

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120951.D
 Acq On : 21 Jul 2020 12:47
 Operator : JU/CG
 Sample : PB130338BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130338BL

Quant Time: Jul 21 15:29:44 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

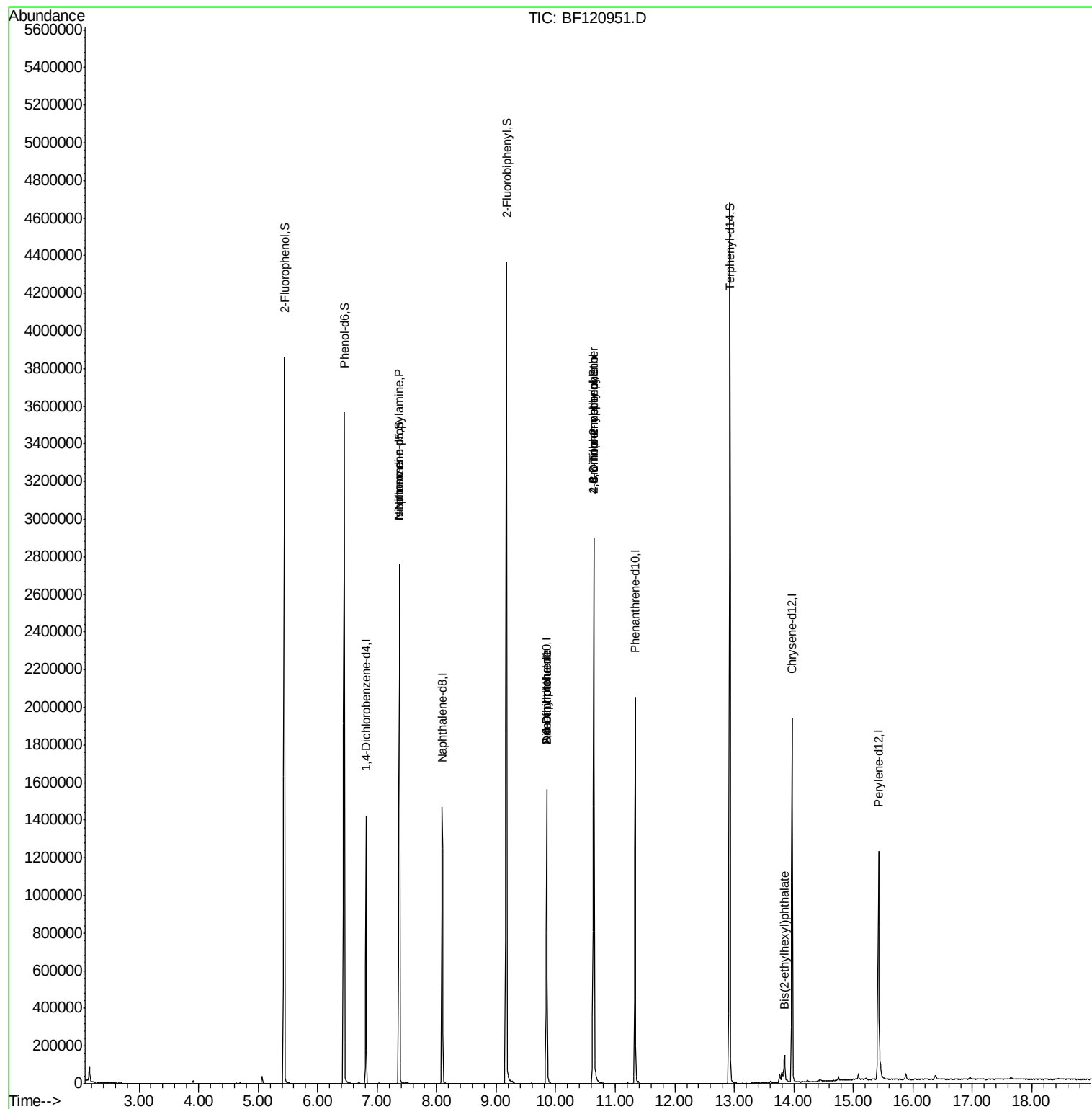
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	203600	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	798604	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	422794	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	815027	20.00	ng	0.00
76) Chrysene-d12	13.97	240	704385	20.00	ng	0.00
86) Perylene-d12	15.42	264	665103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1404919	113.12	ng	0.02
7) Phenol-d6	6.45	99	1712343	106.74	ng	0.00
23) Nitrobenzene-d5	7.37	82	1090005	78.98	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	532077	114.97	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2012255	71.06	ng	0.00
79) Terphenyl-d14	12.93	244	1979803	61.10	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	2431	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.37	70	143319	15.710	ng	# 78
25) Isophorone	7.37	82	1082321	39.293	ng	# 63
50) Dimethylphthalate	9.85	163	90487	2.967	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	53959	8.234	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	53959	6.270	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	990	4.036	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	30542	3.361	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.85	149	65426	2.390	ng	# 52

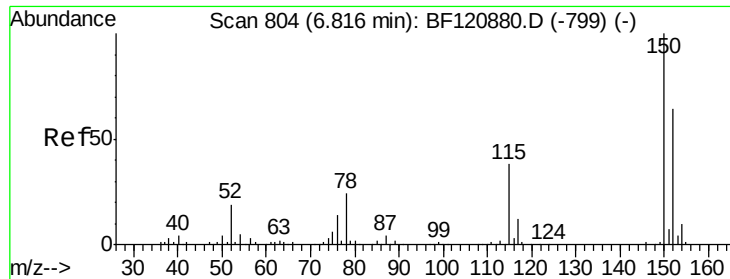
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration



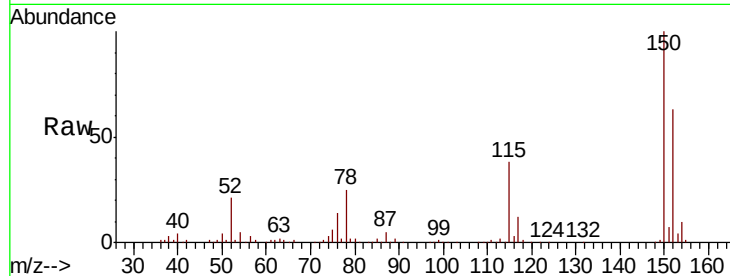


#1

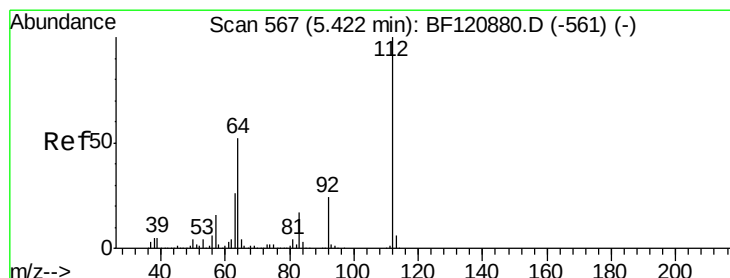
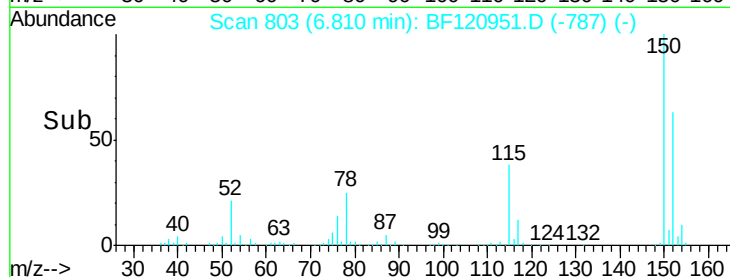
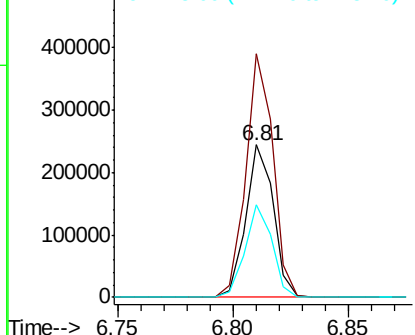
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120951.D
Acq: 21 Jul 2020 12:47

