

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120941.D
 Acq On : 20 Jul 2020 19:14
 Operator : JU/CG
 Sample : PB130317BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BL

Quant Time: Jul 21 00:40:54 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

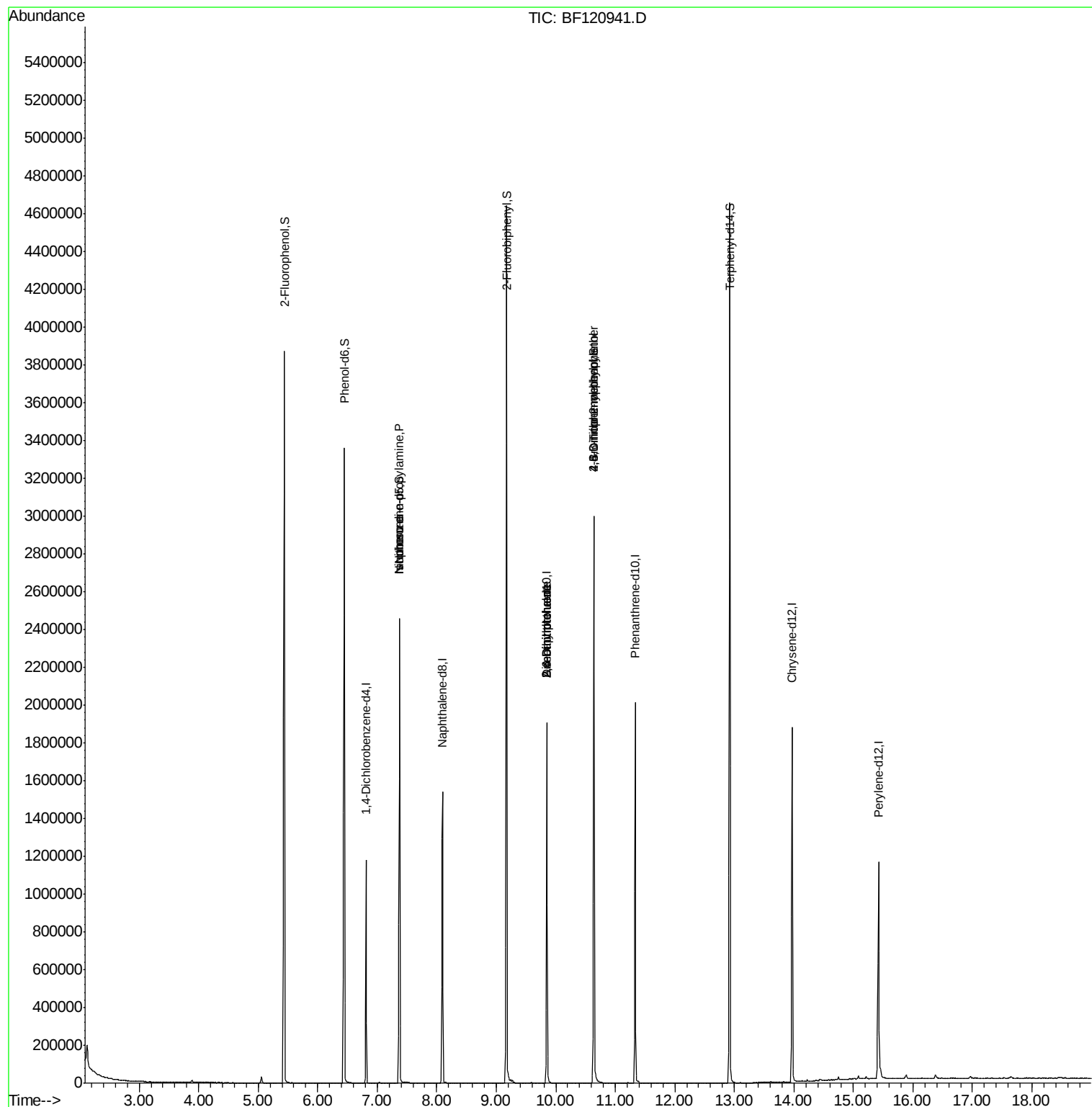
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	187902	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	732077	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	390351	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	763352	20.00	ng	0.00
76) Chrysene-d12	13.97	240	662781	20.00	ng	0.00
86) Perylene-d12	15.42	264	574892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1253018	109.32	ng	0.02
7) Phenol-d6	6.45	99	1538787	103.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	963612	76.16	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	471674	110.39	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1750026	66.94	ng	0.00
79) Terphenyl-d14	12.93	244	1806732	59.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	1938	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	126764	15.057 ng	#	78
25) Isophorone	7.37	82	954576	37.804 ng	#	63
50) Dimethylphthalate	9.85	163	80979	2.876 ng	#	1
51) 2,6-Dinitrotoluene	9.85	165	50504	8.347 ng	#	24
57) 2,4-Dinitrotoluene	9.85	165	50504	6.357 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.64	198	894	4.029 ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	27510	3.232 ng	#	1

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

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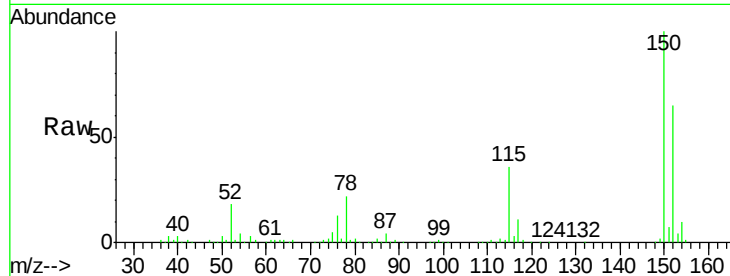


#1

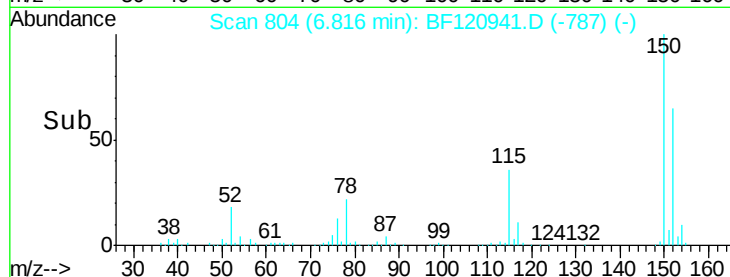
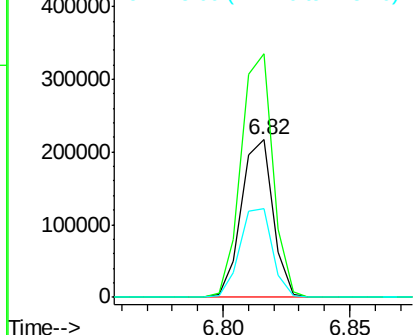
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120941.D
Acq: 20 Jul 2020 19:14

