

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120915.D
 Acq On : 17 Jul 2020 11:33
 Operator : JU/CG
 Sample : L3308-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 21

Quant Time: Jul 17 12:44:45 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

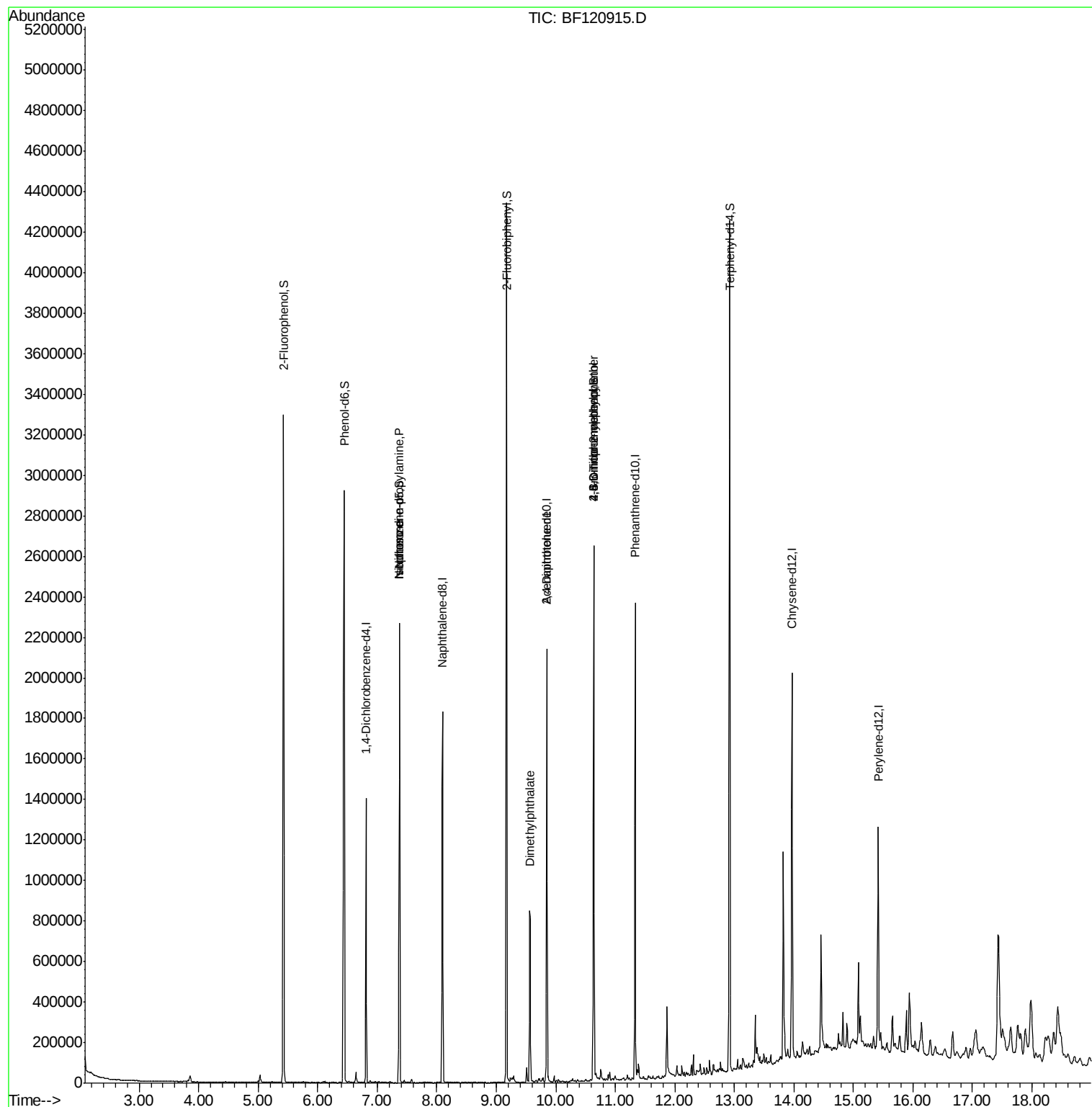
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	205393	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	794172	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	427736	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	814084	20.00	ng	0.00
76) Chrysene-d12	13.97	240	615722	20.00	ng	0.00
86) Perylene-d12	15.42	264	498309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	977370	78.01	ng	0.00
7) Phenol-d6	6.45	99	1241061	76.68	ng	0.00
23) Nitrobenzene-d5	7.37	82	772355	56.27	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	387651	82.80	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1436890	50.16	ng	0.00
79) Terphenyl-d14	12.92	244	1538647	54.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	439	Below Cal		85
19) n-Nitroso-di-n-propylamine	7.37	70	100526	10.923 ng	#	79
25) Isophorone	7.37	82	767771	28.029 ng	#	63
50) Dimethylphthalate	9.57	163	361484	11.714 ng		100
57) 2,4-Dinitrotoluene	9.85	165	54099	6.214 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.63	198	961	4.030 ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	22567	2.486 ng	#	1

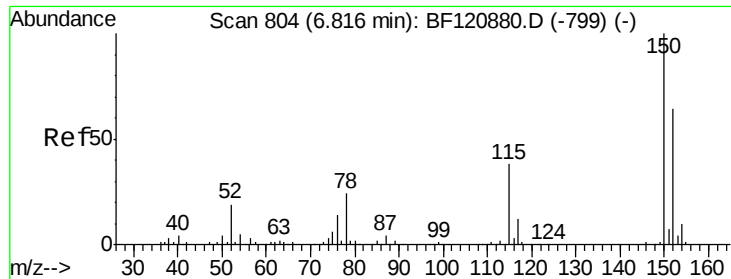
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
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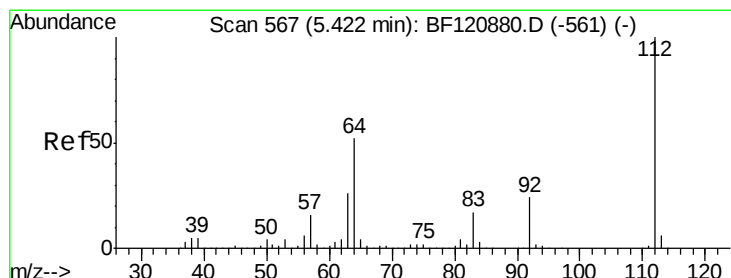
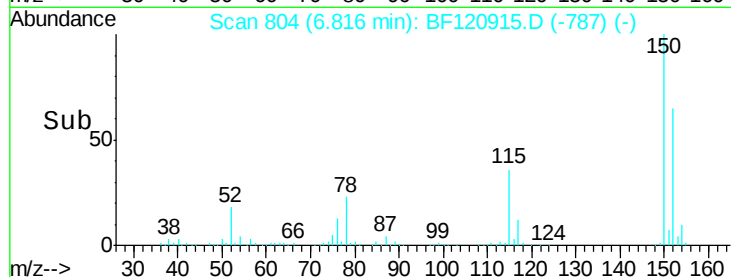
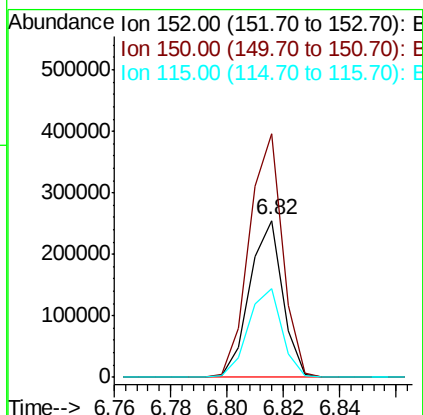
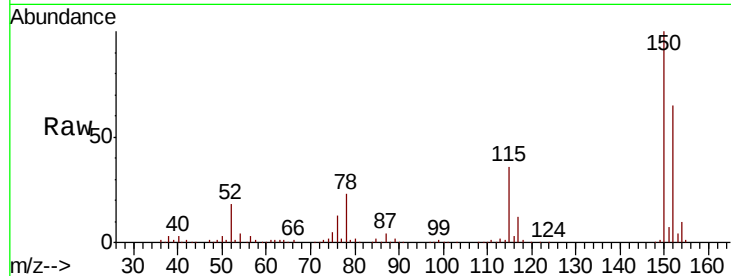