Instrument :
BNA_F
ClientSampleId :
PB130338BL

Tot Ion:152 Resp: 203600
Ion Ratio Lower Upper
152 100
150 159.8 125.0 187.6
115 61.0 47.0 70.4



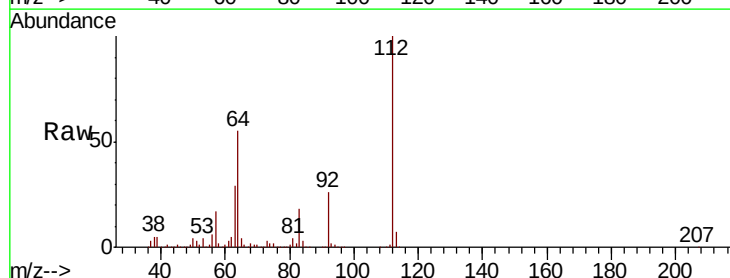
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



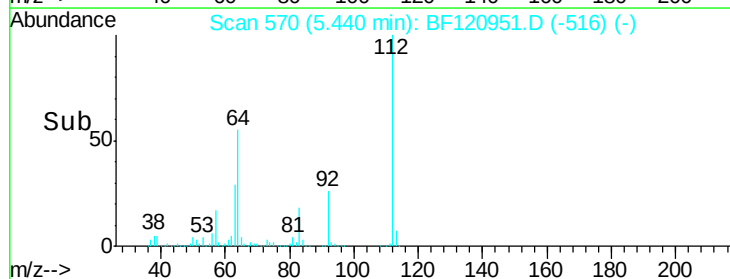
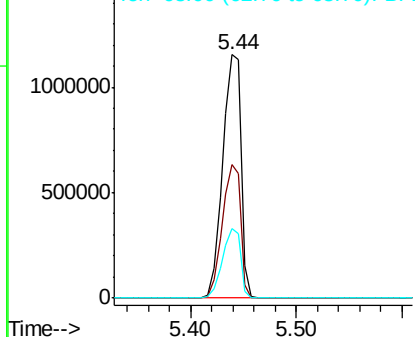
#5

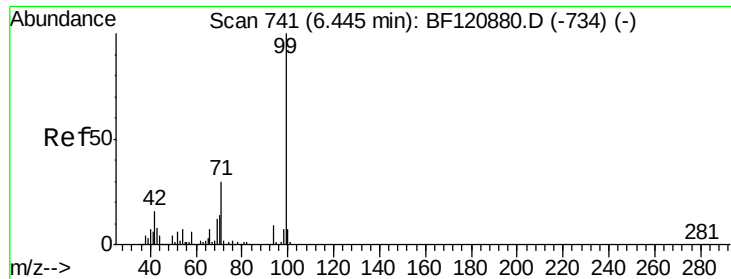
2-Fluorophenol
Concen: 113.122 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF120951.D
Acq: 21 Jul 2020 12:47

Tgt Ion:112 Resp: 1404919
Ion Ratio Lower Upper
112 100
64 55.1 41.3 61.9
63 28.7 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: 106.736 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120951.D

Acq: 21 Jul 2020 12:47

Instrument :

BNA_F

ClientSampleId :

PB130338BL

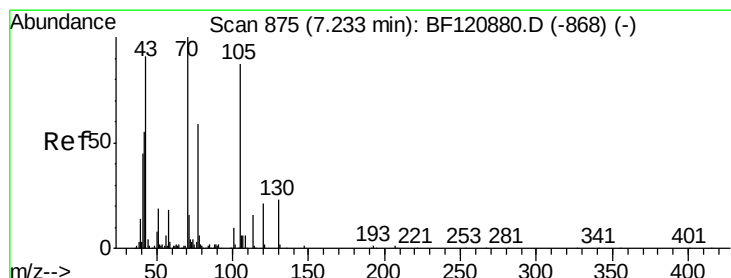
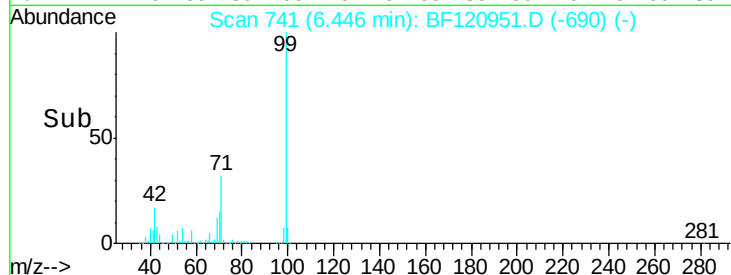
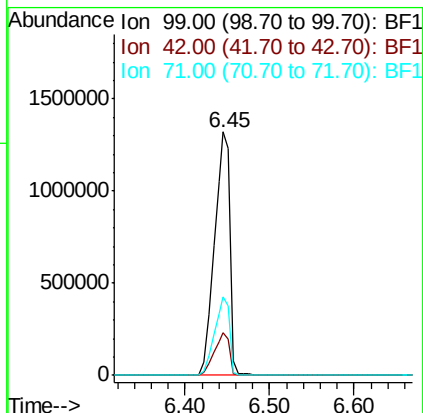
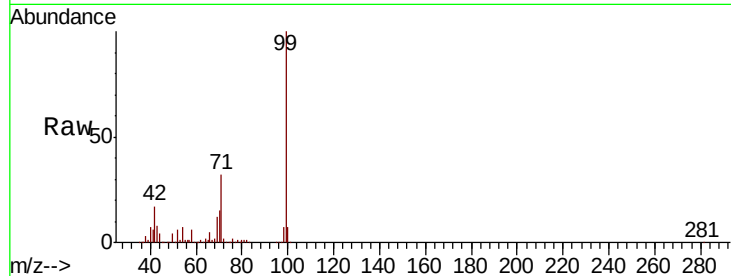
Tot Ion: 99 Resp: 1712343

Ion Ratio Lower Upper

99 100

42 17.3 13.1 19.7

71 32.0 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.710 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120951.D