Instrument :
BNA_F
ClientSampleId :
PB130317BL

Tot Ion:152 Resp: 187902
Ion Ratio Lower Upper
152 100
150 154.6 125.0 187.6
115 56.3 47.0 70.4



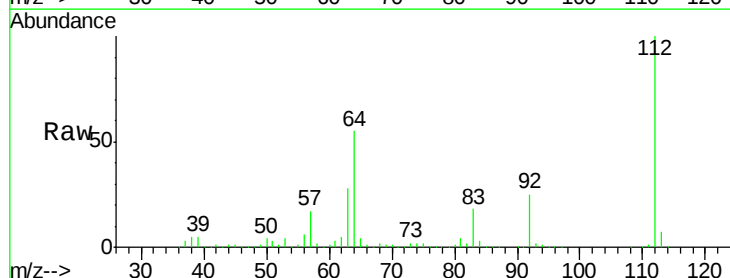
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



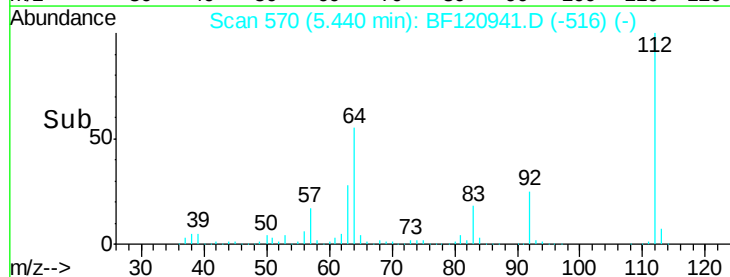
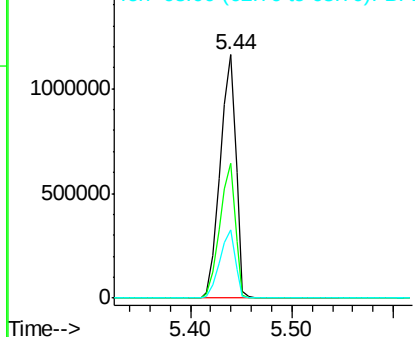
#5

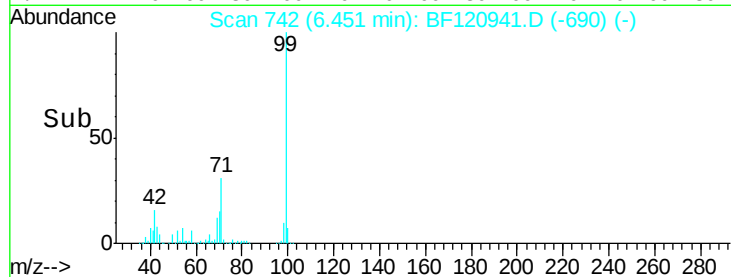
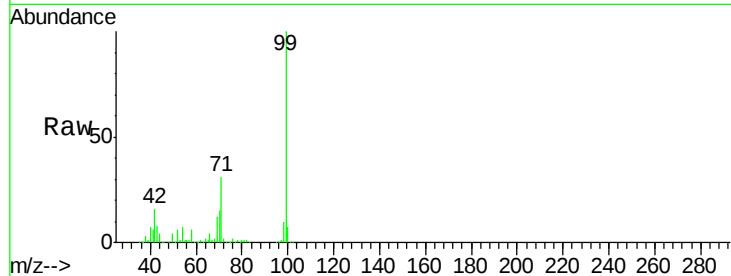
2-Fluorophenol
Concen: 109.320 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF120941.D
Acq: 20 Jul 2020 19:14

Tgt Ion:112 Resp: 1253018
Ion Ratio Lower Upper
112 100
64 55.5 41.3 61.9
63 28.3 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: 103.931 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120941.D

Acq: 20 Jul 2020 19:14

Instrument :

BNA_F

ClientSampleId :

PB130317BL

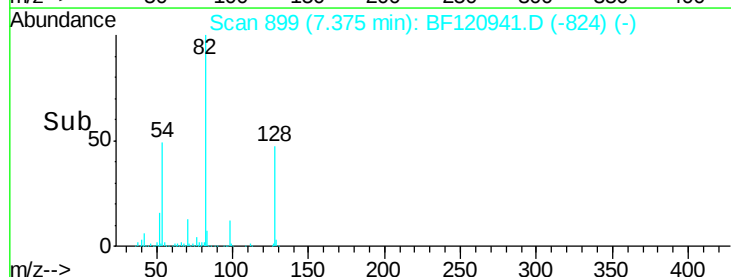
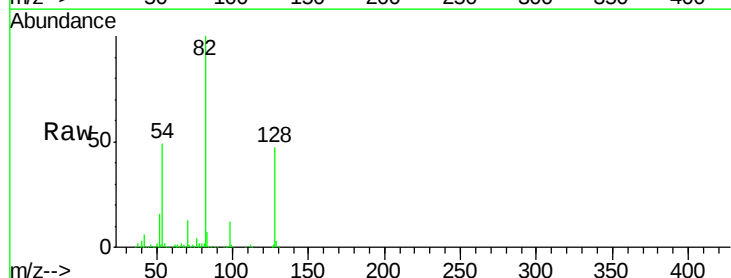
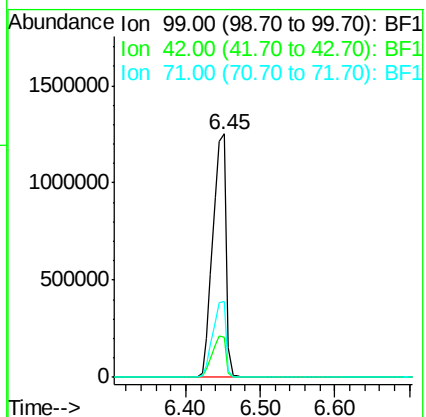
Tot Ion: 99 Resp: 1538787

Ion Ratio Lower Upper

99 100

42 16.4 13.1 19.7

71 31.1 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.057 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120941.D

