

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120929.D
 Acq On : 20 Jul 2020 12:56
 Operator : JU/CG
 Sample : PB130296BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BL

Quant Time: Jul 20 13:20:53 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

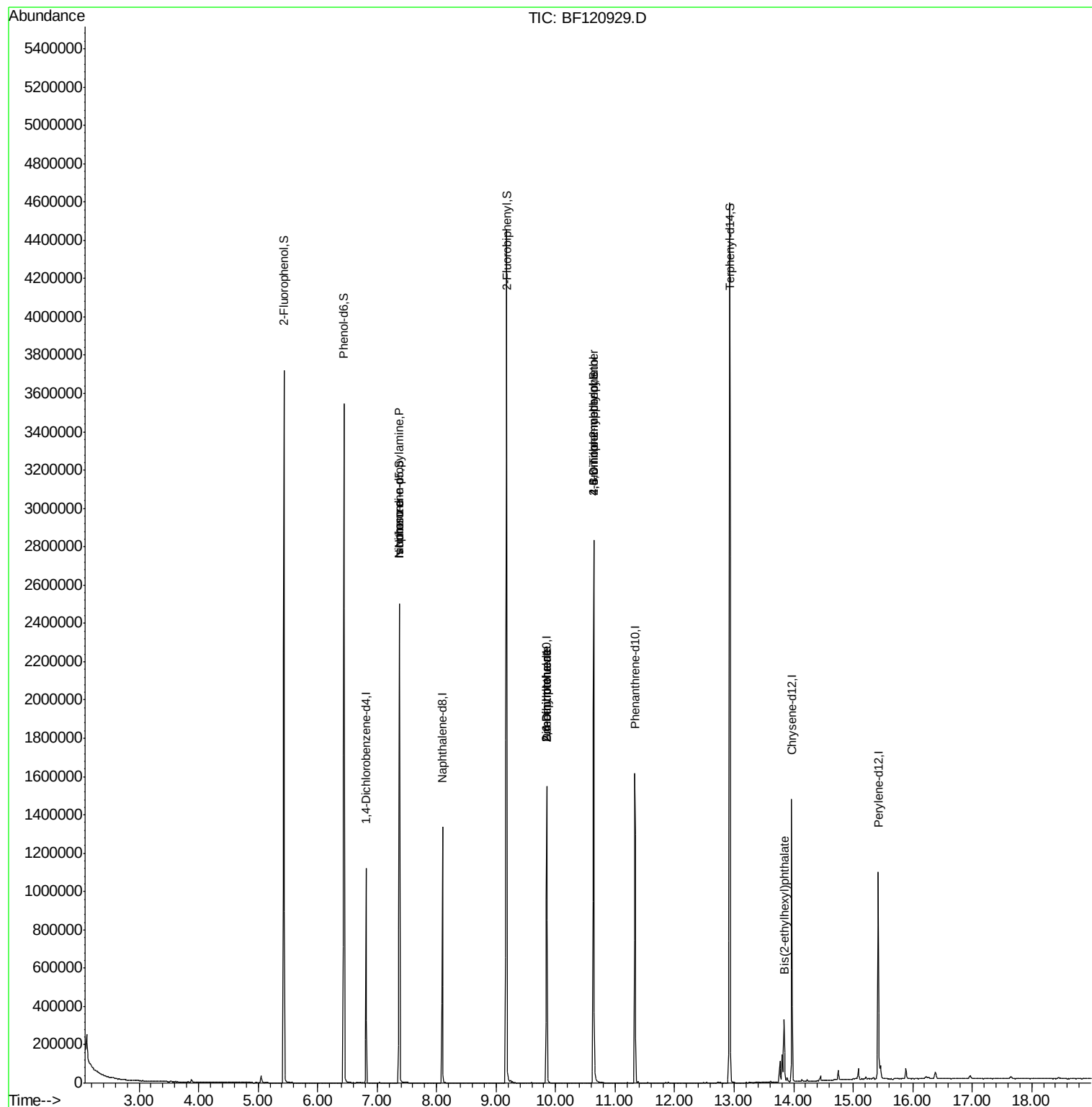
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	162514	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	620393	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	324448	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	618102	20.00	ng	0.00
76) Chrysene-d12	13.97	240	542050	20.00	ng	0.00
86) Perylene-d12	15.42	264	520016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1254998	126.60	ng	0.02
7) Phenol-d6	6.45	99	1525876	119.16	ng	0.00
23) Nitrobenzene-d5	7.37	82	951284	88.72	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	448513	126.29	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1723537	79.31	ng	0.00
79) Terphenyl-d14	12.93	244	1763494	70.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	2079	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.37	70	124788	17.137	ng	# 80
25) Isophorone	7.37	82	944286	44.129	ng	# 63
50) Dimethylphthalate	9.85	163	66339	2.834	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	40642	8.082	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	40642	6.154	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	955	4.088	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	26081	3.785	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.84	149	137688	6.536	ng	# 52

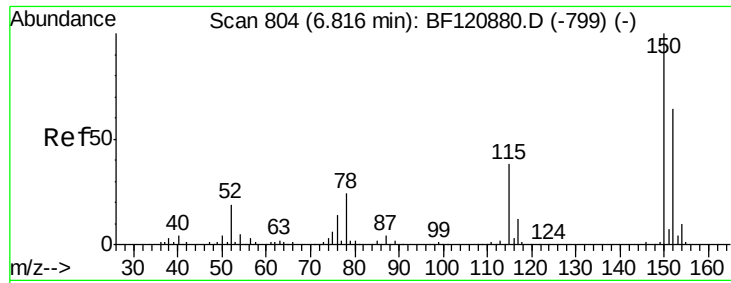
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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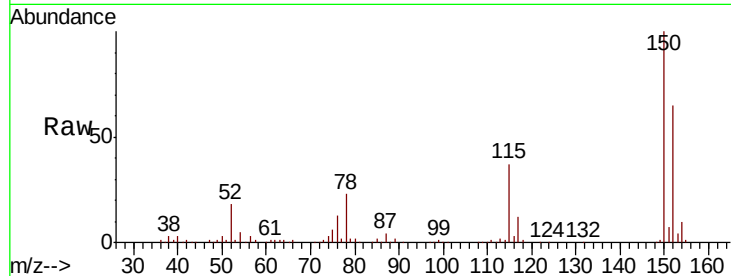


#1

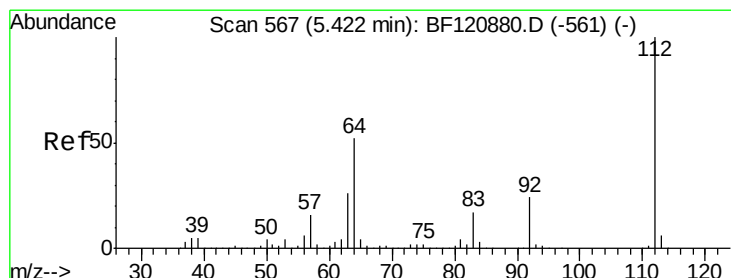
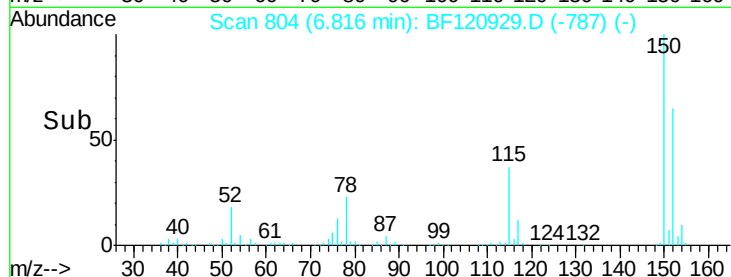
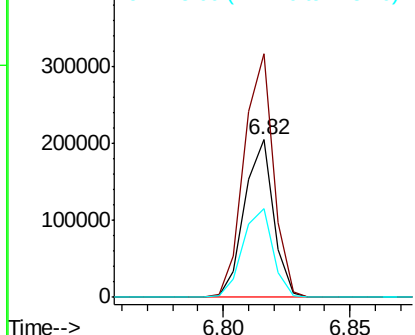
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120929.D
 Acq: 20 Jul 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BL

