

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081020\
 Data File : BF121235.D
 Acq On : 10 Aug 2020 13:43
 Operator : JU/CG
 Sample : L3594-06RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Aug 10 14:09:04 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

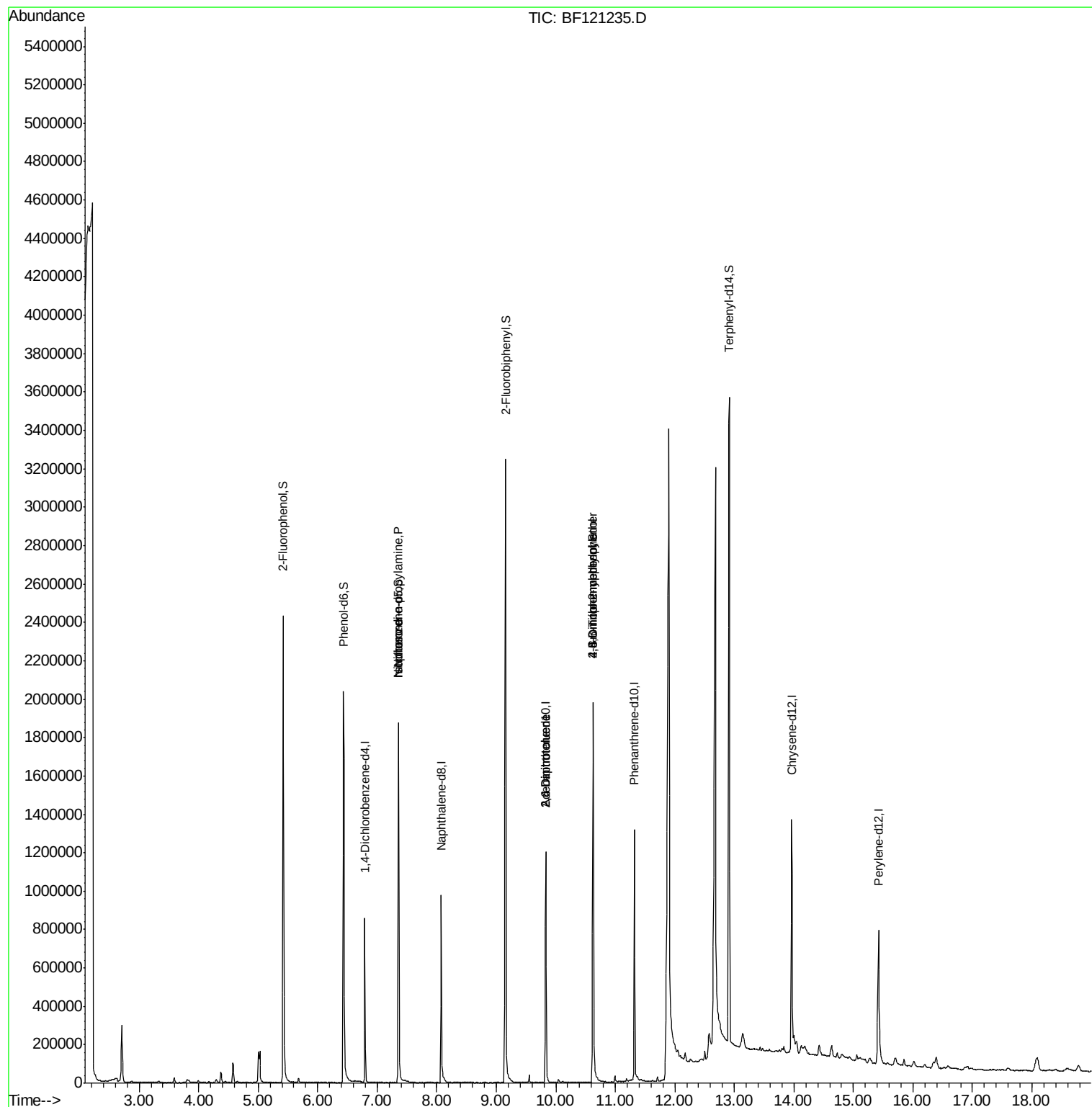
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128986	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	497202	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	256281	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	491817	20.00	ng	0.00
76) Chrysene-d12	13.96	240	437603	20.00	ng	0.00
86) Perylene-d12	15.42	264	416098	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	789230	100.31	ng	0.00
7) Phenol-d6	6.43	99	861329	84.75	ng	-0.01
23) Nitrobenzene-d5	7.36	82	695555	80.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	333539	118.90	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1262351	73.54	ng	0.00
79) Terphenyl-d14	12.92	244	1310356	65.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1103	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	91789	15.882 ng	#	79
25) Isophorone	7.36	82	691805	40.340 ng	#	62
51) 2,6-Dinitrotoluene	9.83	165	32563	8.198 ng	#	27
57) 2,4-Dinitrotoluene	9.83	165	32563	6.242 ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.63	198	587	4.032 ng	#	1
67) 4-Bromophenyl-phenylether	10.63	248	19517	3.559 ng	#	1

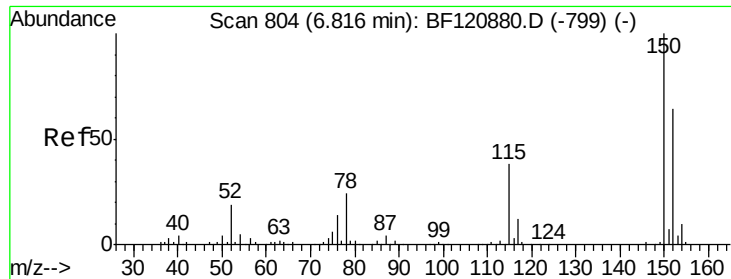
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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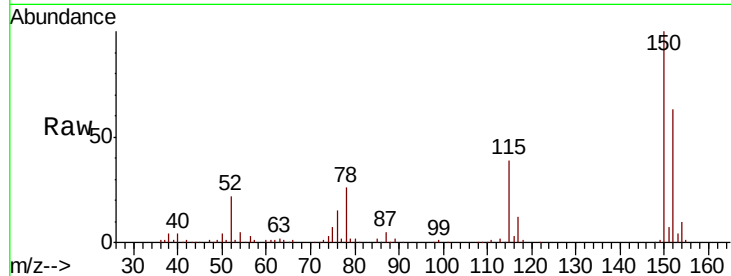


