

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120964.D
 Acq On : 22 Jul 2020 14:51
 Operator : JU/CG
 Sample : PB130393TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 22 17:11:26 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	6.82	152	166738	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	640215	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	332132	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	629748	20.00	ng	0.00
76) Chrysene-d12	13.97	240	542810	20.00	ng	0.00
86) Perylene-d12	15.42	264	523062	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1096033	107.76	ng	0.01
7) Phenol-d6	6.45	99	1313022	99.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	838402	75.78	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	396987	109.20	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1545092	69.46	ng	0.00
79) Terphenyl-d14	12.92	244	1584269	63.44	ng	0.00

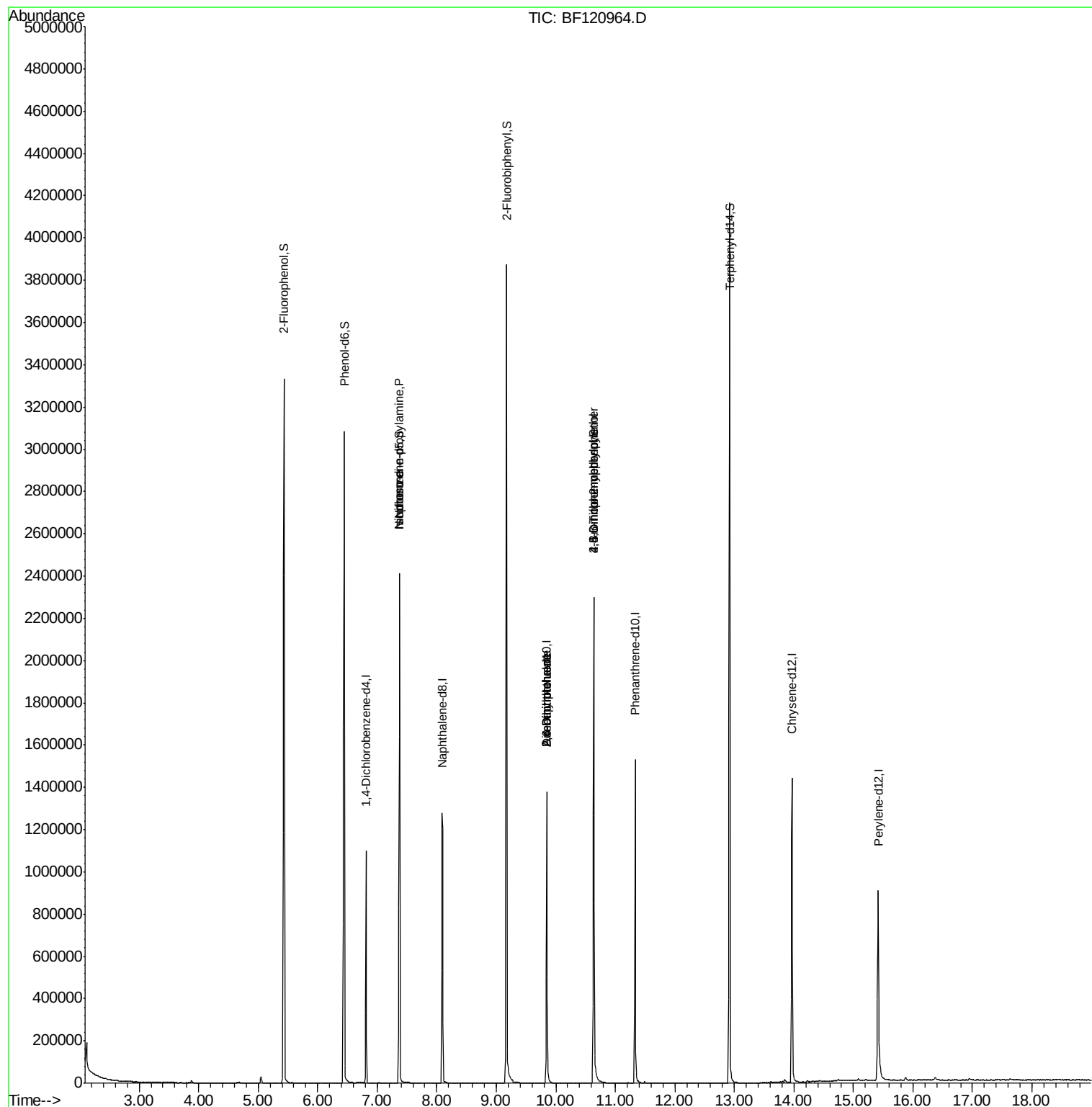
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	1864	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	109181	14.614	ng	# 78
25) Isophorone	7.37	82	838394	37.967	ng	# 63
50) Dimethylphthalate	9.85	163	68260	2.849	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	41188	8.001	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	41188	6.093	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	685	4.015	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	22452	3.198	ng	# 1

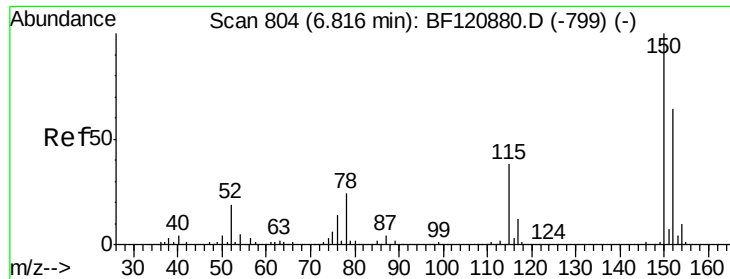
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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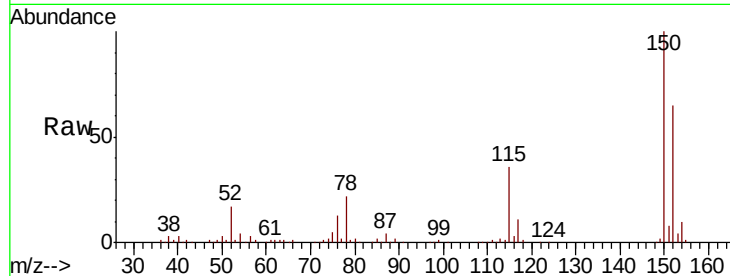