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120915.D
Acq: 17 Jul 2020 11:33

Instrument :
BNA_F
ClientSampled :
21

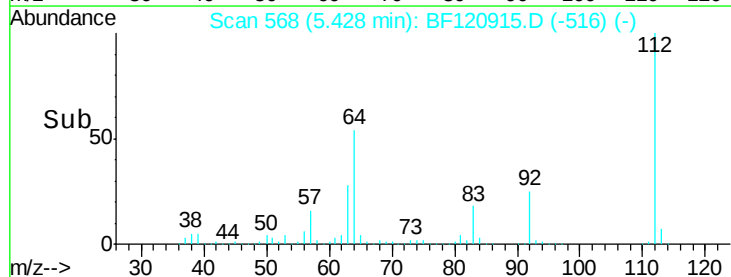
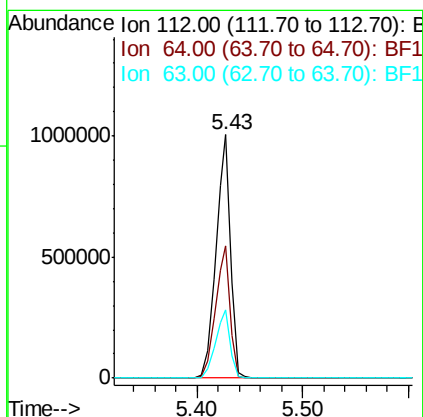
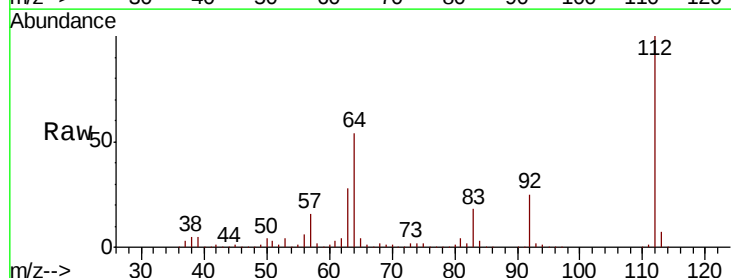
Tot Ion:152 Resp: 205393
Ion Ratio Lower Upper
152 100
150 155.0 125.0 187.6
115 56.5 47.0 70.4

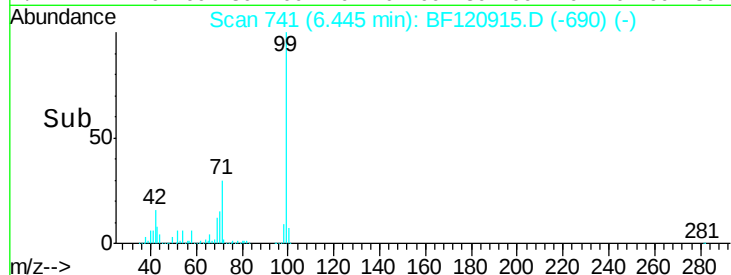
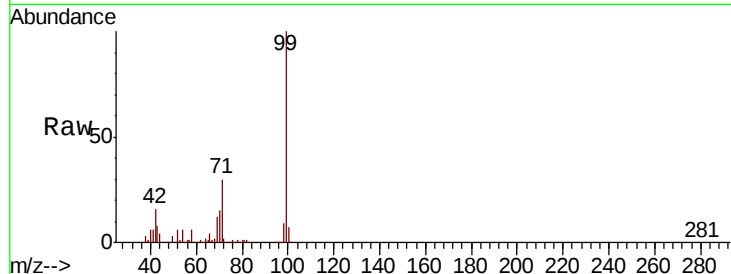
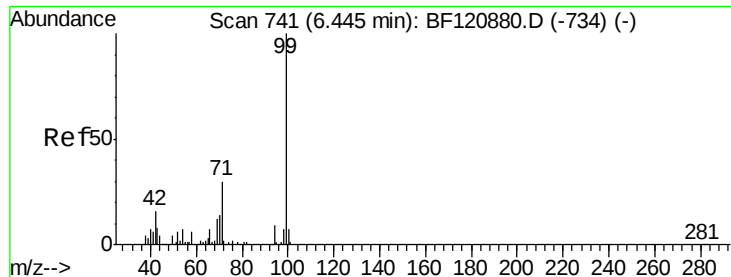


#5

2-Fluorophenol
Concen: 78.009 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120915.D
Acq: 17 Jul 2020 11:33

Tgt Ion:112 Resp: 977370
Ion Ratio Lower Upper
112 100
64 54.3 41.3 61.9
63 28.1 21.1 31.7





#7

Phenol-d6

Concen: 76.684 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120915.D

Acq: 17 Jul 2020 11:33

Instrument :

BNA_F

ClientSampled :

