

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121151.D
 Acq On : 31 Jul 2020 11:39
 Operator : JU/CG
 Sample : PB130555TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130555TB

Quant Time: Jul 31 13:26:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

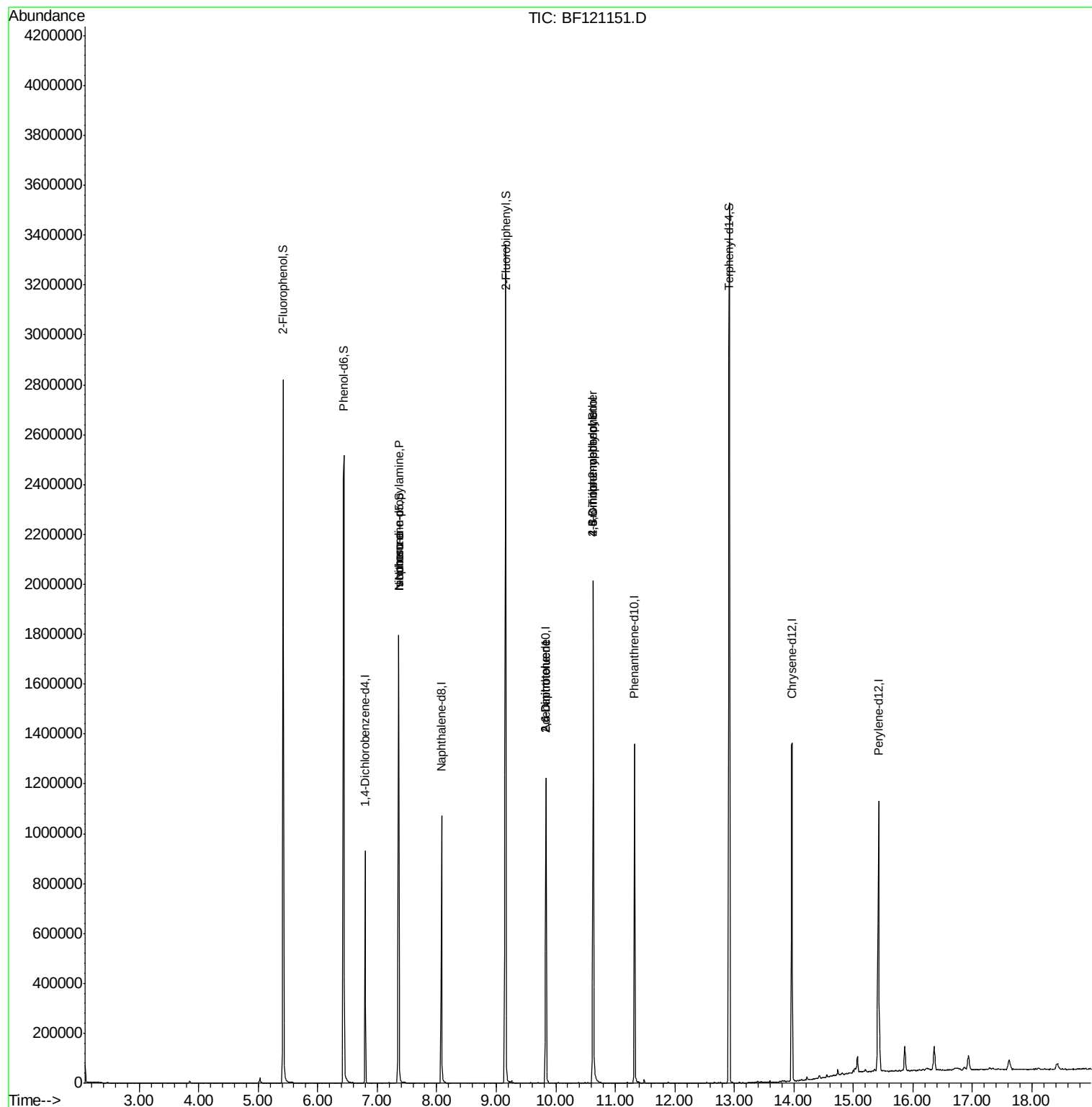
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141030	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	545957	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	282805	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	563348	20.00	ng	0.00
76) Chrysene-d12	13.97	240	514172	20.00	ng	0.00
86) Perylene-d12	15.42	264	513488	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	881117	102.42	ng	0.00
7) Phenol-d6	6.44	99	1083950	97.54	ng	0.00
23) Nitrobenzene-d5	7.36	82	687982	72.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	317174	102.46	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1279652	67.56	ng	0.00
79) Terphenyl-d14	12.92	244	1361007	57.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	1692	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	91028	14.405	ng	# 77
25) Isophorone	7.36	82	669123	35.533	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	36446	8.315	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	36446	6.332	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.63	198	577	4.005	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	18062	2.876	ng	# 1

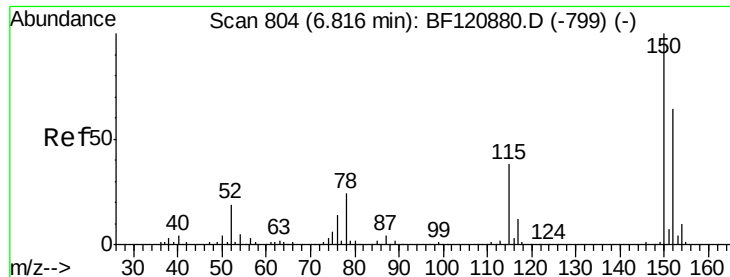
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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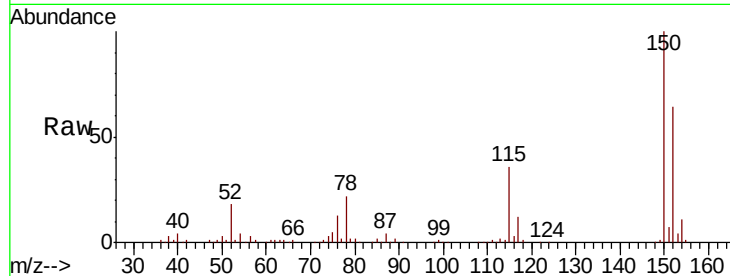