#1

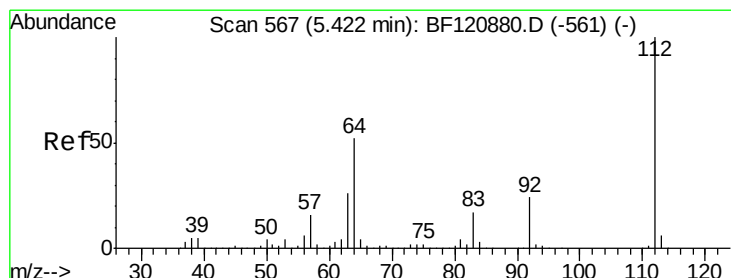
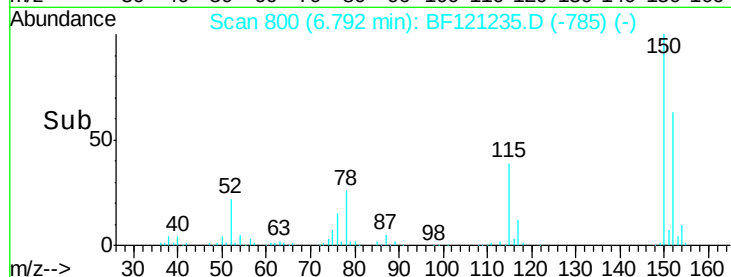
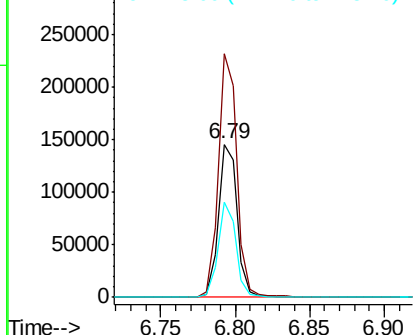
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121235.D
Acq: 10 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:152 Resp: 128986
Ion Ratio Lower Upper
152 100
150 158.8 125.6 188.4
115 61.7 46.2 69.2



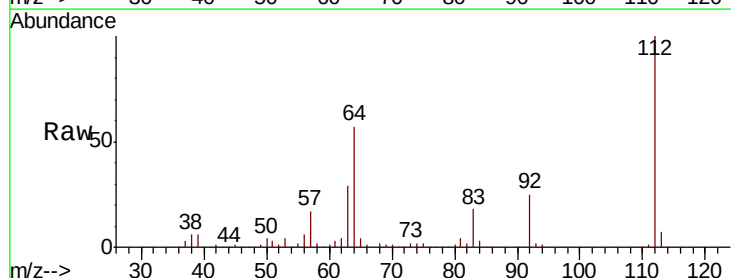
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



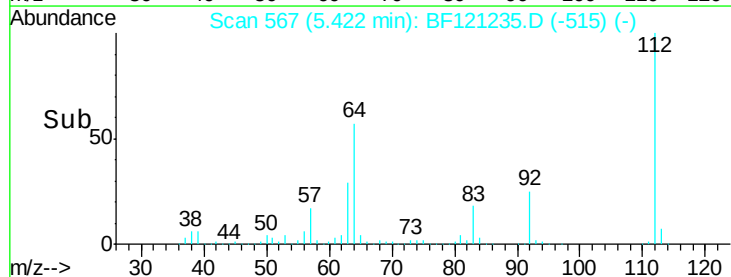
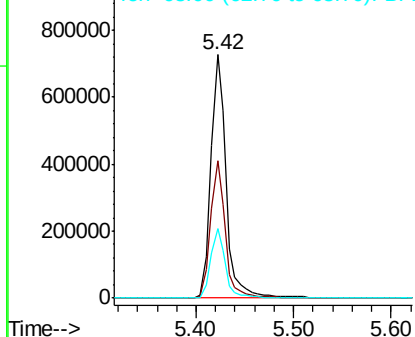
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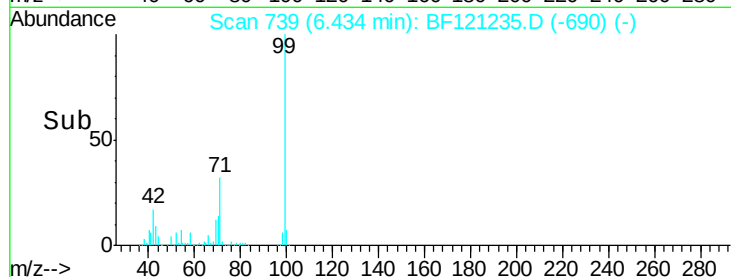
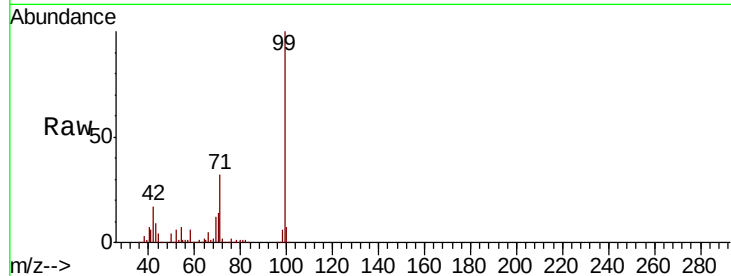
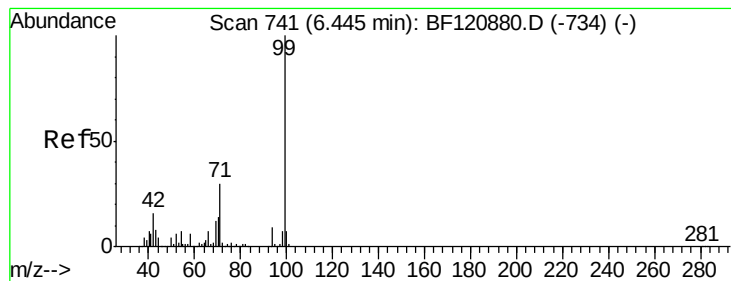
2-Fluorophenol
Concen: 100.308 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121235.D
Acq: 10 Aug 2020 13:43

Tgt Ion:112 Resp: 789230
Ion Ratio Lower Upper
112 100
64 56.6 43.9 65.9
63 28.6 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: 84.747 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121235.D

Acq: 10 Aug 2020 13:43

Instrument :

BNA_F

ClientSampleId :

