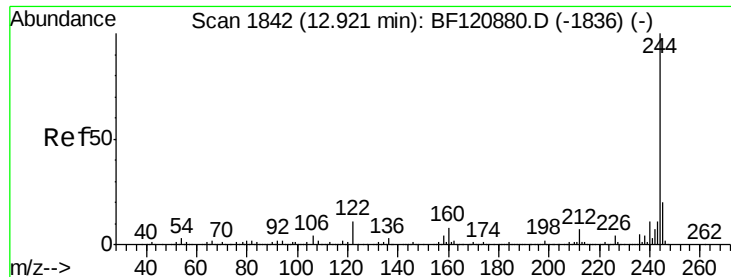
Tot Ion	Ion	Ratio	Lower	Upper
248	100			
250	197.5	77.1	115.7#	
141	455.7	61.2	91.8#	



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF121083.D
 Acq: 28 Jul 2020 22:25

Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	10.4	9.0	13.4	
236	26.4	21.7	32.5	





#79

Terphenyl-d14

Concen: 64.584 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121083.D

Acq: 28 Jul 2020 22:25

Instrument :

BNA_F

ClientSampleId :

20200444-3002D

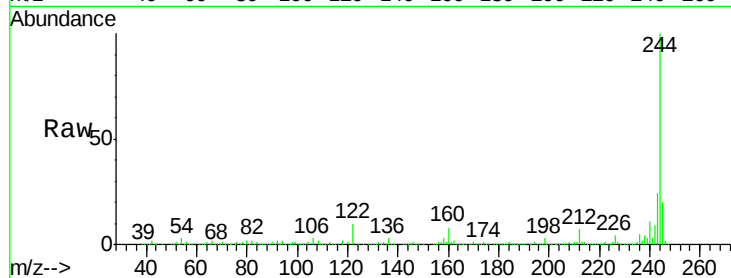
Tot Ion:244 Resp: 1832712

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

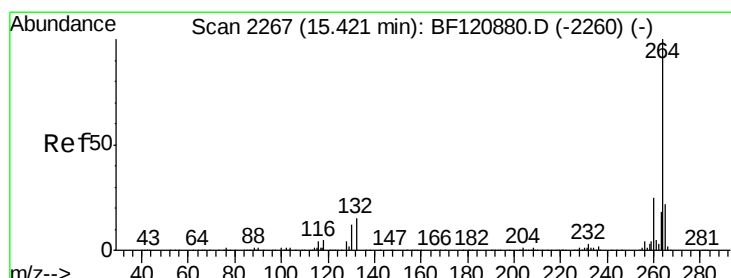
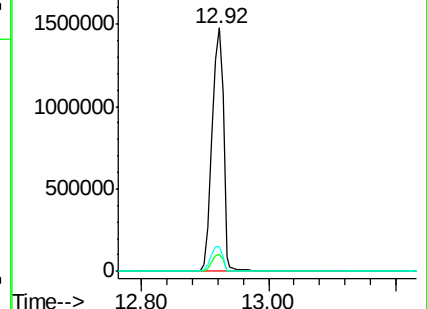
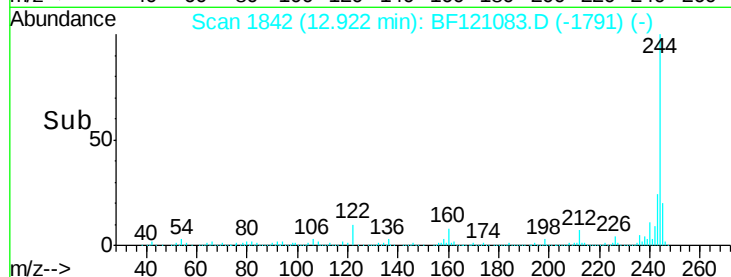
122 10.0 8.9 13.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF121083.D

Acq: 28 Jul 2020 22:25

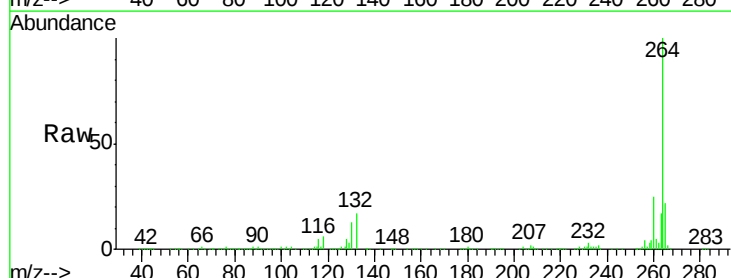
Tgt Ion:264 Resp: 631359

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 21.9 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