#1

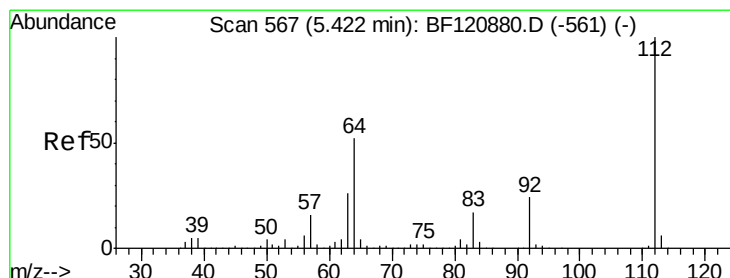
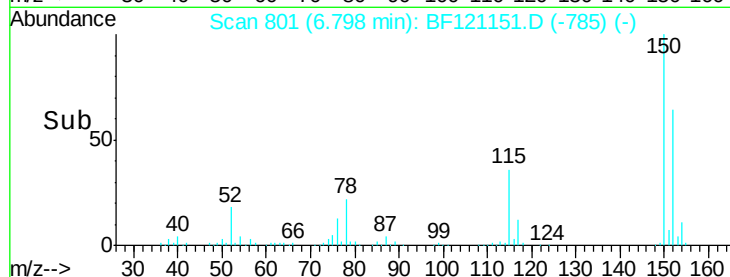
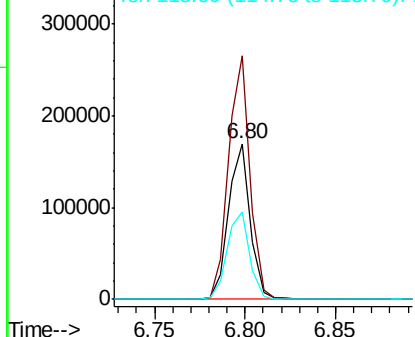
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121151.D
Acq: 31 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
PB130555TB

Tot Ion:152 Resp: 141030
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 56.5 46.2 69.2



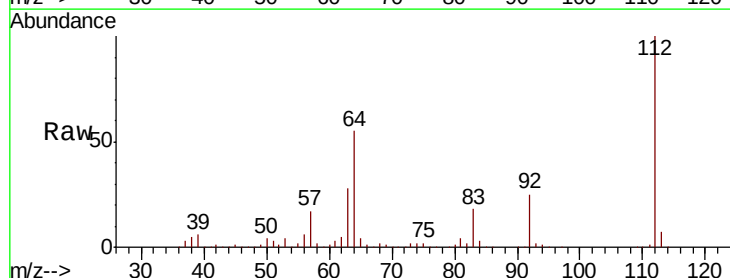
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



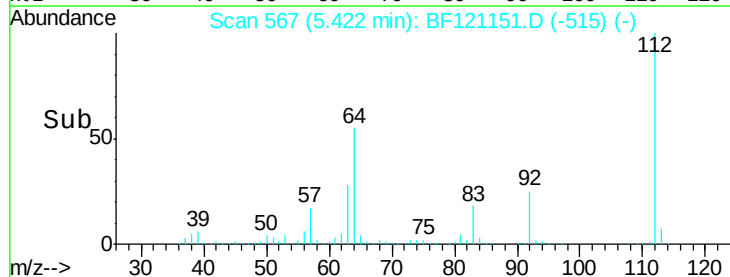
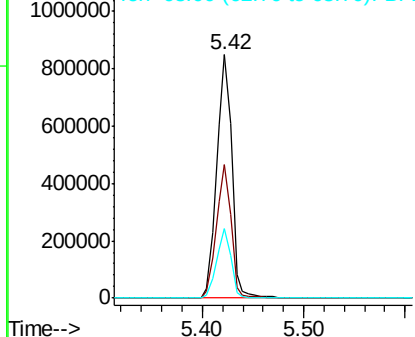
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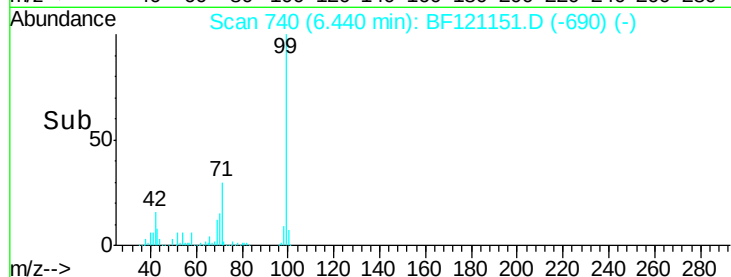
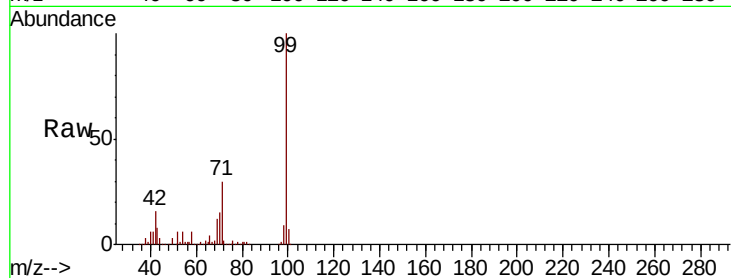
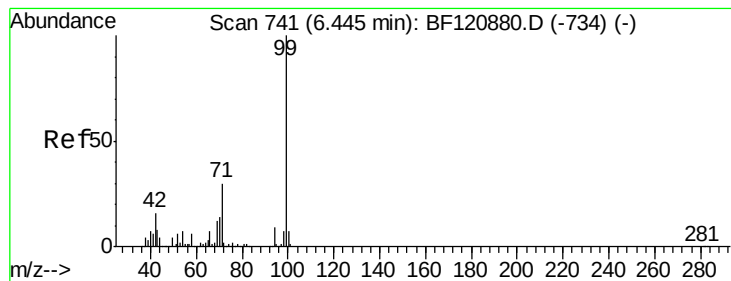
2-Fluorophenol
Concen: 102.423 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121151.D
Acq: 31 Jul 2020 11:39

Tgt Ion:112 Resp: 881117
Ion Ratio Lower Upper
112 100
64 54.8 43.9 65.9
63 28.4 22.7 34.1



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: 97.543 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121151.D

Acq: 31 Jul 2020 11:39

Instrument :

BNA_F

ClientSampleId :