TP-2

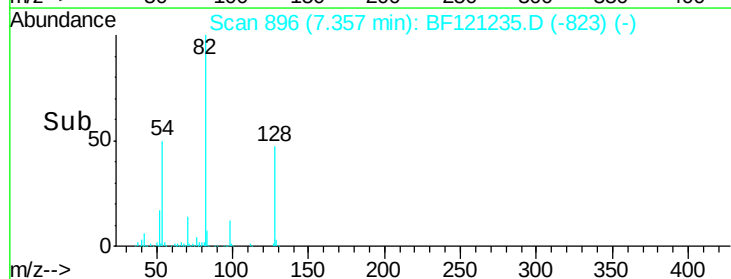
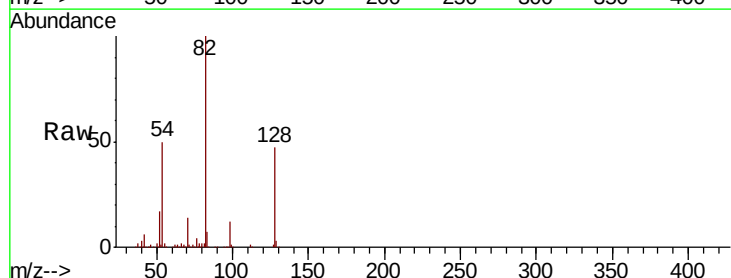
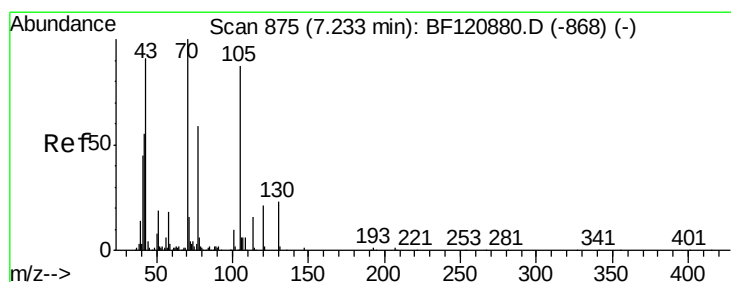
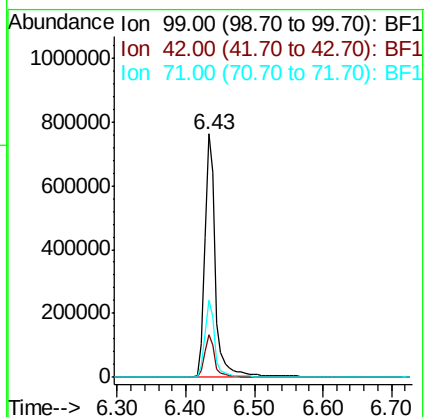
Tot Ion: 99 Resp: 861329

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 31.7 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.882 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121235.D

Acq: 10 Aug 2020 13:43

Tgt Ion: 70 Resp: 91789

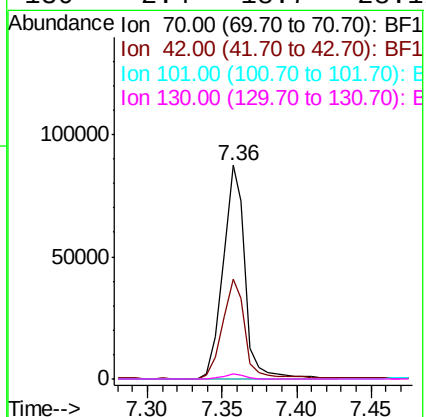
Ion Ratio Lower Upper

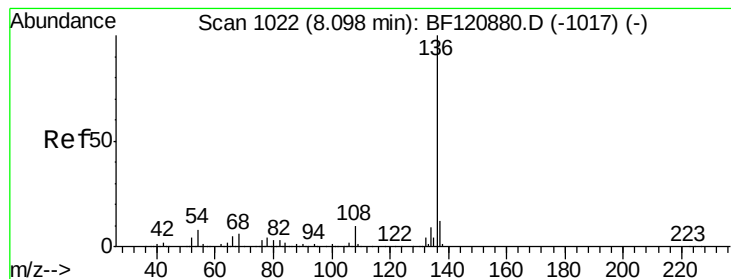
70 100

42 47.0 43.3 64.9

101 0.0 8.4 12.6#

130 2.4 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121235.D

Acq: 10 Aug 2020 13:43

Instrument :

BNA_F

ClientSampleId :

TP-2

Tot Ion:136 Resp: 497202

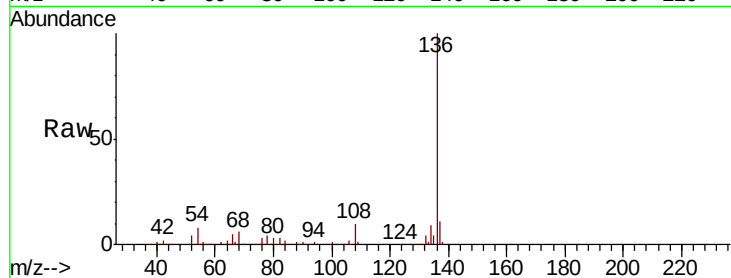
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.7 6.1 9.1

68 6.5 5.0 7.6

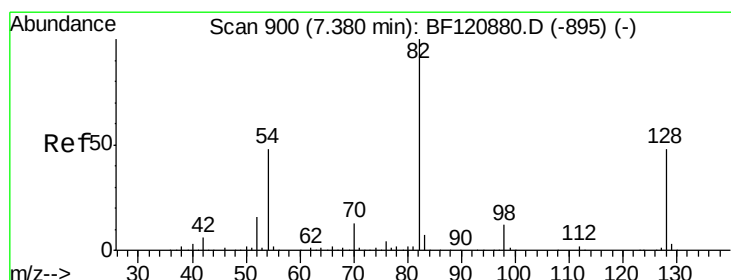
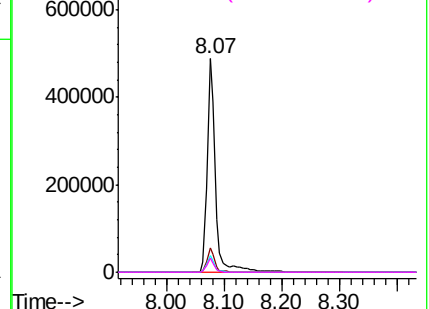
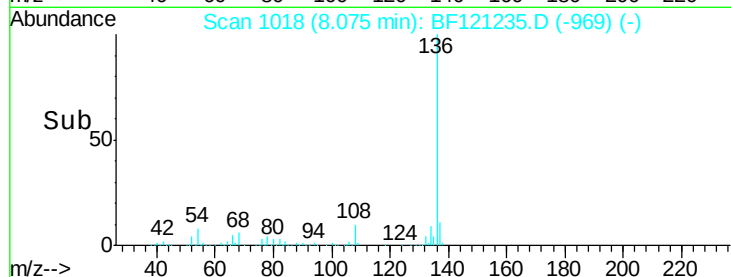


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.947 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121235.D