Tot Ion:152 Resp: 162514
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.0 187.6
 115 56.8 47.0 70.4



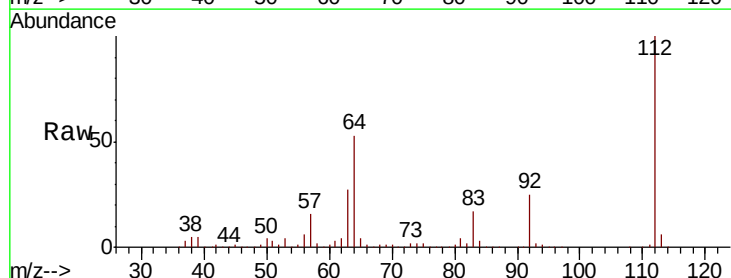
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



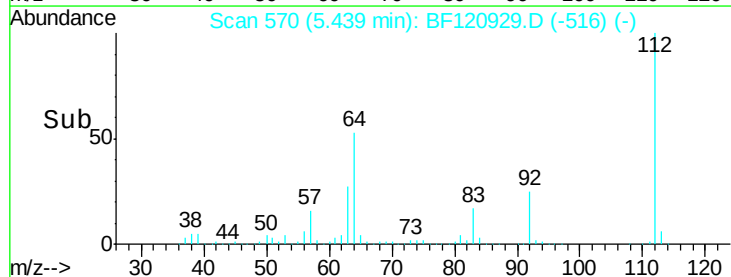
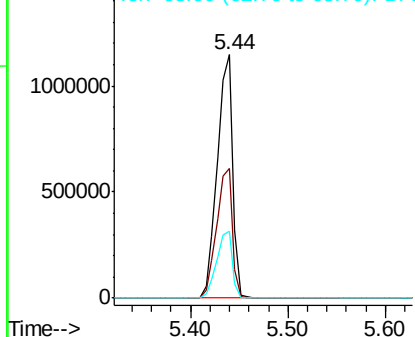
#5

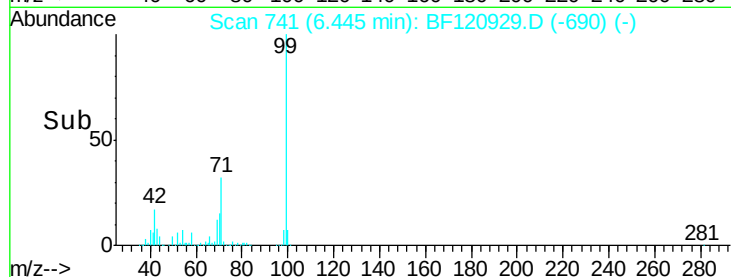
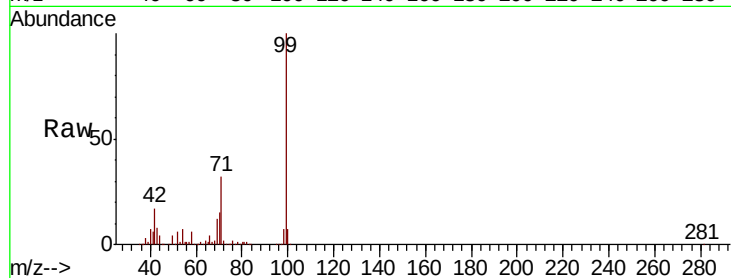
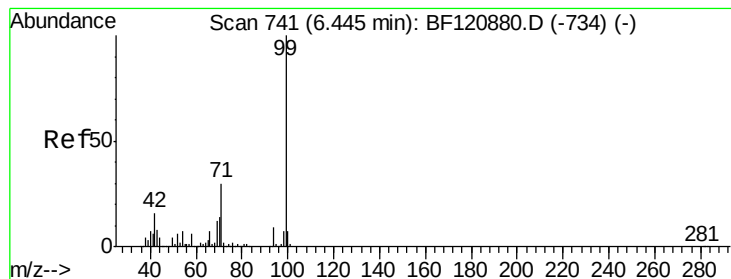
2-Fluorophenol
 Concen: 126.598 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF120929.D
 Acq: 20 Jul 2020 12:56

Tgt Ion:112 Resp: 1254998
 Ion Ratio Lower Upper
 112 100
 64 53.1 41.3 61.9
 63 27.3 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: 119.158 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120929.D

Acq: 20 Jul 2020 12:56

Instrument :

BNA_F

ClientSampleId :

PB130296BL

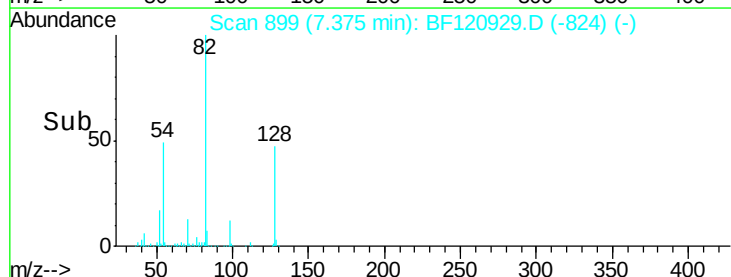
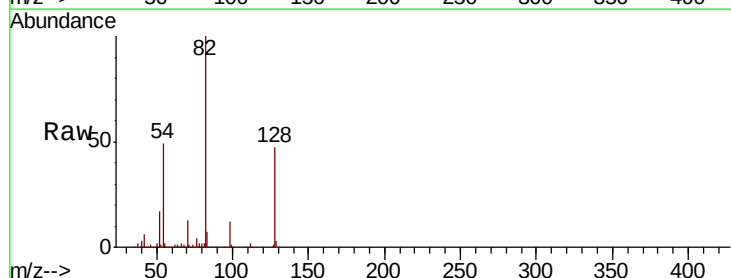
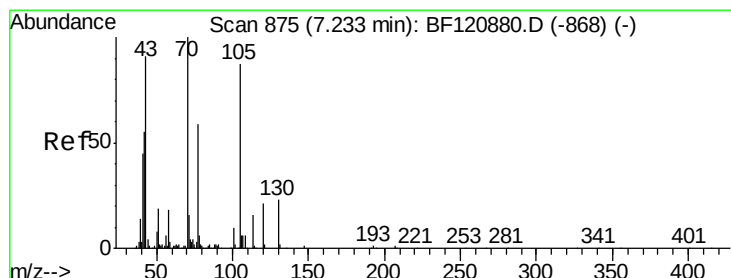
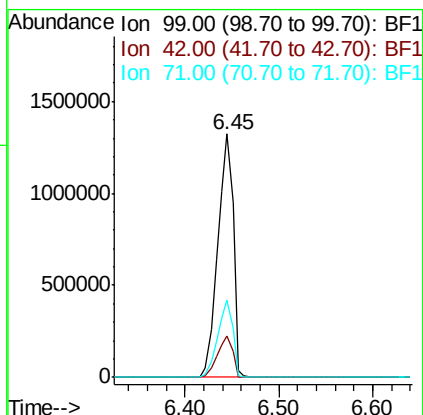
Tot Ion: 99 Resp: 1525876