21

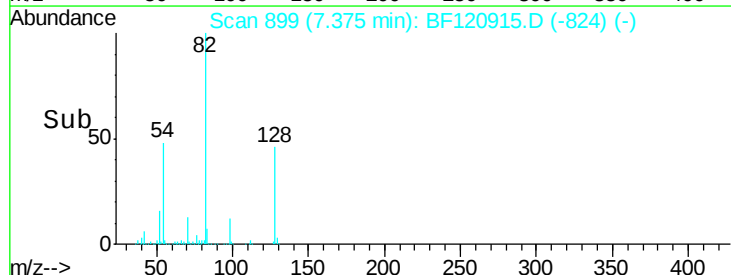
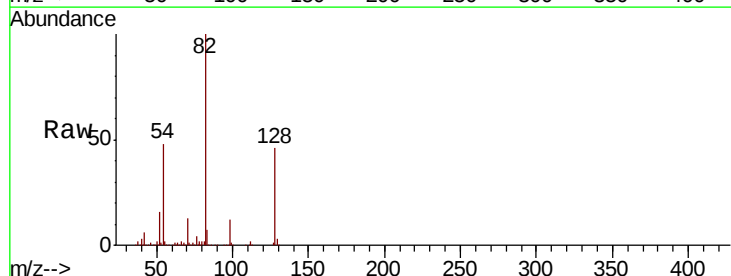
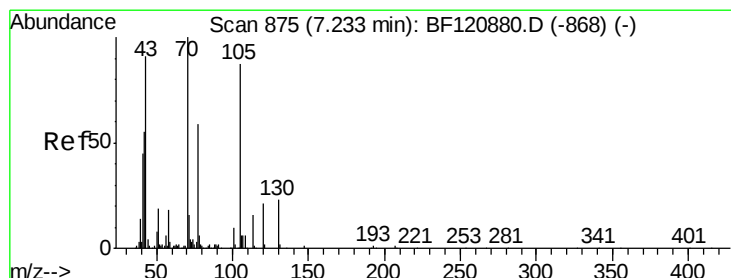
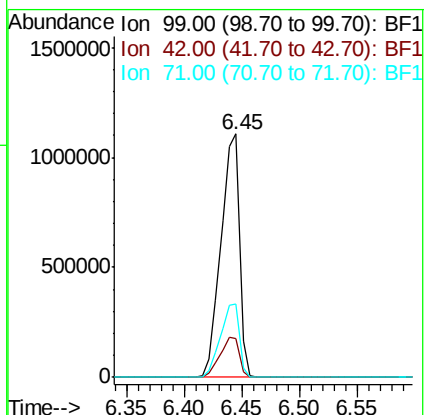
Tot Ion: 99 Resp: 1241061

Ion Ratio Lower Upper

99 100

42 15.8 13.1 19.7

71 30.0 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.923 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120915.D

Acq: 17 Jul 2020 11:33

Tgt Ion: 70 Resp: 100526

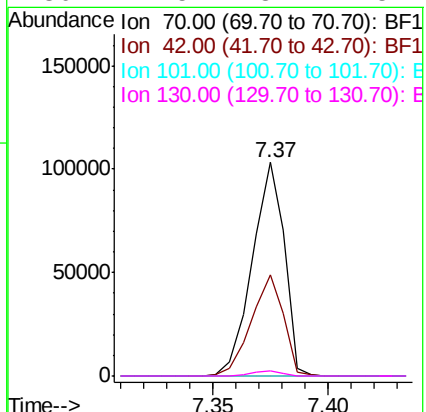
Ion Ratio Lower Upper

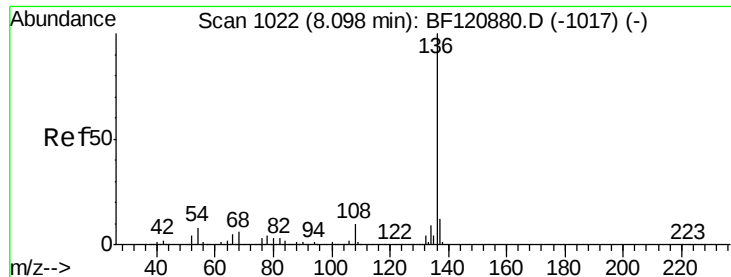
70 100

42 47.2 44.0 66.0

101 0.0 7.8 11.6#

130 2.5 18.7 28.1#

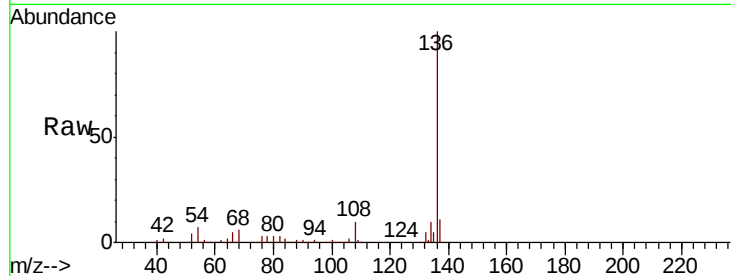




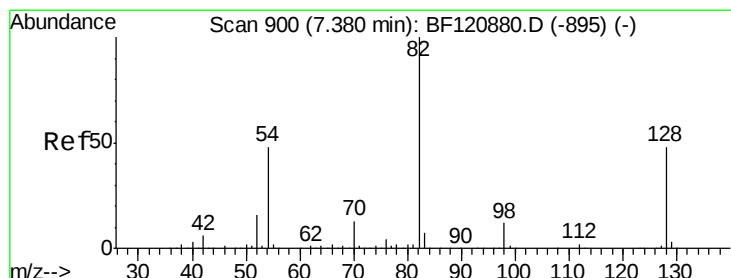
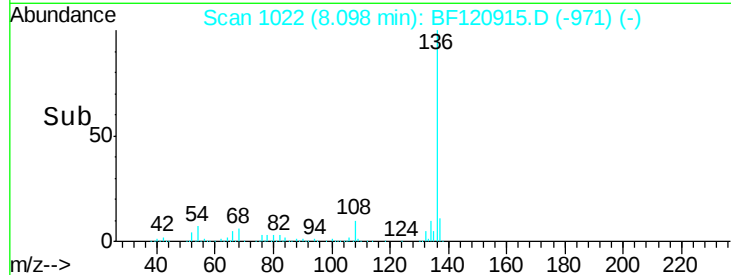
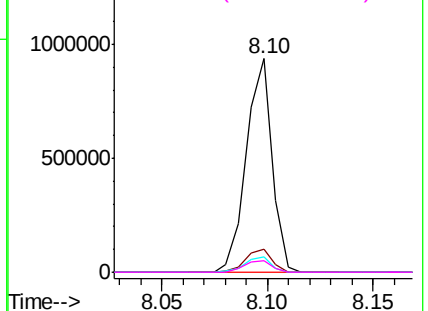
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120915.D
Acq: 17 Jul 2020 11:33

Instrument :
BNA_F
ClientSampleId :
21

Tot Ion:136	Resp:	794172
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.3 13.9
54	7.0	6.3 9.5
68	5.6	5.0 7.4