PB130555TB

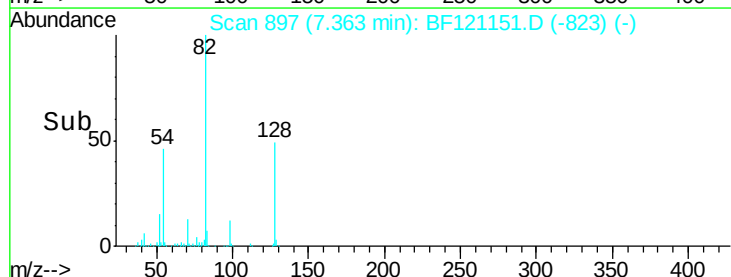
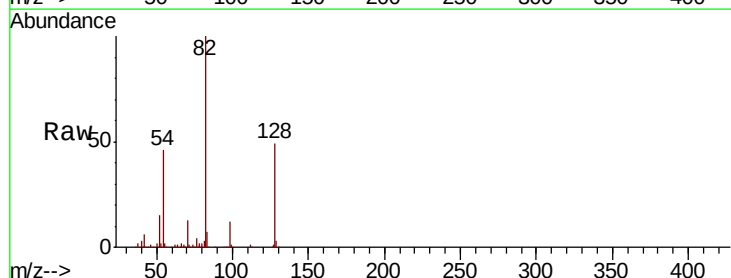
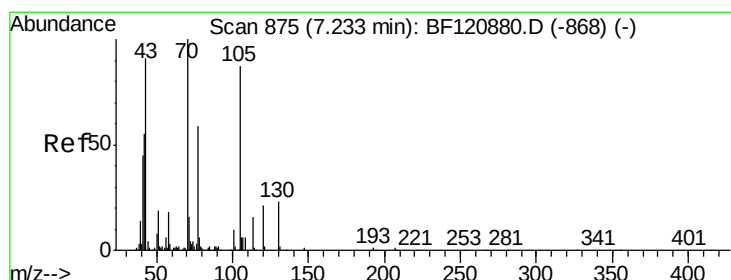
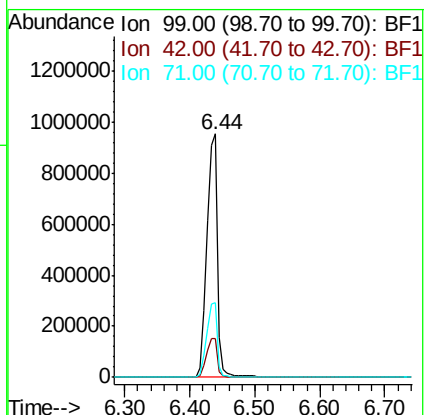
Tot Ion: 99 Resp: 1083950

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

71 30.5 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.405 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF121151.D

Acq: 31 Jul 2020 11:39

Tgt Ion: 70 Resp: 91028

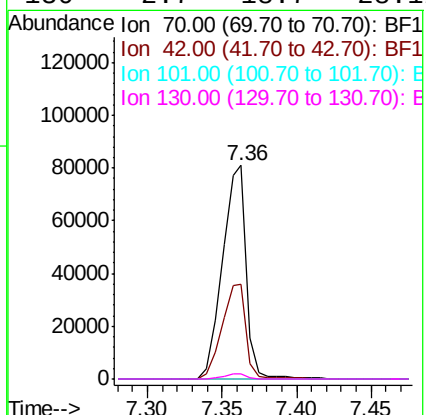
Ion Ratio Lower Upper

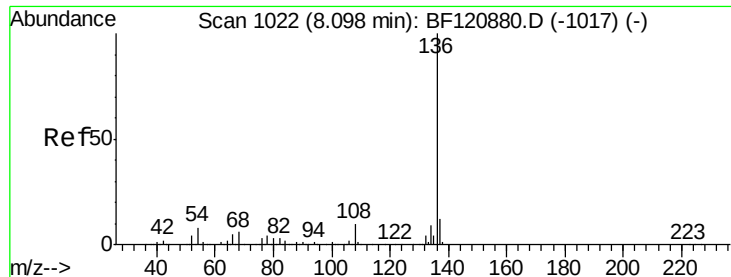
70 100

42 44.6 43.3 64.9

101 0.0 8.4 12.6#

130 2.7 18.7 28.1#

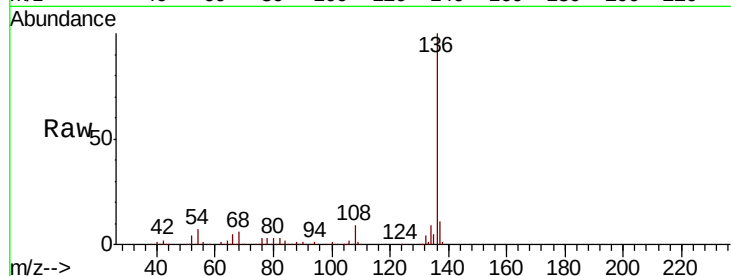




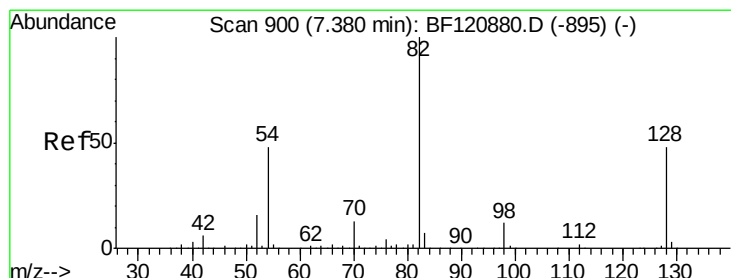
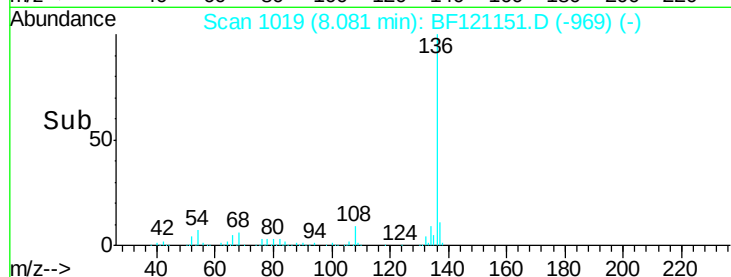
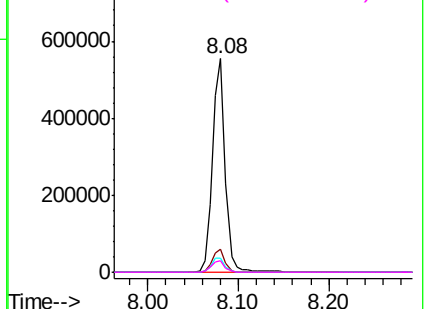
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121151.D
Acq: 31 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
PB130555TB

Tot Ion:	136	Resp:	545957
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.8	6.1	9.1
68	5.7	5.0	7.6

