

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121084.D
 Acq On : 28 Jul 2020 22:56
 Operator : JU/CG
 Sample : L3439-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200440-3001C

Quant Time: Jul 29 00:48:39 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	153592	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	589033	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	315868	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	641422	20.00	ng	0.00
76) Chrysene-d12	13.97	240	624707	20.00	ng	0.00
86) Perylene-d12	15.42	264	631469	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	861777	91.98	ng	0.01
7) Phenol-d6	6.45	99	941105	77.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	703334	69.09	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	402194	116.33	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1424910	67.35	ng	0.00
79) Terphenyl-d14	12.92	244	1628817	56.68	ng	0.00

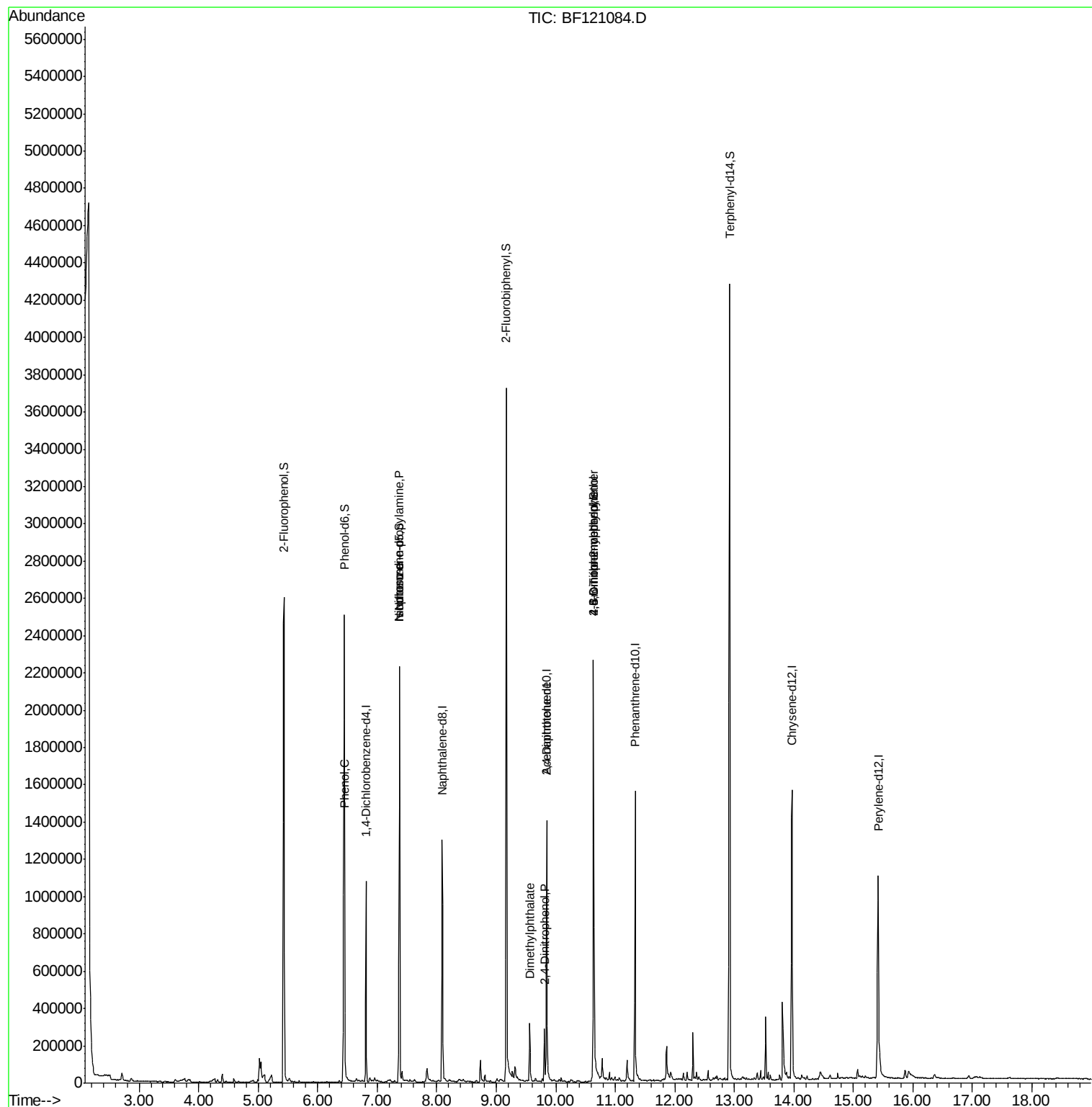
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.36	77	3016	Below Cal		91
10) Phenol	6.46	94	61562	4.624	ng	99
19) n-Nitroso-di-n-propylamine	7.37	70	93519	13.589	ng	# 78
25) Isophorone	7.37	82	703328	34.618	ng	# 63
50) Dimethylphthalate	9.56	163	133396	5.854	ng	100
54) 2,4-Dinitrophenol	9.81	184	125	6.874	ng	# 15
57) 2,4-Dinitrotoluene	9.85	165	39497	6.143	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	756	4.030	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	23073	3.226	ng	# 1

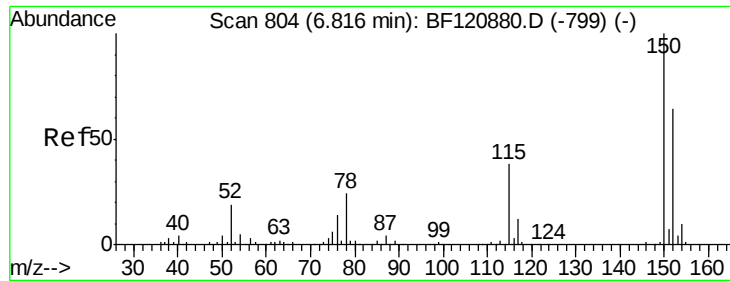
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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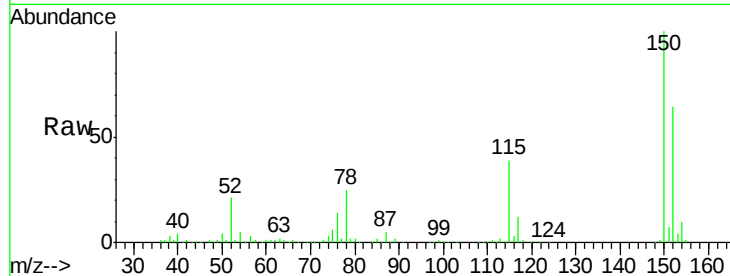


#1

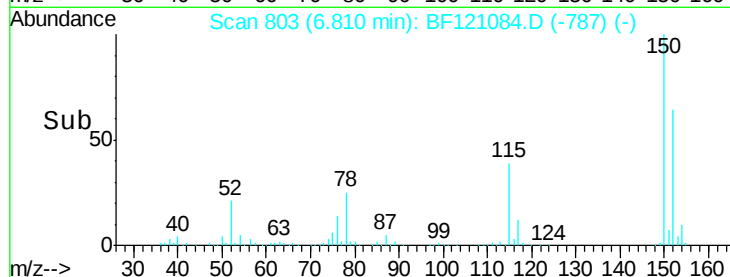
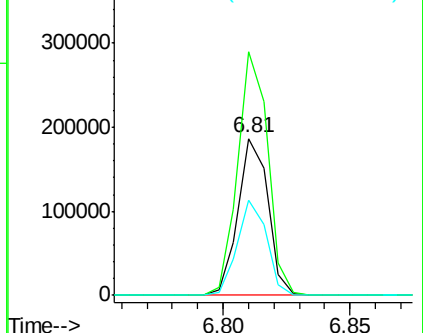
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121084.D
 Acq: 28 Jul 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 20200440-3001C