Acq: 20 Jul 2020 19:14

Tgt Ion: 70 Resp: 126764

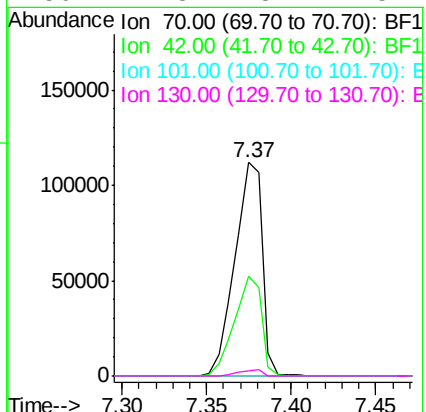
Ion Ratio Lower Upper

70 100

42 46.7 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: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120941.D

Acq: 20 Jul 2020 19:14

Instrument :

BNA_F

ClientSampleId :

PB130317BL

Tot Ion:136 Resp: 732077

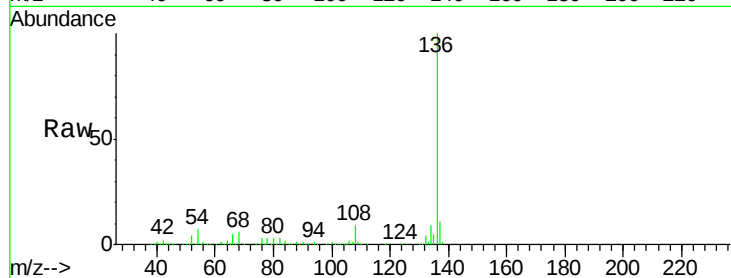
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.0 6.3 9.5

68 5.6 5.0 7.4

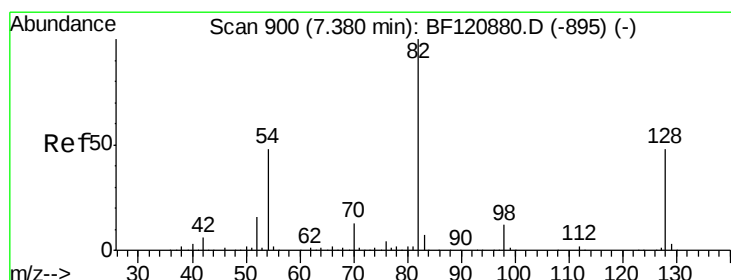
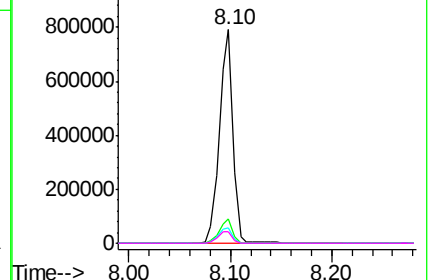
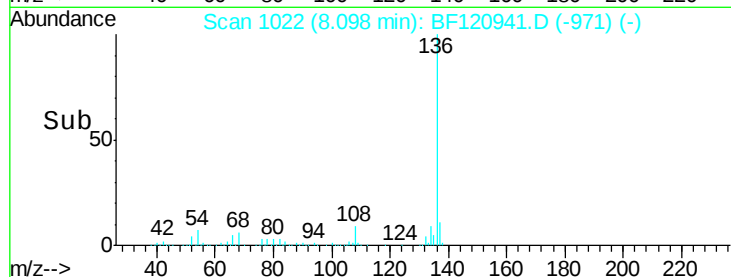


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.163 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120941.D

Acq: 20 Jul 2020 19:14

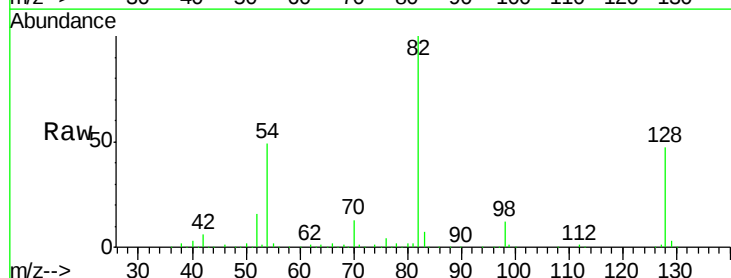
Tgt Ion: 82 Resp: 963612

Ion Ratio Lower Upper

82 100

128 47.0 38.2 57.4

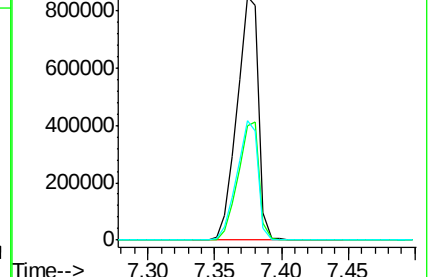
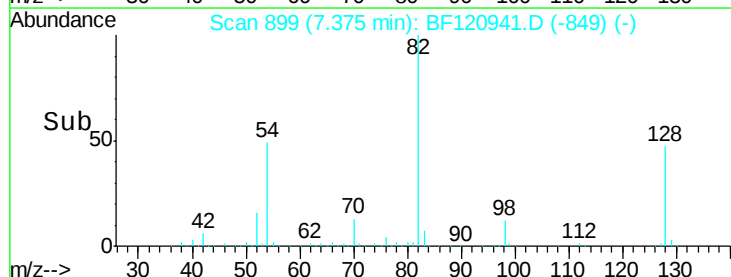
54 49.1 38.7 58.1



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: 37.804 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120941.D

Acq: 20 Jul 2020 19:14

Instrument :

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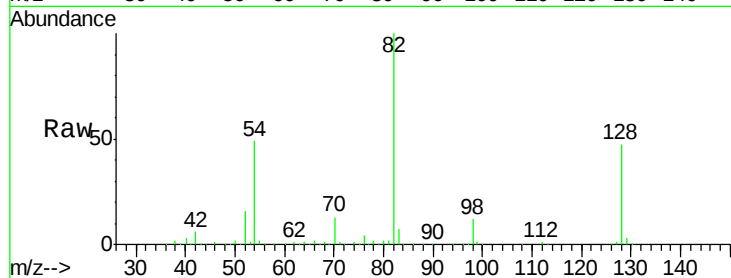
Tot Ion: 82 Resp: 954576