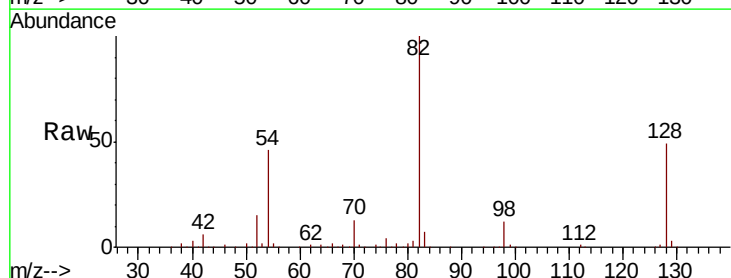


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

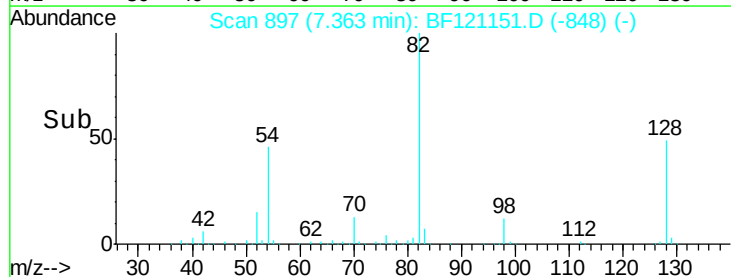
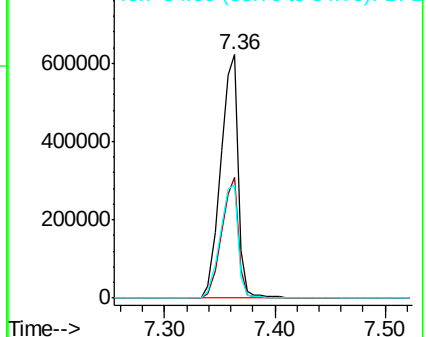


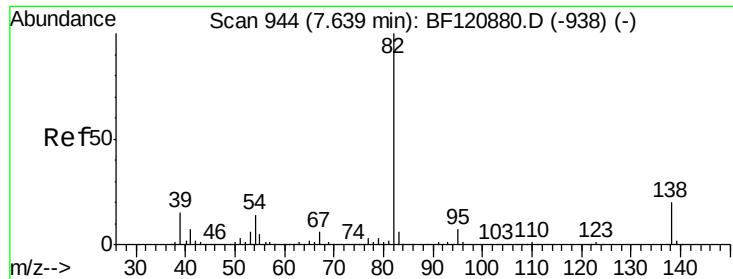
#23
Nitrobenzene-d5
Concen: 72.916 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121151.D
Acq: 31 Jul 2020 11:39

Tgt Ion:	82	Resp:	687982
Ion	Ratio	Lower	Upper
82	100		
128	49.4	39.2	58.8
54	46.2	37.8	56.8



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

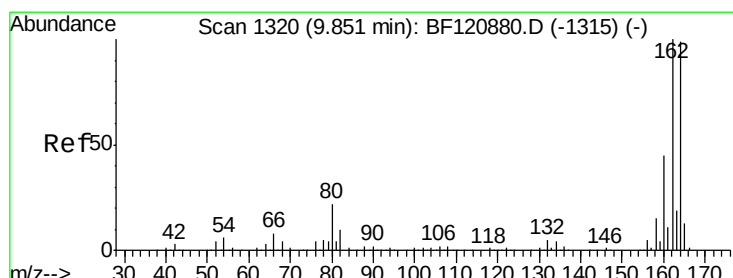
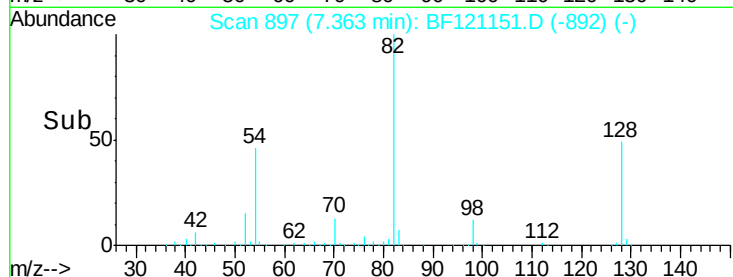
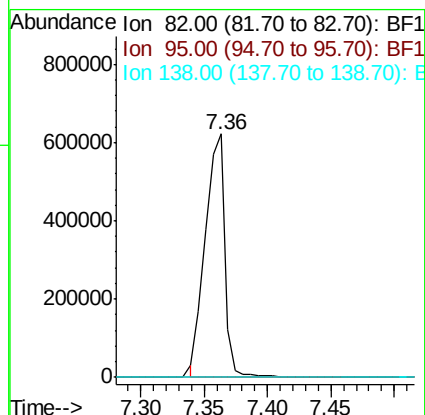
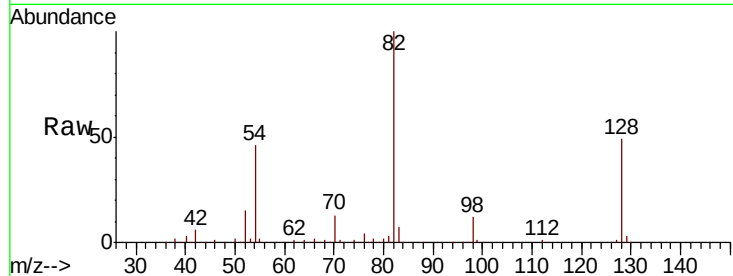




#25
Isophorone
Concen: 35.533 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.27 min
Lab File: BF121151.D
Acq: 31 Jul 2020 11:39

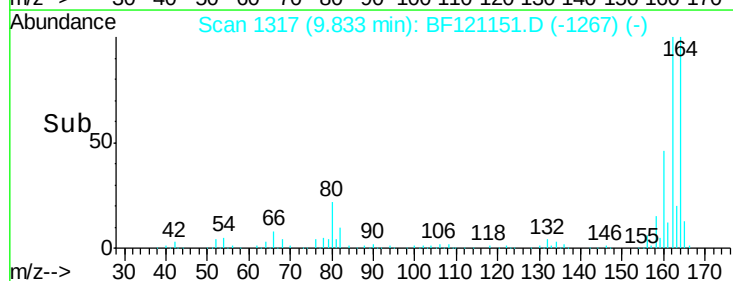
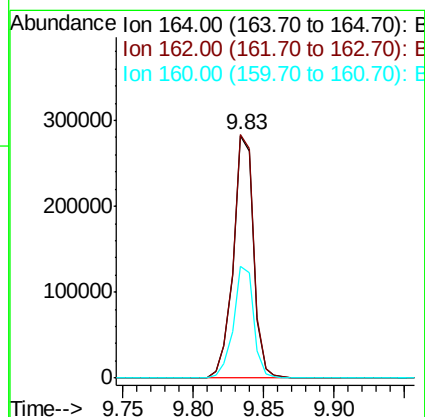
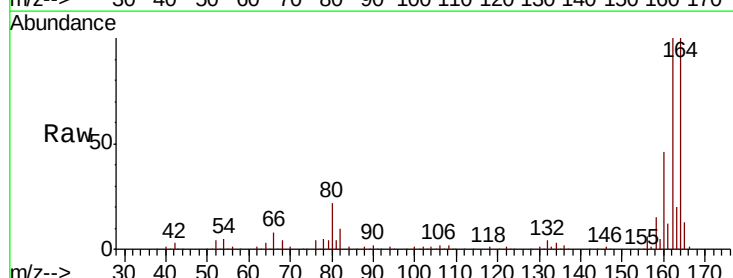
Instrument :
BNA_F
ClientSampleId :
PB130555TB