Acq: 21 Jul 2020 12:47

Tgt Ion: 70 Resp: 143319

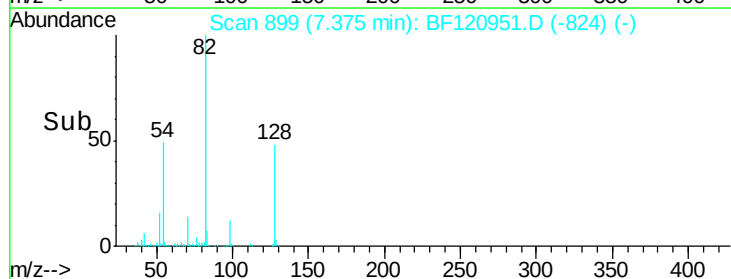
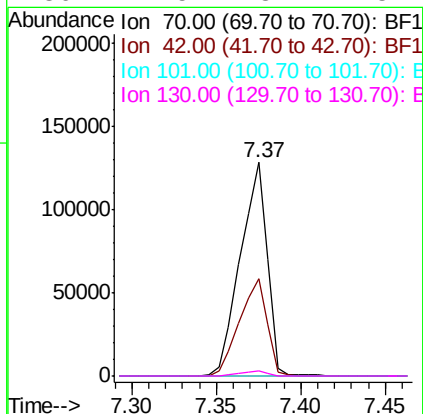
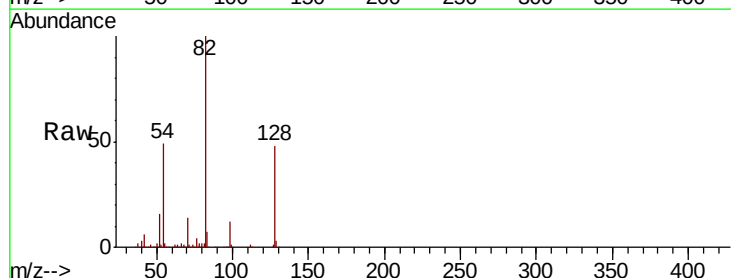
Ion Ratio Lower Upper

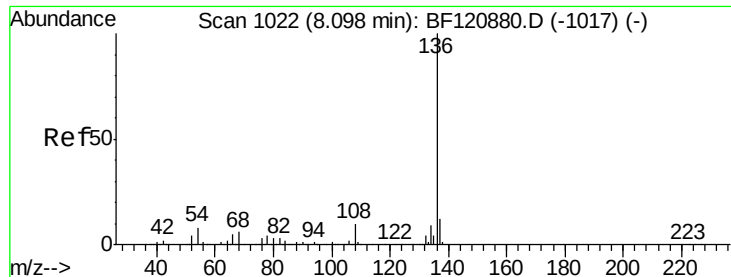
70 100

42 45.7 44.0 66.0

101 0.0 7.8 11.6#

130 2.5 18.7 28.1#

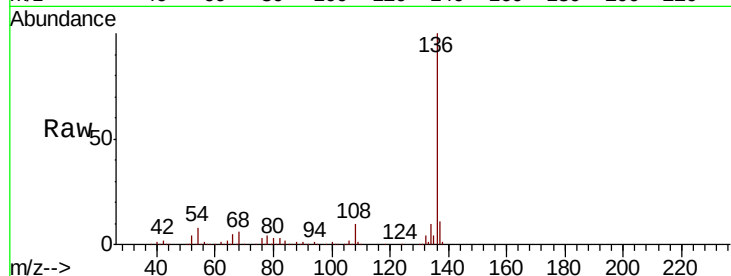




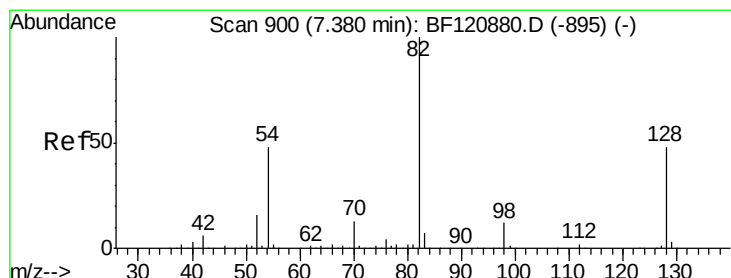
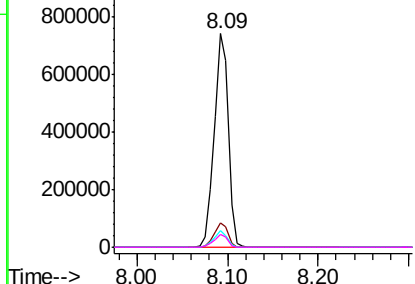
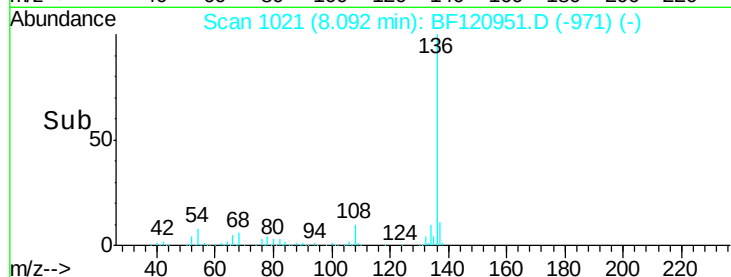
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF120951.D
Acq: 21 Jul 2020 12:47

Instrument :
BNA_F
ClientSampleId :
PB130338BL

Tot Ion:136	Resp:	798604
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.3 13.9
54	7.6	6.3 9.5
68	6.0	5.0 7.4

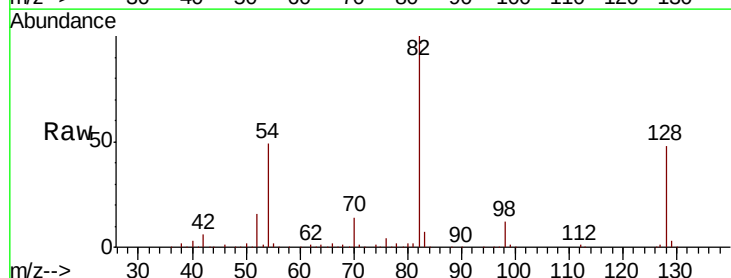


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

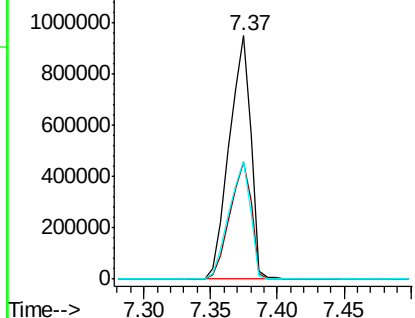
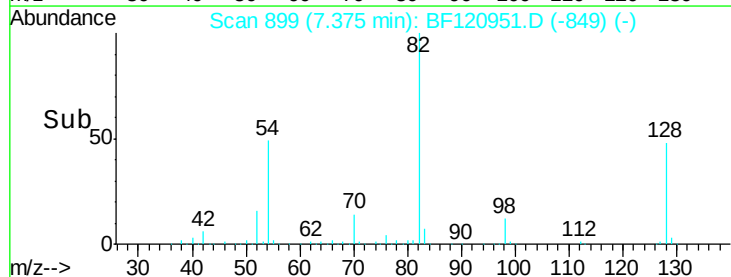


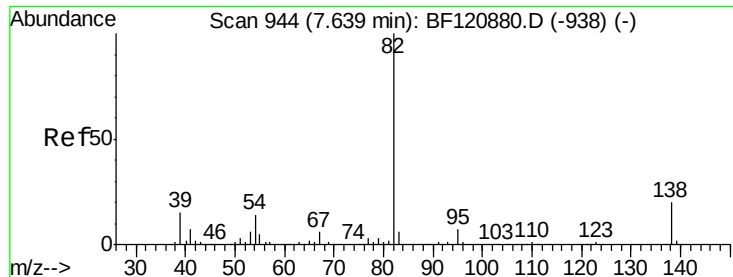
#23
Nitrobenzene-d5
Concen: 78.977 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120951.D
Acq: 21 Jul 2020 12:47

Tgt Ion: 82	Resp:	1090005
Ion	Ratio	Lower Upper
82	100	
128	47.8	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): E
Ion 54.00 (53.70 to 54.70): BF1