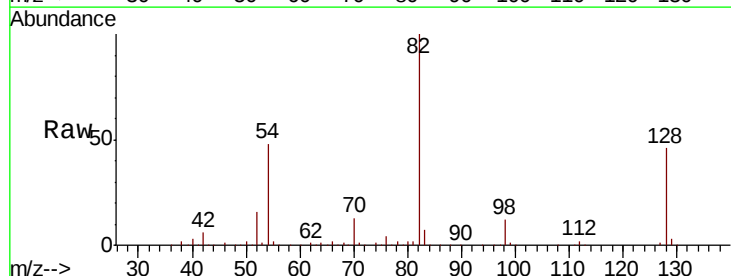


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

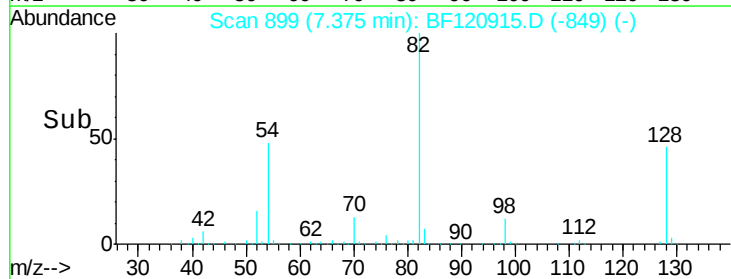
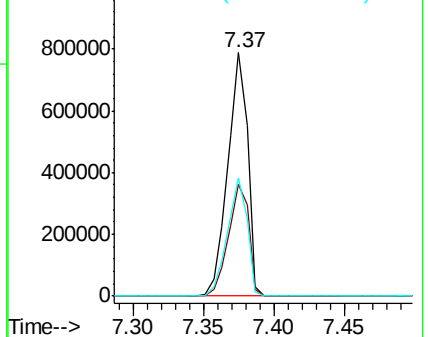


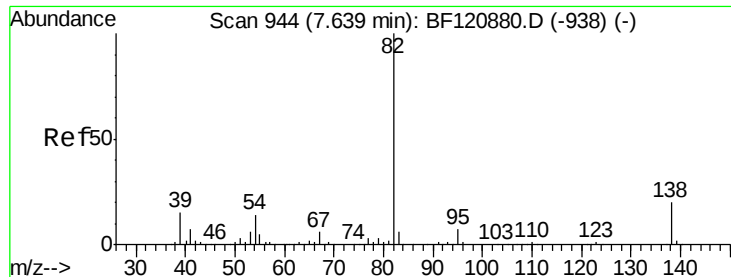
#23
Nitrobenzene-d5
Concen: 56.273 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120915.D
Acq: 17 Jul 2020 11:33

Tgt Ion: 82	Resp:	772355
Ion Ratio	Lower	Upper
82	100	
128	45.8	38.2 57.4
54	48.4	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: 28.029 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120915.D

Acq: 17 Jul 2020 11:33

Instrument :

BNA_F

ClientSampleId :

21

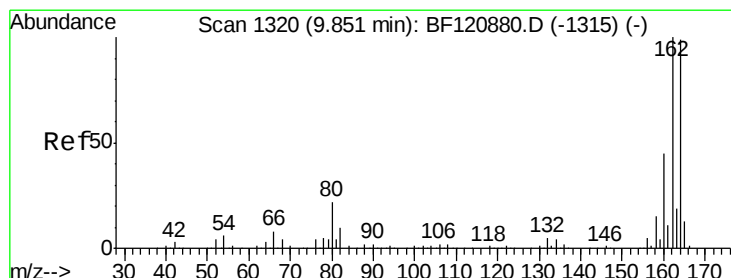
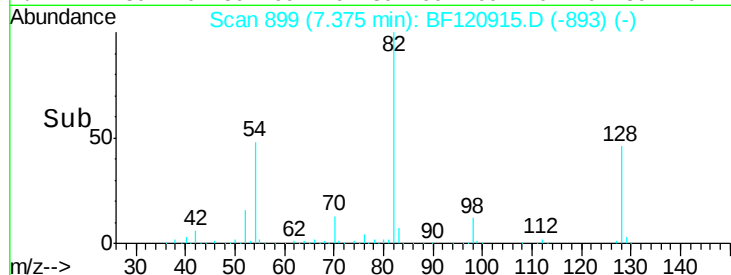
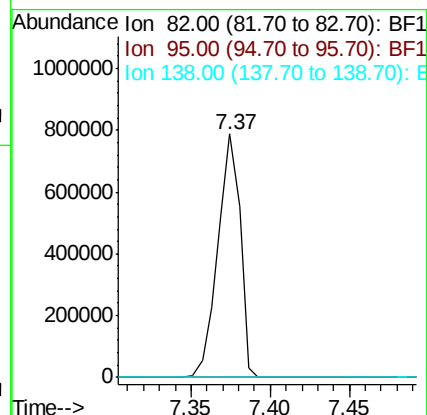
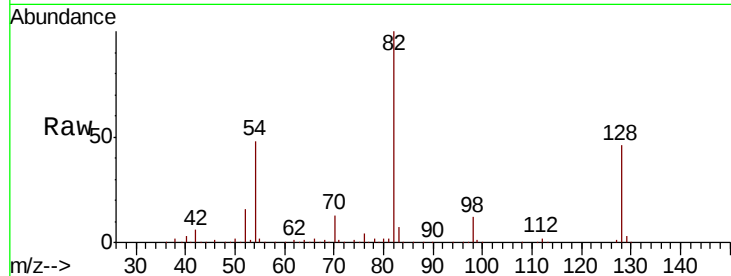
Tot Ion: 82 Resp: 767771

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: BF120915.D

Acq: 17 Jul 2020 11:33

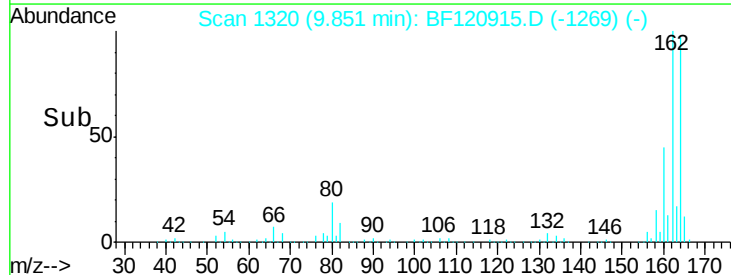
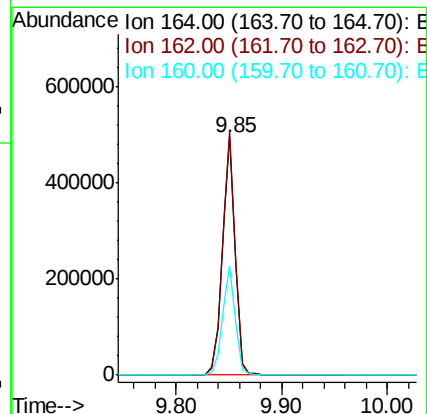
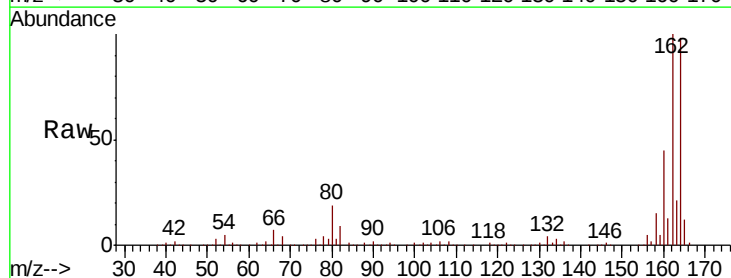
Tgt Ion: 164 Resp: 427736