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

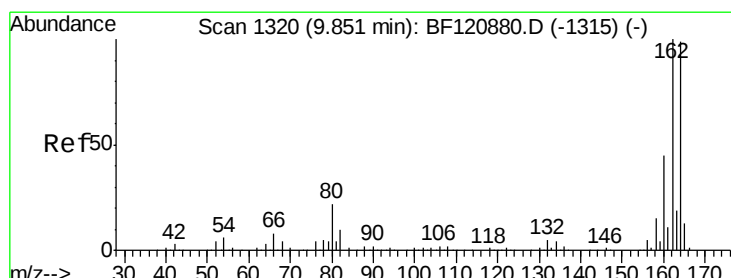
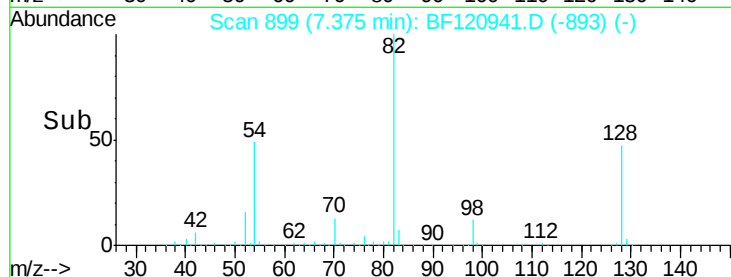
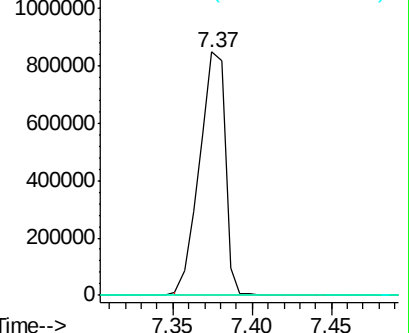
138 0.0 15.6 23.4#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120941.D

Acq: 20 Jul 2020 19:14

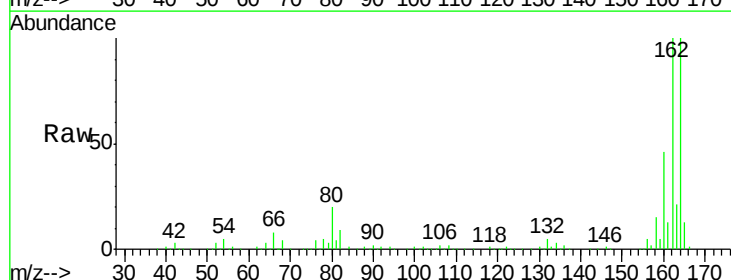
Tgt Ion: 164 Resp: 390351

Ion Ratio Lower Upper

164 100

162 99.8 81.2 121.8

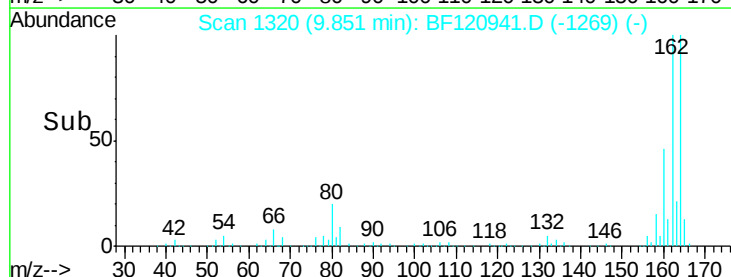
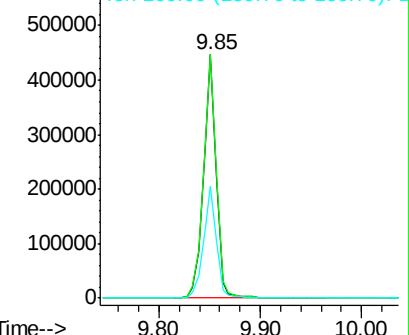
160 46.0 36.9 55.3

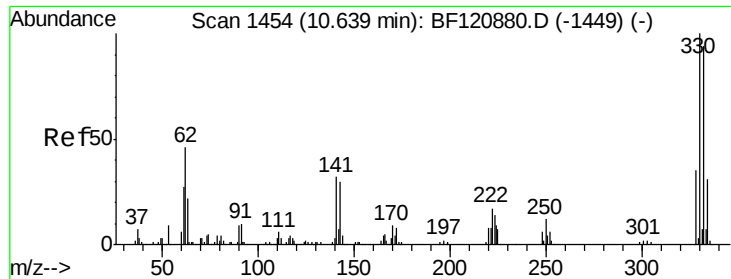


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

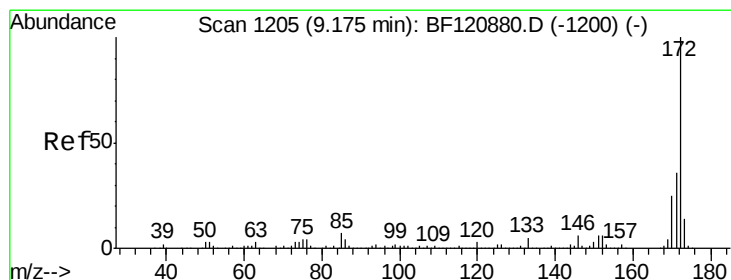
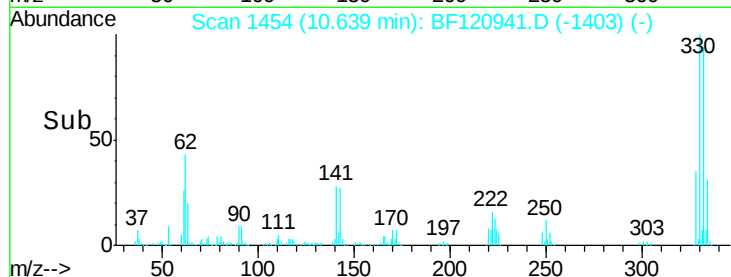
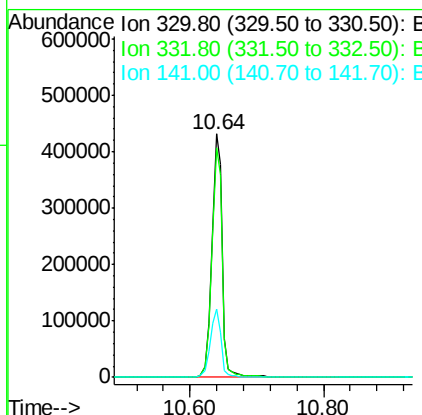
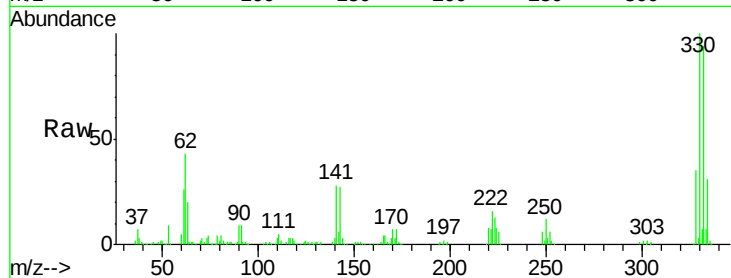