Tot Ion:152 Resp: 153592
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.0 187.6
 115 60.9 47.0 70.4



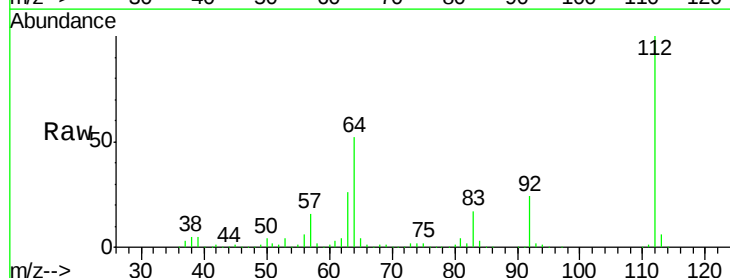
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



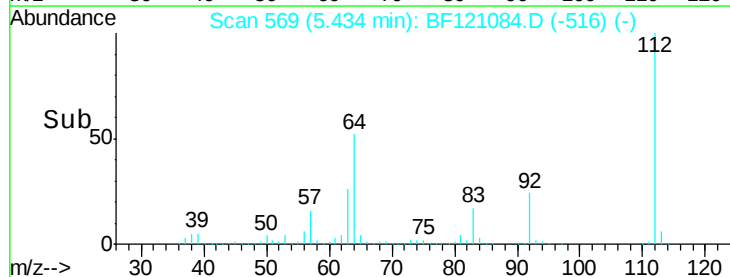
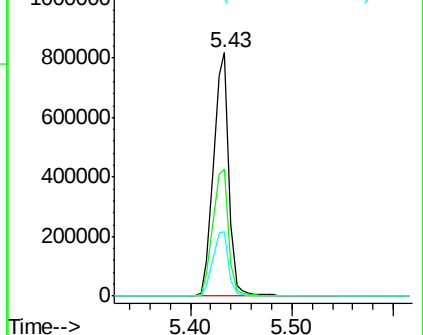
#5

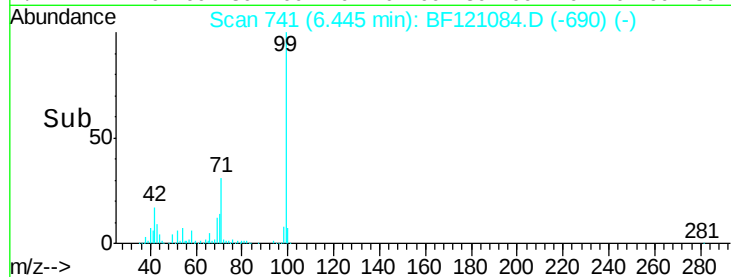
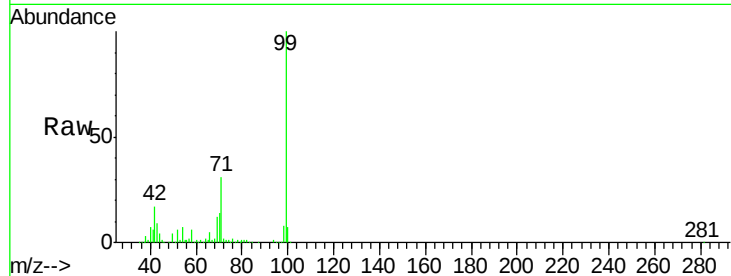
2-Fluorophenol
 Concen: 91.981 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF121084.D
 Acq: 28 Jul 2020 22:56

Tgt Ion:112 Resp: 861777
 Ion Ratio Lower Upper
 112 100
 64 52.0 41.3 61.9
 63 26.3 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: 77.762 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121084.D

Acq: 28 Jul 2020 22:56

Instrument :

BNA_F

ClientSampleId :

20200440-3001C

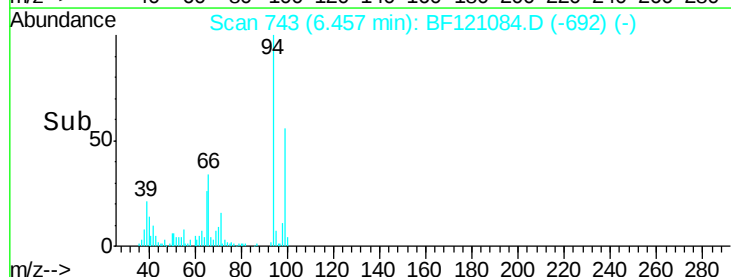
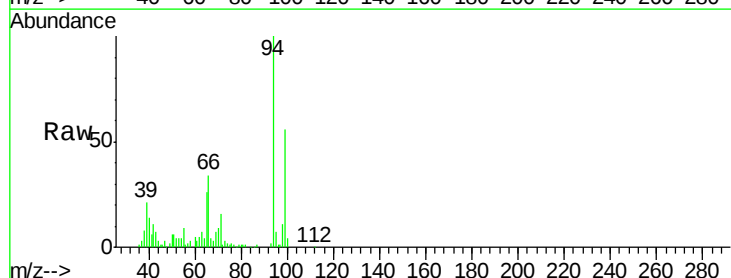
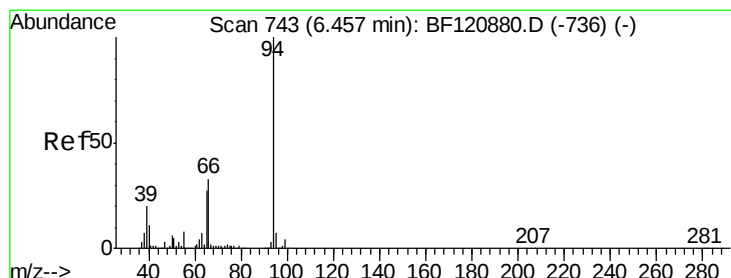
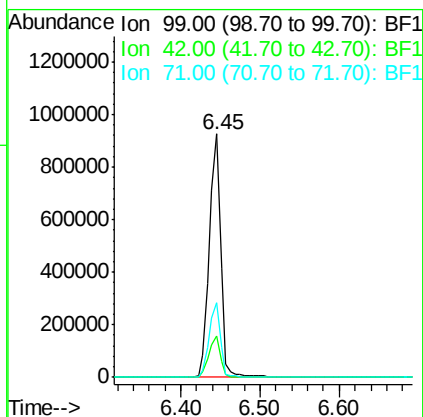
Tot Ion: 99 Resp: 941105