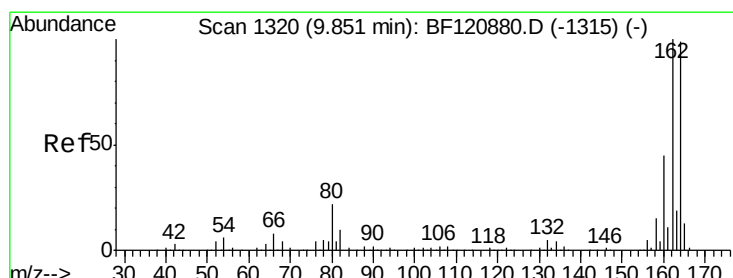
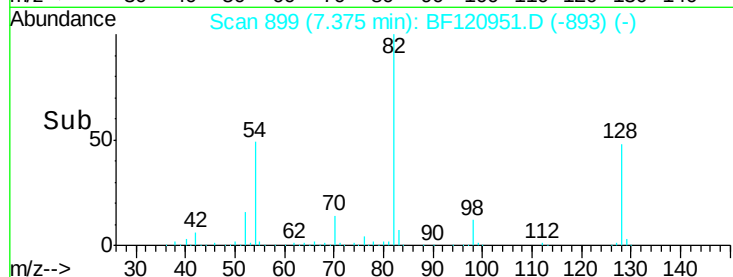
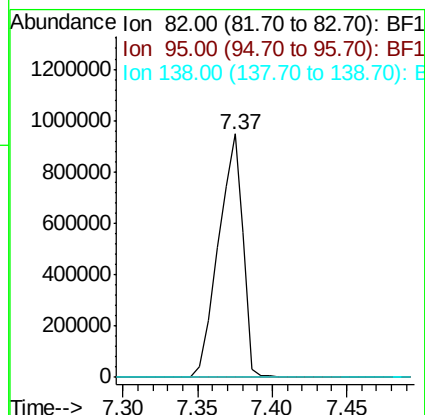
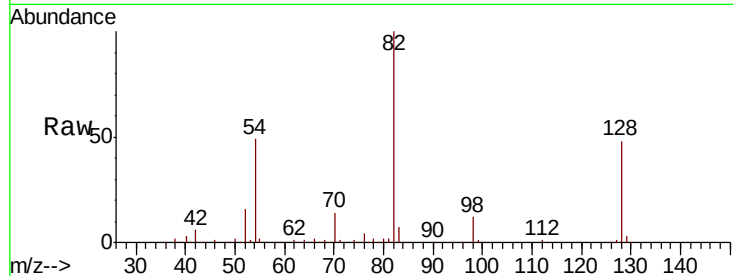




#25
Isophorone
Concen: 39.293 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120951.D
Acq: 21 Jul 2020 12:47

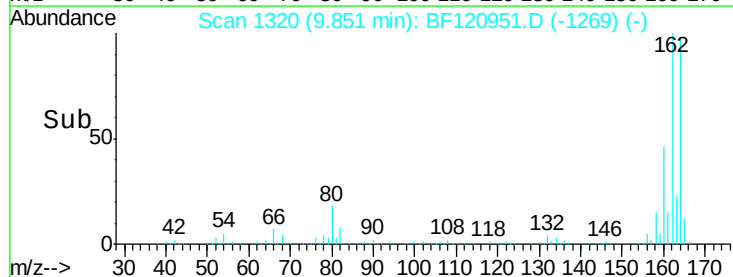
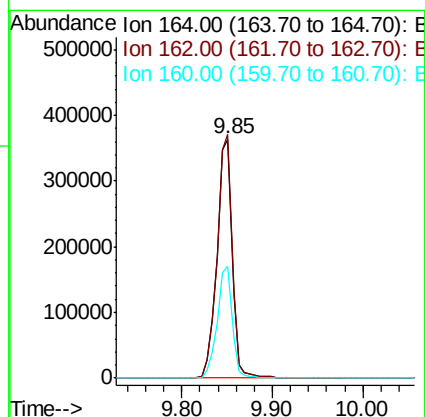
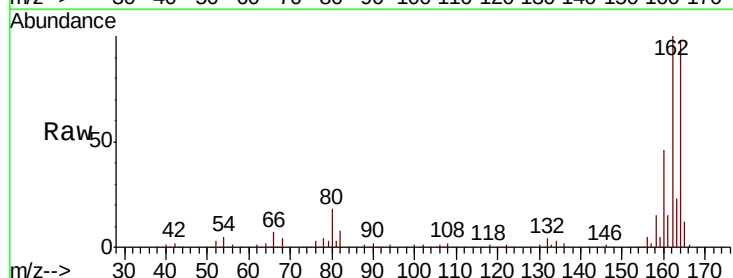
Instrument :
BNA_F
ClientSampleId :
PB130338BL

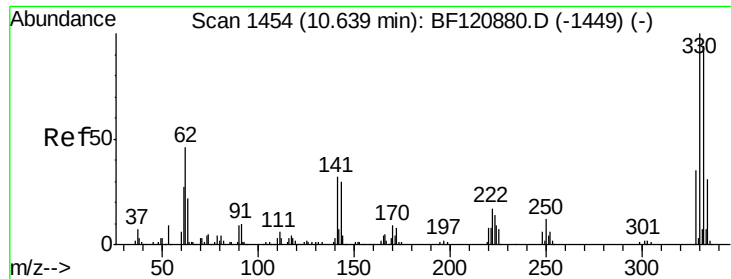
Tot Ion: 82 Resp: 1082321
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120951.D
Acq: 21 Jul 2020 12:47

Tgt Ion: 164 Resp: 422794
Ion Ratio Lower Upper
164 100
162 102.1 81.2 121.8
160 46.9 36.9 55.3

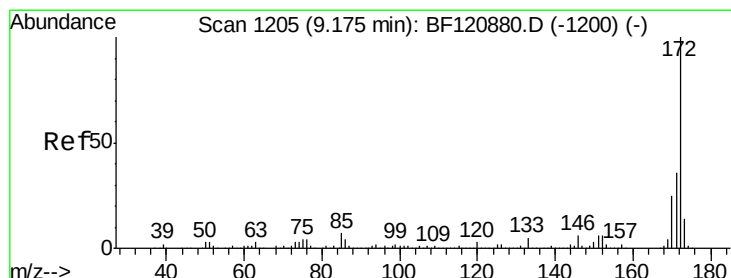
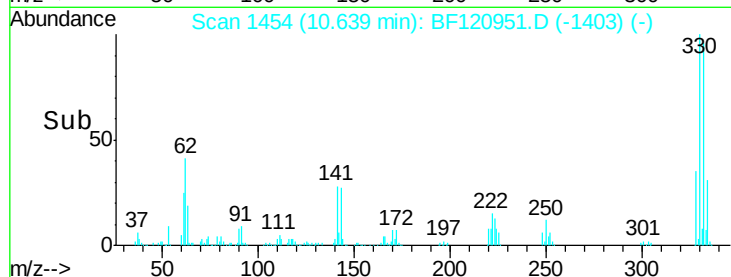
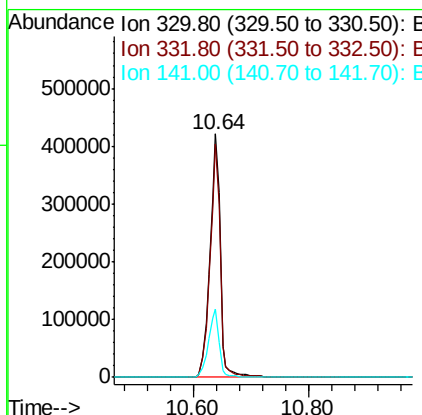
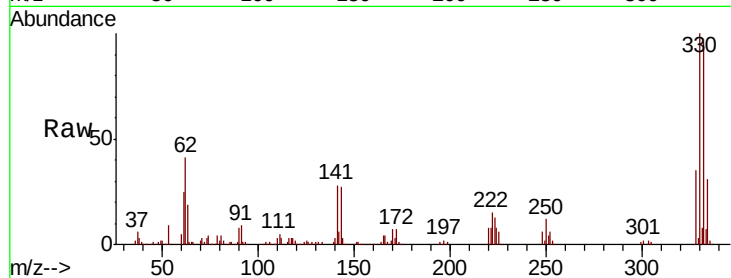