#42
 2,4,6-Tribromophenol
 Concen: 110.390 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120941.D
 Acq: 20 Jul 2020 19:14

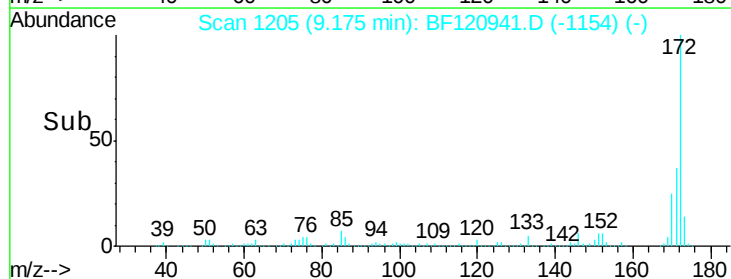
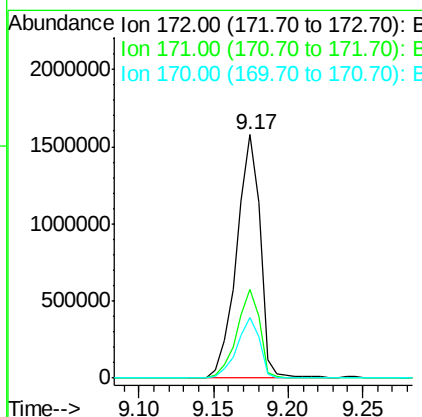
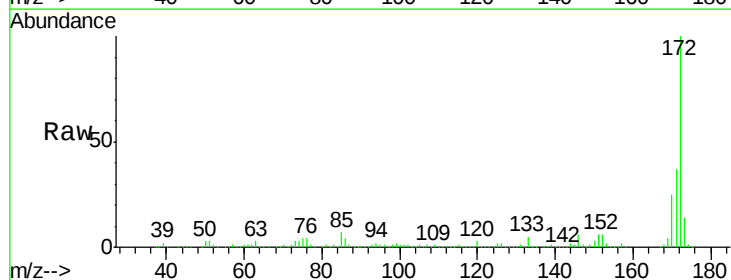
Instrument :
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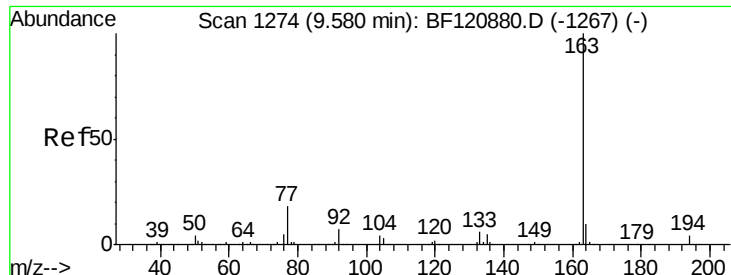
Tot Ion:330 Resp: 471674
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.5 113.3
 141 29.0 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 66.936 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120941.D
 Acq: 20 Jul 2020 19:14

Tgt Ion:172 Resp: 1750026
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 24.8 19.6 29.4





#50

Dimethylphthalate

Concen: 2.876 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.27 min

Lab File: BF120941.D

Acq: 20 Jul 2020 19:14

Instrument :

BNA_F

ClientSampleId :

PB130317BL

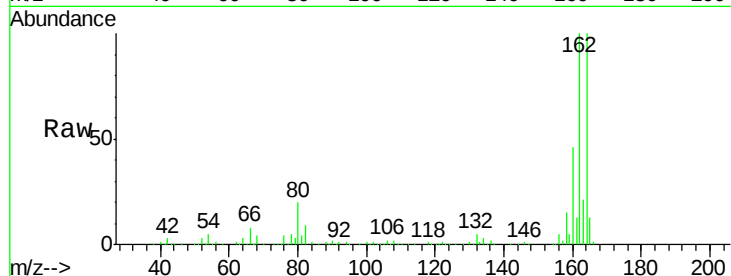
Tot Ion:163 Resp: 80979

Ion Ratio Lower Upper

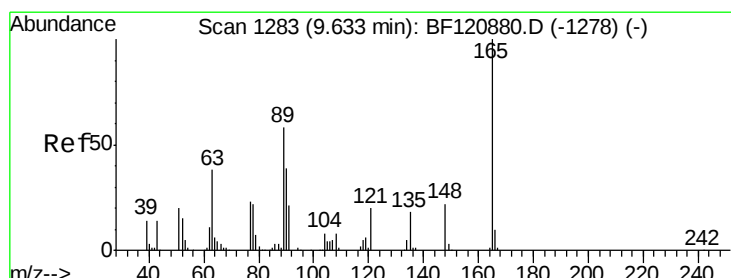
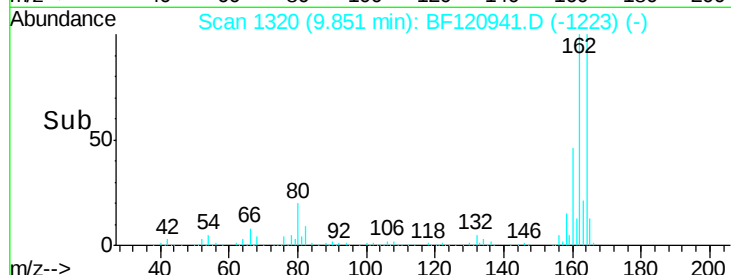
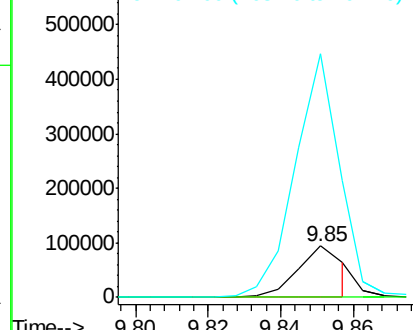
163 100