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

71 31.8 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.137 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120929.D

Acq: 20 Jul 2020 12:56

Tgt Ion: 70 Resp: 124788

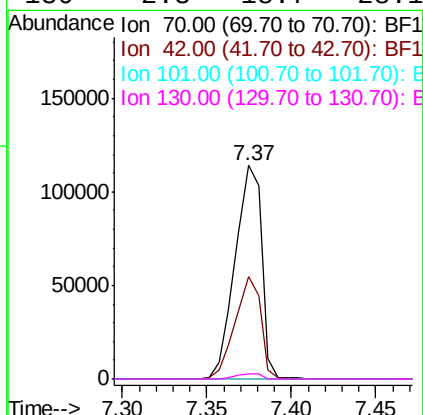
Ion Ratio Lower Upper

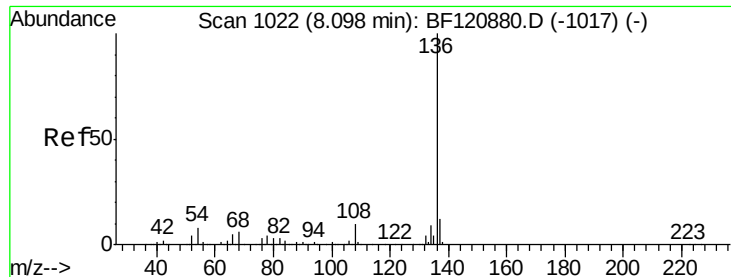
70 100

42 48.2 44.0 66.0

101 0.0 7.8 11.6#

130 2.3 18.7 28.1#

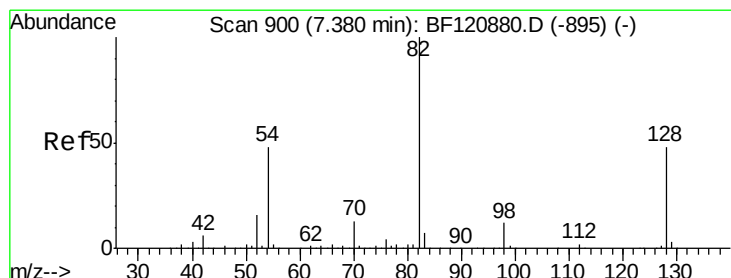
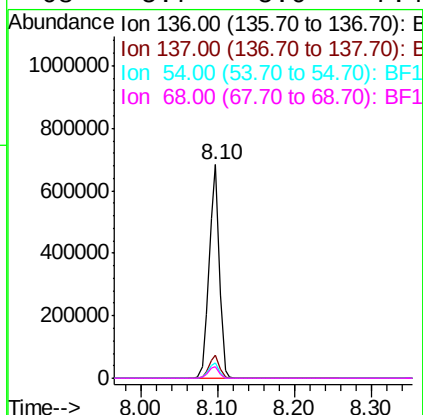
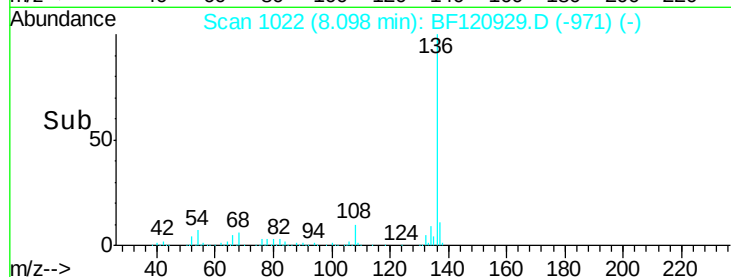
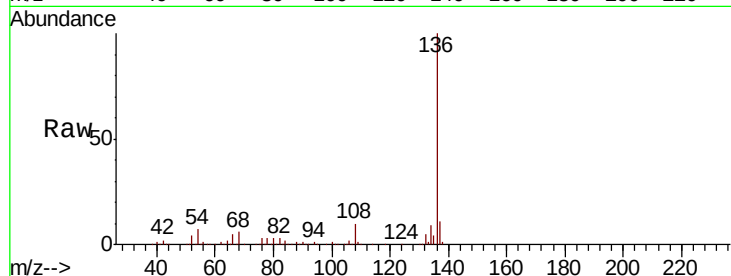




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120929.D
Acq: 20 Jul 2020 12:56

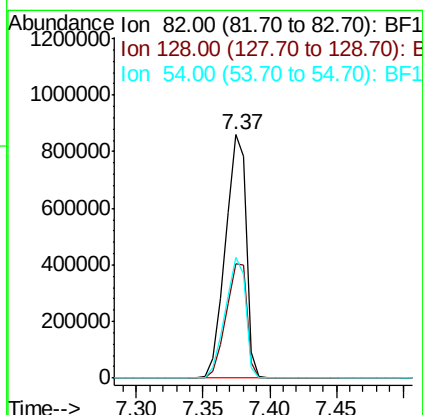
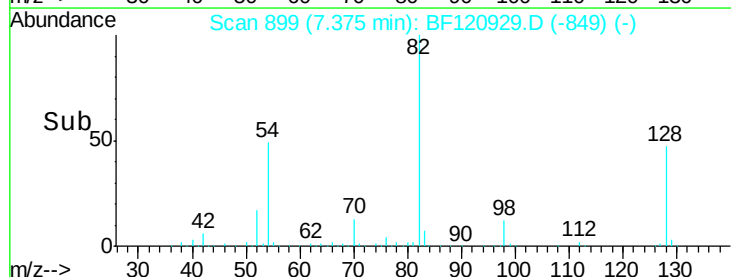
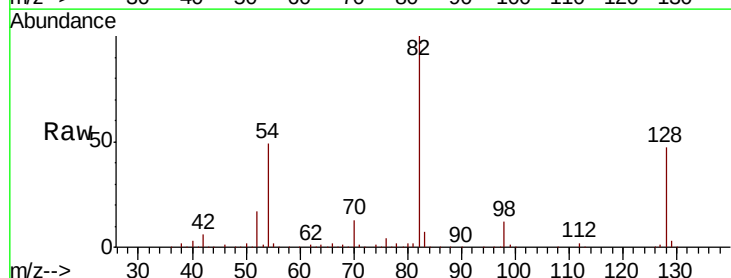
Instrument :
BNA_F
ClientSampleId :
PB130296BL

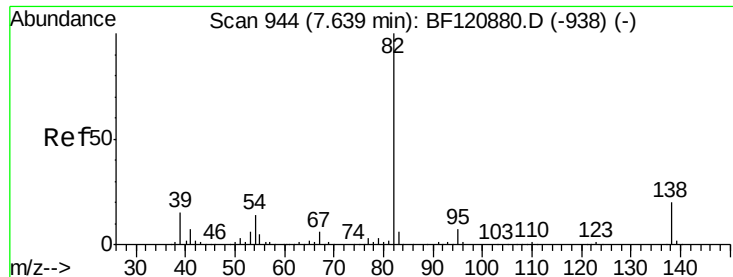
Tot Ion:136	Resp:	620393	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.3	13.9	
54 7.2	6.3	9.5	
68 5.7	5.0	7.4	