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 30.9 24.2 36.4



#10

Phenol

Concen: 4.624 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF121084.D

Acq: 28 Jul 2020 22:56

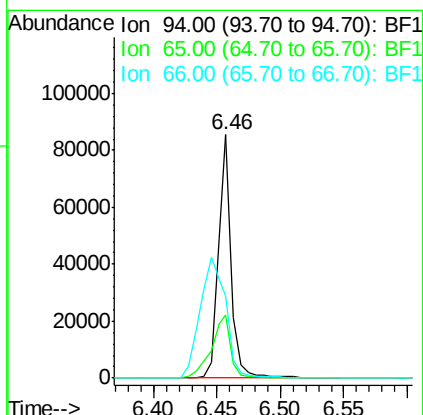
Tgt Ion: 94 Resp: 61562

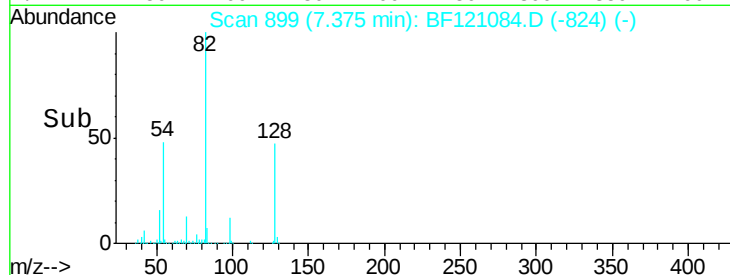
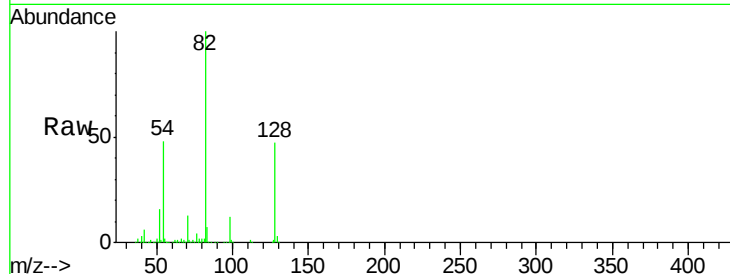
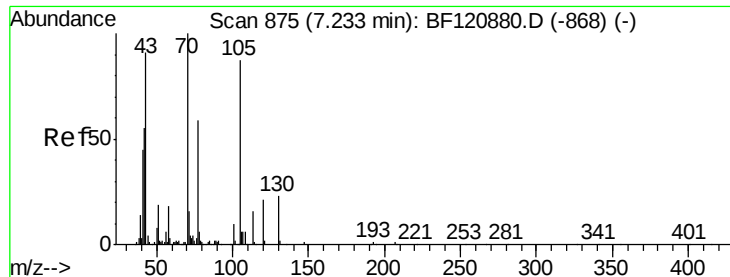
Ion Ratio Lower Upper

94 100

65 25.7 6.6 46.6

66 33.6 13.2 53.2

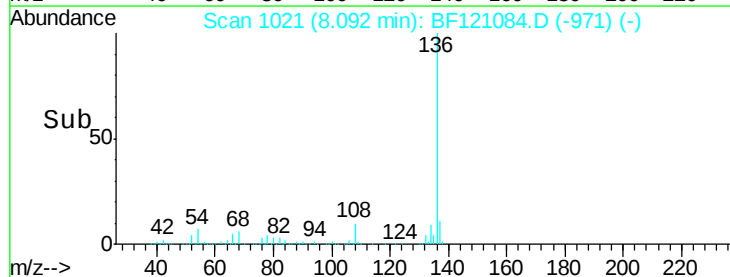
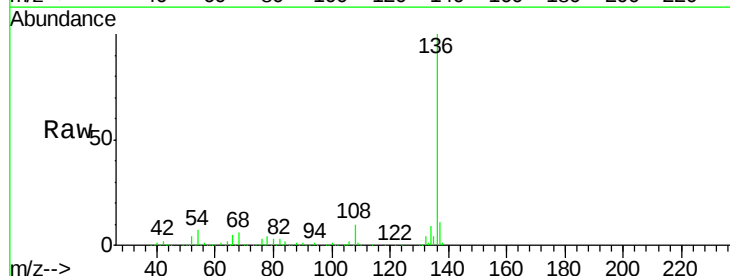
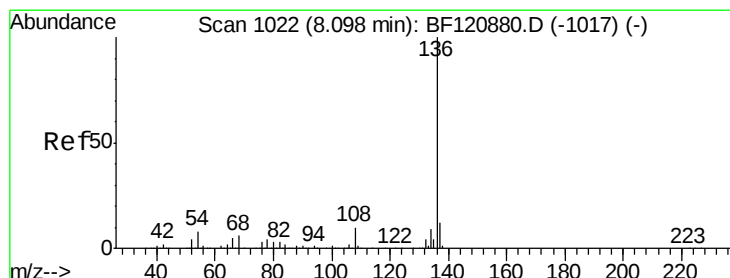
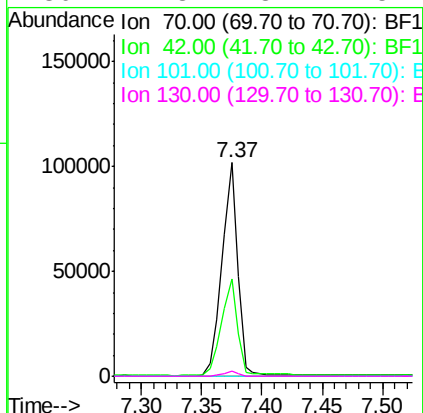




#19
n-Nitroso-di-n-propylamine
Concen: 13.589 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

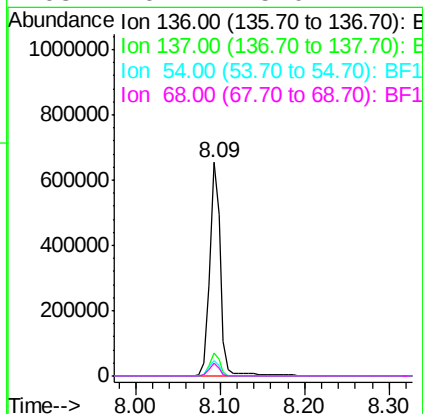
Instrument :
BNA_F
ClientSampleId :
20200440-3001C

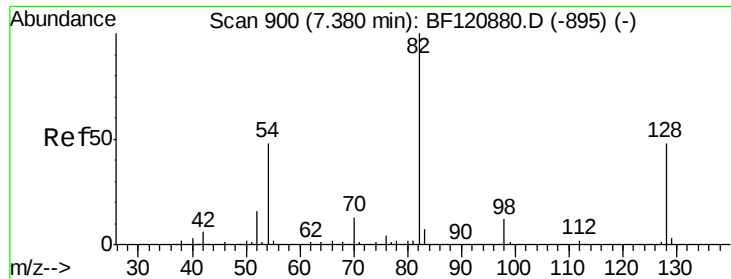
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.8	44.0	66.0	
101	0.0	7.8	11.6	
130	2.3	18.7	28.1	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.1	9.3	13.9	
54	7.4	6.3	9.5	
68	6.1	5.0	7.4	