194 0.0 3.2 4.8#

164 474.8 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



#51

2,6-Dinitrotoluene

Concen: 8.347 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.22 min

Lab File: BF120941.D

Acq: 20 Jul 2020 19:14

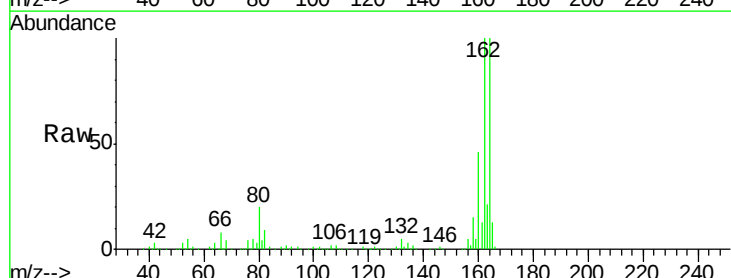
Tgt Ion:165 Resp: 50504

Ion Ratio Lower Upper

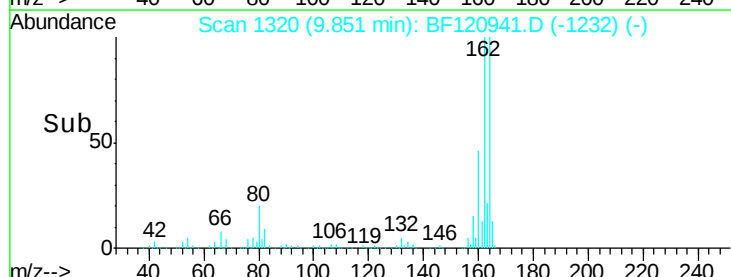
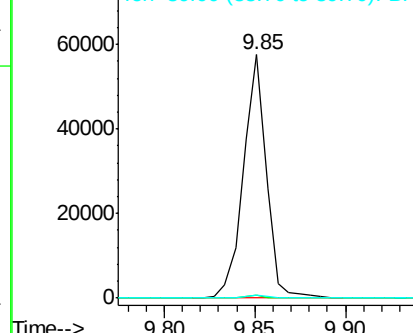
165 100

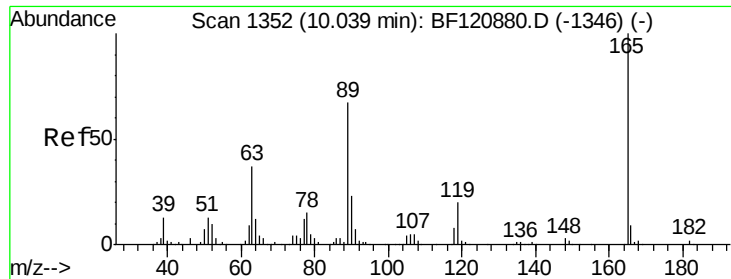
63 1.1 45.4 68.2#

89 1.3 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

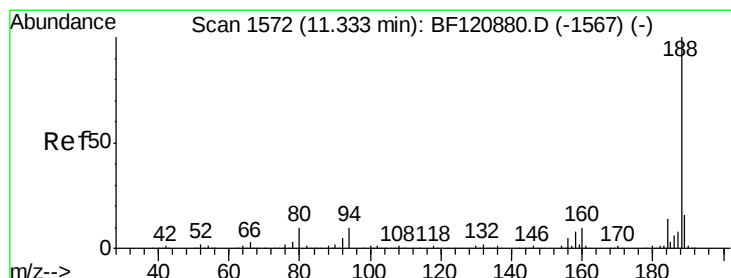
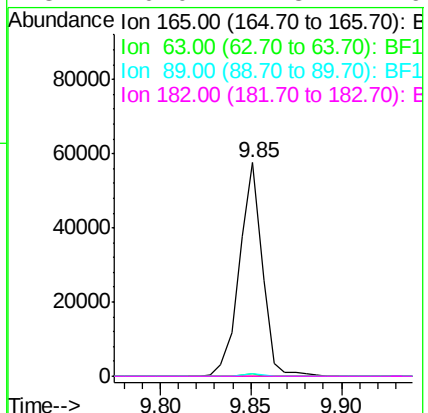
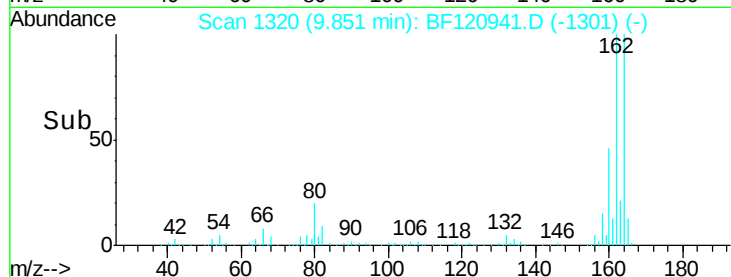
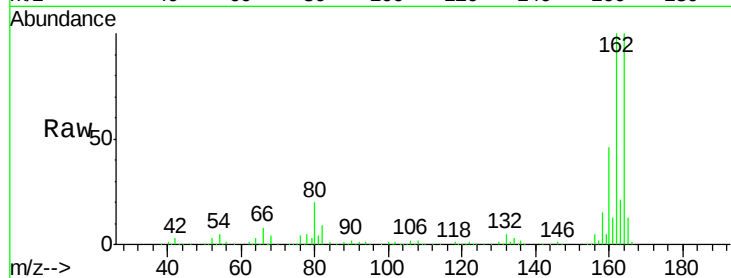




#57
 2,4-Dinitrotoluene
 Concen: 6.357 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF120941.D
 Acq: 20 Jul 2020 19:14

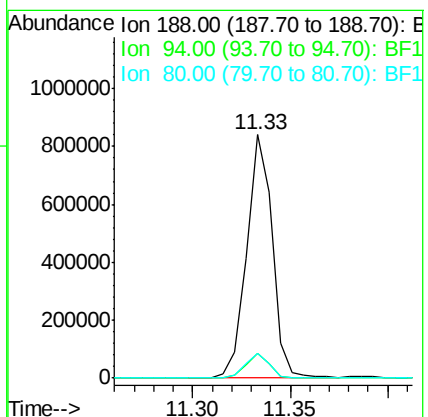
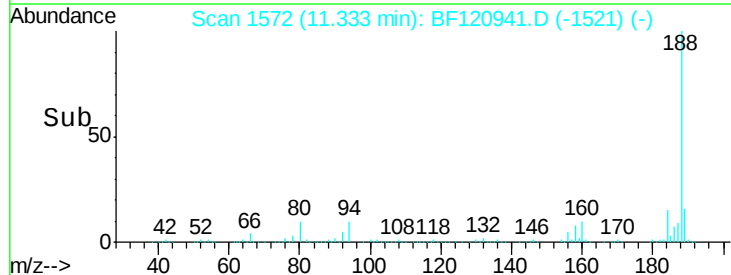
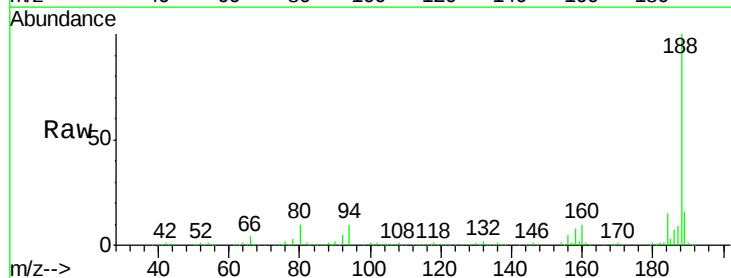
Instrument :
 BNA_F
 ClientSampleId :
 PB130317BL