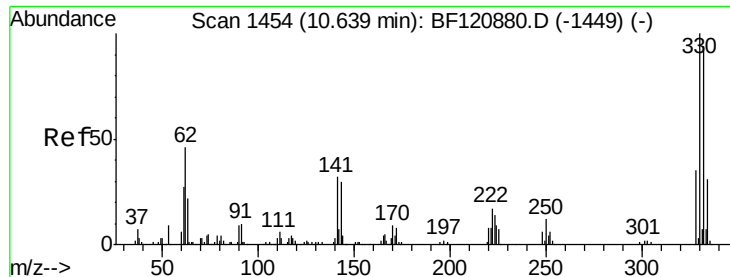
Tot Ion: 82 Resp: 669123
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 16.2 24.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121151.D
Acq: 31 Jul 2020 11:39

Tgt Ion: 164 Resp: 282805
Ion Ratio Lower Upper
164 100
162 100.4 82.2 123.2
160 46.0 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 102.460 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF121151.D

Acq: 31 Jul 2020 11:39

Instrument :

BNA_F

ClientSampleId :

PB130555TB

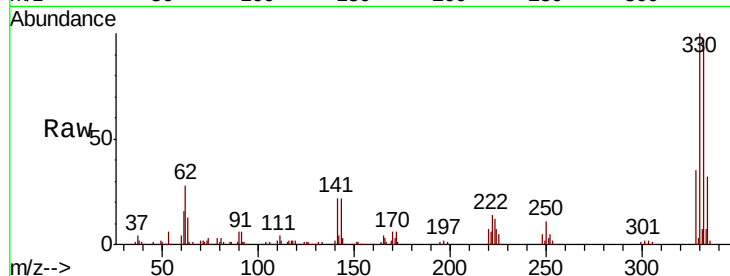
Tot Ion:330 Resp: 317174

Ion Ratio Lower Upper

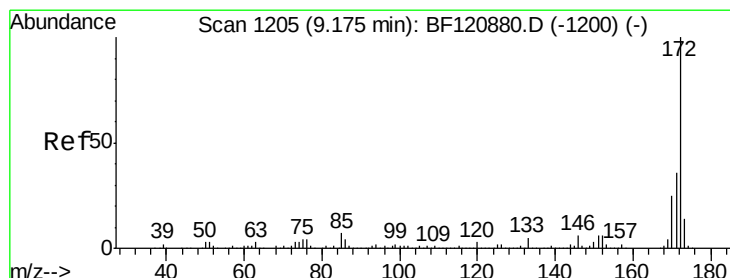
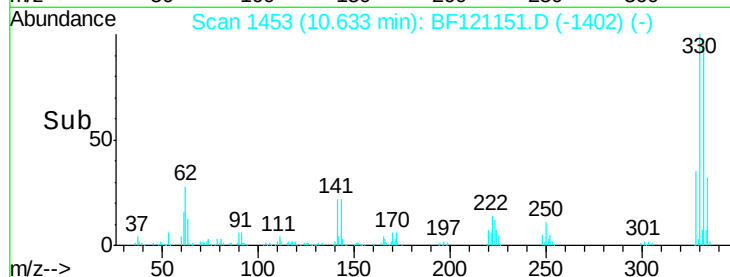
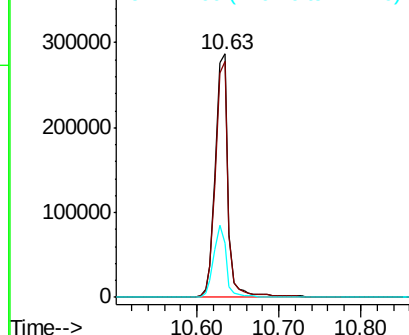
330 100

332 95.8 76.1 114.1

141 29.4 24.1 36.1



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: 67.558 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121151.D

Acq: 31 Jul 2020 11:39

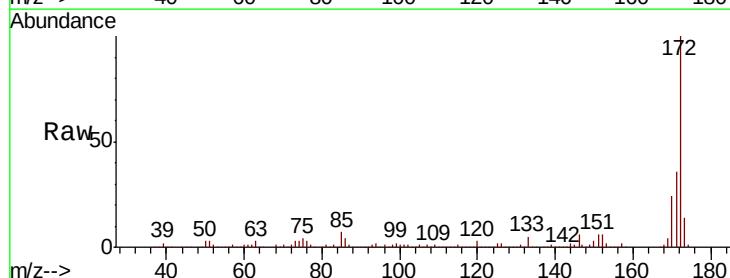
Tgt Ion:172 Resp: 1279652

Ion Ratio Lower Upper

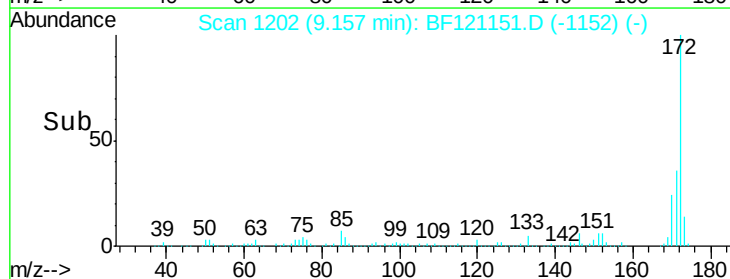
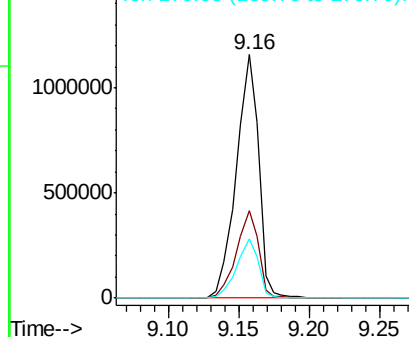
172 100