Acq: 10 Aug 2020 13:43

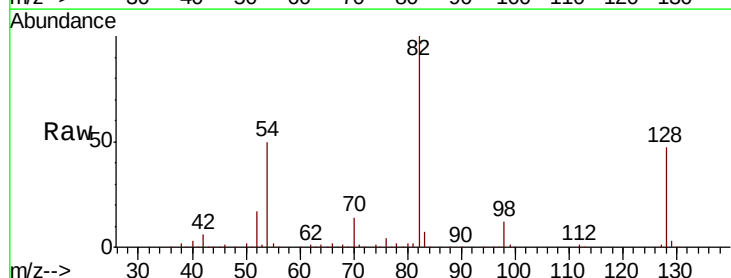
Tgt Ion: 82 Resp: 695555

Ion Ratio Lower Upper

82 100

128 46.8 39.2 58.8

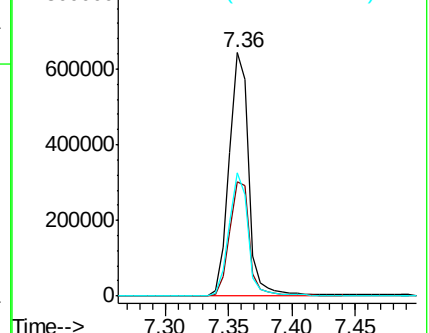
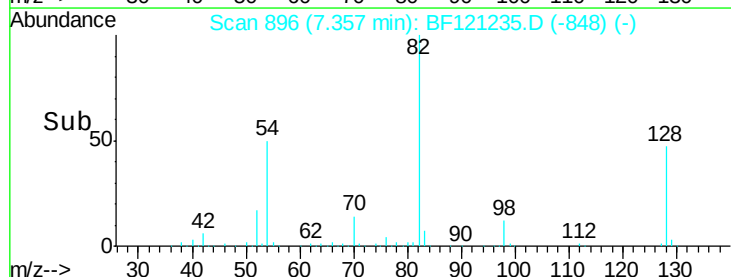
54 50.5 37.8 56.8

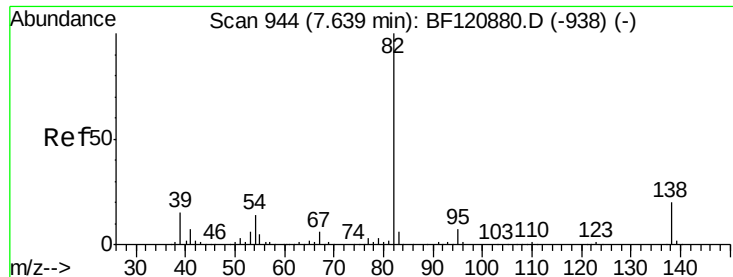


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

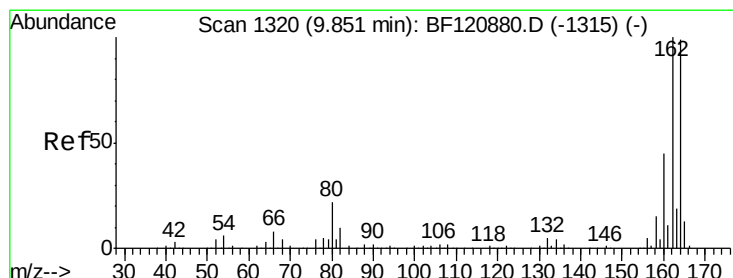
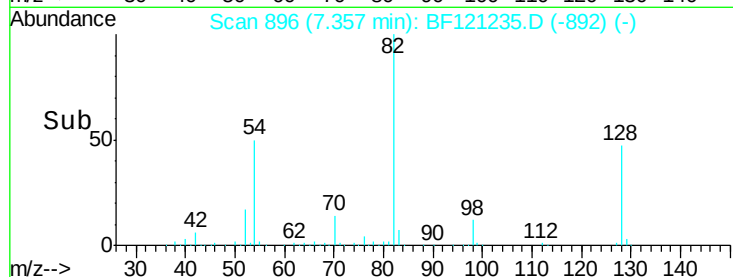
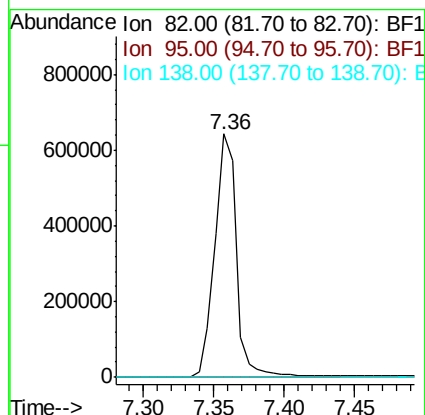
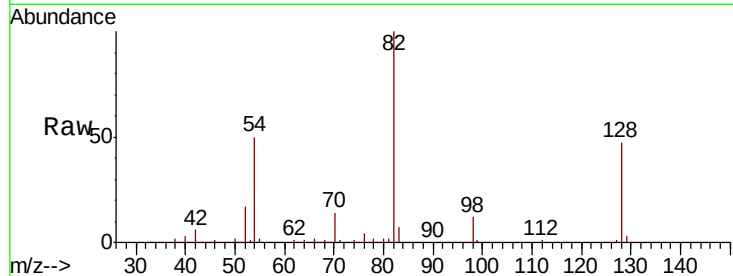




#25
Isophorone
Concen: 40.340 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121235.D
Acq: 10 Aug 2020 13:43

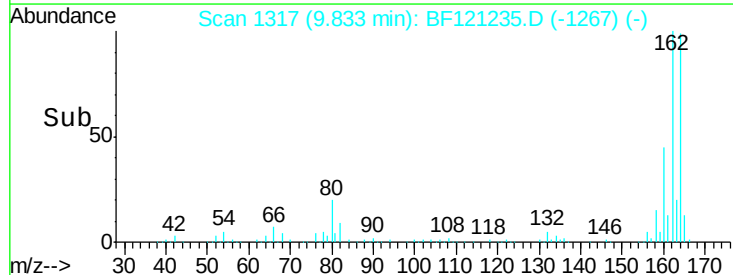
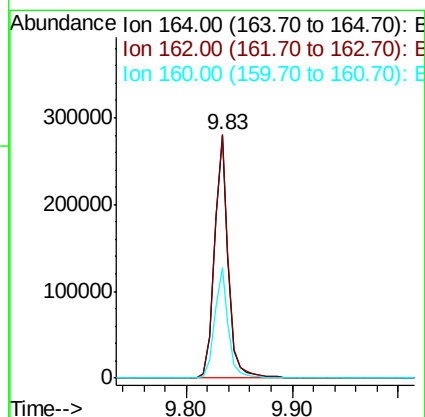
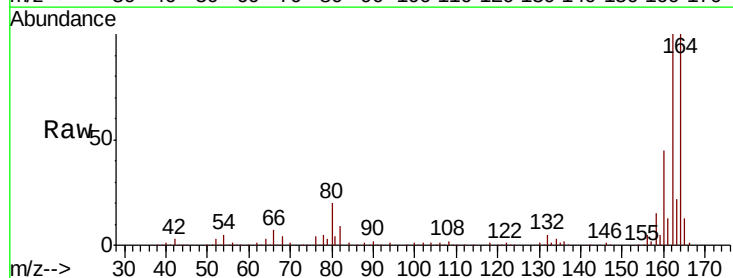
Instrument :
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ClientSampleId :
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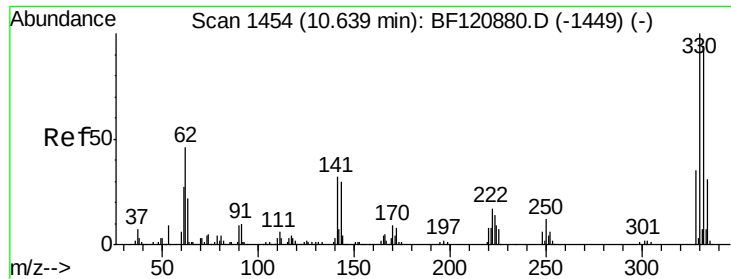
Tot Ion: 82 Resp: 691805
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 16.2 24.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121235.D
Acq: 10 Aug 2020 13:43