#1

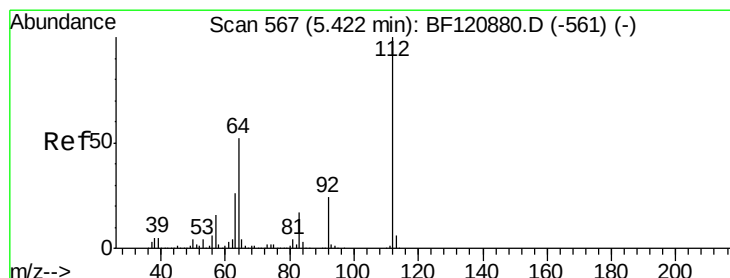
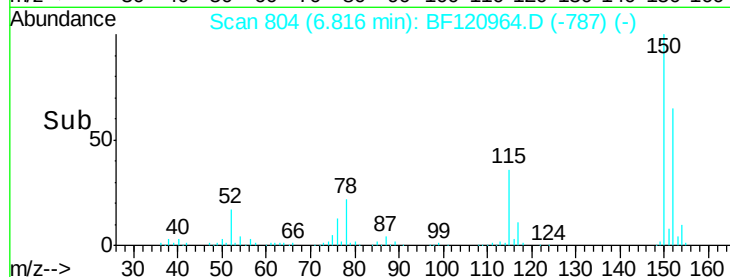
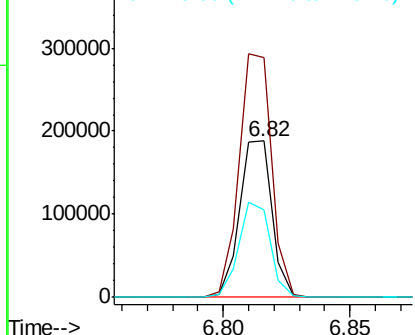
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120964.D
Acq: 22 Jul 2020 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166738
Ion Ratio Lower Upper
152 100
150 153.4 125.0 187.6
115 55.9 47.0 70.4



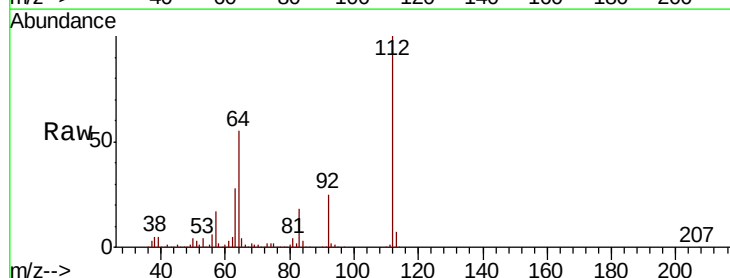
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



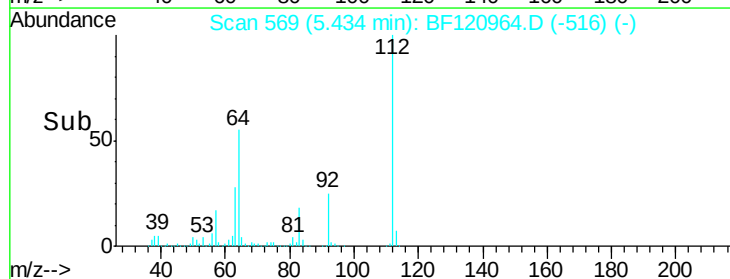
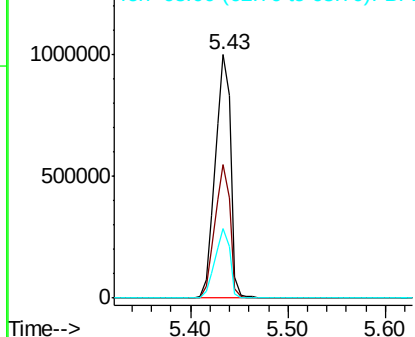
#5

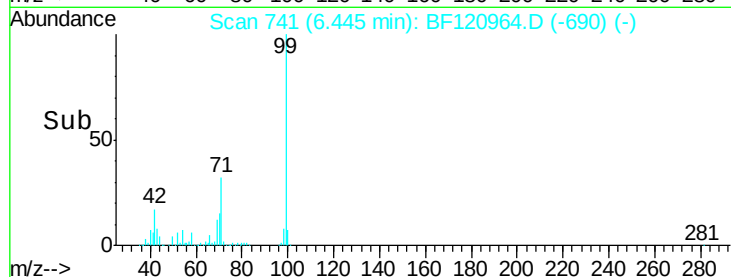
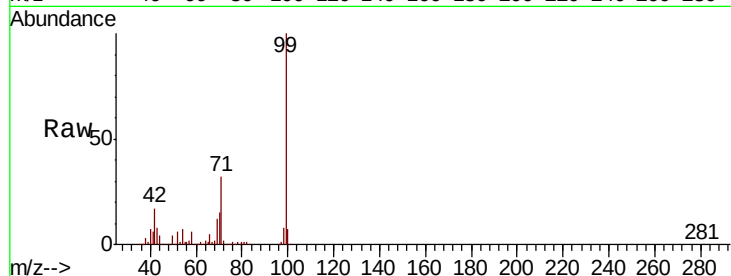
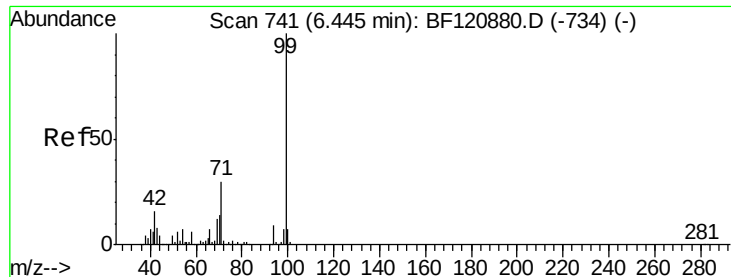
2-Fluorophenol
Concen: 107.761 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120964.D
Acq: 22 Jul 2020 14:51

Tgt Ion:112 Resp: 1096033
Ion Ratio Lower Upper
112 100
64 55.1 41.3 61.9
63 28.4 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: 99.939 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF120964.D

Acq: 22 Jul 2020 14:51

Instrument :

BNA_F

ClientSampleId :

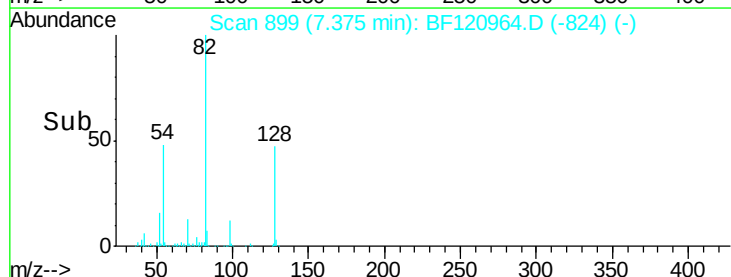
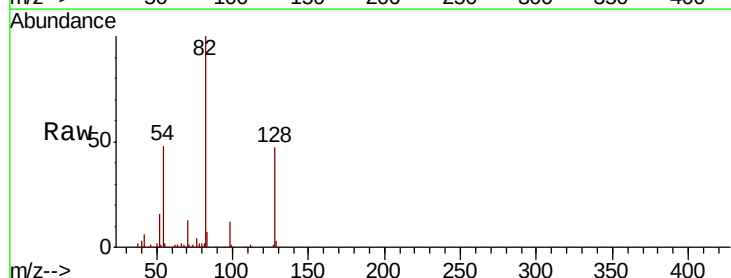
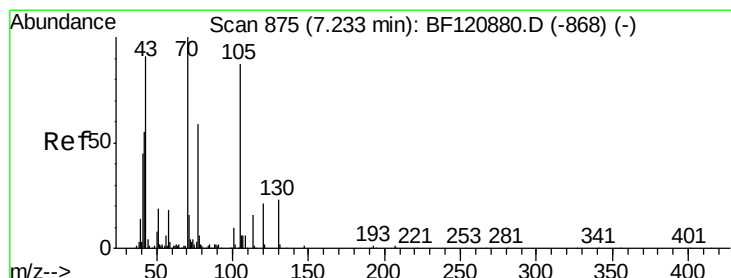
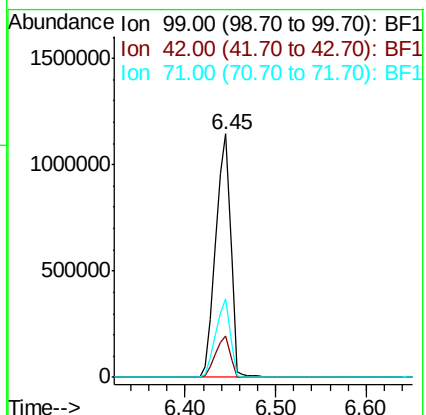
Tot Ion: 99 Resp: 1313022