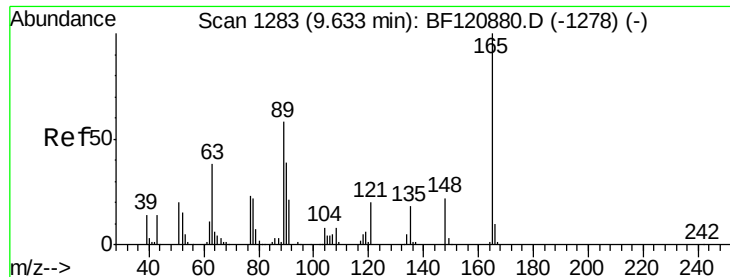
171 36.0 29.0 43.4

170 24.3 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





#51

2,6-Dinitrotoluene

Concen: 8.315 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF121151.D

Acq: 31 Jul 2020 11:39

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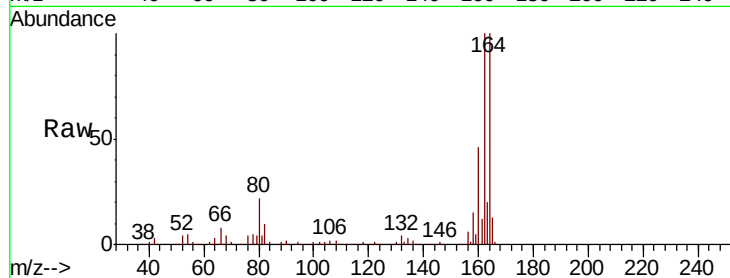
Tot Ion:165 Resp: 36446

Ion Ratio Lower Upper

165 100

63 0.9 41.1 61.7#

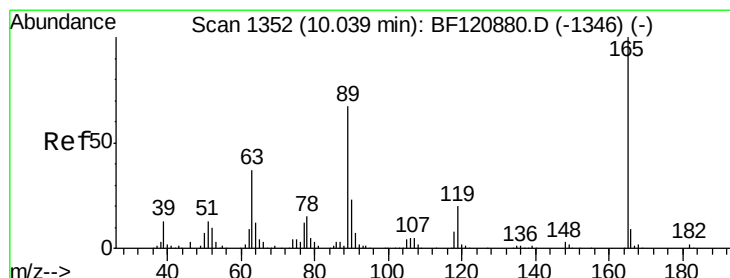
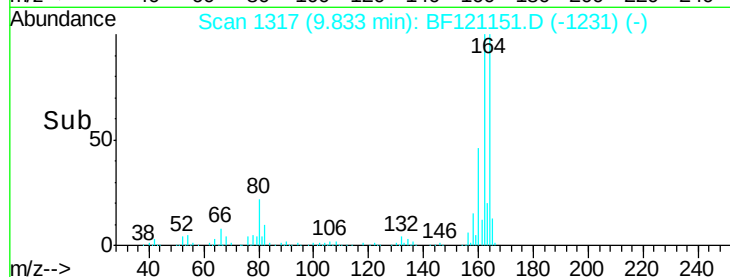
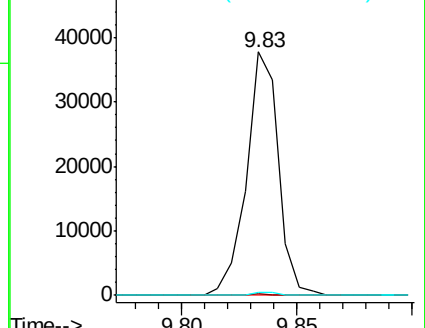
89 1.1 43.5 65.3#



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: 6.332 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.20 min

Lab File: BF121151.D

Acq: 31 Jul 2020 11:39

Tgt Ion:165 Resp: 36446

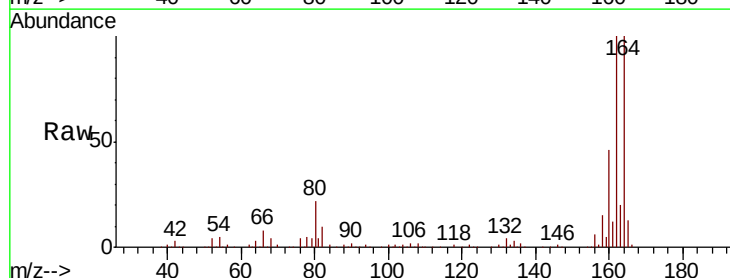
Ion Ratio Lower Upper

165 100

63 0.9 29.8 44.8#

89 1.1 50.3 75.5#

182 0.0 2.1 3.1#

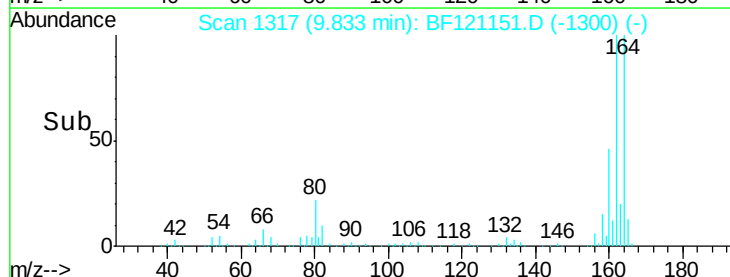
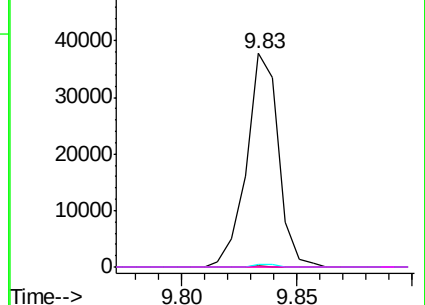


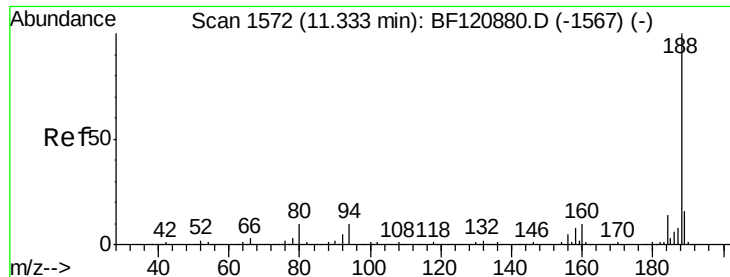
Abundance Ion 165.00 (164.70 to 165.70): E