#23
Nitrobenzene-d5
Concen: 88.725 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120929.D
Acq: 20 Jul 2020 12:56

Tgt Ion: 82	Resp: 951284
Ion Ratio	Lower Upper
82 100	
128 47.1	38.2 57.4
54 49.4	38.7 58.1





#25

Isophorone

Concen: 44.129 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120929.D

Acq: 20 Jul 2020 12:56

Instrument :

BNA_F

ClientSampleId :

PB130296BL

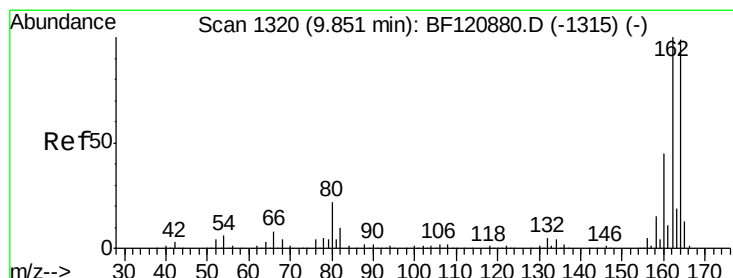
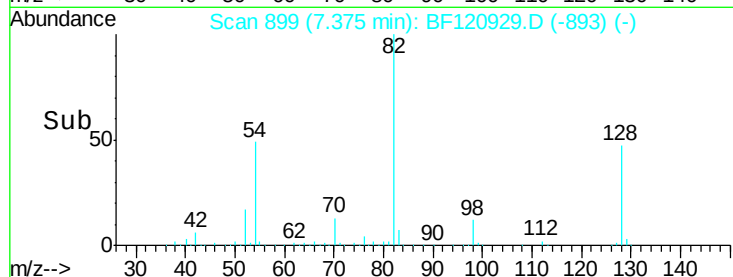
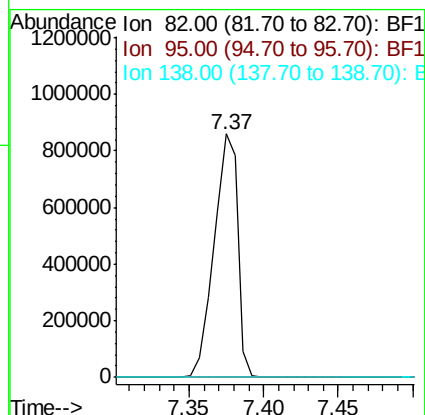
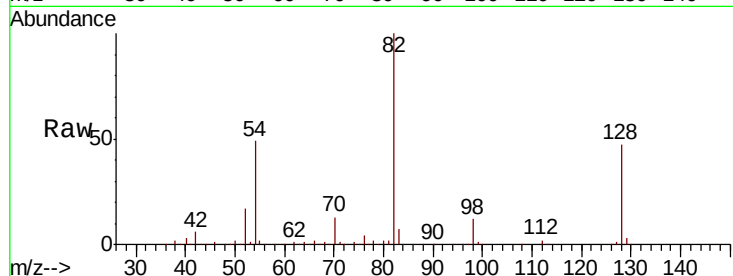
Tot Ion: 82 Resp: 944286

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: BF120929.D

Acq: 20 Jul 2020 12:56

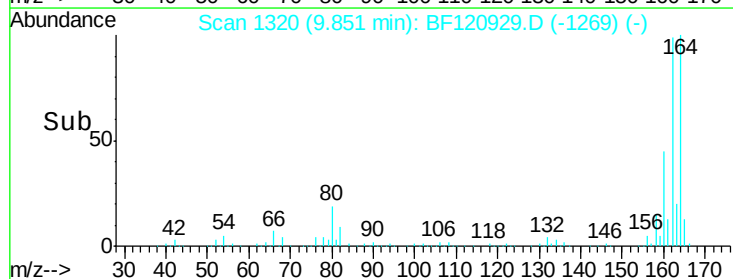
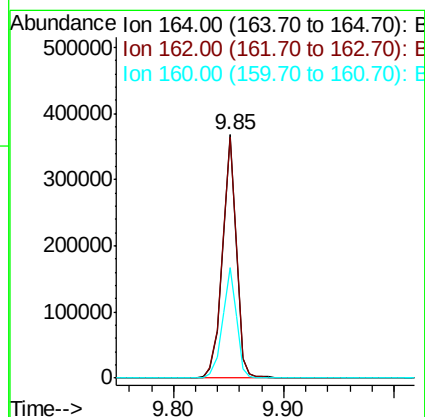
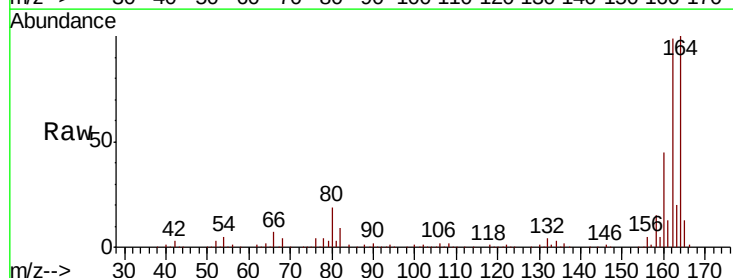
Tgt Ion: 164 Resp: 324448

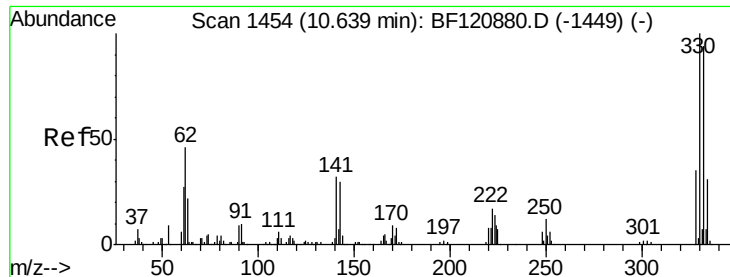
Ion Ratio Lower Upper

164 100

162 99.2 81.2 121.8

160 45.2 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 126.292 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120929.D

Acq: 20 Jul 2020 12:56

Instrument :

BNA_F

ClientSampleId :