Tgt Ion: 164 Resp: 256281
Ion Ratio Lower Upper
164 100
162 100.4 82.2 123.2
160 45.5 37.2 55.8

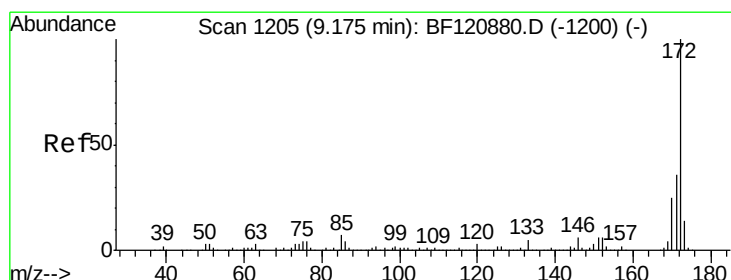
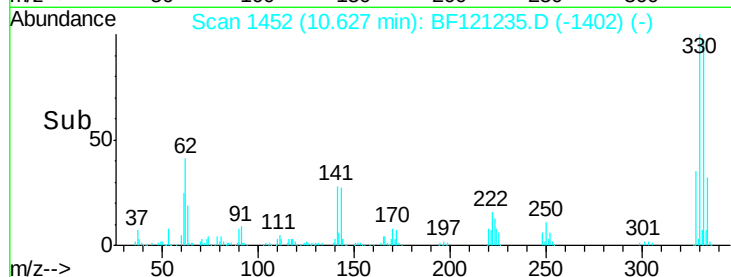
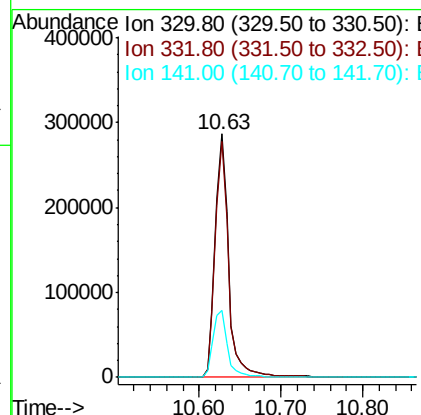
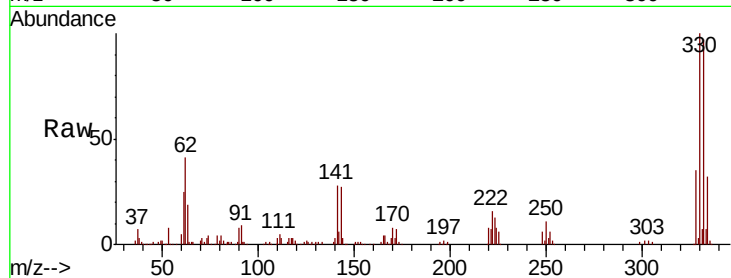




#42
 2,4,6-Tribromophenol
 Concen: 118.898 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121235.D
 Acq: 10 Aug 2020 13:43

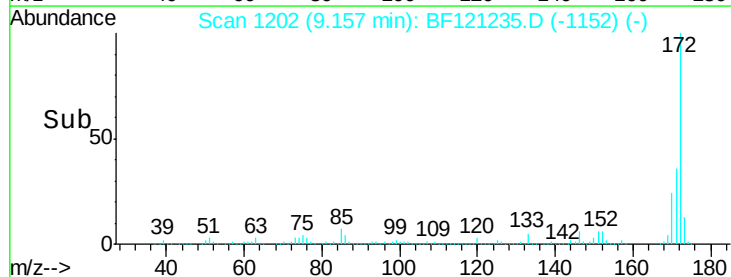
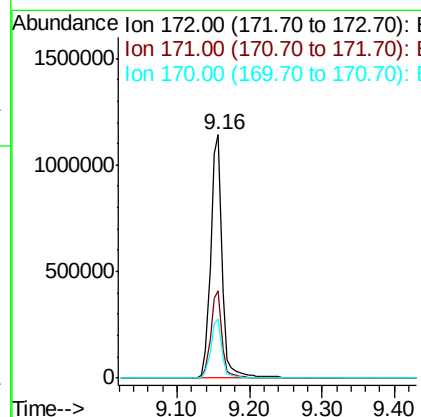
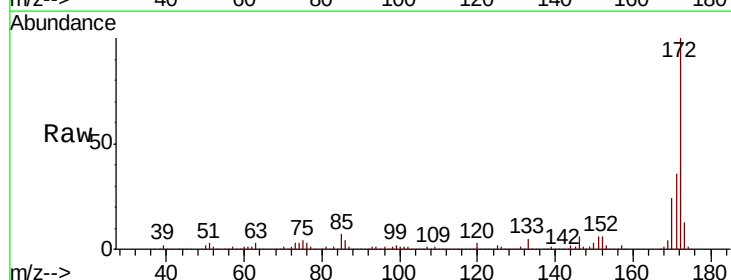
Instrument :
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 ClientSampleId :
 TP-2

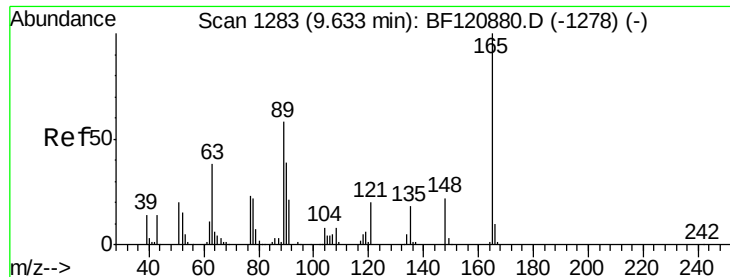
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	29.9	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 73.542 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121235.D
 Acq: 10 Aug 2020 13:43

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

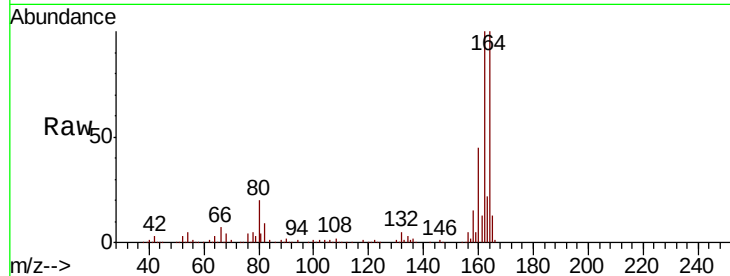




#51
 2,6-Dinitrotoluene
 Concen: 8.198 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.21 min
 Lab File: BF121235.D
 Acq: 10 Aug 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

