

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121660.D
 Acq On : 23 Sep 2020 1:31
 Operator : JU/CG
 Sample : L3872-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-092120

Quant Time: Sep 23 05:29:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

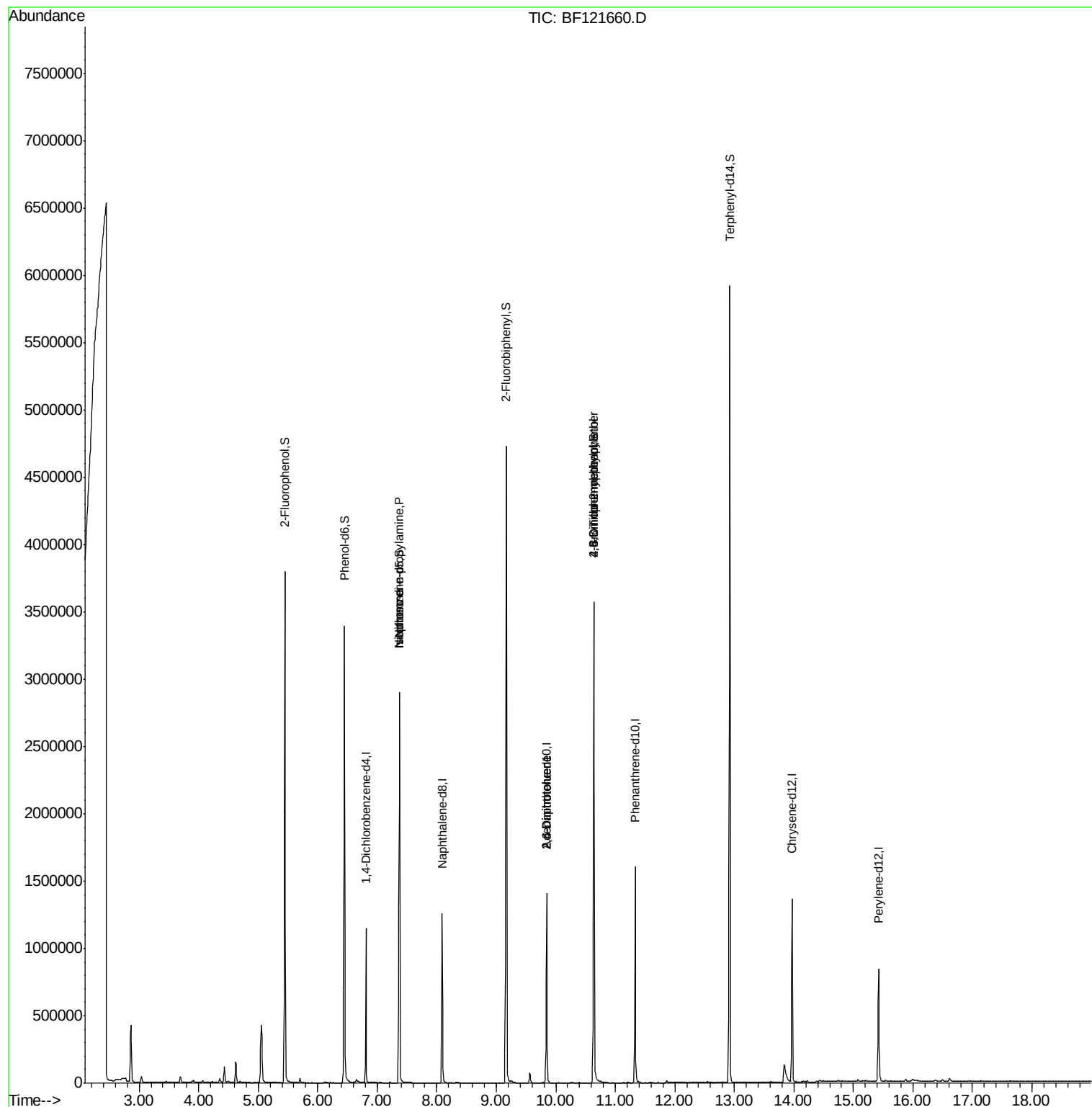
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149632	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	585568	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	312033	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	598683	20.00	ng	0.00
76) Chrysene-d12	13.97	240	497493	20.00	ng	-0.01
86) Perylene-d12	15.42	264	369859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1099459	109.20	ng	0.02
7) Phenol-d6	6.45	99	1282135	97.06	ng	0.00
23) Nitrobenzene-d5	7.37	82	1100157	100.88	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	568142	146.50	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1914302	92.92	ng	0.00
79) Terphenyl-d14	12.93	244	2208819	89.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	148074	19.450	ng	# 80
25) Isophorone	7.37	82	1087114	49.518	ng	# 67
51) 2,6-Dinitrotoluene	9.85	165	39709	8.245	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	39709	6.553	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.64	198	1079	7.104	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	32998	4.841	ng	# 1