#42
 2,4,6-Tribromophenol
 Concen: 114.972 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120951.D
 Acq: 21 Jul 2020 12:47

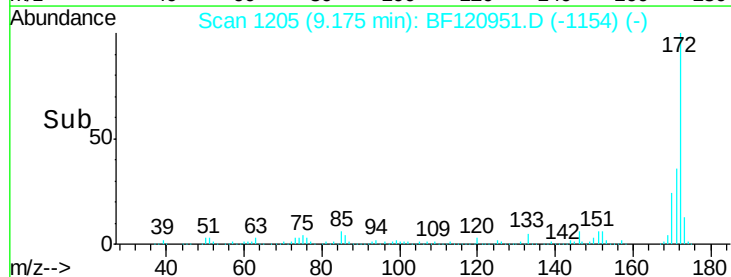
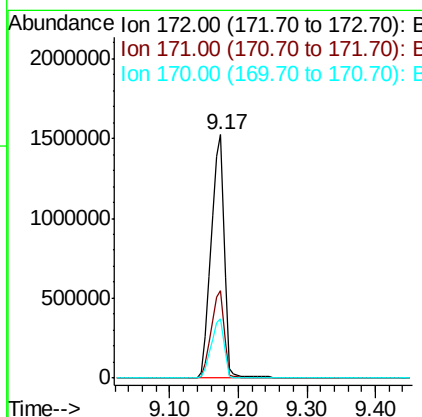
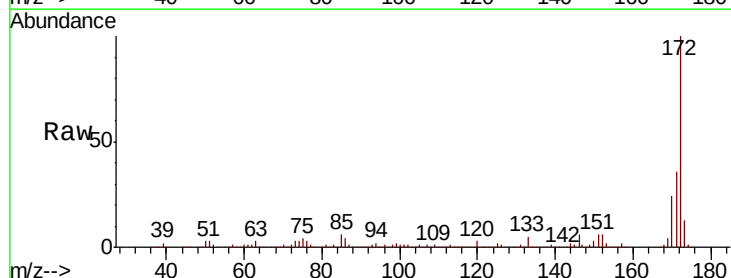
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 ClientSampled :
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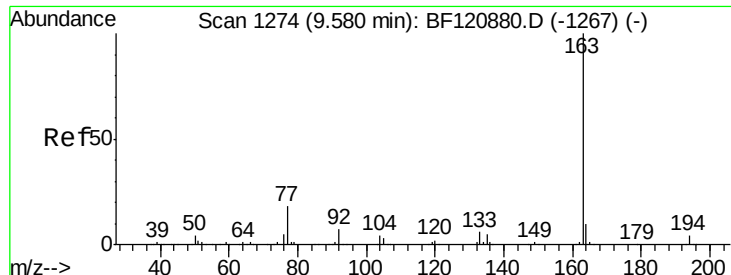
Tot Ion:330 Resp: 532077
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.5 113.3
 141 29.4 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 71.060 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120951.D
 Acq: 21 Jul 2020 12:47

Tgt Ion:172 Resp: 2012255
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.3 19.6 29.4





#50

Dimethylphthalate

Concen: 2.967 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.27 min

Lab File: BF120951.D

Acq: 21 Jul 2020 12:47

Instrument :

BNA_F

ClientSampleId :

PB130338BL

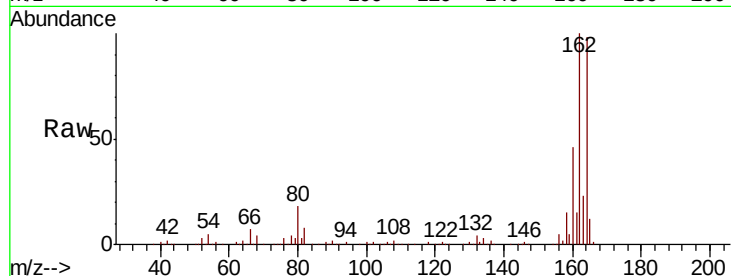
Tot Ion:163 Resp: 90487

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

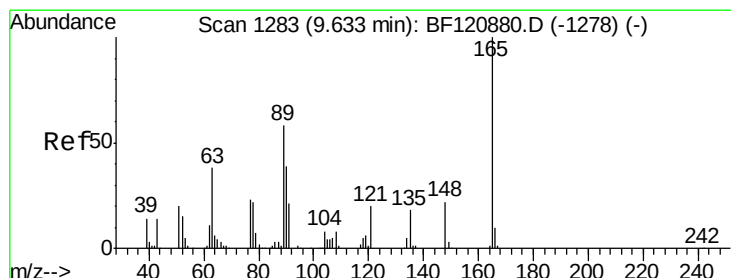
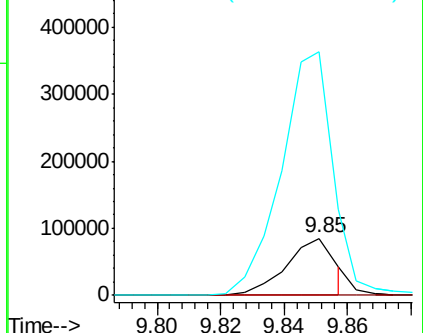
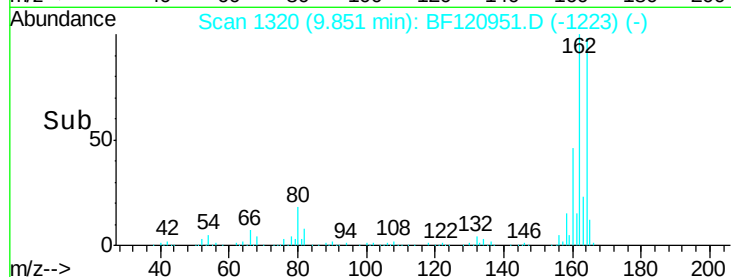
164 424.4 7.9 11.9#



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: 8.234 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF120951.D