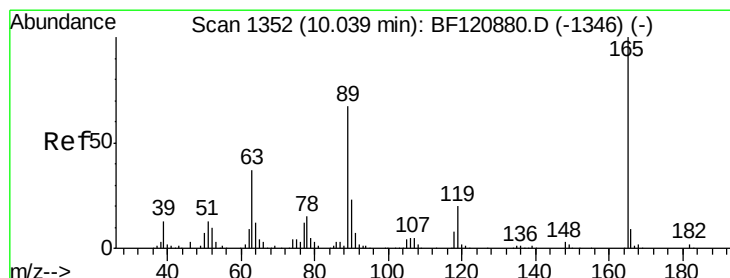
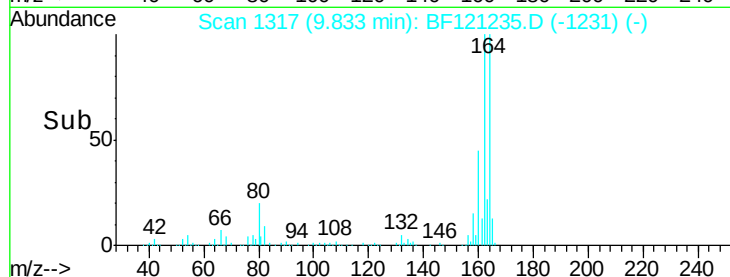
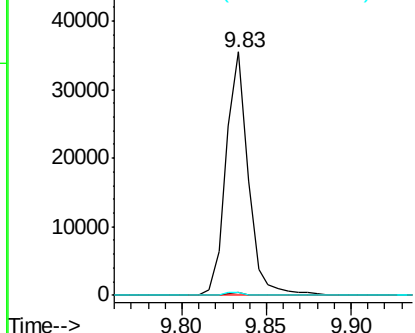
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.1	61.7#
89	1.4	43.5	65.3#



Abundance Ion 165.00 (164.70 to 165.70): E

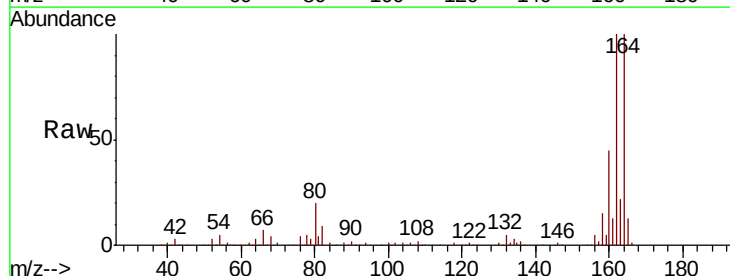
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 6.242 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.20 min
 Lab File: BF121235.D
 Acq: 10 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.8	44.8#
89	1.4	50.3	75.5#
182	0.0	2.1	3.1#

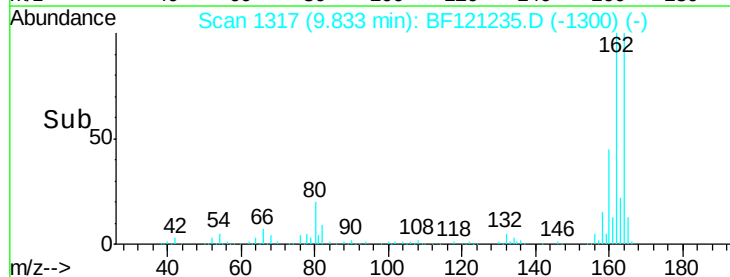
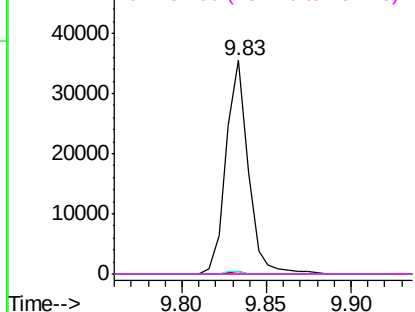


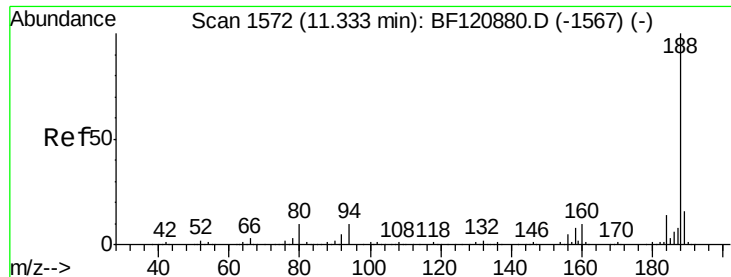
Abundance Ion 165.00 (164.70 to 165.70): E

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

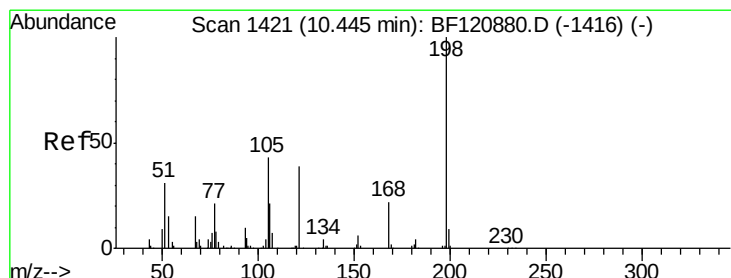
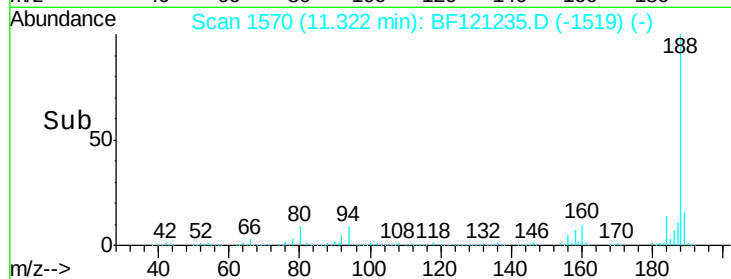
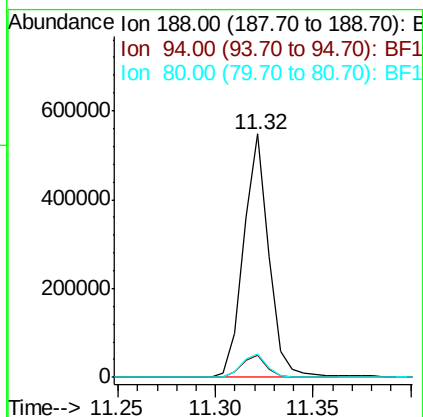
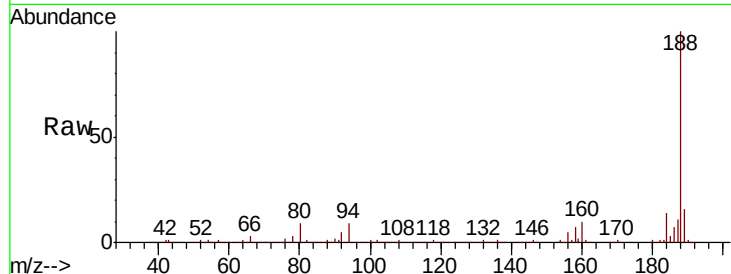