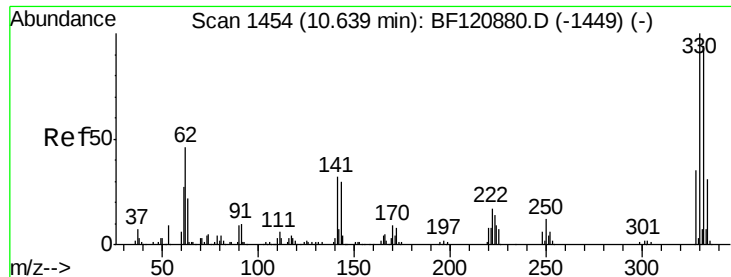
Ion Ratio Lower Upper

164 100

162 102.2 81.2 121.8

160 45.9 36.9 55.3

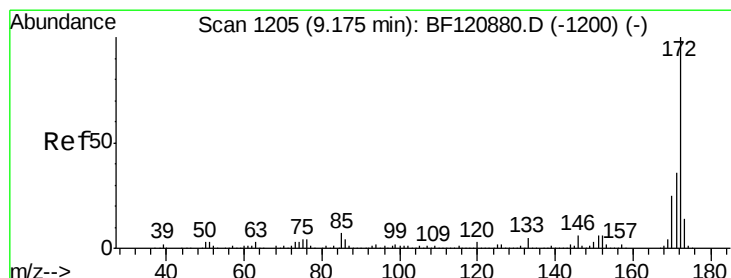
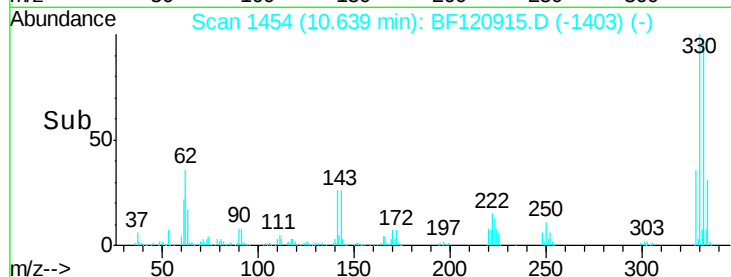
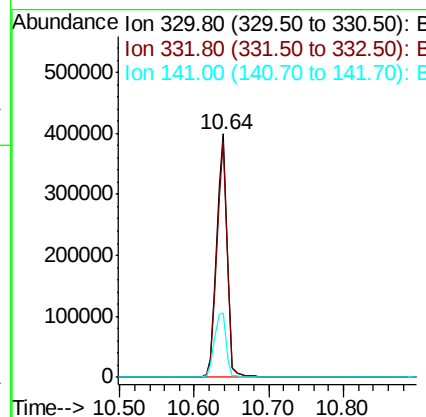
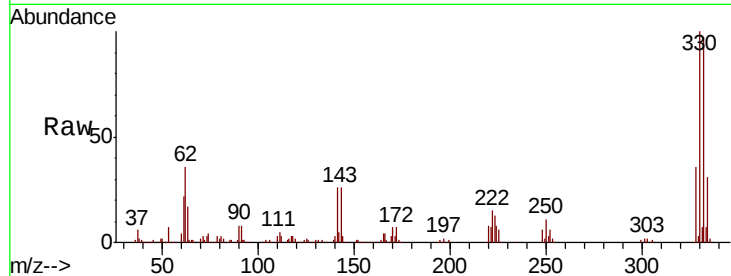




#42
 2,4,6-Tribromophenol
 Concen: 82.796 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120915.D
 Acq: 17 Jul 2020 11:33

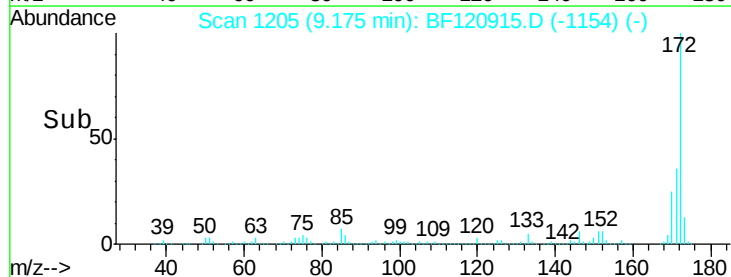
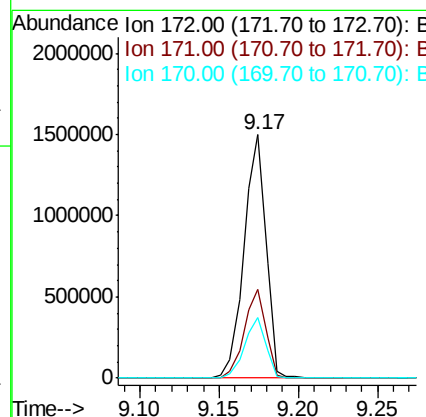
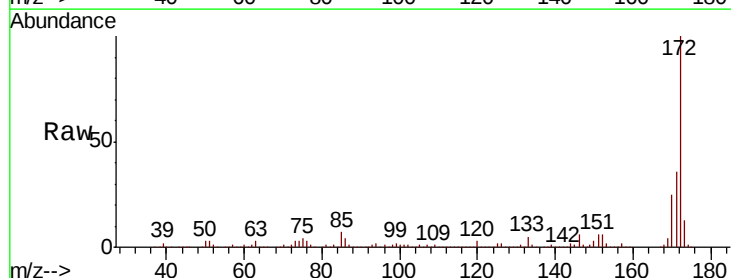
Instrument :
 BNA_F
 ClientSampleId :
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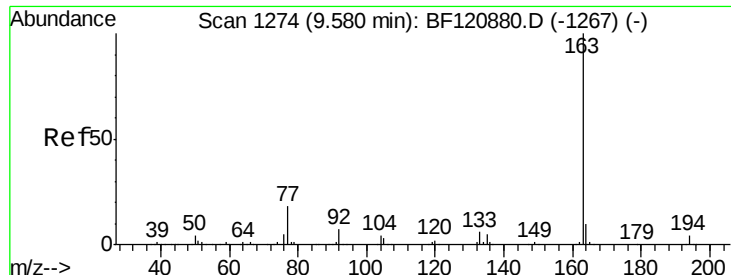
Tot Ion:330 Resp: 387651
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.5 113.3
 141 30.0 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 50.156 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120915.D
 Acq: 17 Jul 2020 11:33