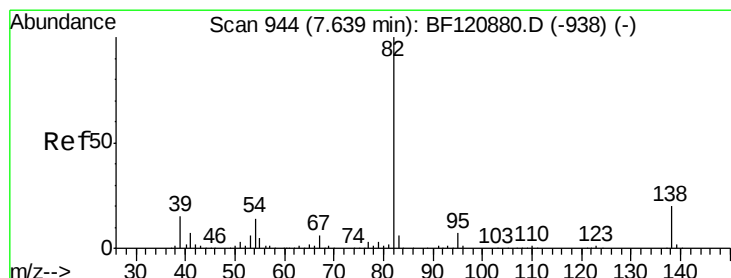
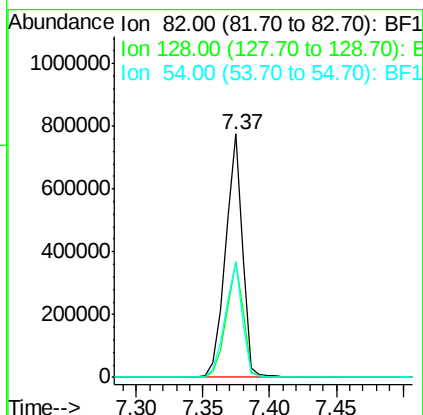
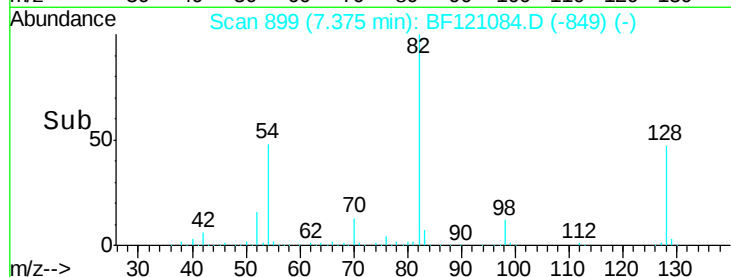
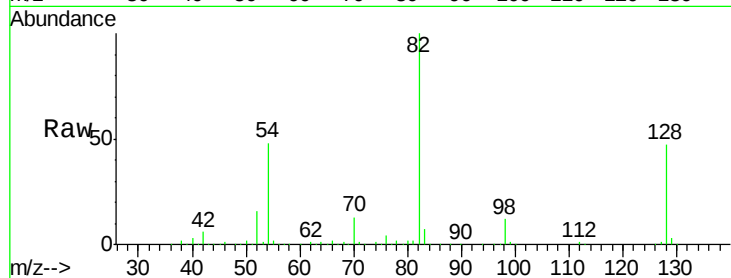




#23
Nitrobenzene-d5
Concen: 69.091 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

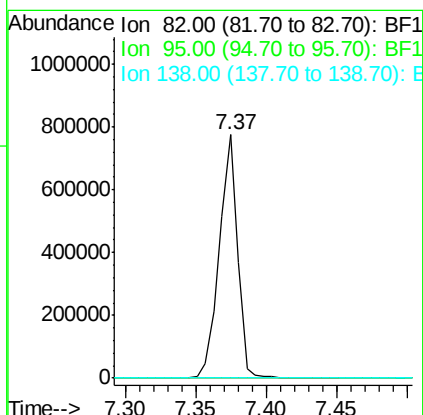
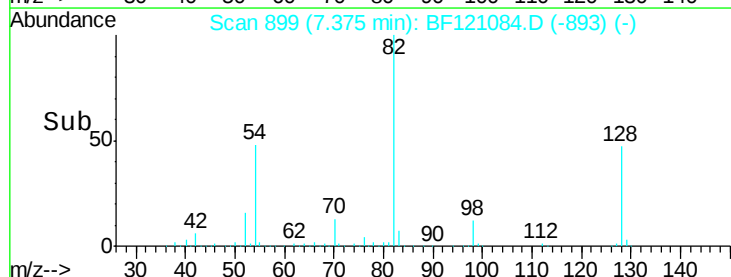
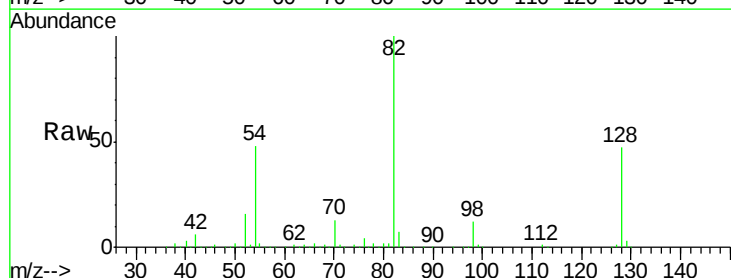
Instrument :
BNA_F
ClientSampleId :
20200440-3001C

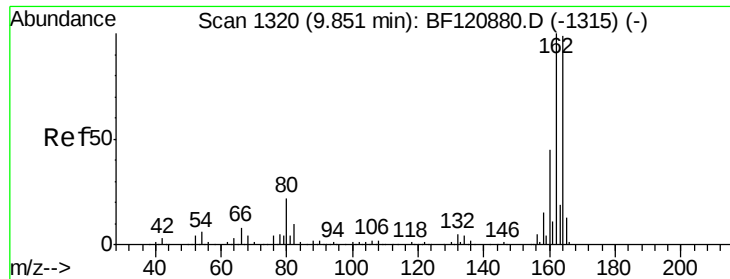
Tot Ion: 82 Resp: 703334
Ion Ratio Lower Upper
82 100
128 47.3 38.2 57.4
54 47.7 38.7 58.1



#25
Isophorone
Concen: 34.618 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

Tgt Ion: 82 Resp: 703328
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121084.D

Acq: 28 Jul 2020 22:56

Instrument :

BNA_F

ClientSampleId :

20200440-3001C

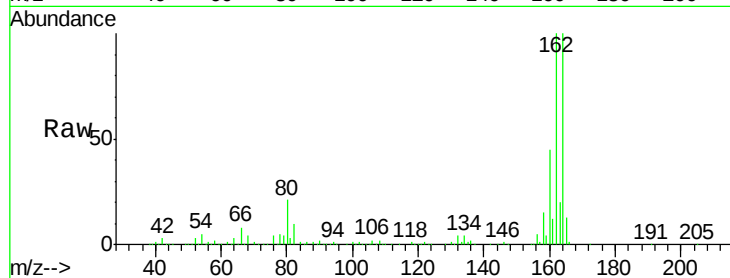
Tot Ion:164 Resp: 315868

Ion Ratio Lower Upper

164 100

162 99.7 81.2 121.8

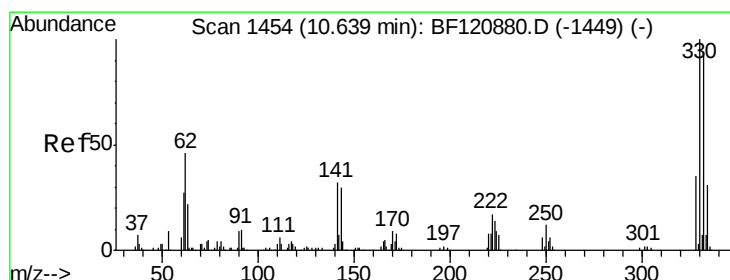
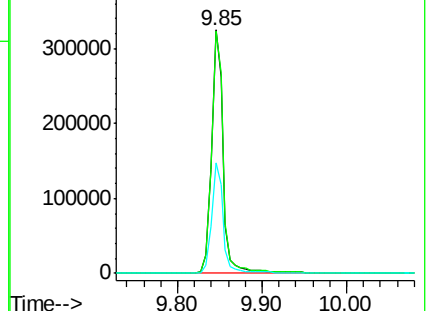
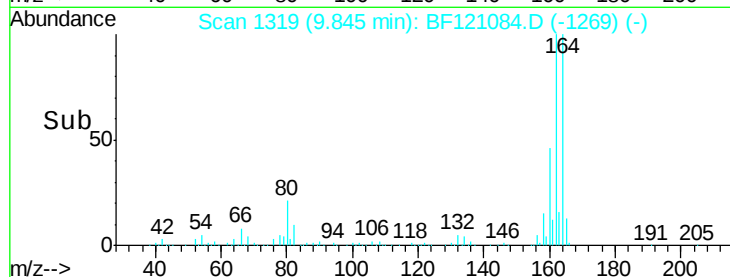
160 45.4 36.9 55.3