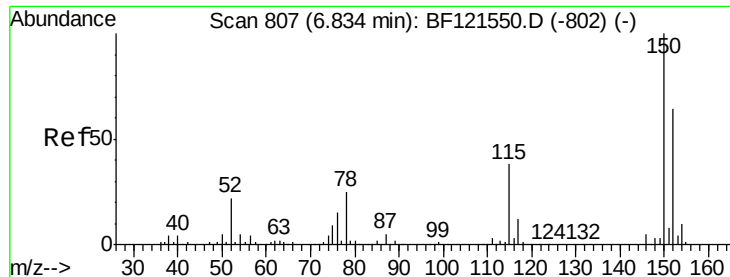
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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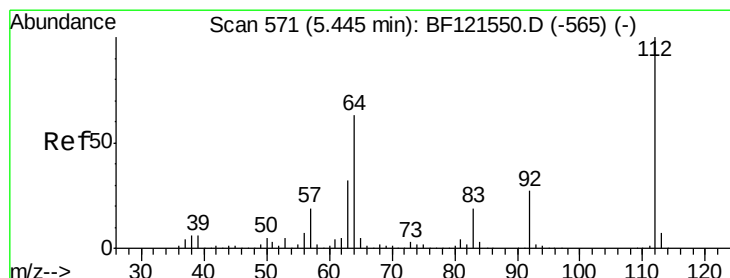
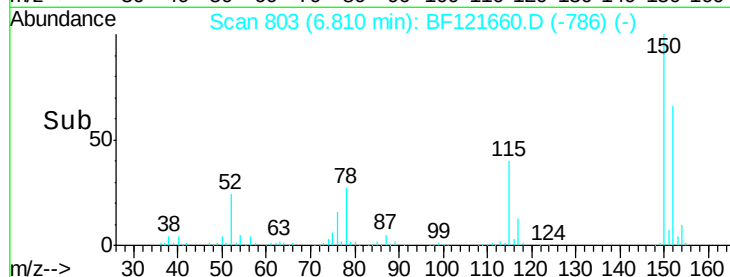
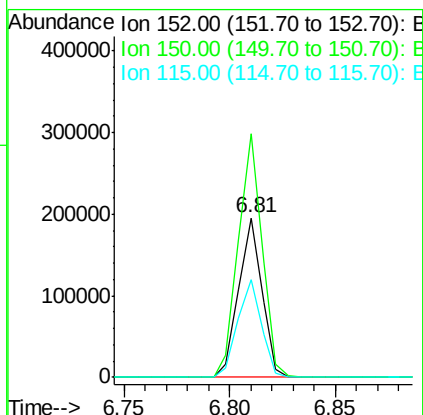
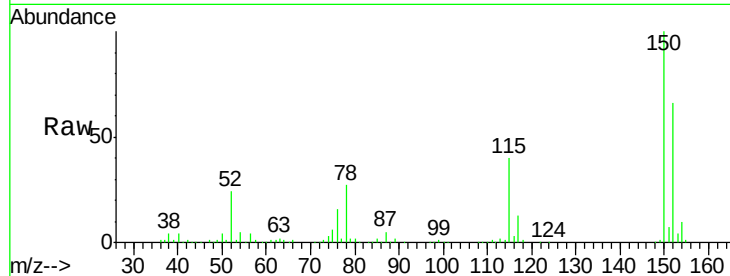