Tgt Ion:172 Resp: 1436890
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 24.9 19.6 29.4

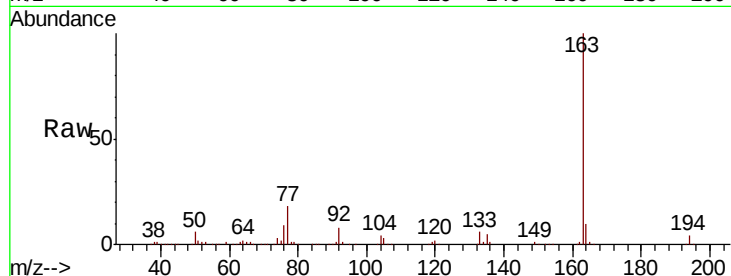




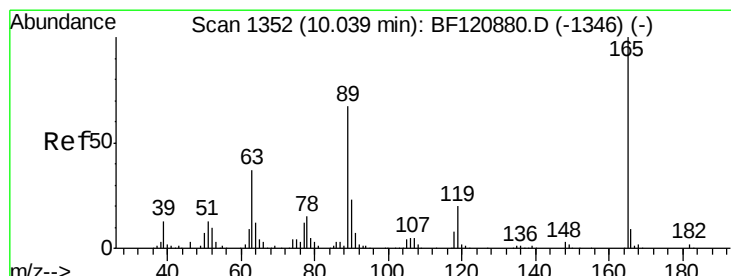
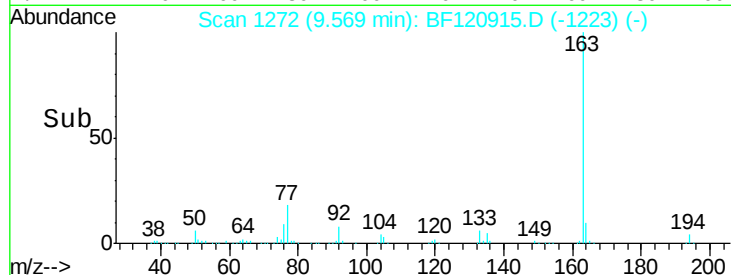
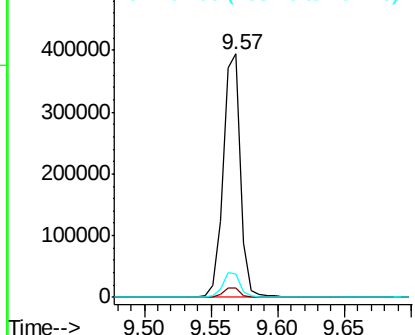
#50
Dimethylphthalate
Concen: 11.714 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF120915.D
Acq: 17 Jul 2020 11:33

Instrument :
BNA_F
ClientSampleId :
21

Tot Ion:163 Resp: 361484
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.7 7.9 11.9

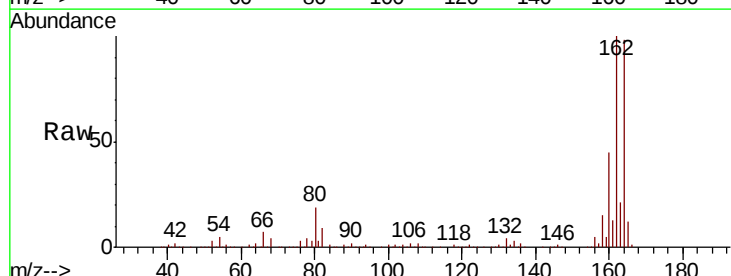


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

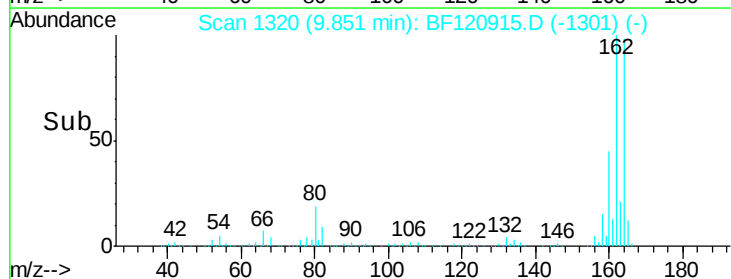
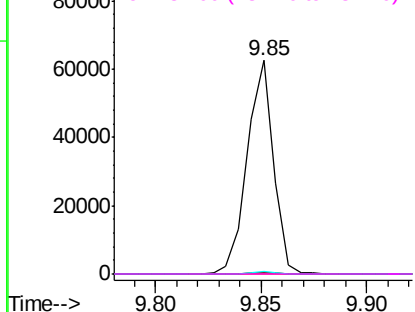


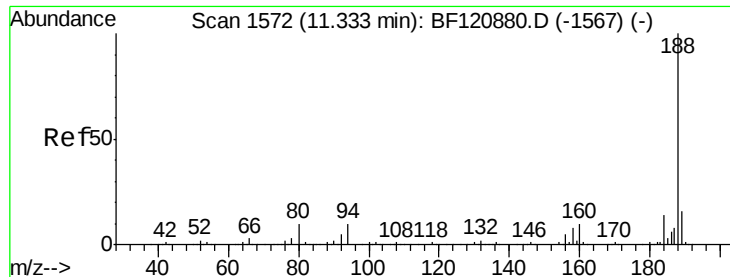
#57
2,4-Dinitrotoluene
Concen: 6.214 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF120915.D
Acq: 17 Jul 2020 11:33

Tgt Ion:165 Resp: 54099
Ion Ratio Lower Upper
165 100
63 0.8 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