PB130296BL

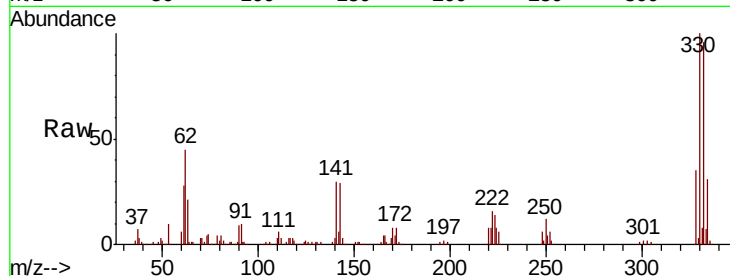
Tot Ion:330 Resp: 448513

Ion Ratio Lower Upper

330 100

332 95.5 75.5 113.3

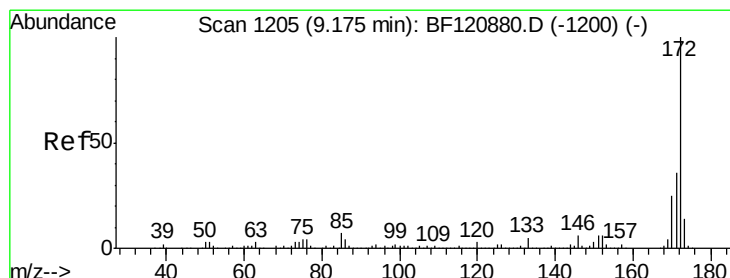
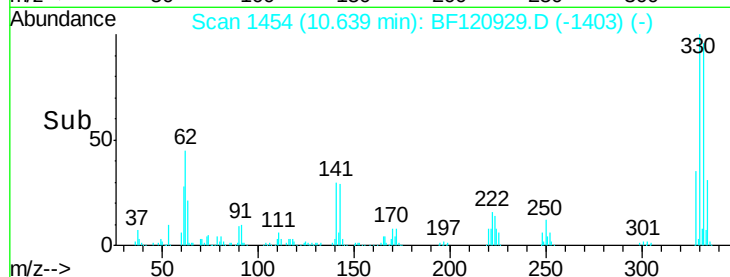
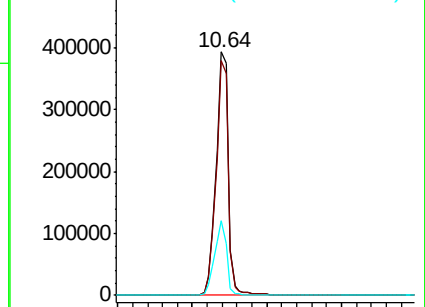
141 30.2 25.7 38.5



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: 79.314 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120929.D

Acq: 20 Jul 2020 12:56

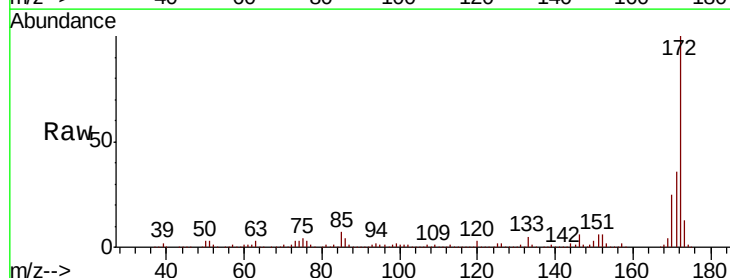
Tgt Ion:172 Resp: 1723537

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

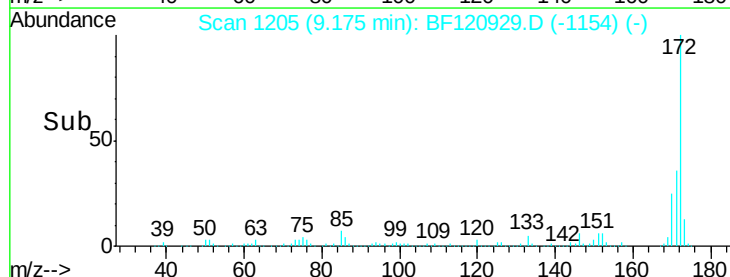
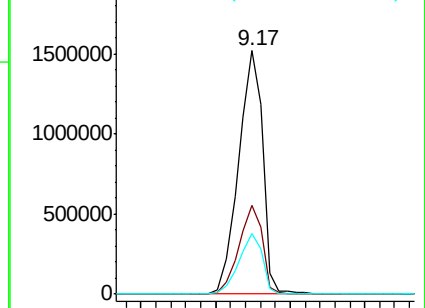
170 24.7 19.6 29.4

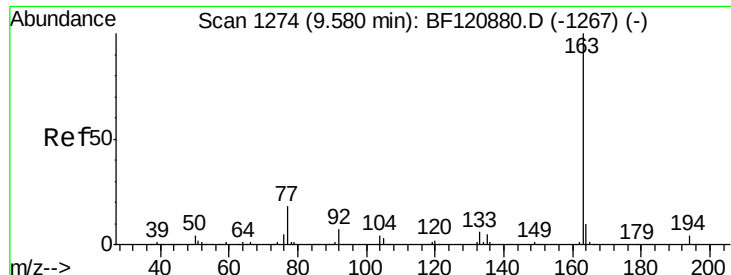


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

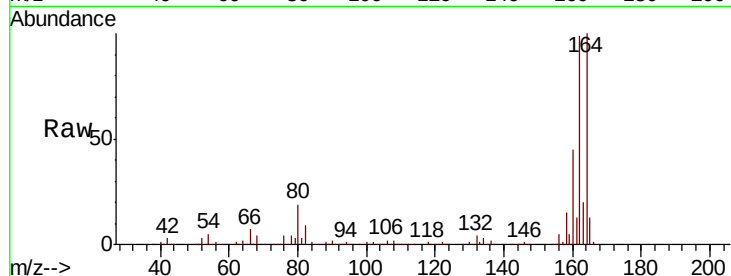




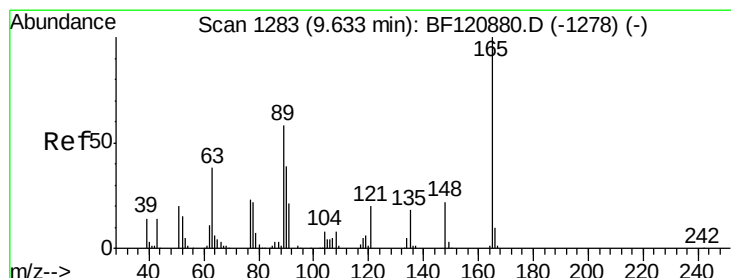
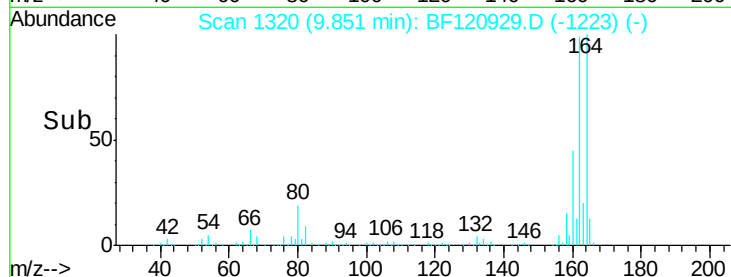
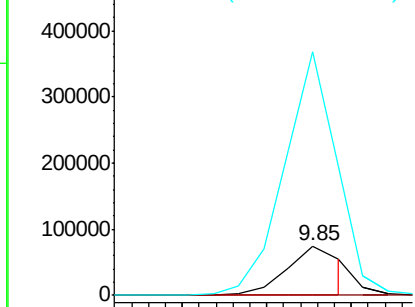
#50
Dimethylphthalate
Concen: 2.834 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.27 min
Lab File: BF120929.D
Acq: 20 Jul 2020 12:56