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 32.0 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.614 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120964.D

Acq: 22 Jul 2020 14:51

Tgt Ion: 70 Resp: 109181

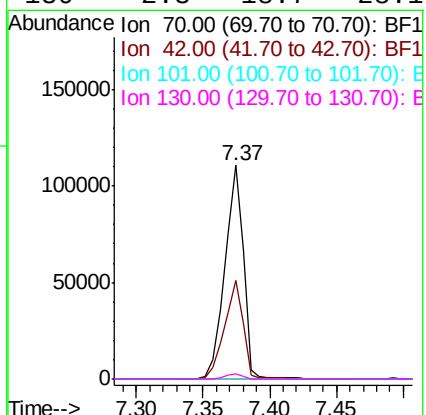
Ion Ratio Lower Upper

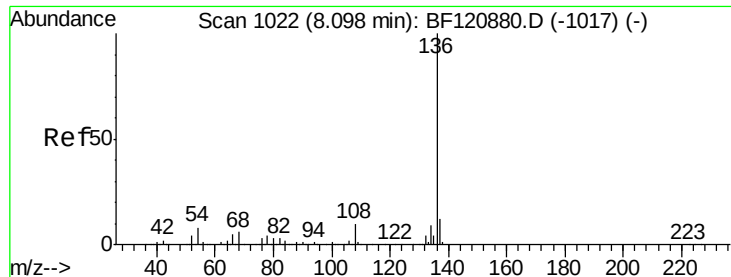
70 100

42 46.4 44.0 66.0

101 0.0 7.8 11.6#

130 2.3 18.7 28.1#

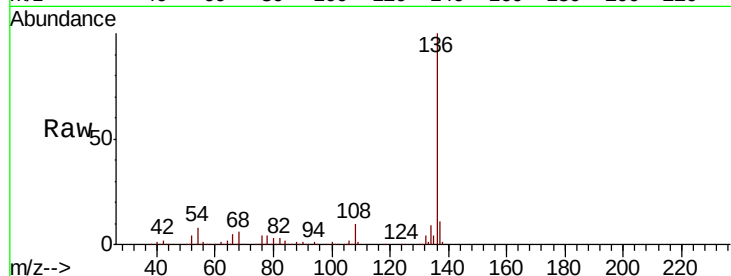




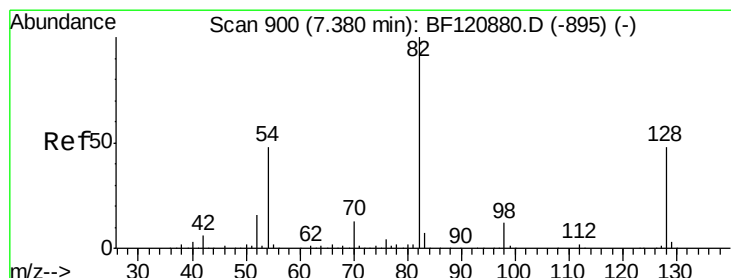
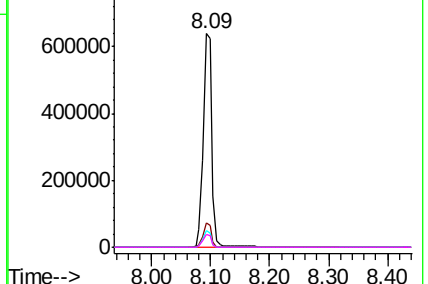
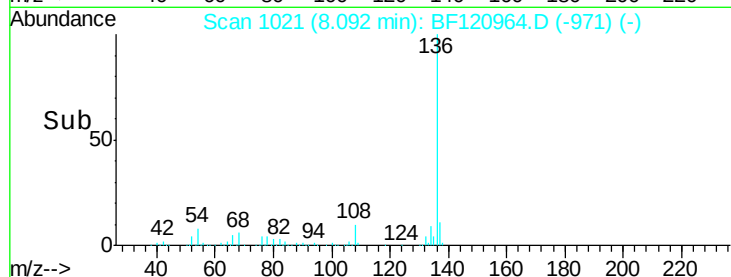
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF120964.D
Acq: 22 Jul 2020 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	640215
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	7.9	6.3	9.5
68	6.3	5.0	7.4

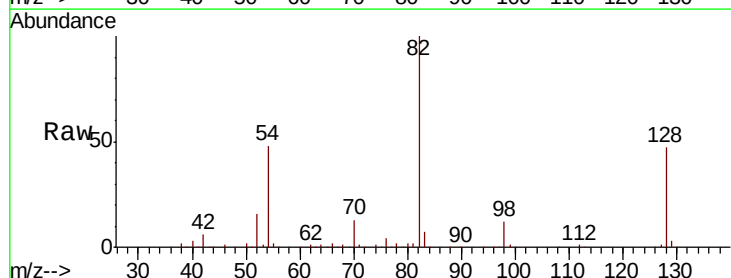


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

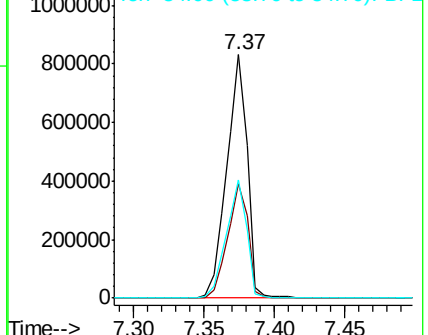
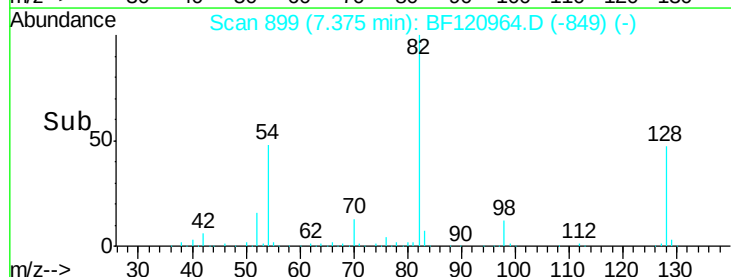