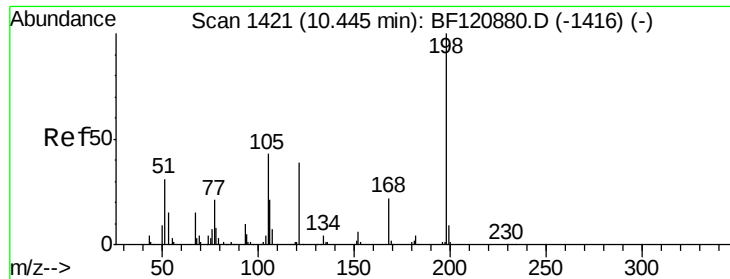
Tot Ion:165	Resp:	50504
Ion Ratio	Lower	Upper
165	100	
63	1.1	29.4 44.2#
89	1.3	53.4 80.0#
182	0.0	1.8 2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120941.D
 Acq: 20 Jul 2020 19:14

Tgt Ion:188	Resp:	763352
Ion Ratio	Lower	Upper
188	100	
94	10.0	8.0 12.0
80	10.0	8.3 12.5

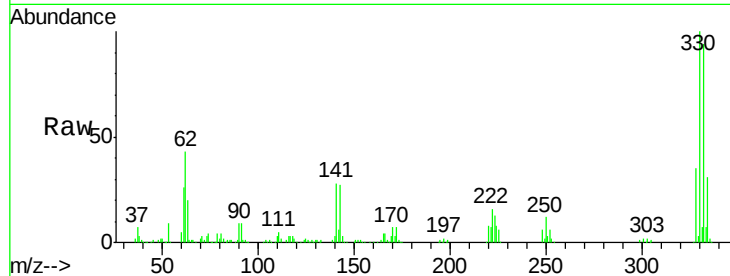




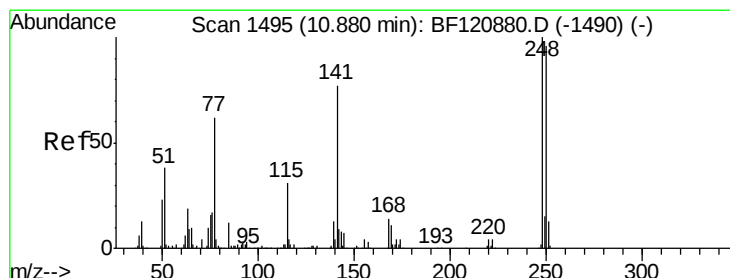
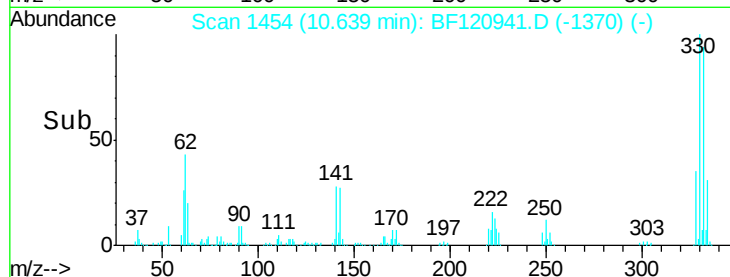
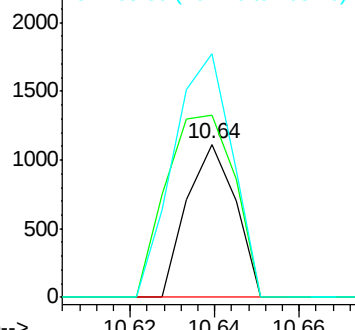
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.029 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF120941.D
 Acq: 20 Jul 2020 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BL

Tot Ion:198 Resp: 894
 Ion Ratio Lower Upper
 198 100
 51 118.8 19.5 59.5#
 105 158.9 24.4 64.4#

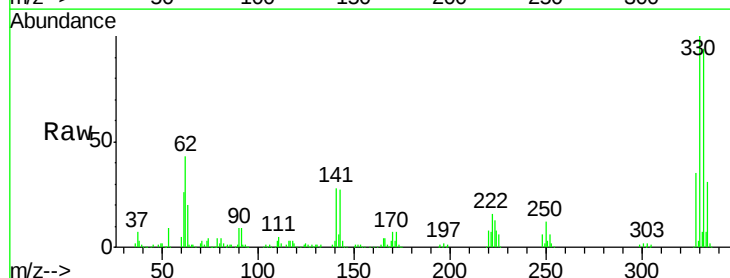


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

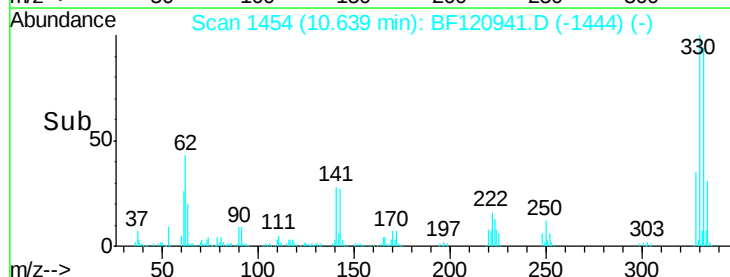
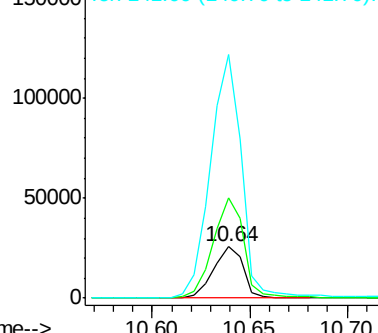


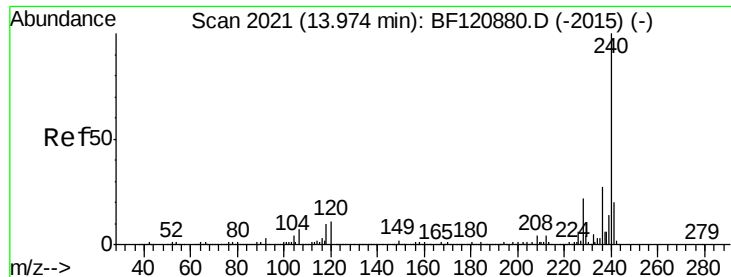
#67
 4-Bromophenyl-phenylether
 Concen: 3.232 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF120941.D
 Acq: 20 Jul 2020 19:14