Instrument :
BNA_F
ClientSampleId :
PB130296BL

Tot Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	492.1	7.9	11.9#

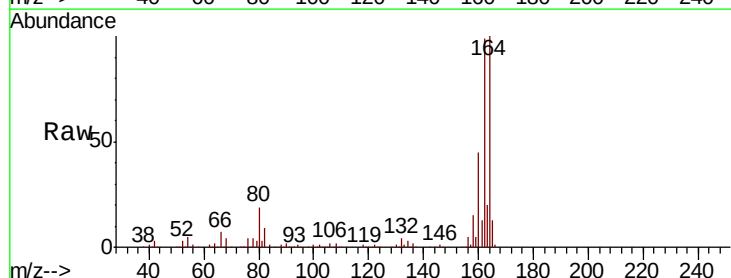


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

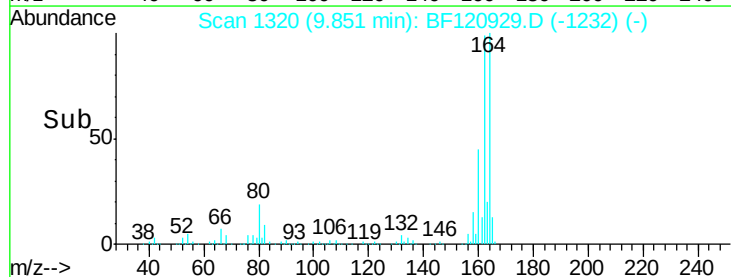
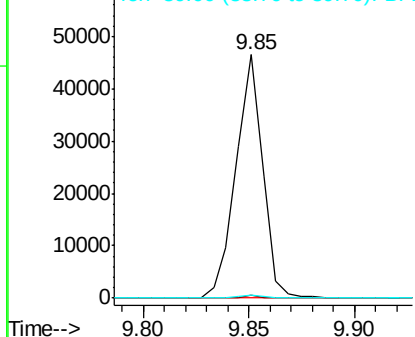


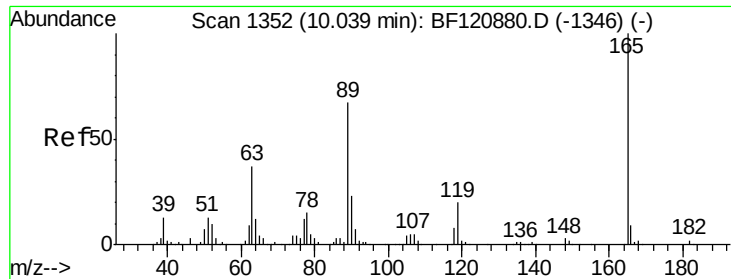
#51
2,6-Dinitrotoluene
Concen: 8.082 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.22 min
Lab File: BF120929.D
Acq: 20 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	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

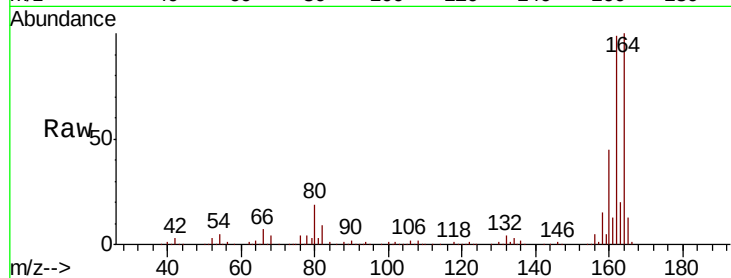




#57
 2,4-Dinitrotoluene
 Concen: 6.154 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF120929.D
 Acq: 20 Jul 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BL

Tot Ion:165	Resp:	40642
Ion Ratio	Lower	Upper
165	100	
63	1.2	29.4 44.2#
89	1.1	53.4 80.0#
182	0.0	1.8 2.6#

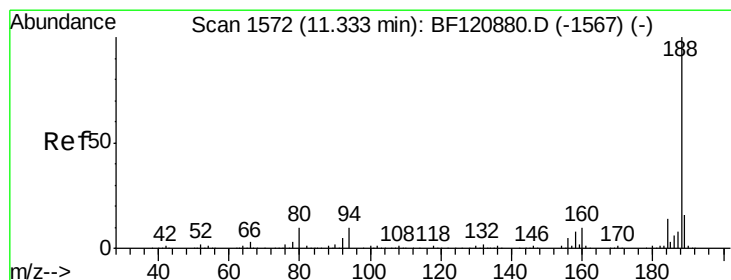
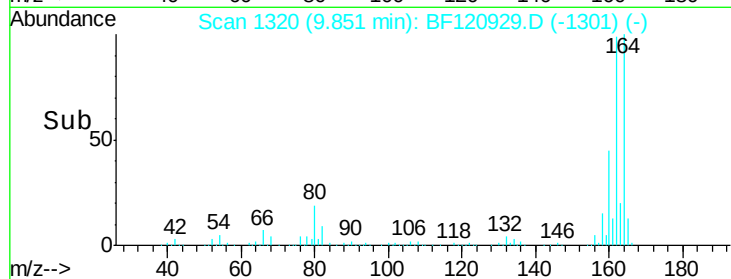
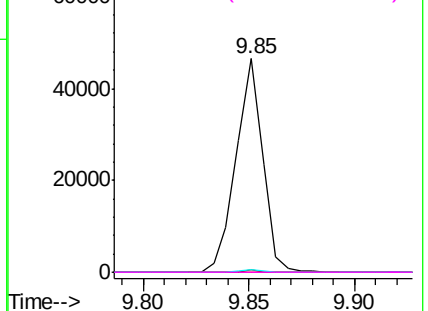


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

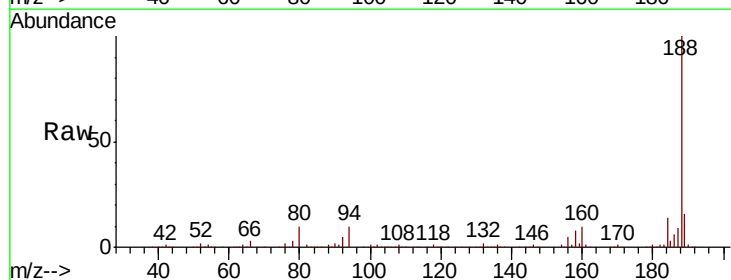
Ion 89.00 (88.70 to 89.70): BF1

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: BF120929.D
 Acq: 20 Jul 2020 12:56

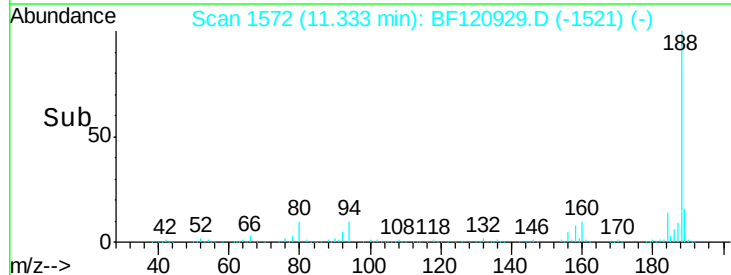
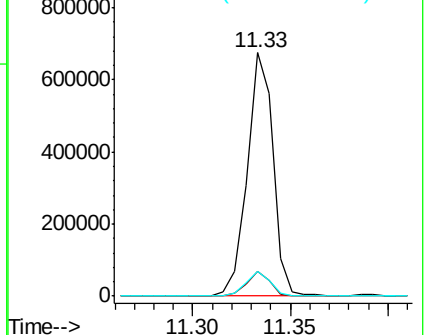
Tgt Ion:188	Resp:	618102
Ion Ratio	Lower	Upper
188	100	
94	10.0	8.0 12.0
80	10.2	8.3 12.5