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121660.D
Acq: 23 Sep 2020 1:31

Instrument :
BNA_F
ClientSampleId :
BU-02-092120

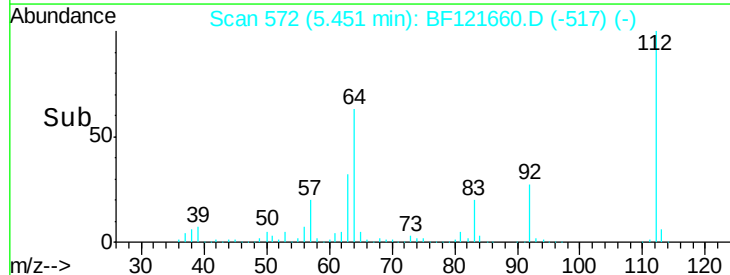
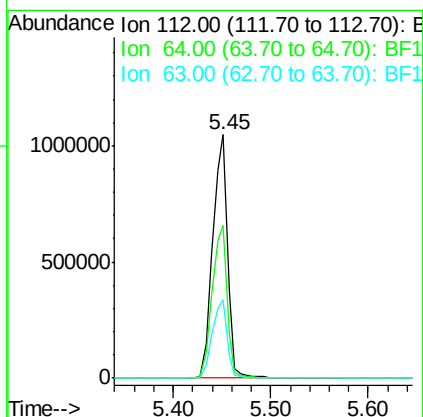
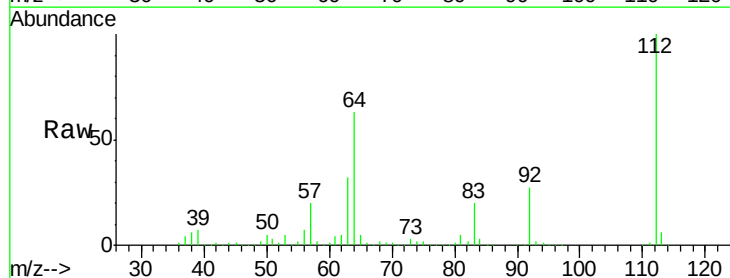
Tot Ion:152 Resp: 149632
Ion Ratio Lower Upper
152 100
150 152.6 128.1 192.1
115 61.3 52.6 79.0

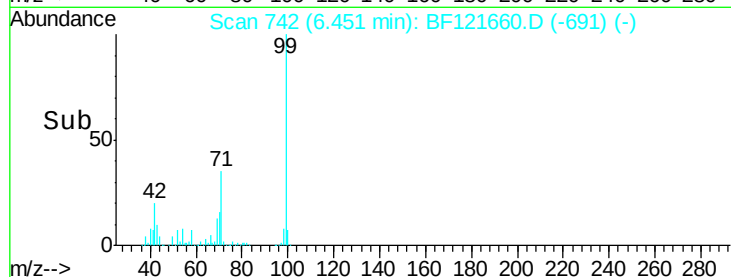
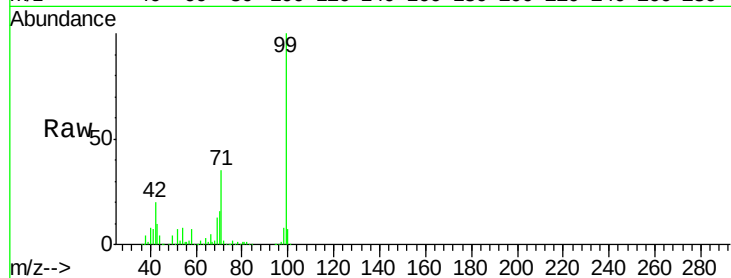
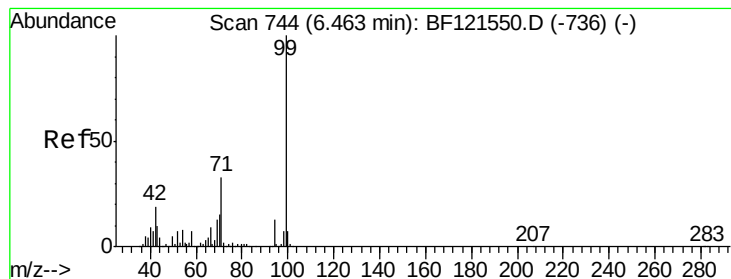