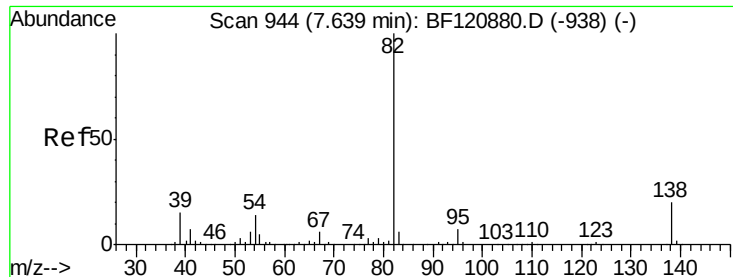
#23
Nitrobenzene-d5
Concen: 75.775 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120964.D
Acq: 22 Jul 2020 14:51

Tgt Ion:	82	Resp:	838402
Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.2	57.4
54	48.5	38.7	58.1



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

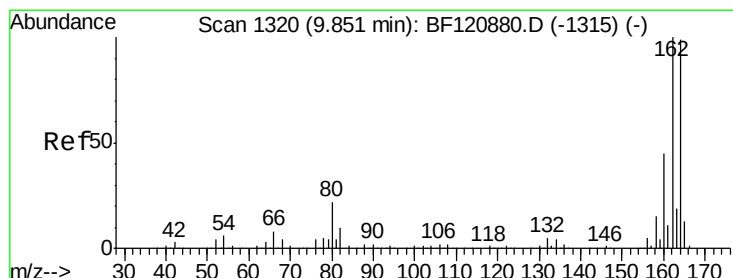
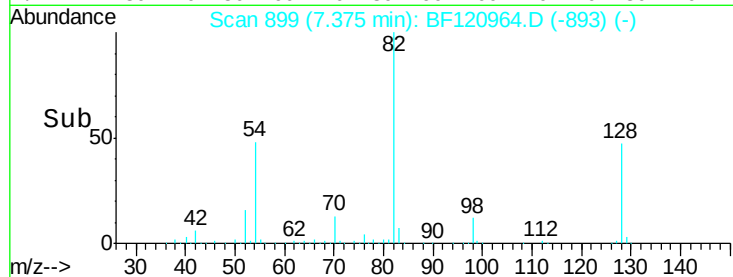
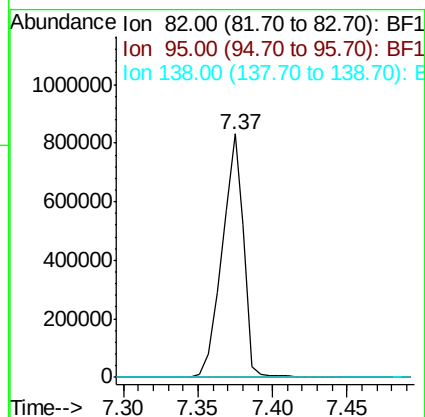
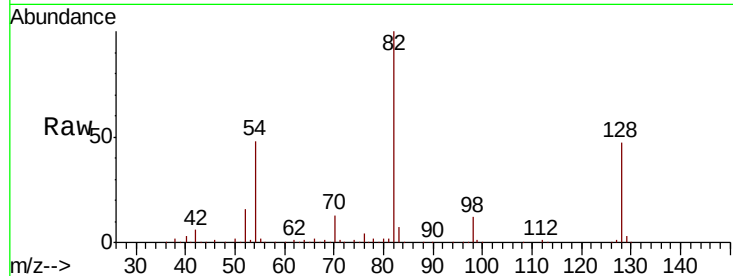




#25
Isophorone
Concen: 37.967 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120964.D
Acq: 22 Jul 2020 14:51

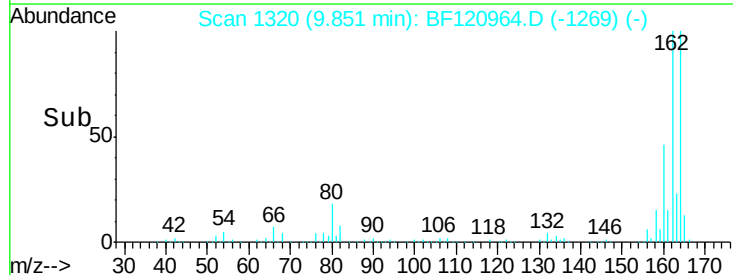
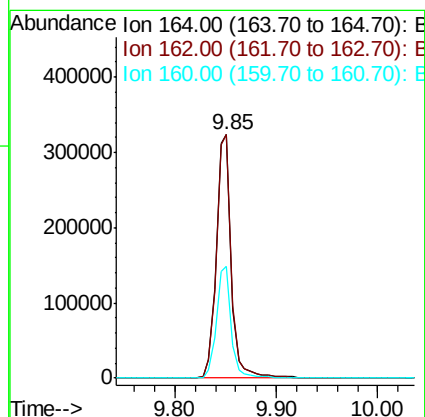
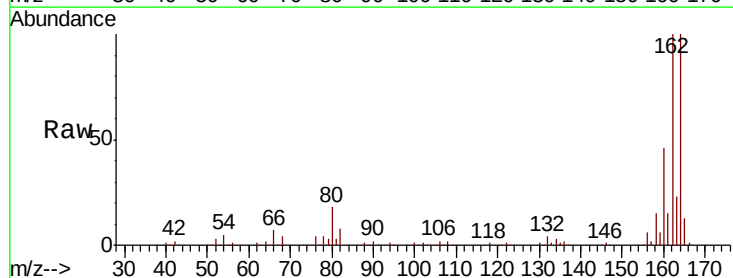
Instrument :
BNA_F
ClientSampled :

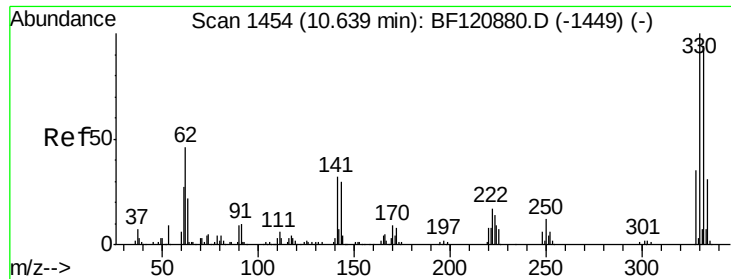
Tot Ion: 82 Resp: 838394
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF120964.D
Acq: 22 Jul 2020 14:51

Tgt Ion: 164 Resp: 332132
Ion Ratio Lower Upper
164 100
162 100.1 81.2 121.8
160 46.0 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 109.197 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF120964.D