Tgt Ion:248 Resp: 27510
 Ion Ratio Lower Upper
 248 100
 250 194.8 77.1 115.7#
 141 473.1 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: BF120941.D

Acq: 20 Jul 2020 19:14

Instrument :

BNA_F

ClientSampleId :

PB130317BL

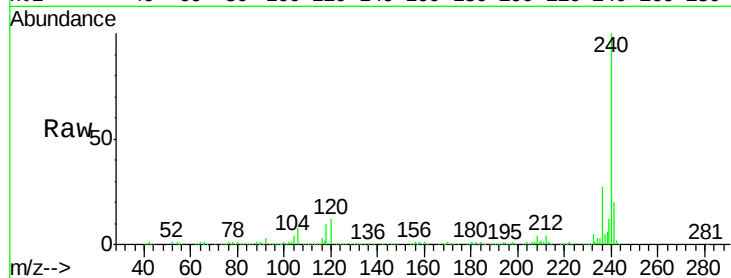
Tot Ion:240 Resp: 662781

Ion Ratio Lower Upper

240 100

120 12.1 9.0 13.4

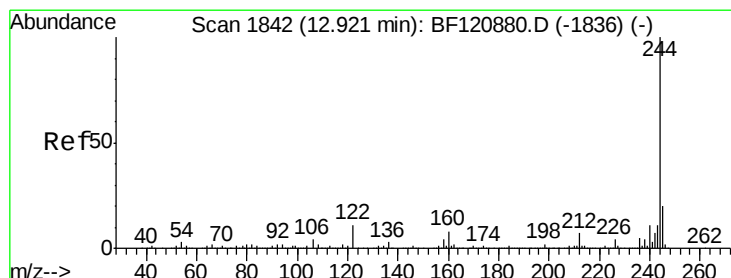
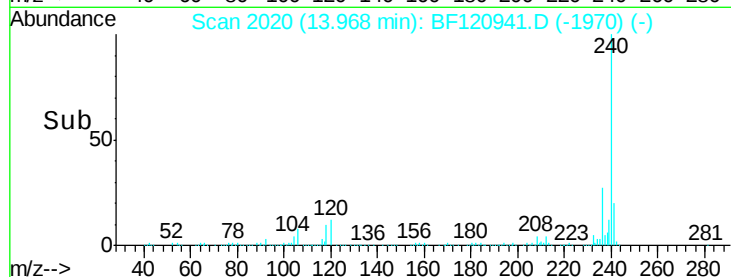
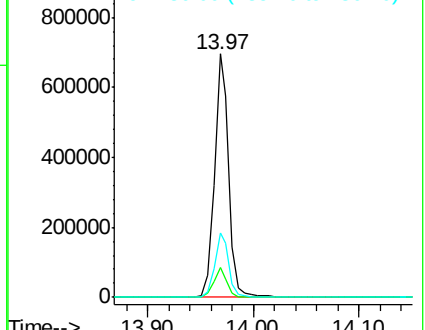
236 26.7 21.7 32.5



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: 59.257 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120941.D

Acq: 20 Jul 2020 19:14

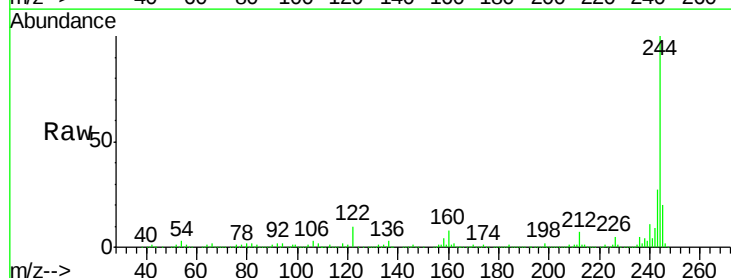
Tgt Ion:244 Resp: 1806732

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

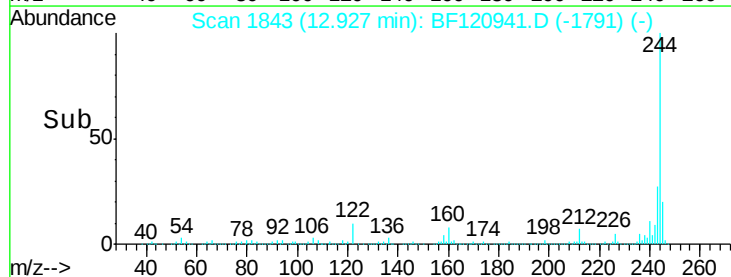
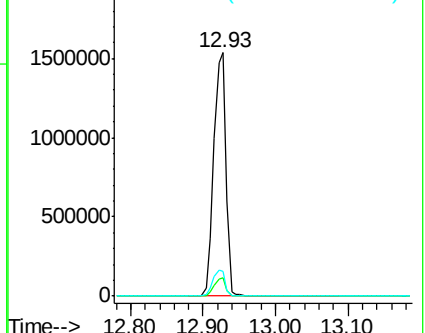
122 10.4 8.9 13.3

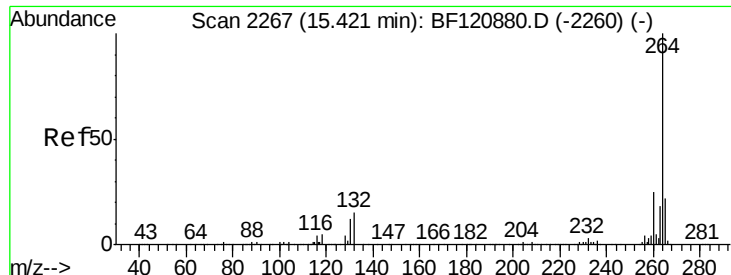


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

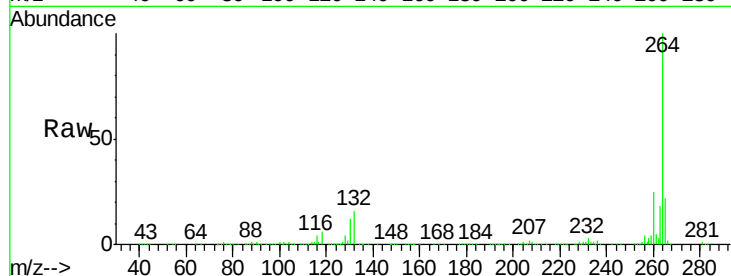




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF120941.D
 Acq: 20 Jul 2020 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	21.6	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