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

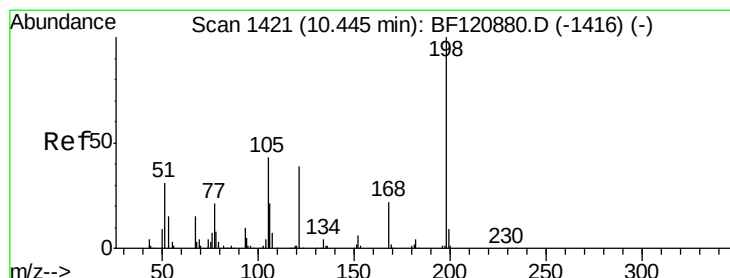
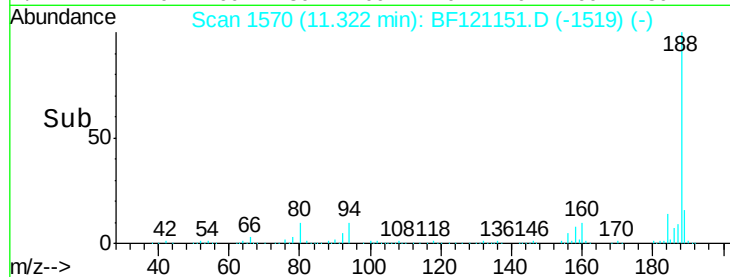
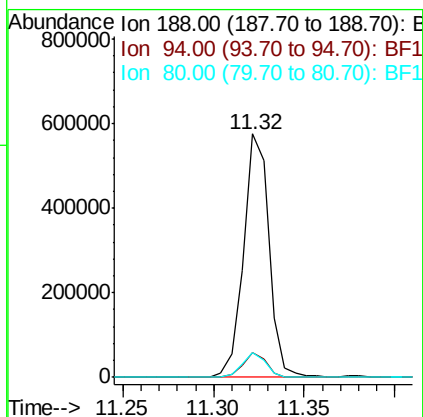
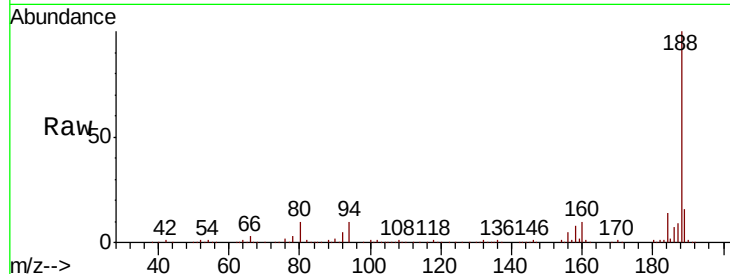




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121151.D
Acq: 31 Jul 2020 11:39

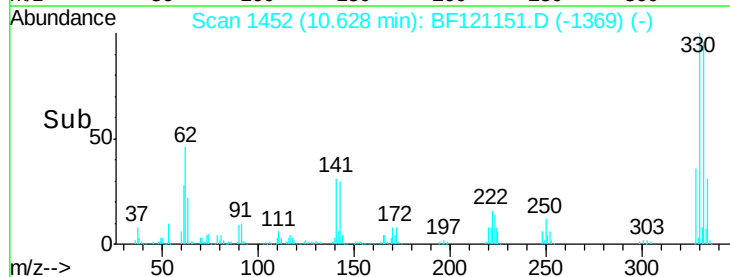
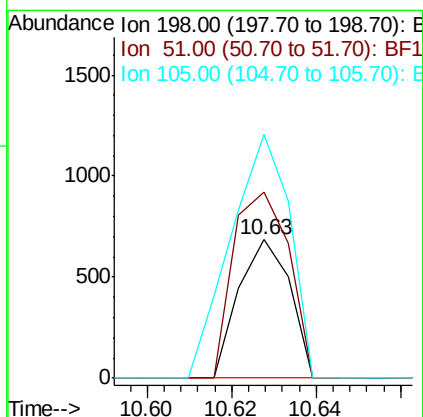
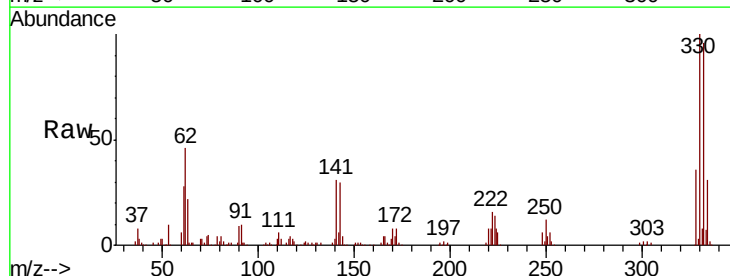
Instrument :
BNA_F
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PB130555TB

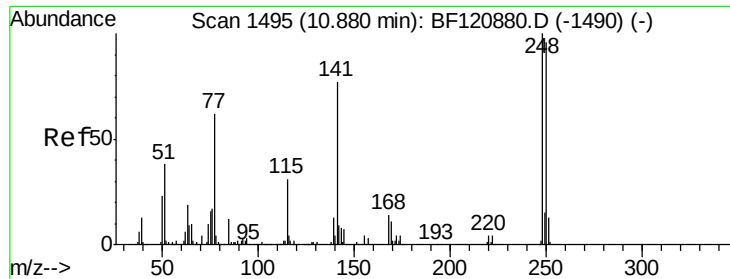
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.4	8.3	12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 4.005 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF121151.D
Acq: 31 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
198	100		
51	134.2	23.4	63.4#
105	175.9	23.7	63.7#

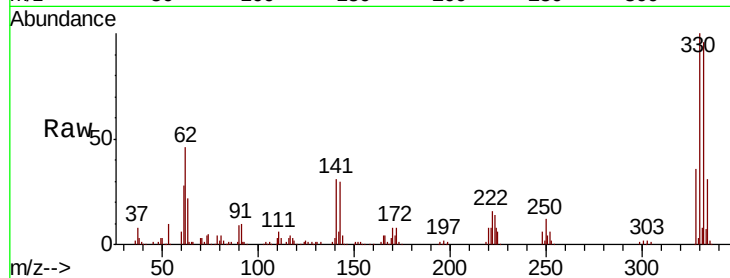




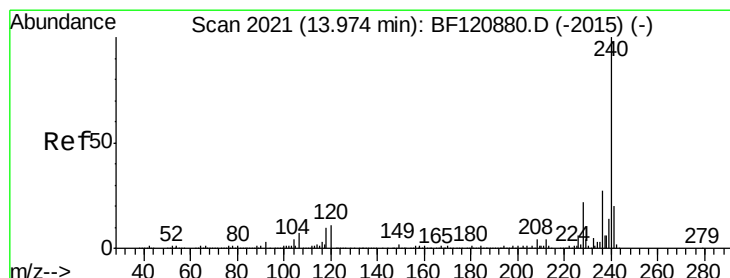
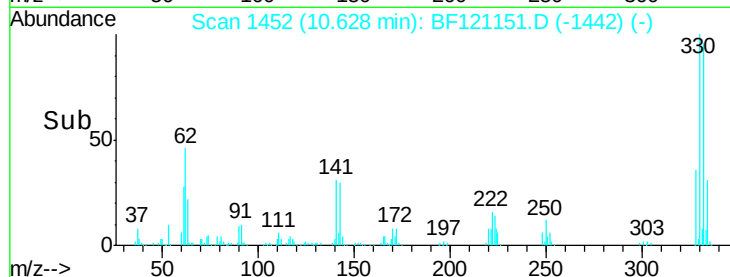
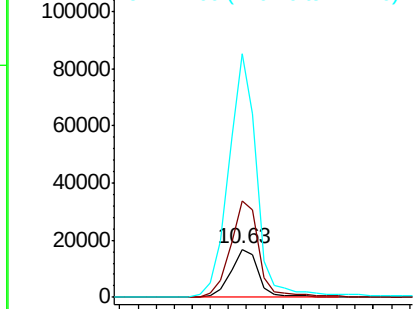
#67
 4-Bromophenyl-phenylether
 Concen: 2.876 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF121151.D
 Acq: 31 Jul 2020 11:39