Acq: 22 Jul 2020 14:51

Instrument :

BNA_F

ClientSampleId :

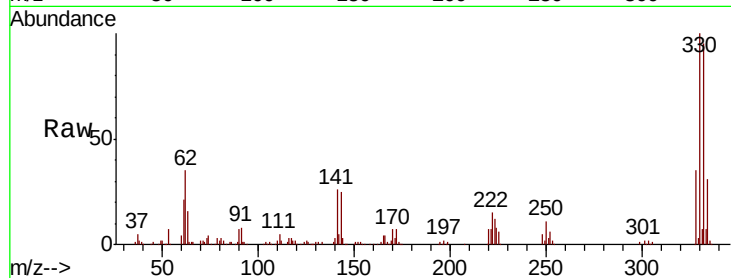
Tot Ion:330 Resp: 396987

Ion Ratio Lower Upper

330 100

332 94.6 75.5 113.3

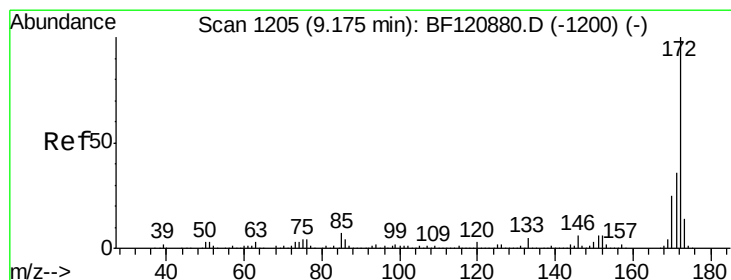
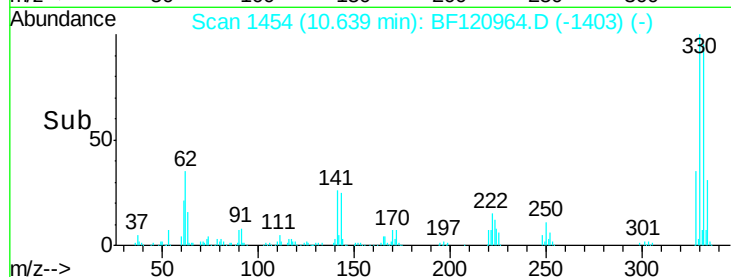
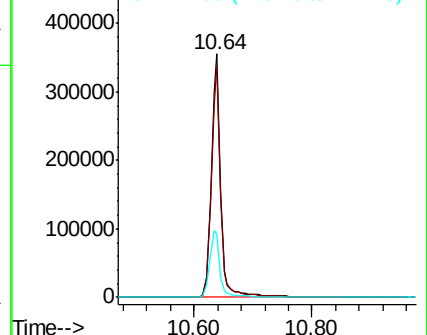
141 30.6 25.7 38.5



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: 69.457 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF120964.D

Acq: 22 Jul 2020 14:51

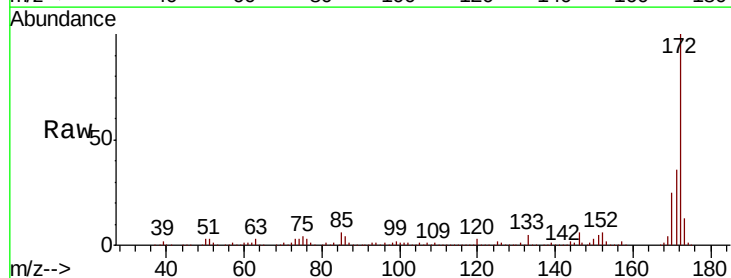
Tgt Ion:172 Resp: 1545092

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

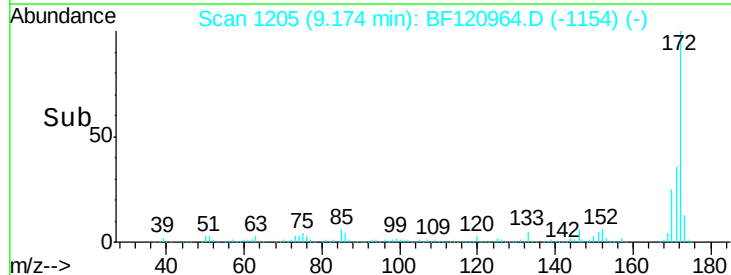
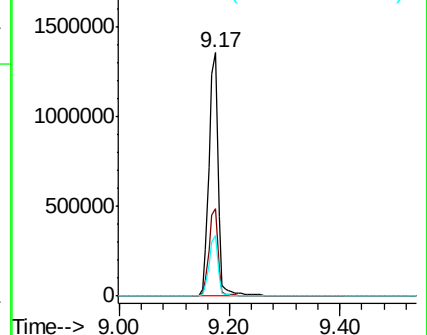
170 24.7 19.6 29.4

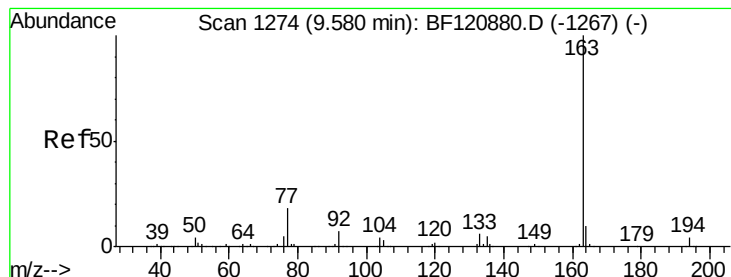


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.849 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.27 min

Lab File: BF120964.D

Acq: 22 Jul 2020 14:51

Instrument :

BNA_F

ClientSampleId :