Acq: 21 Jul 2020 12:47

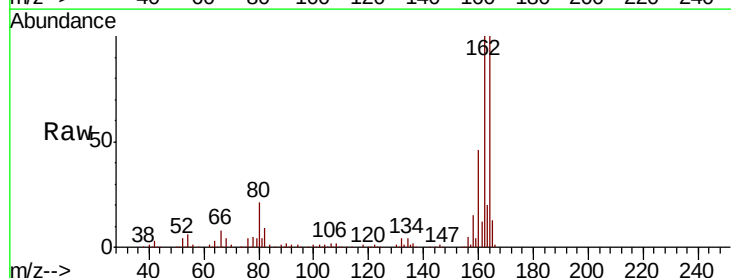
Tgt Ion:165 Resp: 53959

Ion Ratio Lower Upper

165 100

63 1.0 45.4 68.2#

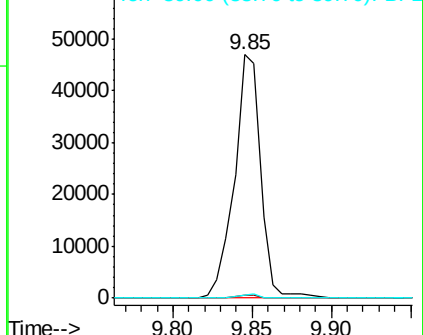
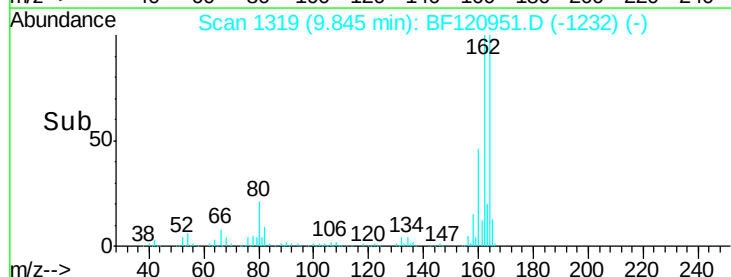
89 1.1 47.0 70.4#

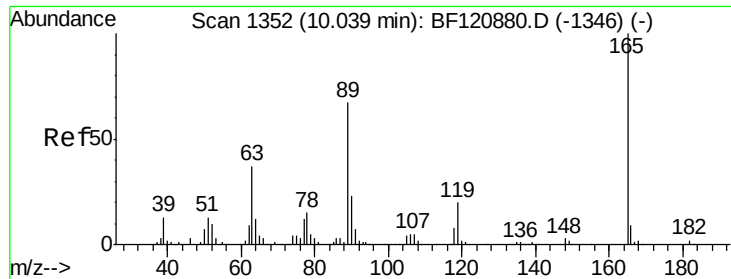


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

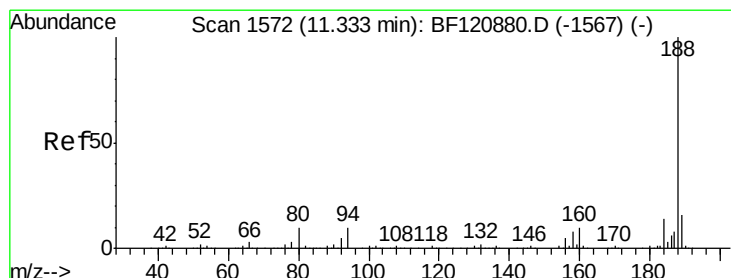
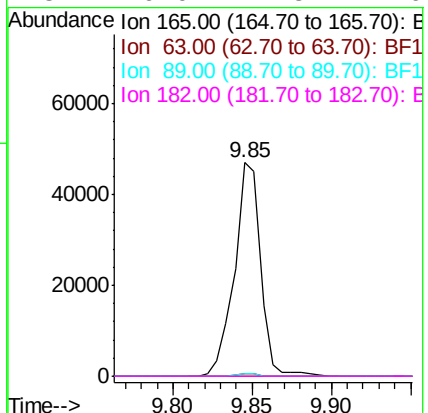
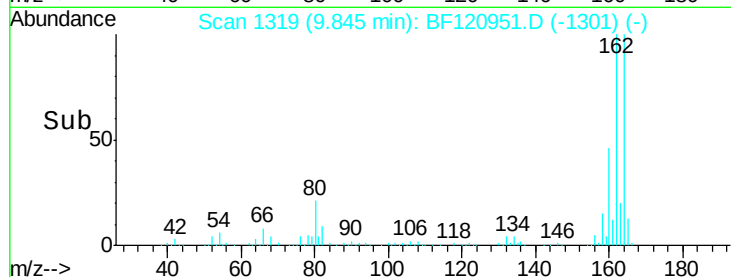
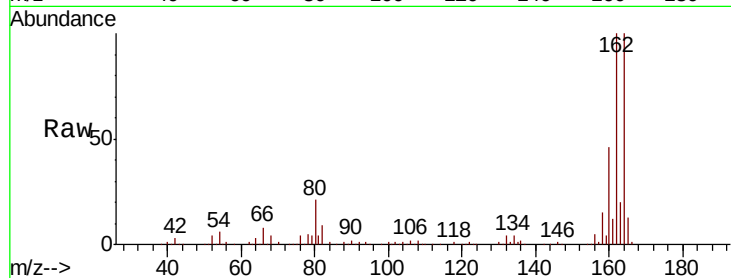




#57
 2,4-Dinitrotoluene
 Concen: 6.270 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF120951.D
 Acq: 21 Jul 2020 12:47

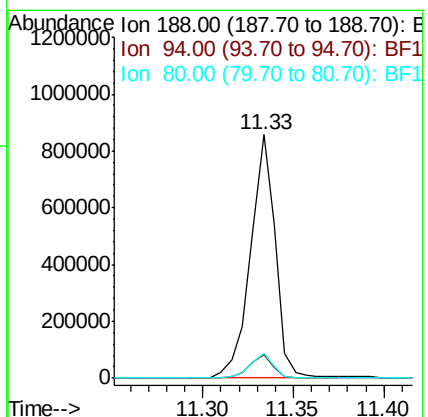
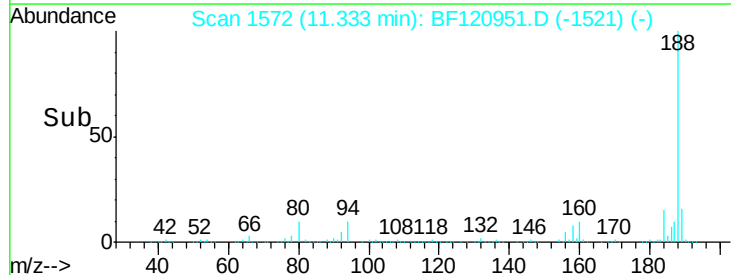
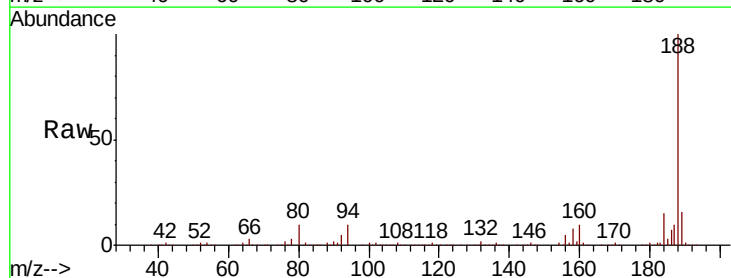
Instrument :
 BNA_F
 ClientSampleId :
 PB130338BL

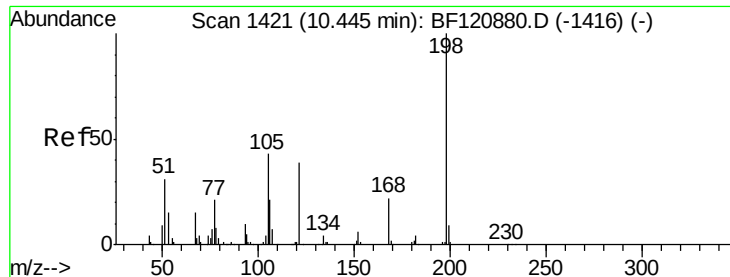
Tot Ion:165	Resp:	53959
Ion Ratio	Lower	Upper
165	100	
63	1.0	29.4 44.2#
89	1.1	53.4 80.0#
182	0.0	1.8 2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120951.D
 Acq: 21 Jul 2020 12:47