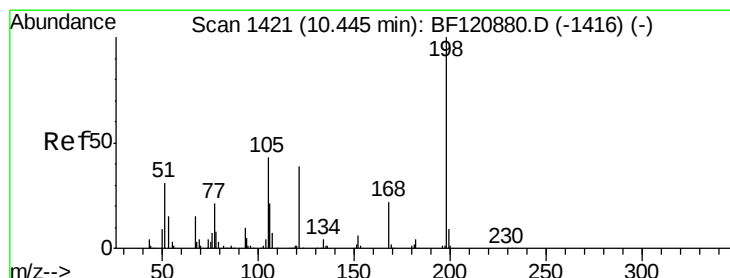
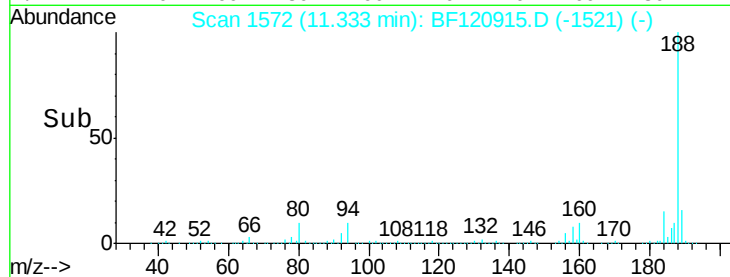
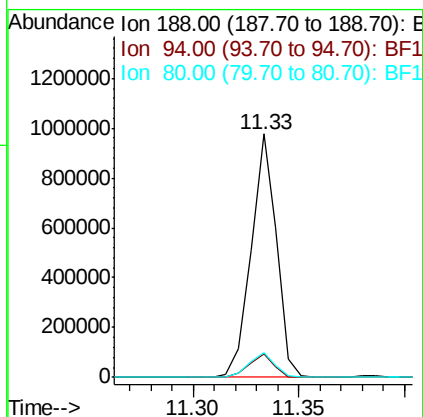
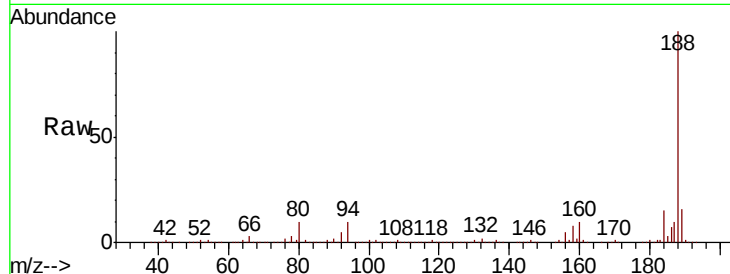




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120915.D
Acq: 17 Jul 2020 11:33

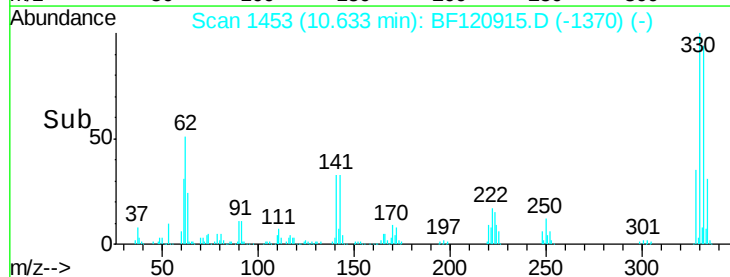
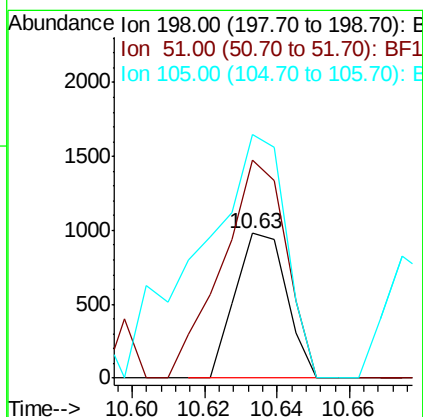
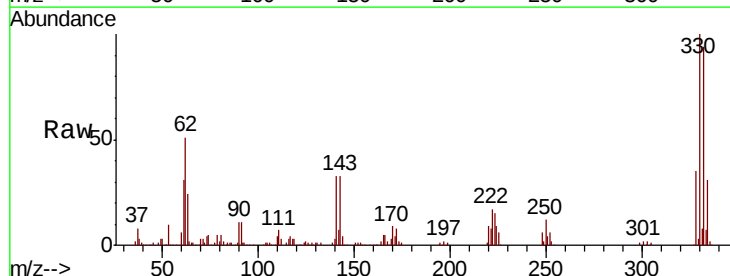
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BNA_F
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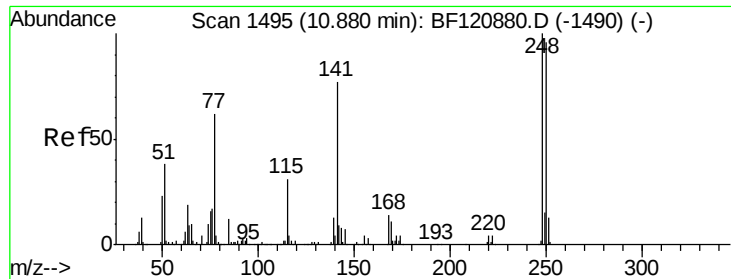
Tot Ion:188 Resp: 814084
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.0 8.3 12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 4.030 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF120915.D
Acq: 17 Jul 2020 11:33

Tgt Ion:198 Resp: 961
Ion Ratio Lower Upper
198 100
51 150.7 19.5 59.5#
105 168.5 24.4 64.4#

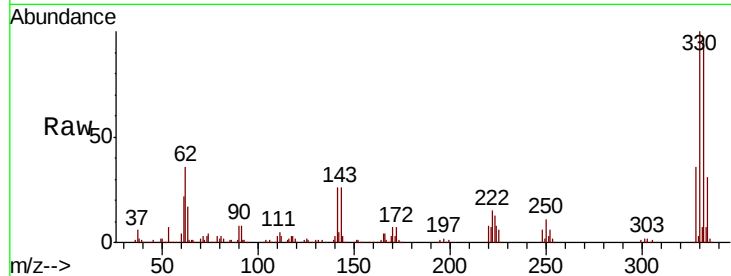




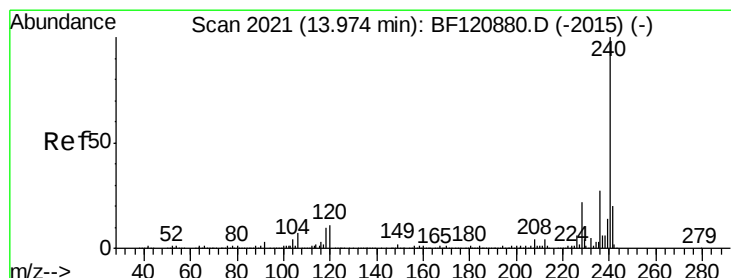
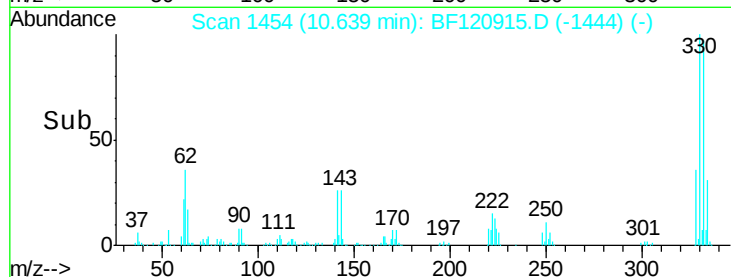
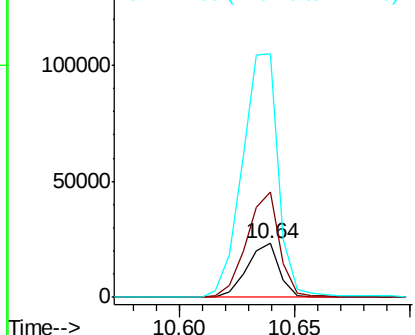
#67
4-Bromophenyl-phenylether
Concen: 2.486 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120915.D
Acq: 17 Jul 2020 11:33