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: 116.326 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF121084.D

Acq: 28 Jul 2020 22:56

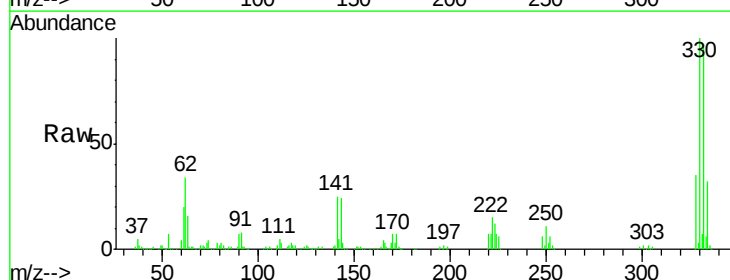
Tgt Ion:330 Resp: 402194

Ion Ratio Lower Upper

330 100

332 97.1 75.5 113.3

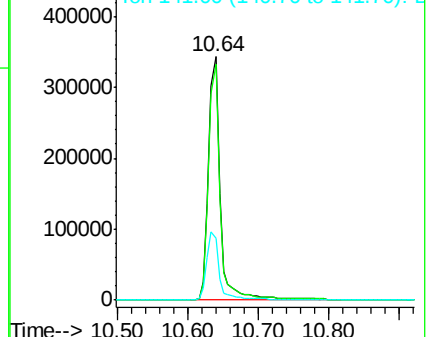
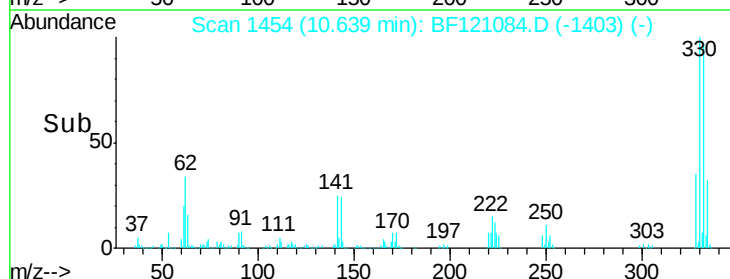
141 30.0 25.7 38.5

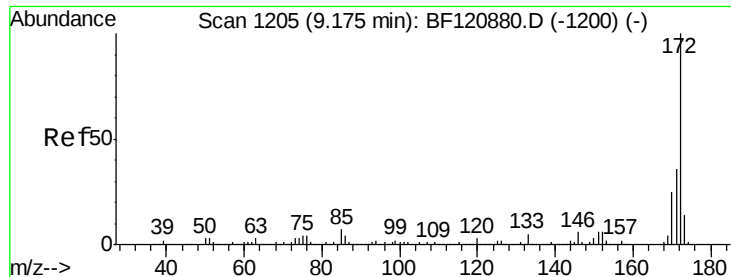


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

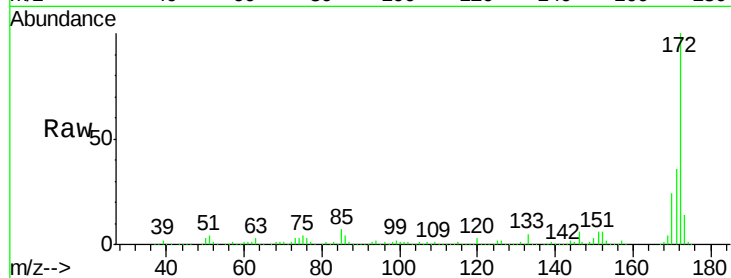




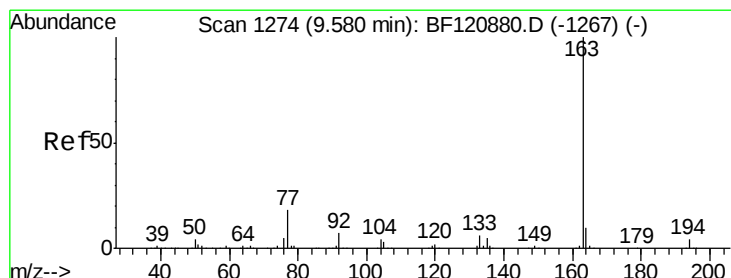
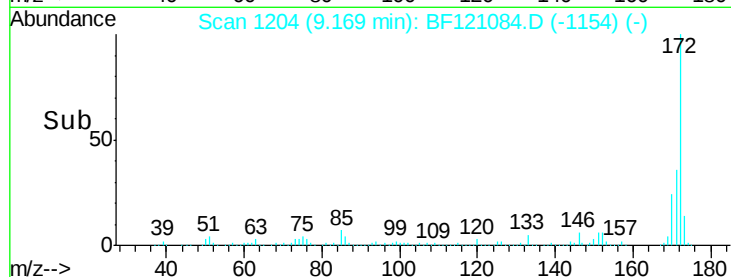
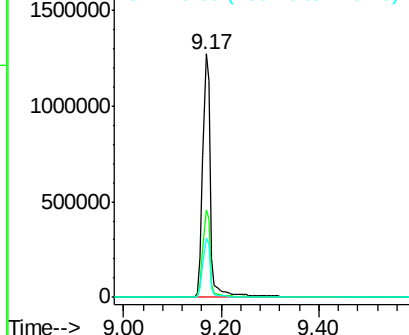
#45
2-Fluorobiphenyl
Concen: 67.353 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

Instrument :
BNA_F
ClientSampleId :
20200440-3001C

Tot Ion:172 Resp: 1424910
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 24.4 19.6 29.4