Tgt Ion:188	Resp:	815027
Ion Ratio	Lower	Upper
188	100	
94	9.8	8.0 12.0
80	10.0	8.3 12.5

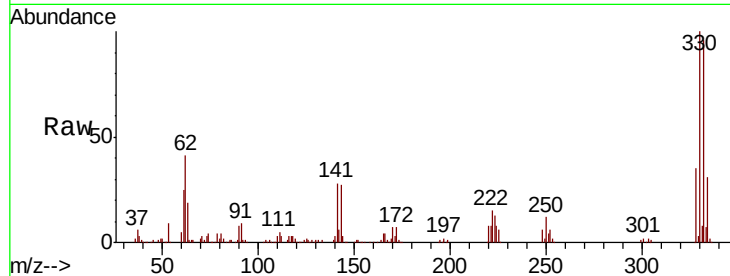




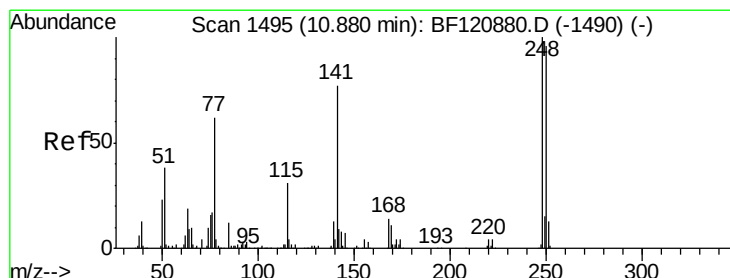
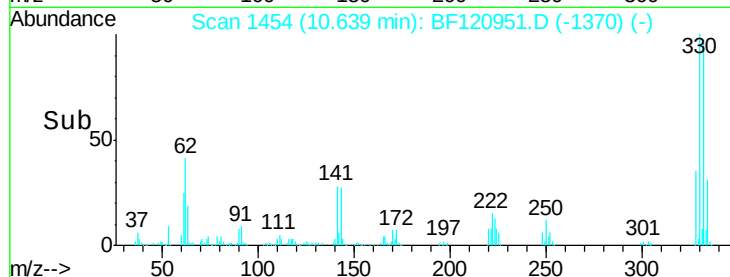
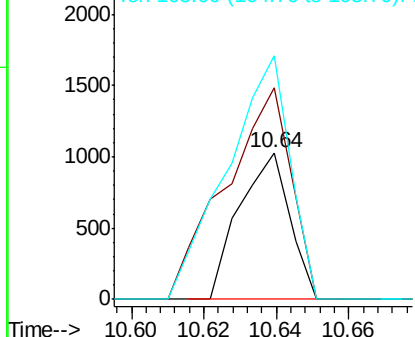
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.036 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF120951.D
 Acq: 21 Jul 2020 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB130338BL

Tot Ion:198 Resp: 990
 Ion Ratio Lower Upper
 198 100
 51 144.6 19.5 59.5#
 105 166.1 24.4 64.4#

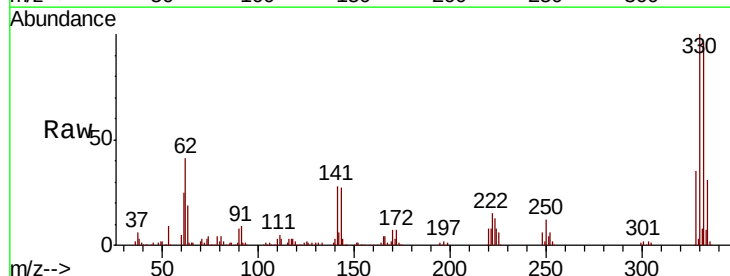


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

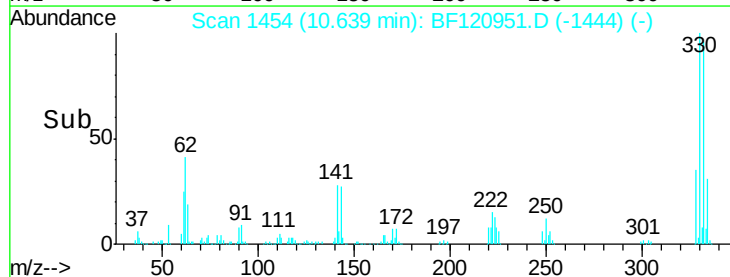
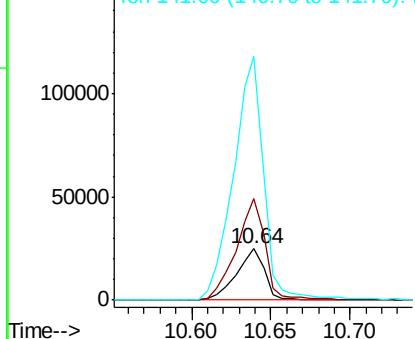


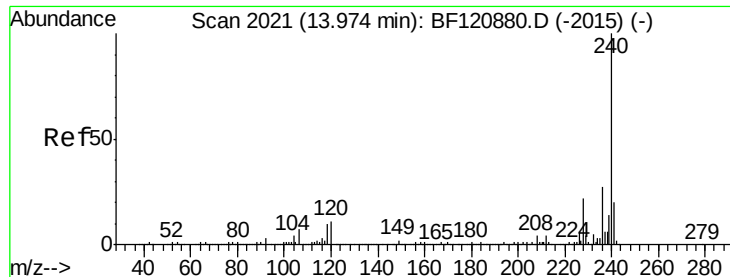
#67
 4-Bromophenyl-phenylether
 Concen: 3.361 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF120951.D
 Acq: 21 Jul 2020 12:47

Tgt Ion:248 Resp: 30542
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.1 115.7#
 141 475.8 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: BF120951.D

Acq: 21 Jul 2020 12:47

Instrument :

BNA_F

ClientSampleId :