Instrument :
BNA_F
ClientSampled :
21

Tot Ion:248 Resp: 22567
Ion Ratio Lower Upper
248 100
250 193.8 77.1 115.7#
141 449.8 61.2 91.8#

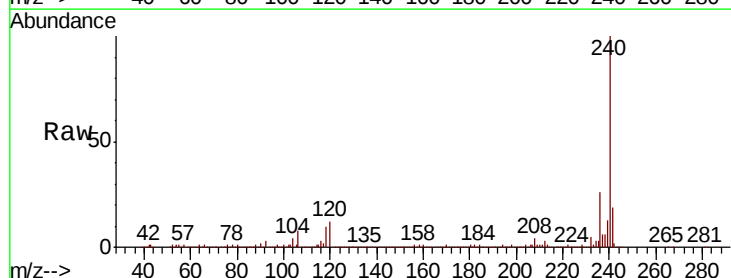


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

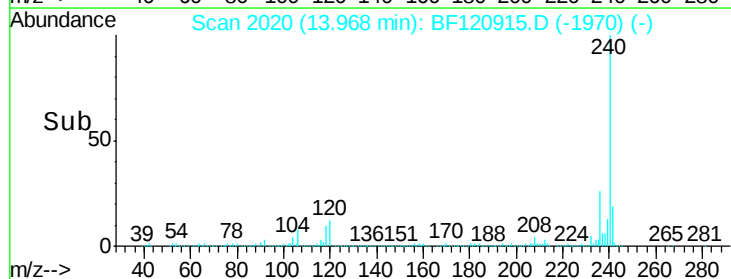
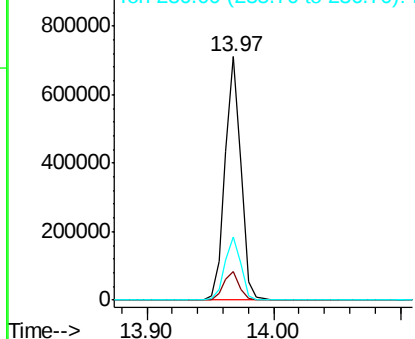


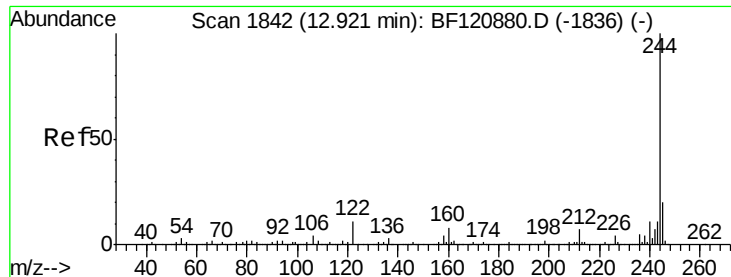
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120915.D
Acq: 17 Jul 2020 11:33

Tgt Ion:240 Resp: 615722
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.4
236 26.1 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

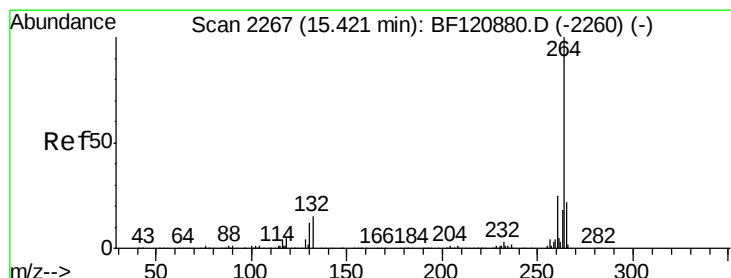
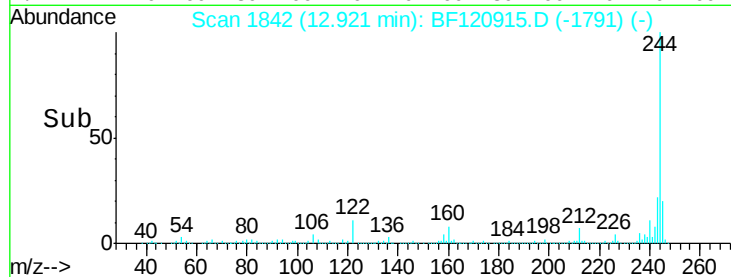
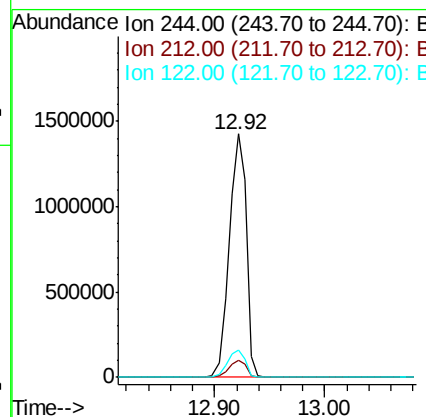
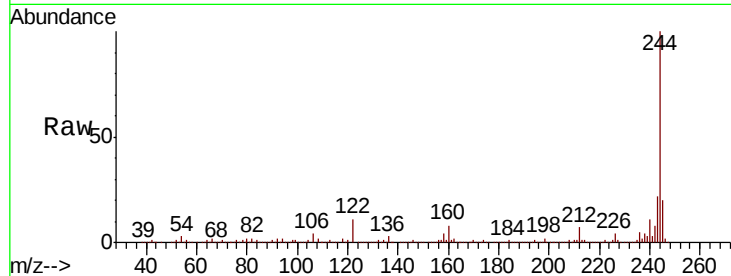




#79
 Terphenyl-d14
 Concen: 54.321 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120915.D
 Acq: 17 Jul 2020 11:33

Instrument :
 BNA_F
 ClientSampleId :
 21

Tot Ion:244 Resp: 1538647
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 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: BF120915.D
 Acq: 17 Jul 2020 11:33

Tgt Ion:264 Resp: 498309
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.0 30.0
 265 21.6 17.4 26.2