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121235.D
Acq: 10 Aug 2020 13:43

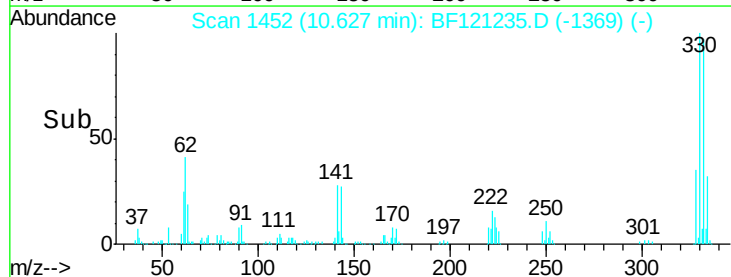
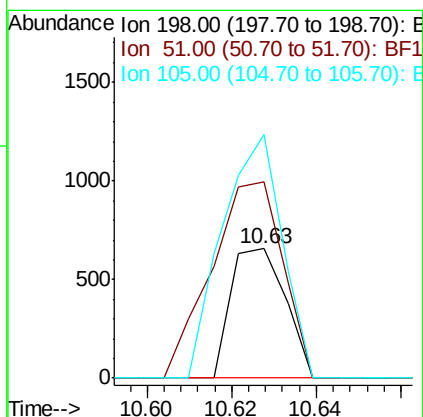
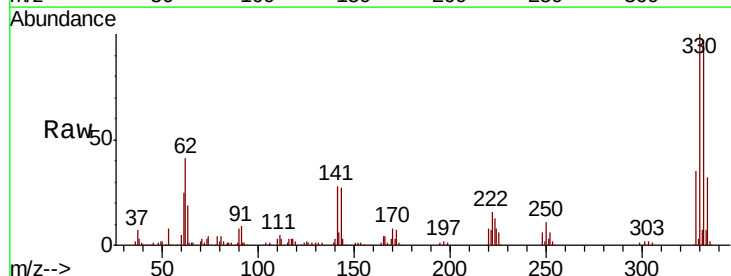
Instrument :
BNA_F
ClientSampleId :
TP-2

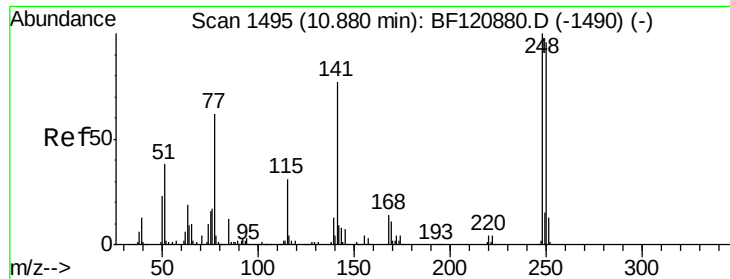
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	9.5	8.3	12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 4.032 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF121235.D
Acq: 10 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
198	100		
51	151.8	23.4	63.4#
105	188.5	23.7	63.7#

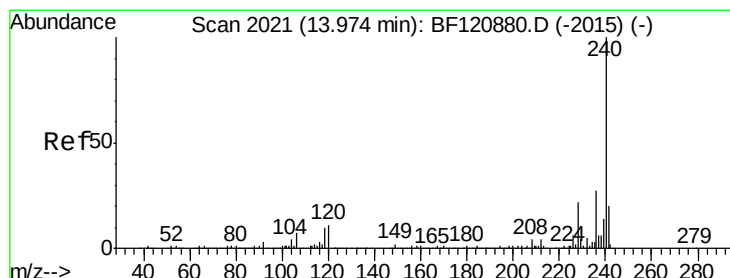
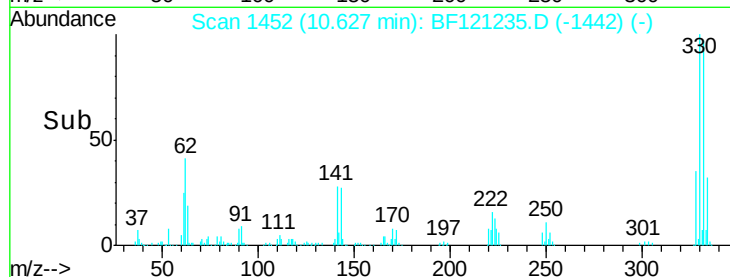
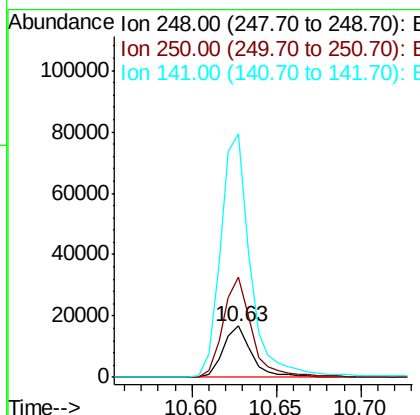
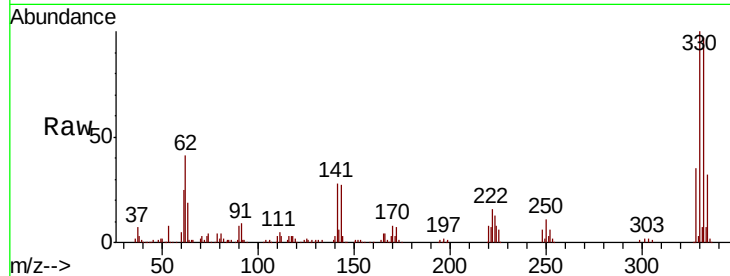




#67
4-Bromophenyl-phenylether
Concen: 3.559 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121235.D
Acq: 10 Aug 2020 13:43