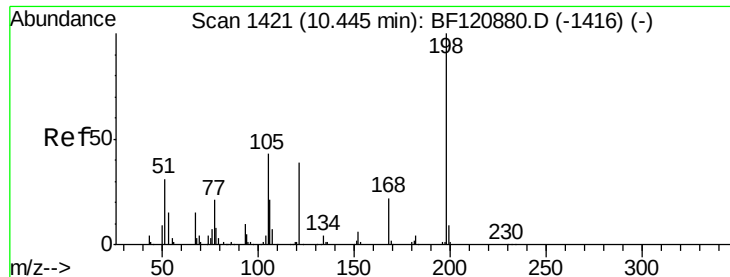


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

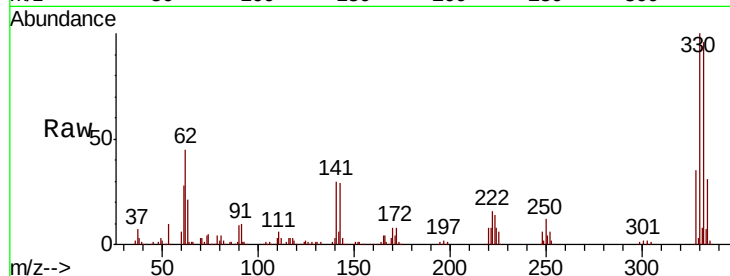




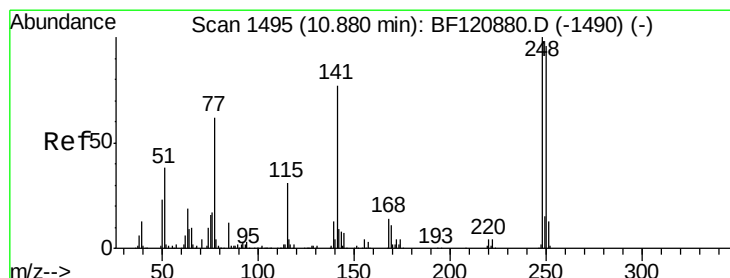
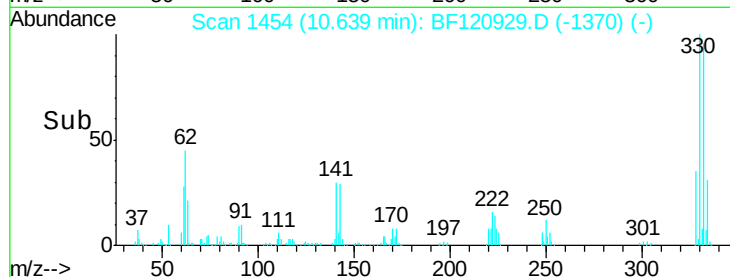
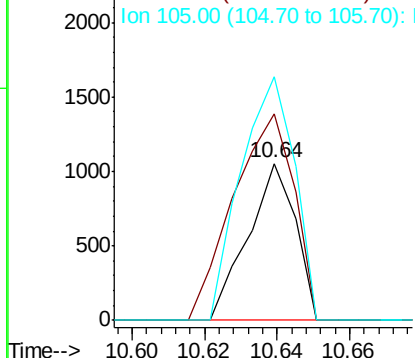
#65
4,6-Dinitro-2-methylphenol
Concen: 4.088 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF120929.D
Acq: 20 Jul 2020 12:56

Instrument :
BNA_F
ClientSampleId :
PB130296BL

Tot Ion	Ratio	Lower	Upper
198	100		
51	131.8	19.5	59.5#
105	155.1	24.4	64.4#

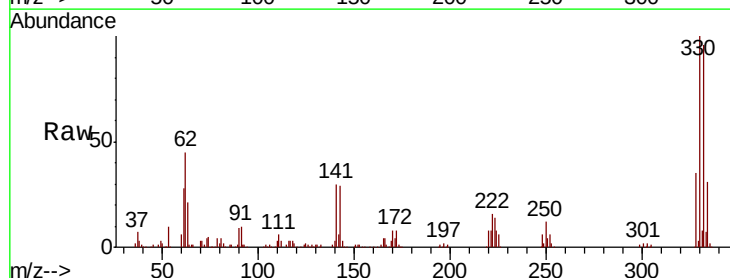


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

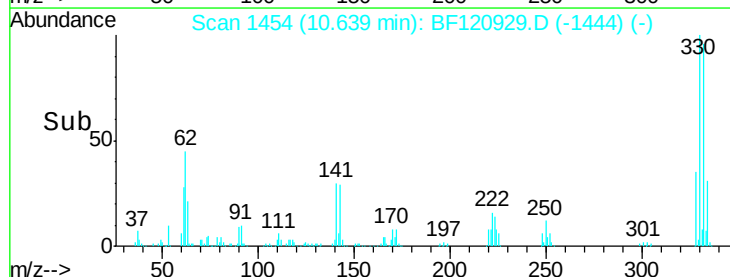
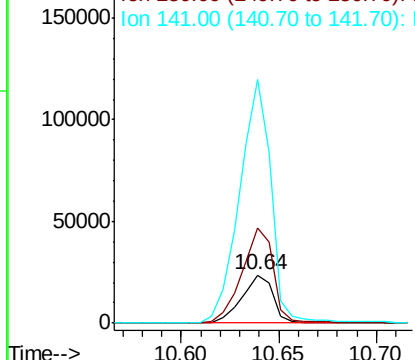


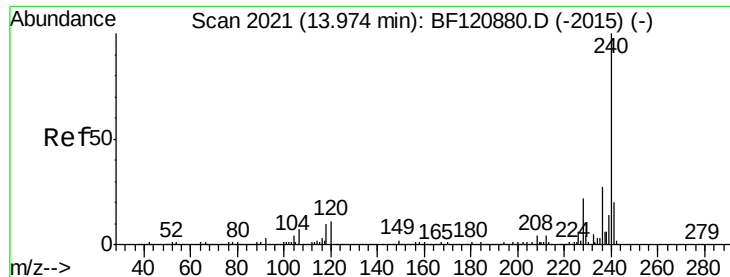
#67
4-Bromophenyl-phenylether
Concen: 3.785 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120929.D
Acq: 20 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.9	77.1	115.7#
141	507.2	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

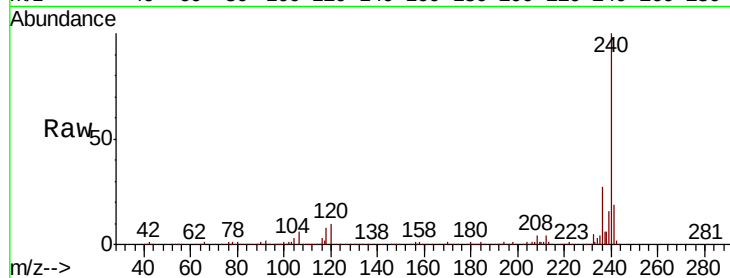




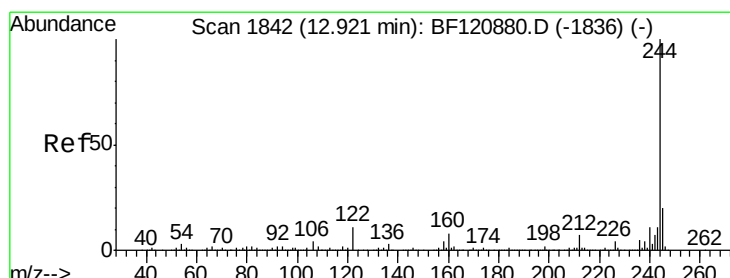
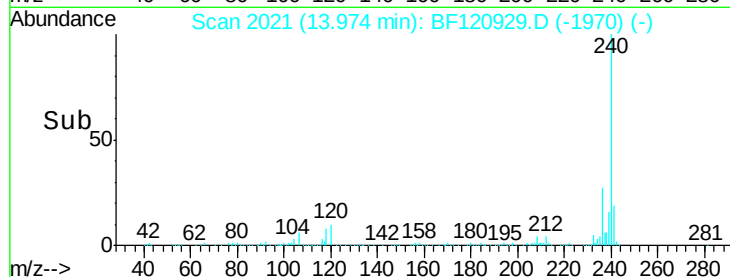
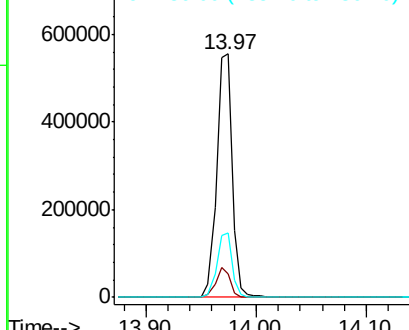
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF120929.D
Acq: 20 Jul 2020 12:56