PB130338BL

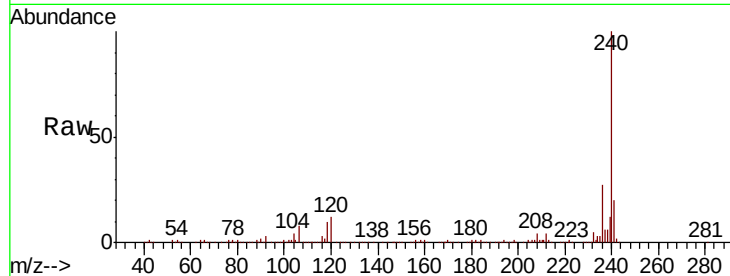
Tot Ion:240 Resp: 704385

Ion Ratio Lower Upper

240 100

120 12.1 9.0 13.4

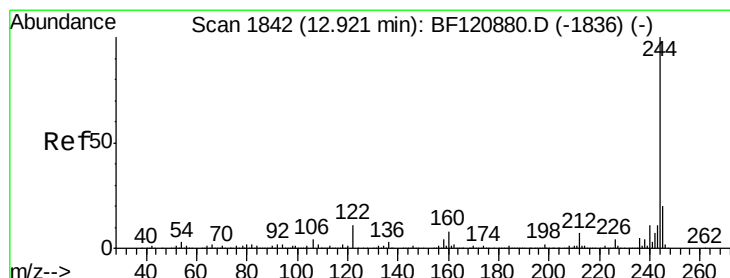
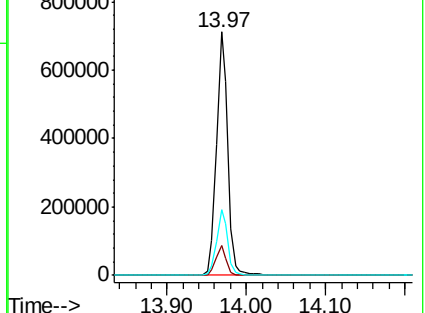
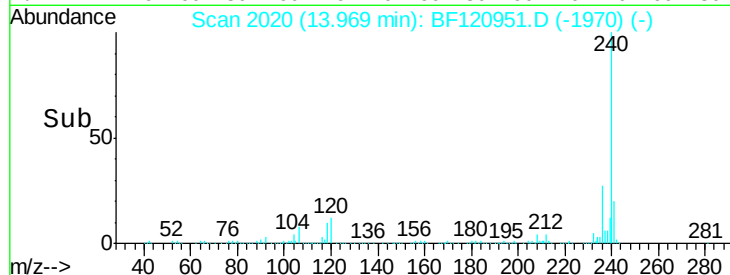
236 26.8 21.7 32.5



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: 61.098 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120951.D

Acq: 21 Jul 2020 12:47

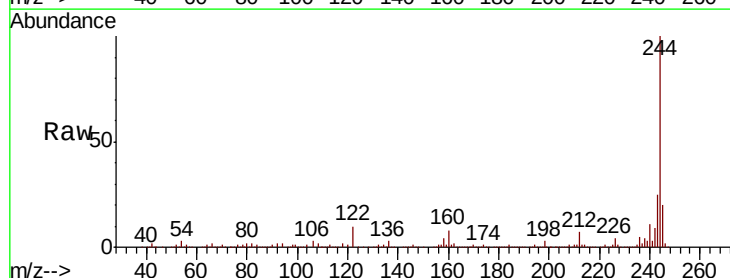
Tgt Ion:244 Resp: 1979803

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

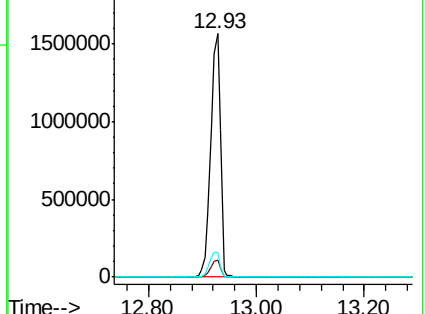
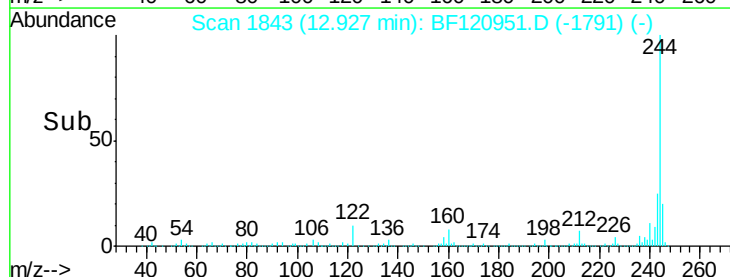
122 10.3 8.9 13.3

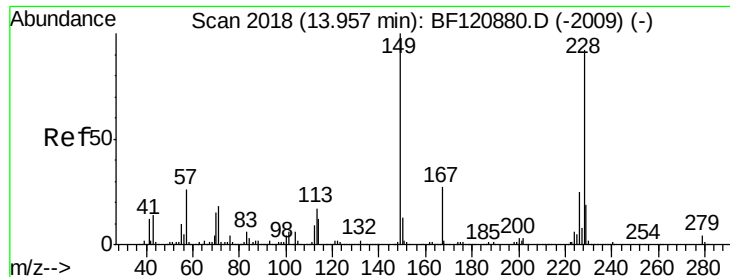


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.390 ng

RT: 13.85 min Scan# 1999

Delta R.T. -0.11 min

Lab File: BF120951.D

Acq: 21 Jul 2020 12:47

Instrument :

BNA_F

ClientSampled :

PB130338BL

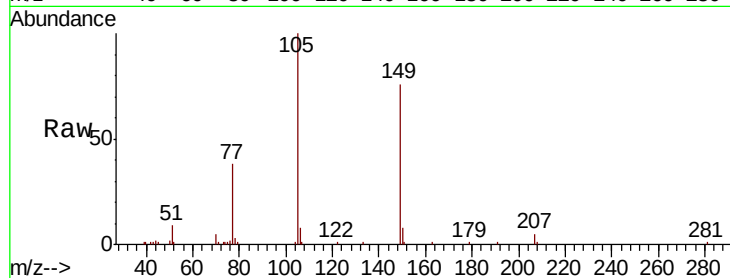
Tot Ion:149 Resp: 65426

Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

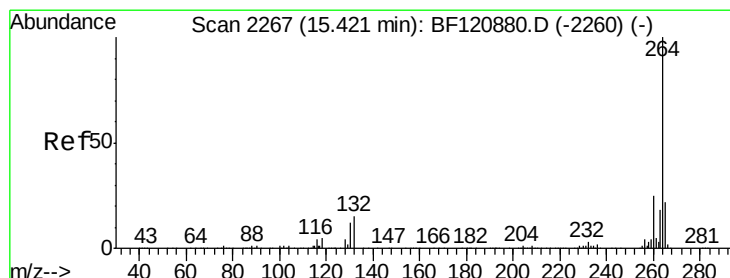
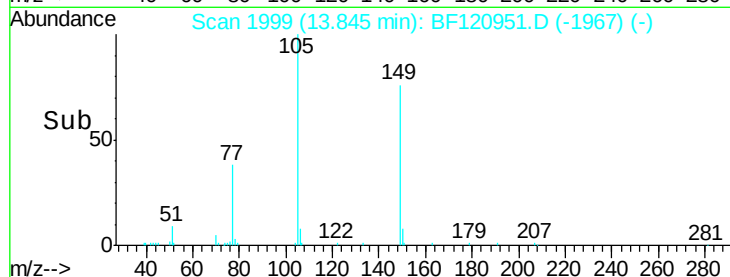
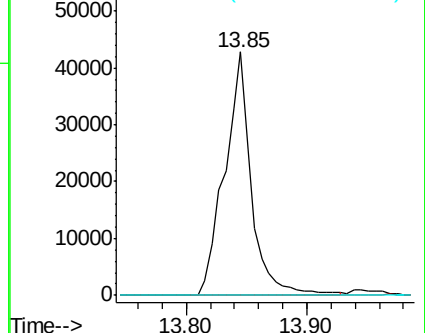
279 0.0 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF120951.D

Acq: 21 Jul 2020 12:47

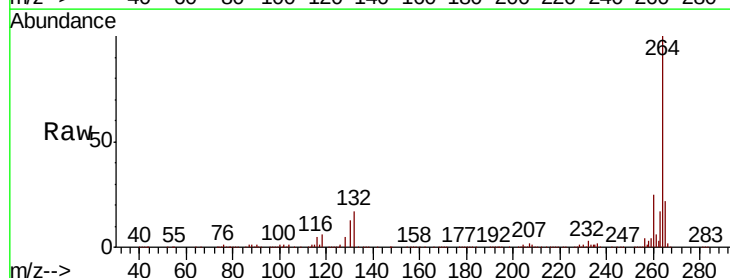
Tgt Ion:264 Resp: 665103

Ion Ratio Lower Upper

264 100

260 25.0 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