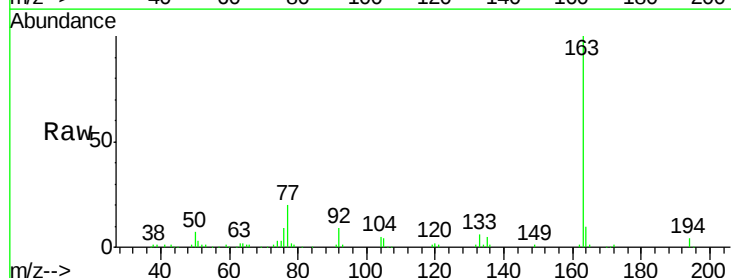


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

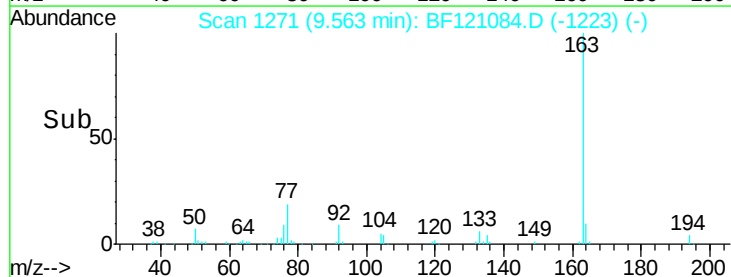
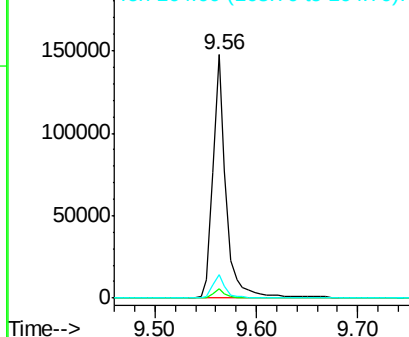


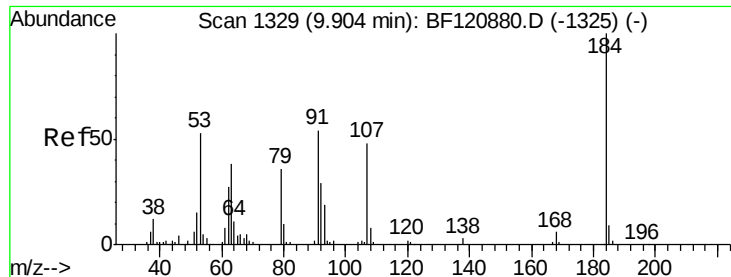
#50
Dimethylphthalate
Concen: 5.854 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

Tgt Ion:163 Resp: 133396
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.7 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

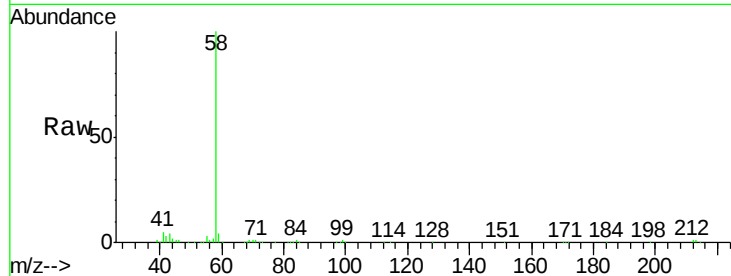




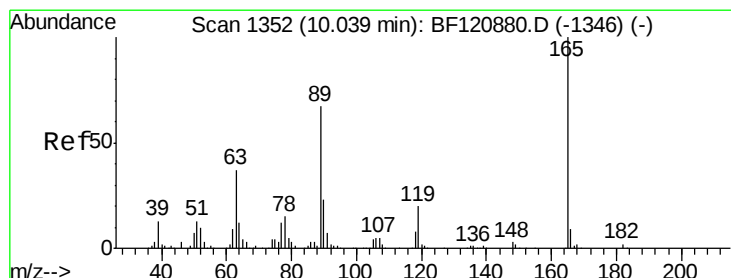
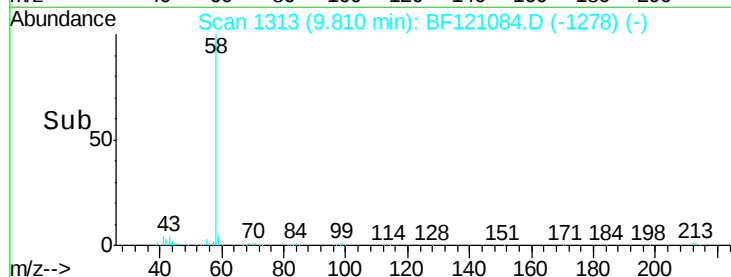
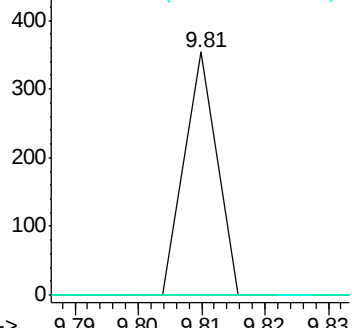
#54
2,4-Dinitrophenol
Concen: 6.874 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.09 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

Instrument :
BNA_F
ClientSampleId :
20200440-3001C

Tot Ion:184 Resp: 125
Ion Ratio Lower Upper
184 100
63 0.0 57.9 86.9#
154 0.0 52.6 78.8#

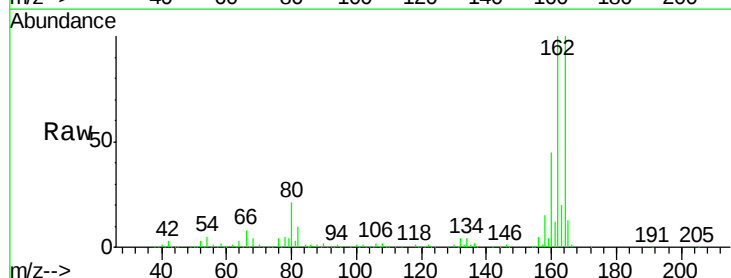


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

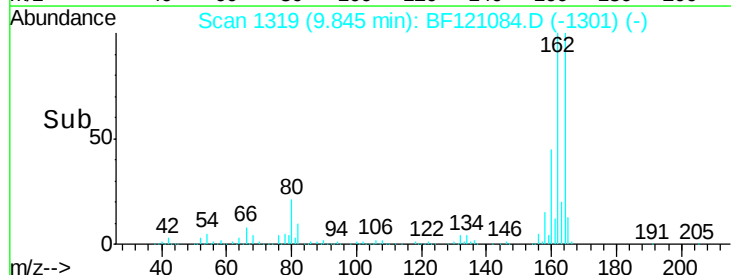
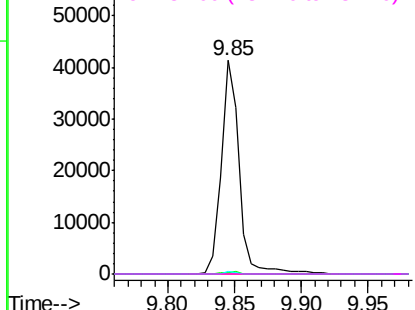


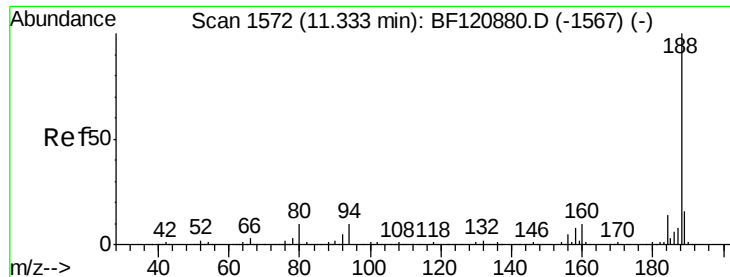
#57
2,4-Dinitrotoluene
Concen: 6.143 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