Instrument :
 BNA_F
 ClientSampleID :
 PB130555TB

Tot Ion	Ratio	Lower	Upper
248	100		
250	201.5	77.0	115.6#
141	509.5	56.6	85.0#

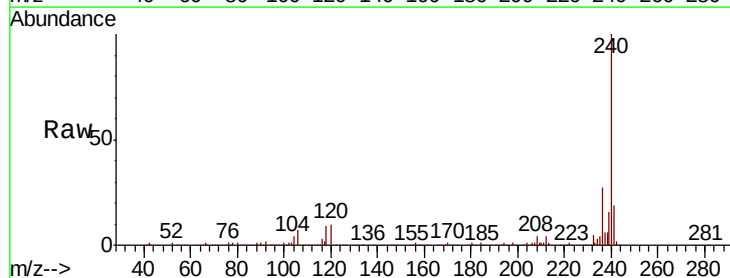


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

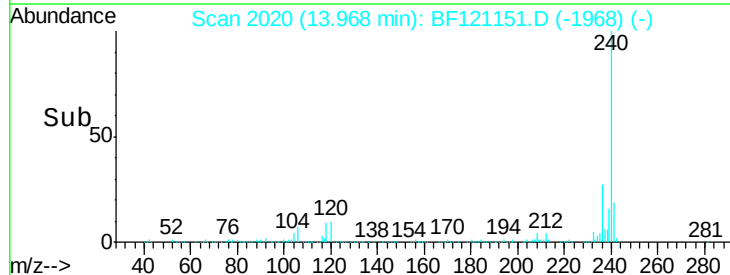
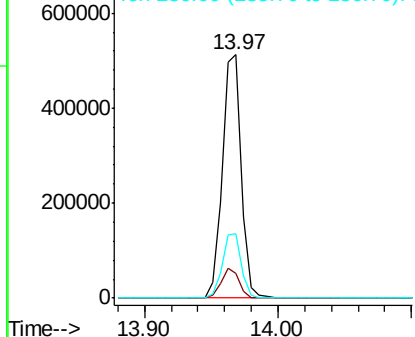


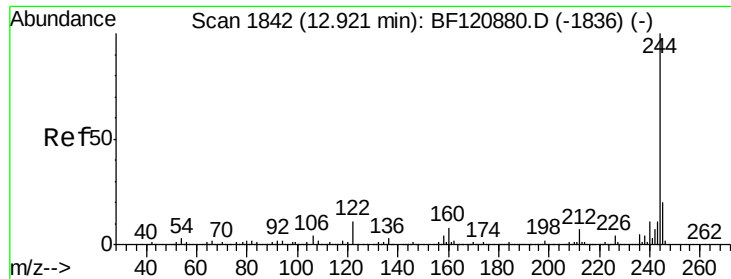
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF121151.D
 Acq: 31 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.3	13.9
236	26.7	21.1	31.7



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

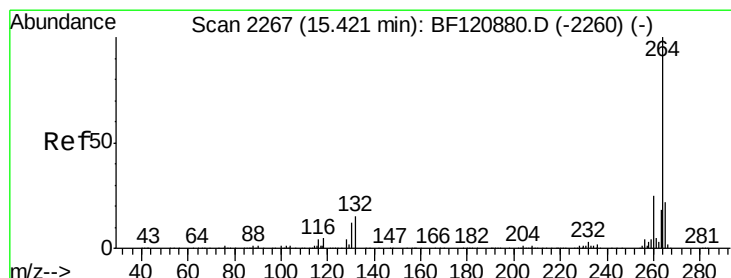
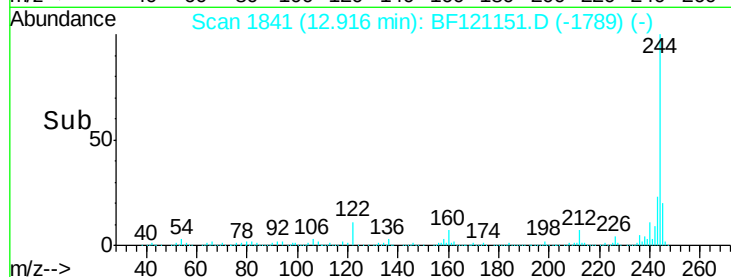
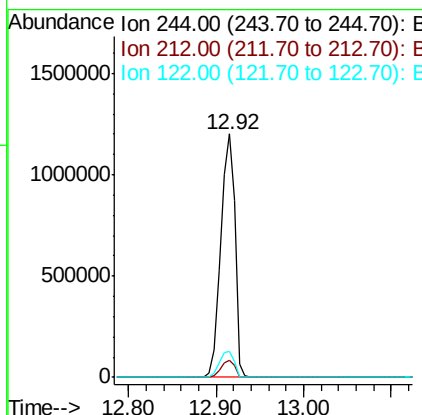
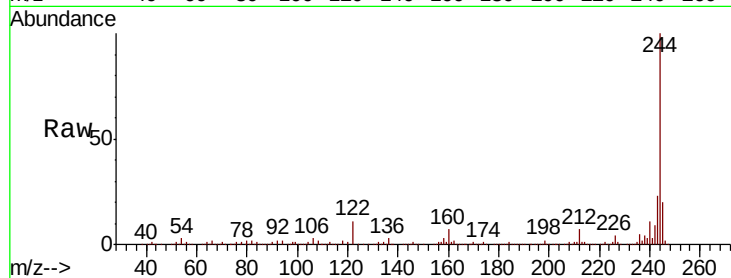




#79
 Terphenyl-d14
 Concen: 57.540 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF121151.D
 Acq: 31 Jul 2020 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB130555TB

Tot Ion:244 Resp: 1361007
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.02 min
 Lab File: BF121151.D
 Acq: 31 Jul 2020 11:39

Tgt Ion:264 Resp: 513488
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.9 29.9
 265 21.7 17.8 26.8