Instrument :
BNA_F
ClientSampleId :
PB130296BL

Tot Ion:240 Resp: 542050
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 26.6 21.7 32.5

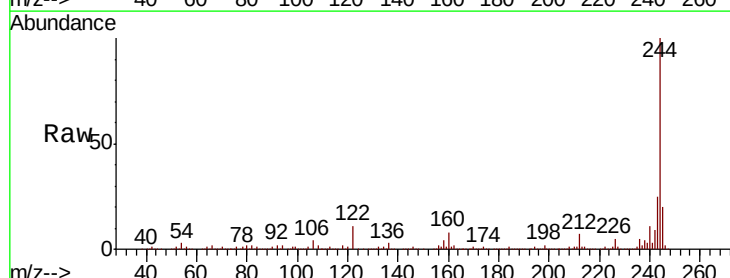


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

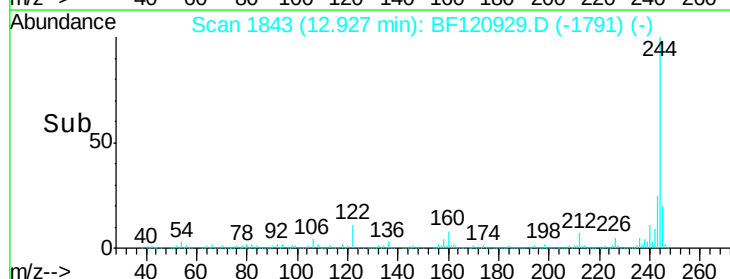
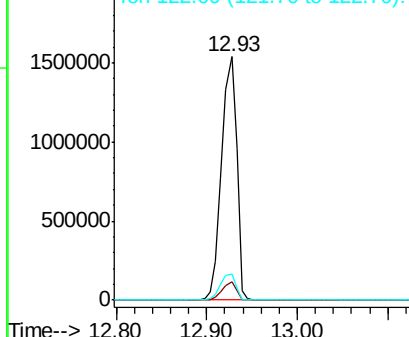


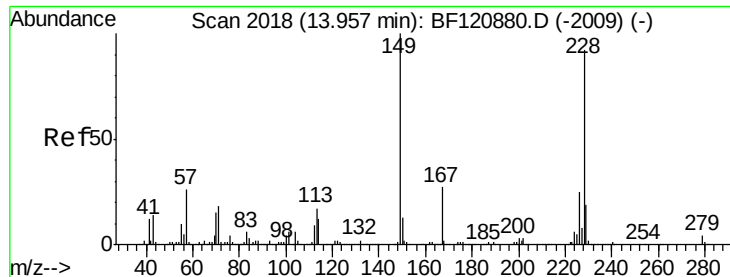
#79
Terphenyl-d14
Concen: 70.721 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF120929.D
Acq: 20 Jul 2020 12:56

Tgt Ion:244 Resp: 1763494
Ion Ratio Lower Upper
244 100
212 7.3 5.6 8.4
122 10.7 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: 6.536 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.12 min

Lab File: BF120929.D

Acq: 20 Jul 2020 12:56

Instrument :

BNA_F

ClientSampleId :

PB130296BL

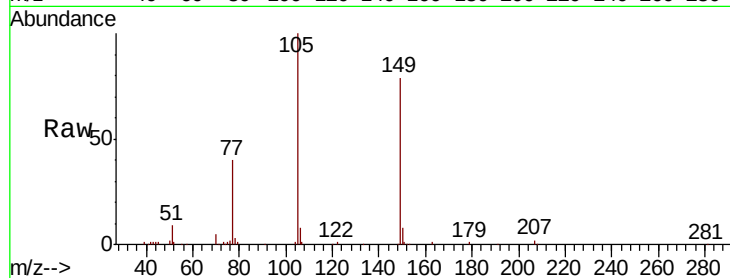
Tot Ion:149 Resp: 137688

Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

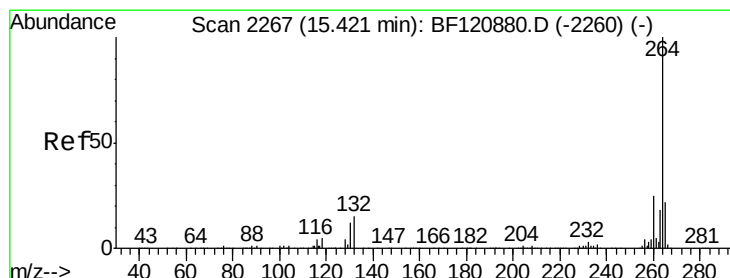
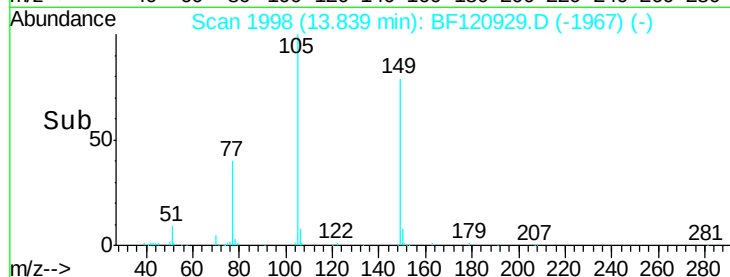
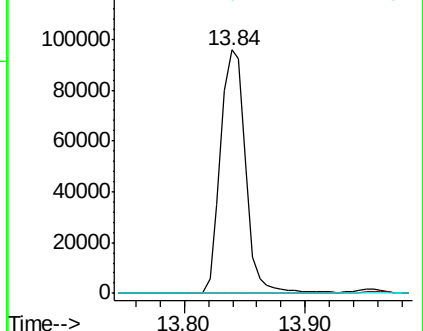
279 0.0 3.0 4.4#



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: BF120929.D

Acq: 20 Jul 2020 12:56

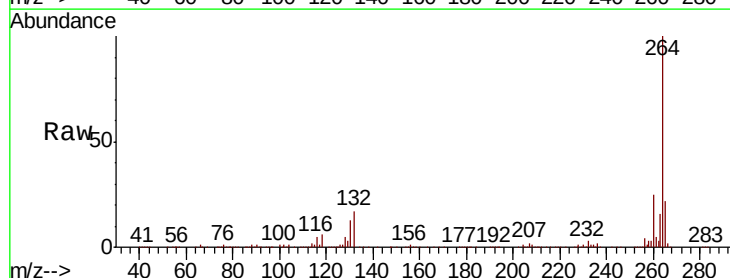
Tgt Ion:264 Resp: 520016

Ion Ratio Lower Upper

264 100

260 24.7 20.0 30.0

265 21.7 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