Tgt Ion:165 Resp: 39497
Ion Ratio Lower Upper
165 100
63 0.9 29.4 44.2#
89 1.2 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

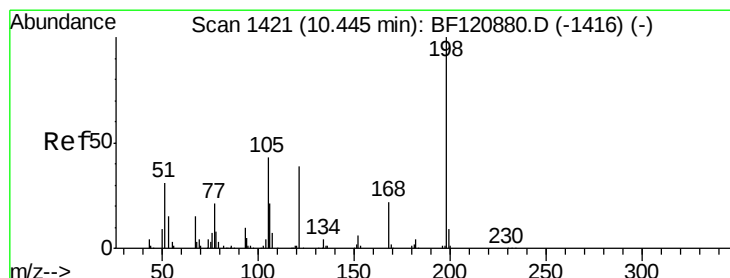
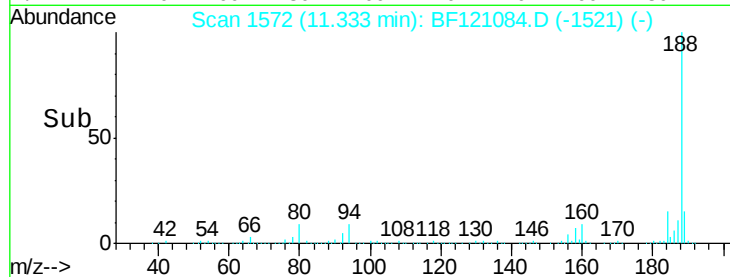
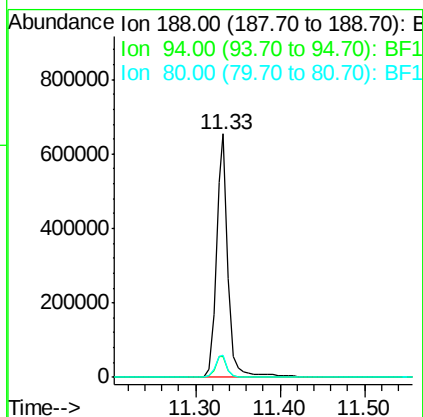
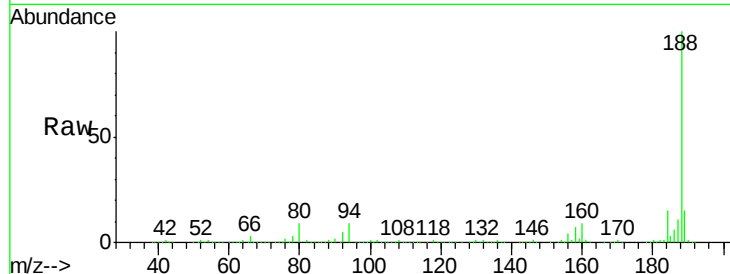




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF121084.D
 Acq: 28 Jul 2020 22:56

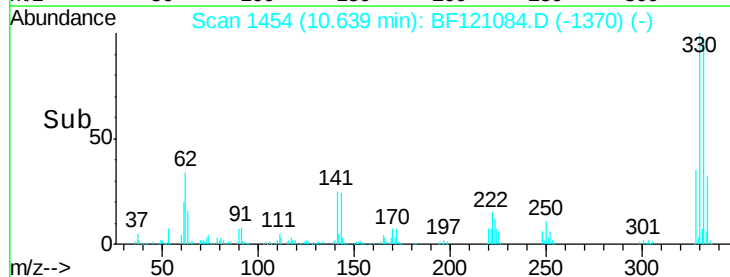
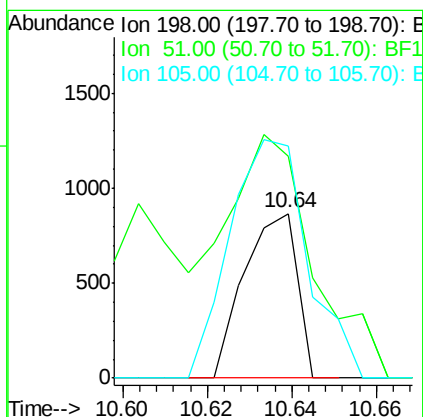
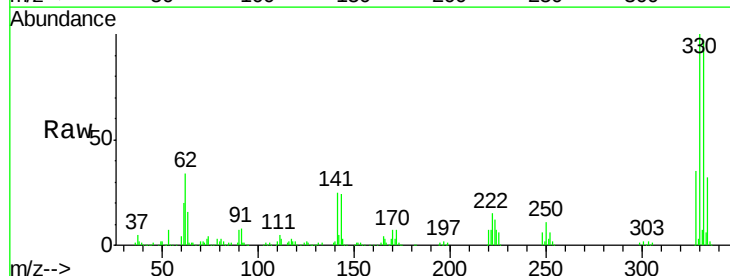
Instrument :
 BNA_F
 ClientSampleId :
 20200440-3001C

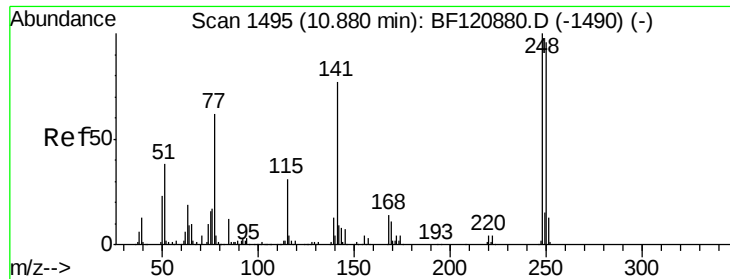
Tot Ion:188 Resp: 641422
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.0 12.0
 80 9.3 8.3 12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.030 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF121084.D
 Acq: 28 Jul 2020 22:56

Tgt Ion:198 Resp: 756
 Ion Ratio Lower Upper
 198 100
 51 134.9 19.5 59.5#
 105 140.9 24.4 64.4#