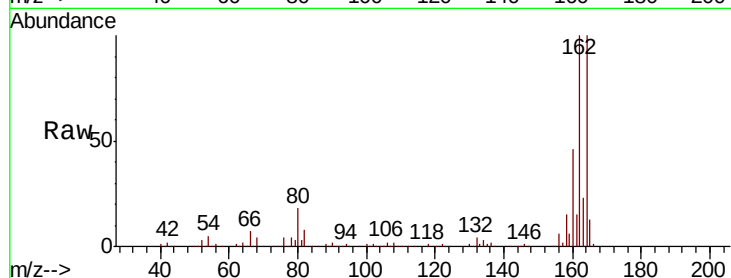
Tot Ion:163 Resp: 68260

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

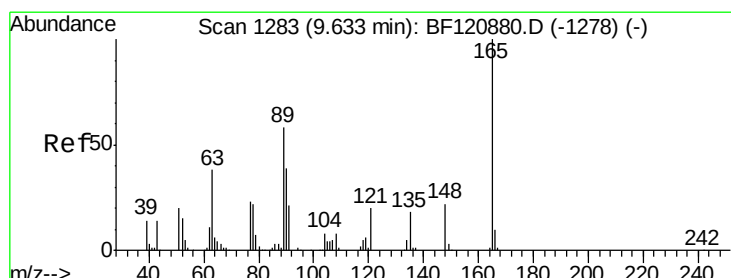
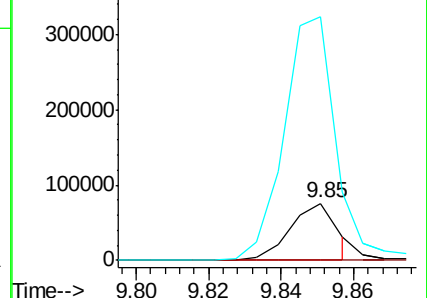
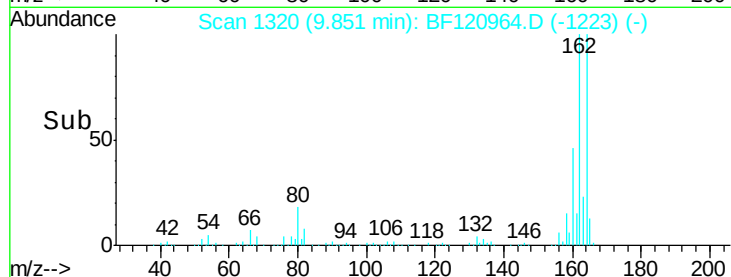
164 428.7 7.9 11.9#



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



#51

2,6-Dinitrotoluene

Concen: 8.001 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.22 min

Lab File: BF120964.D

Acq: 22 Jul 2020 14:51

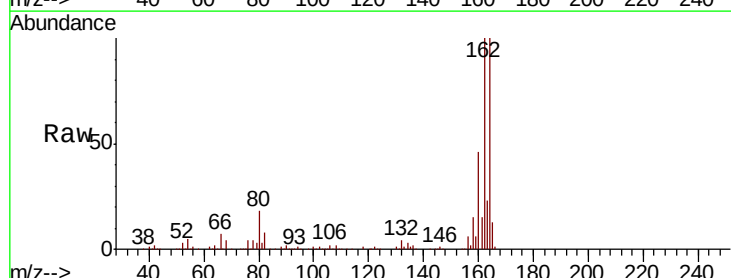
Tgt Ion:165 Resp: 41188

Ion Ratio Lower Upper

165 100

63 1.0 45.4 68.2#

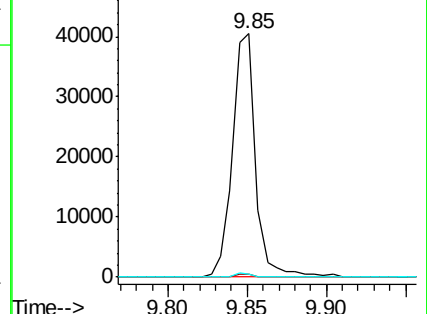
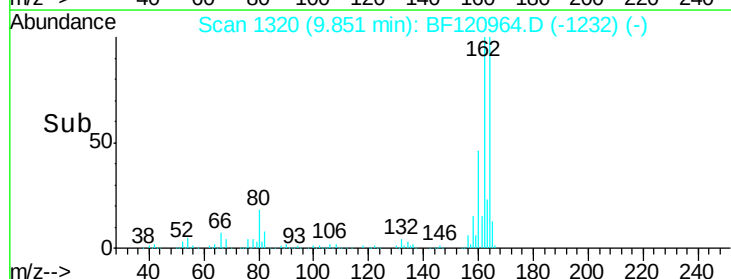
89 1.1 47.0 70.4#

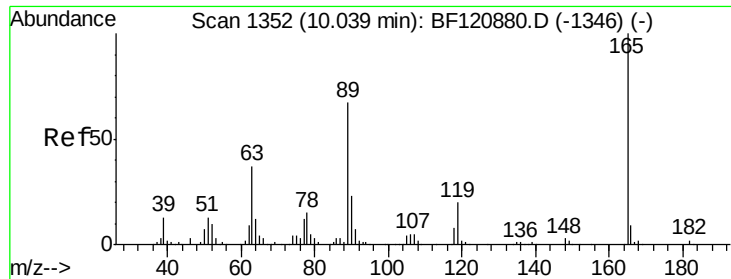


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

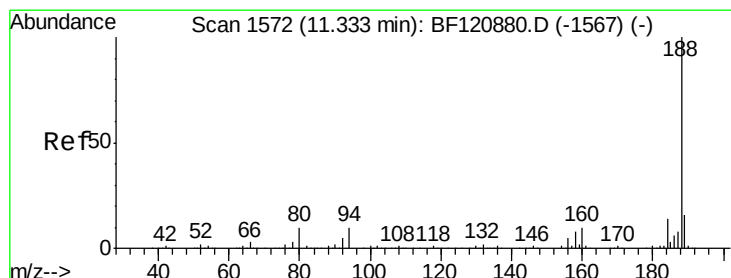
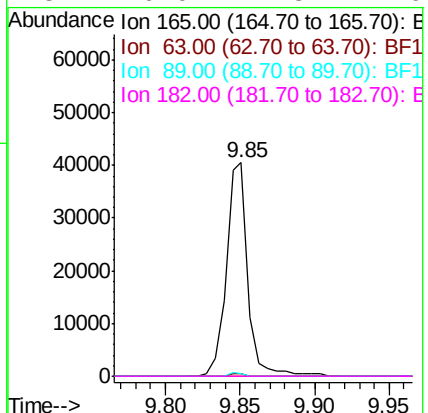
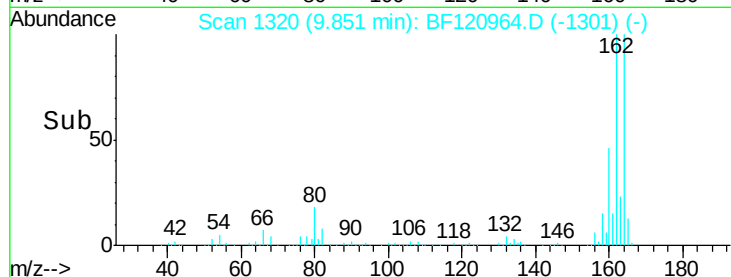
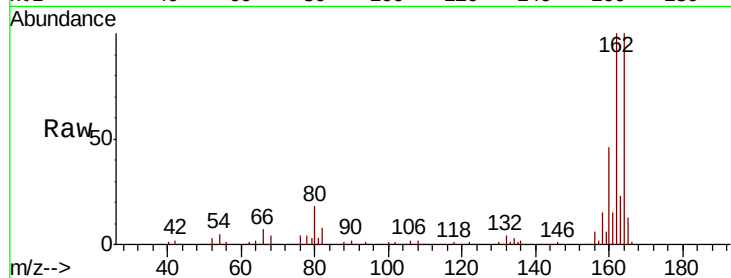




#57
 2,4-Dinitrotoluene
 Concen: 6.093 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF120964.D
 Acq: 22 Jul 2020 14:51