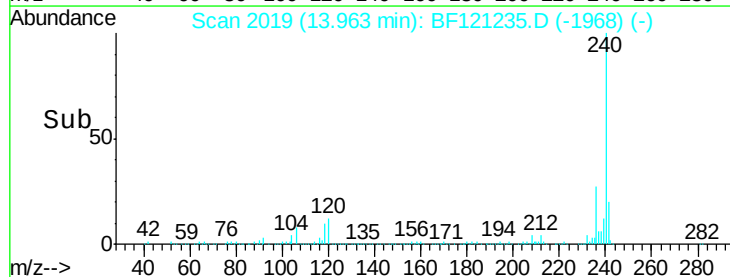
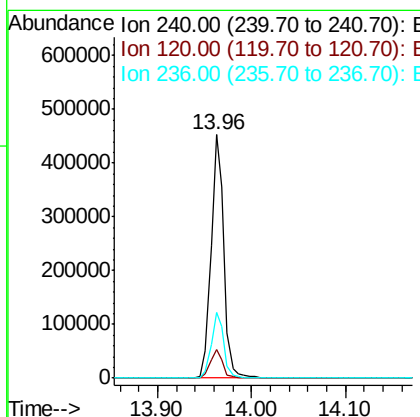
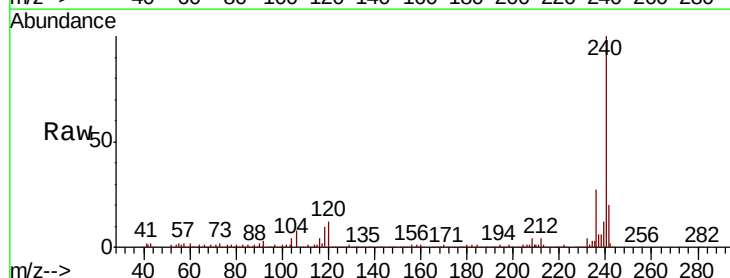
Instrument :
BNA_F
ClientSampled :
TP-2

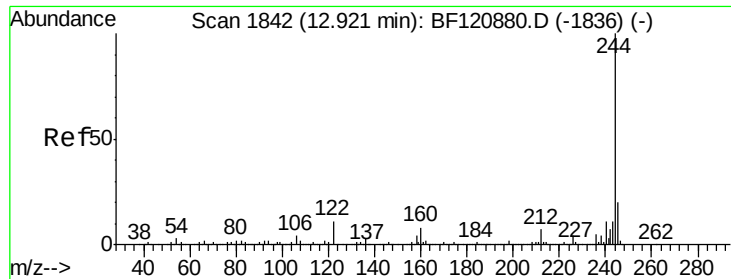
Tot Ion:248 Resp: 19517
Ion Ratio Lower Upper
248 100
250 193.4 77.0 115.6#
141 472.7 56.6 85.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121235.D
Acq: 10 Aug 2020 13:43

Tgt Ion:240 Resp: 437603
Ion Ratio Lower Upper
240 100
120 12.0 9.3 13.9
236 26.8 21.1 31.7

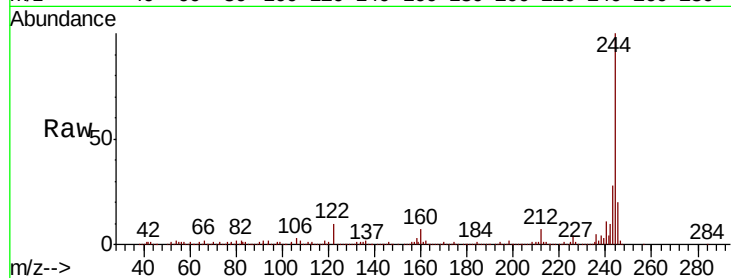




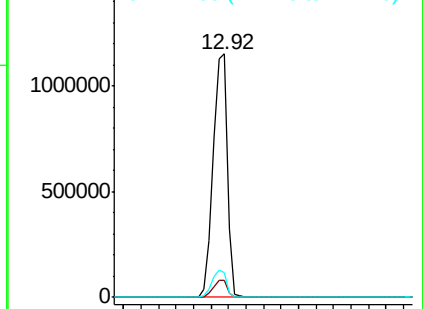
#79
 Terphenyl-d14
 Concen: 65.092 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF121235.D
 Acq: 10 Aug 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

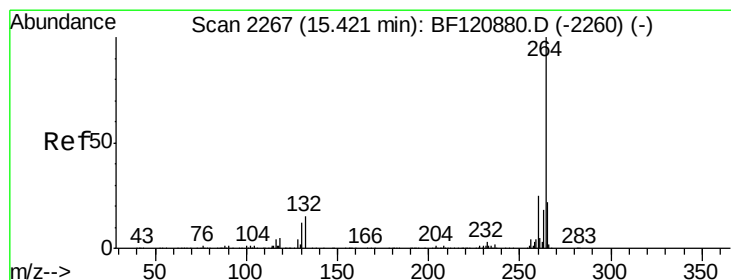
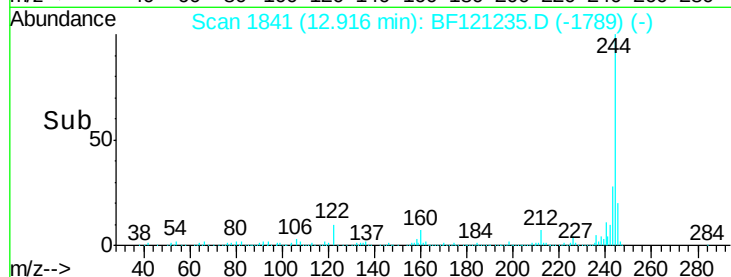
Tot Ion:244 Resp: 1310356
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.2 8.3 12.5



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

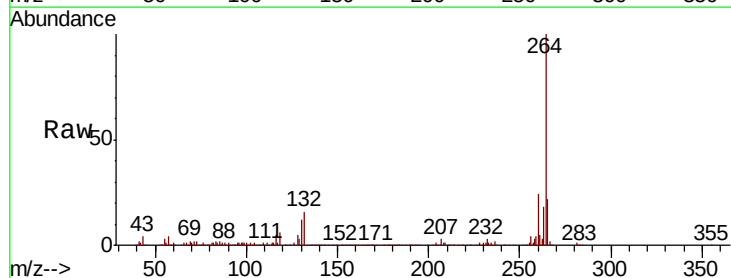


Time--> 12.80 12.90 13.00 13.10

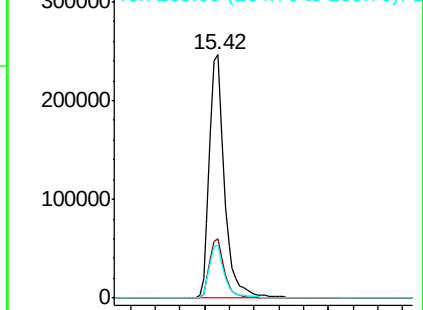


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.02 min
 Lab File: BF121235.D
 Acq: 10 Aug 2020 13:43

Tgt Ion:264 Resp: 416098
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 21.8 17.8 26.8



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



Time--> 15.40 15.60