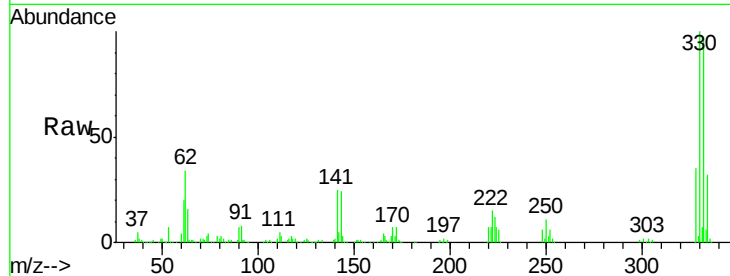




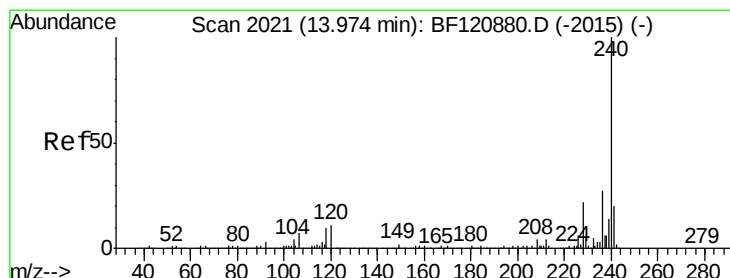
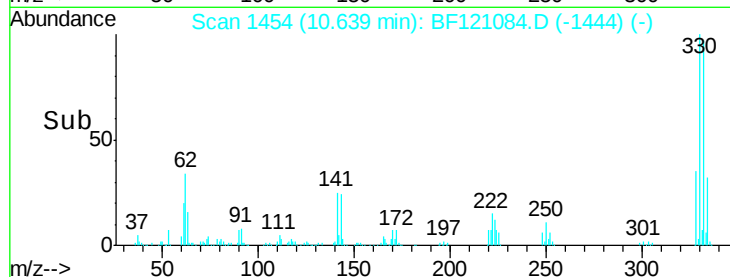
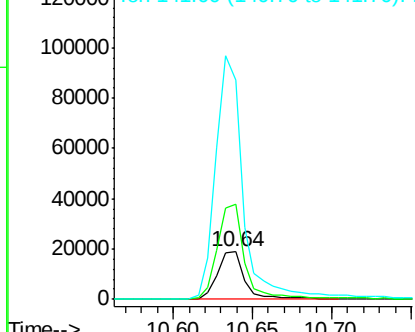
#67
4-Bromophenyl-phenylether
Concen: 3.226 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

Instrument :
BNA_F
ClientSampleId :
20200440-3001C

Tot Ion:248 Resp: 23073
Ion Ratio Lower Upper
248 100
250 201.0 77.1 115.7#
141 460.1 61.2 91.8#

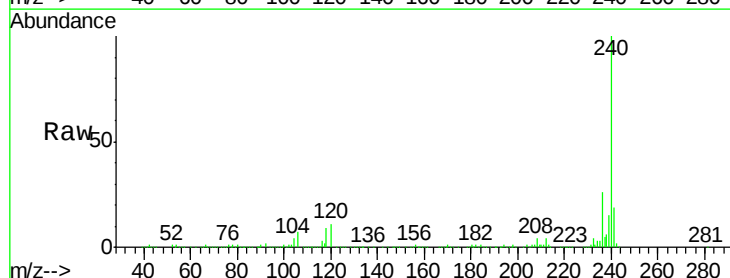


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

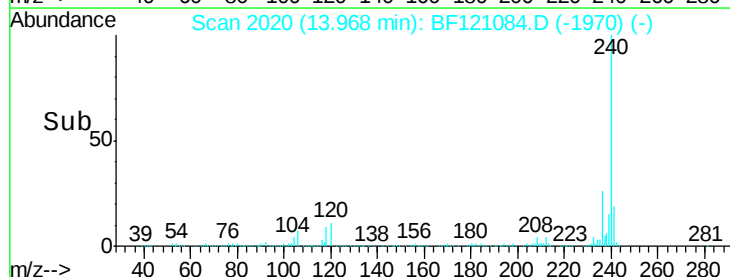
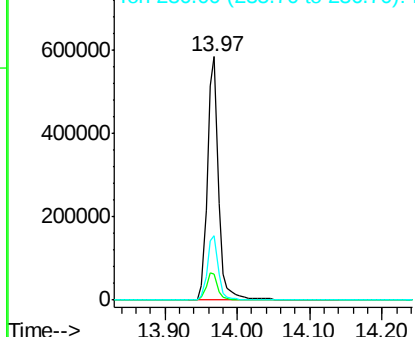


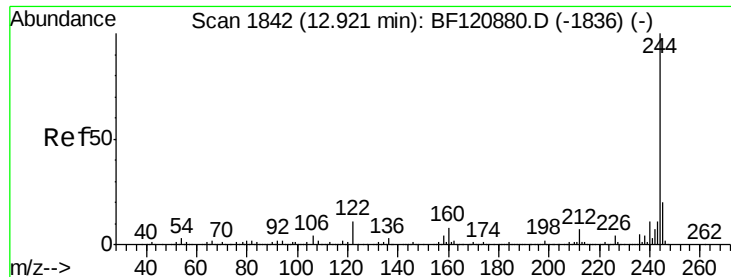
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

Tgt Ion:240 Resp: 624707
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 26.3 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: 56.678 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121084.D

Acq: 28 Jul 2020 22:56

Instrument :

BNA_F

ClientSampleId :

20200440-3001C

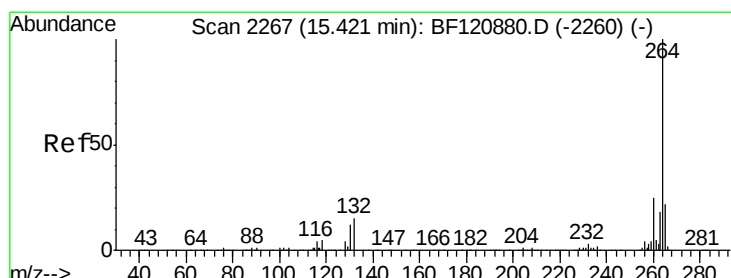
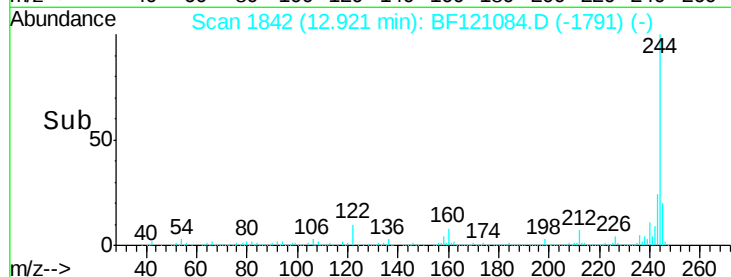
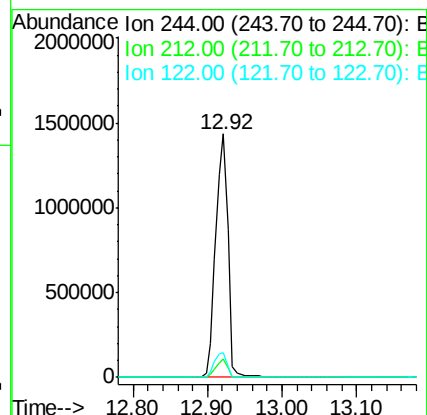
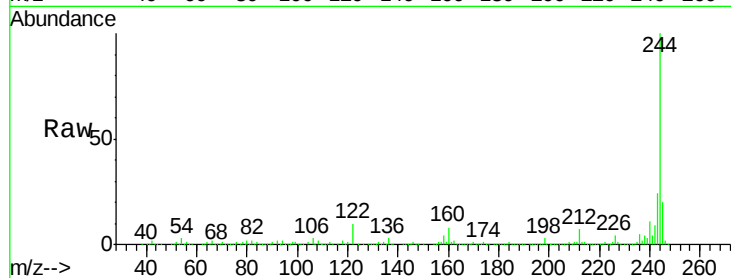
Tot Ion:244 Resp: 1628817

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.1 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF121084.D

Acq: 28 Jul 2020 22:56

Tgt Ion:264 Resp: 631469

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 21.6 17.4 26.2