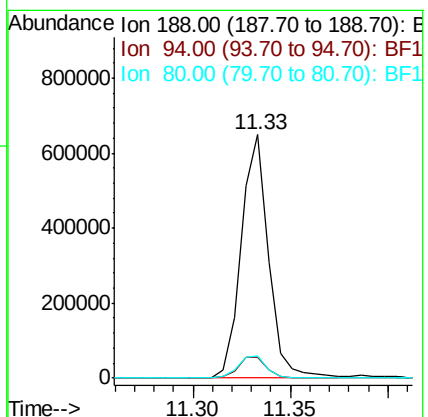
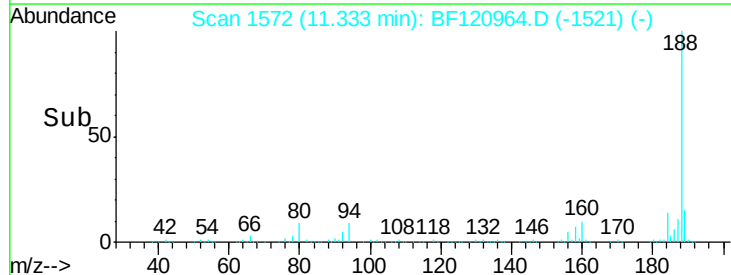
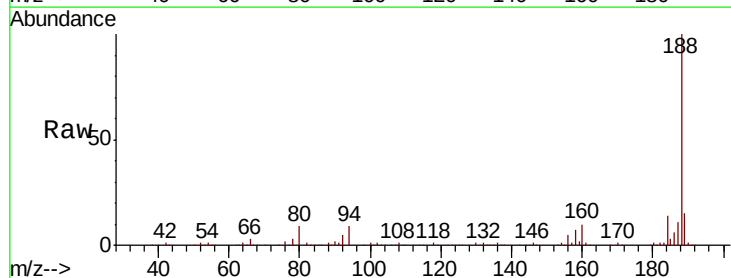
Instrument :
 BNA_F
 ClientSampleId :

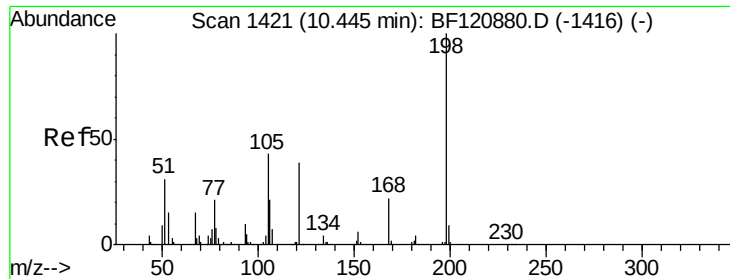
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.4	44.2#
89	1.1	53.4	80.0#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF120964.D
 Acq: 22 Jul 2020 14:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.0	12.0
80	9.0	8.3	12.5

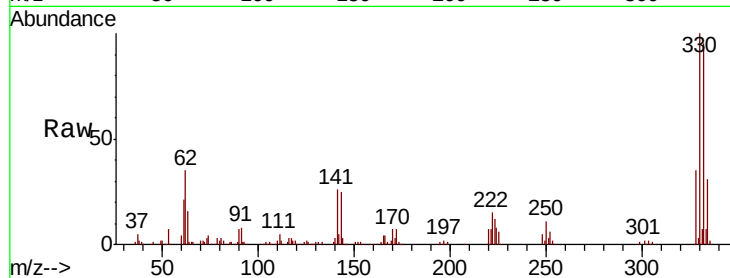




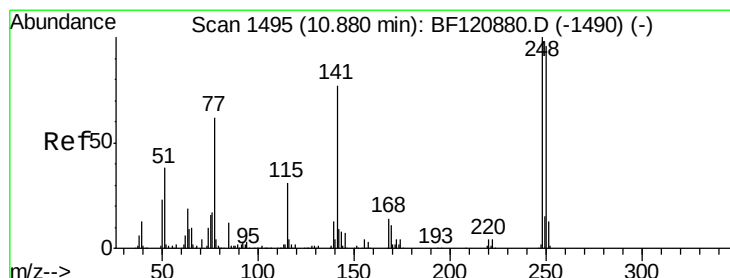
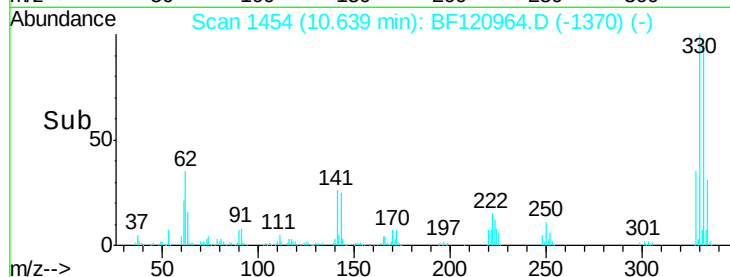
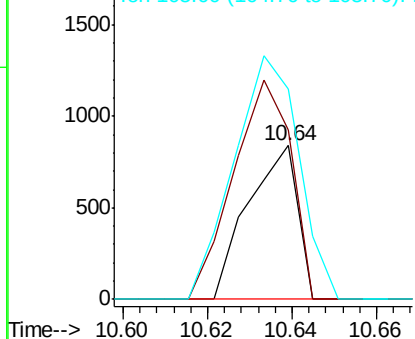
#65
4,6-Dinitro-2-methylphenol
Concen: 4.015 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF120964.D
Acq: 22 Jul 2020 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 685
Ion Ratio Lower Upper
198 100
51 110.4 19.5 59.5#
105 136.8 24.4 64.4#

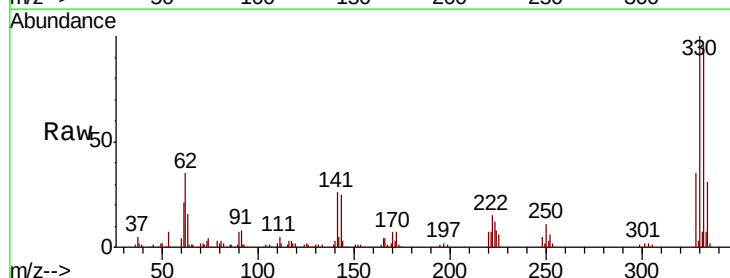


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

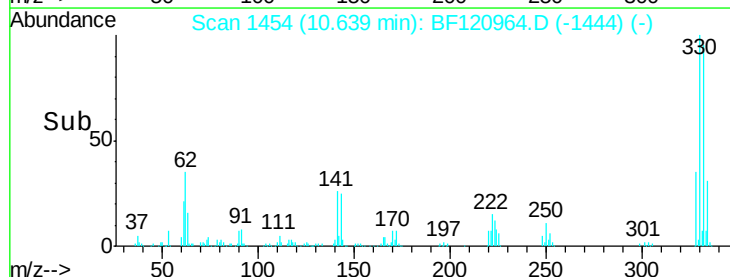
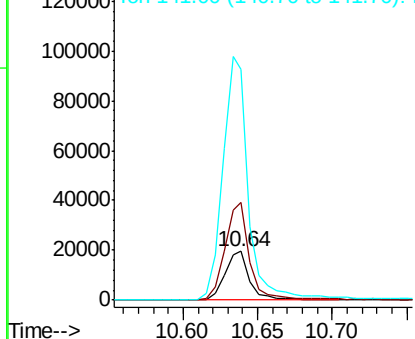


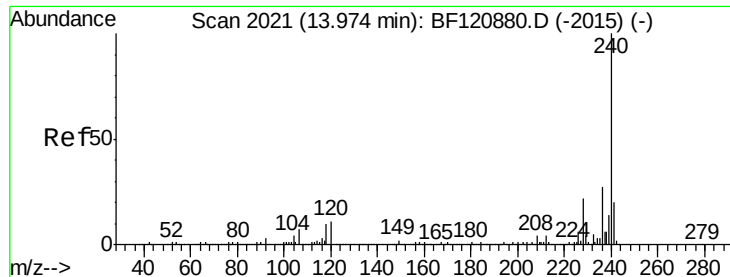
#67
4-Bromophenyl-phenylether
Concen: 3.198 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120964.D
Acq: 22 Jul 2020 14:51

Tgt Ion:248 Resp: 22452
Ion Ratio Lower Upper
248 100
250 200.2 77.1 115.7#
141 475.7 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: BF120964.D

Acq: 22 Jul 2020 14:51

Instrument :

BNA_F

ClientSampleId :

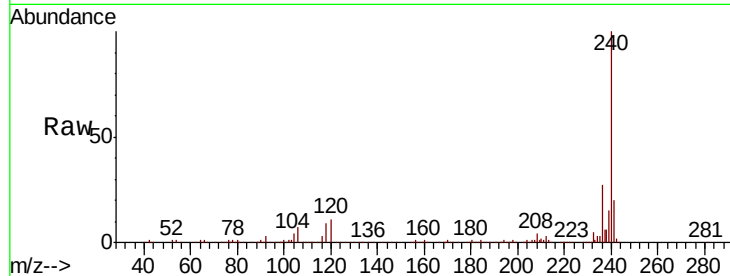
Tot Ion:240 Resp: 542810

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

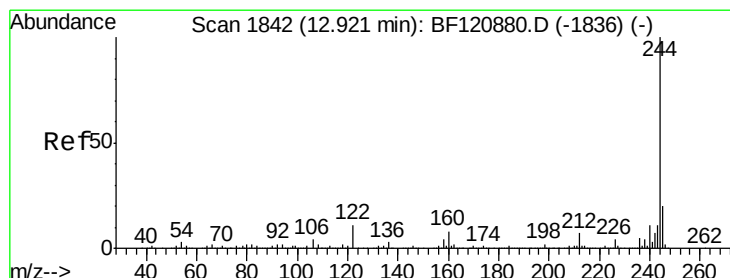
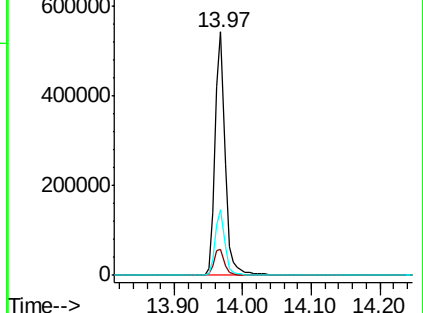
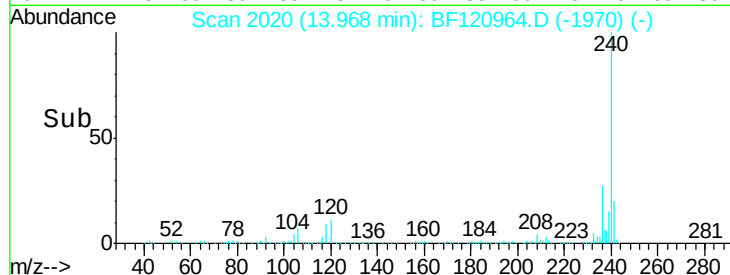
236 27.0 21.7 32.5



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: 63.445 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF120964.D

Acq: 22 Jul 2020 14:51

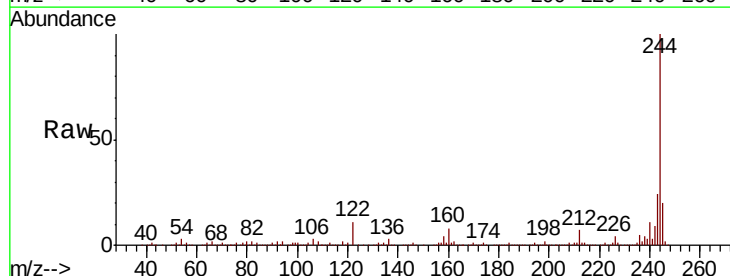
Tgt Ion:244 Resp: 1584269

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

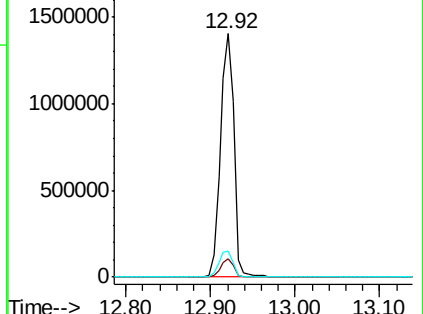
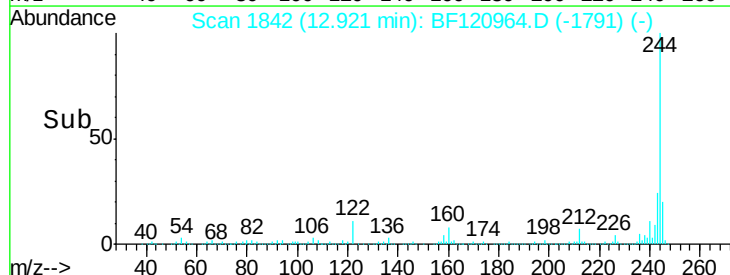
122 10.5 8.9 13.3

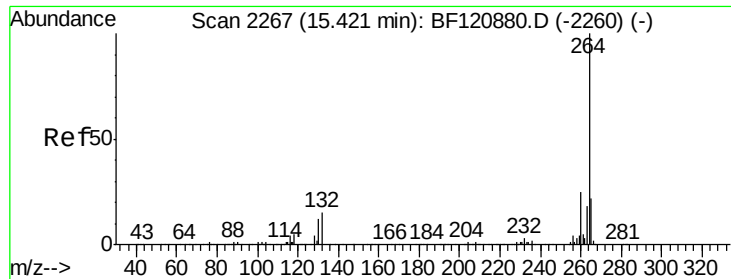


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF120964.D
Acq: 22 Jul 2020 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	22.0	17.4	26.2