#5

2-Fluorophenol
Concen: 109.197 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.02 min
Lab File: BF121660.D
Acq: 23 Sep 2020 1:31

Tgt Ion:112 Resp: 1099459
Ion Ratio Lower Upper
112 100
64 62.5 52.2 78.2
63 32.5 26.6 39.8





#7

Phenol-d6

Concen: 97.062 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF121660.D

Acq: 23 Sep 2020 1:31

Instrument :

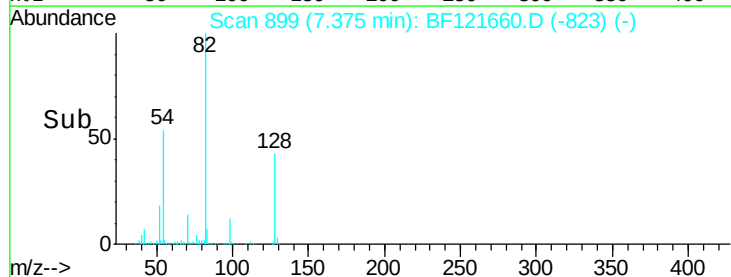
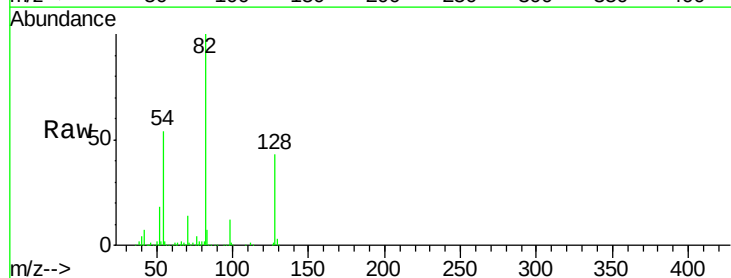
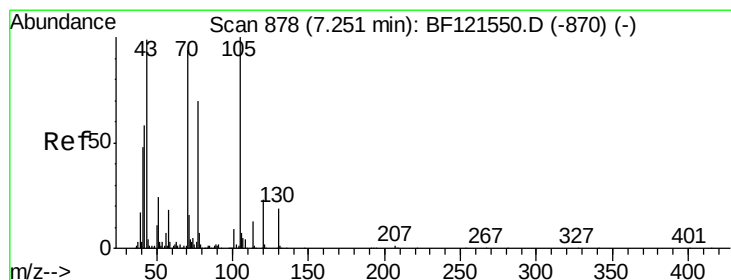
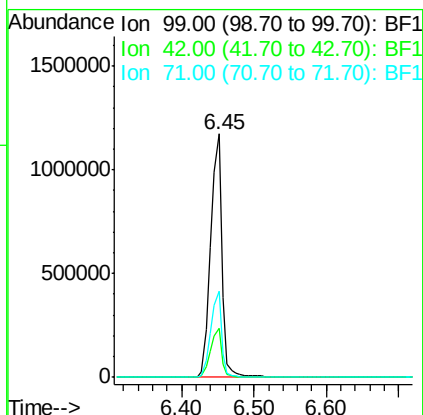
BNA_F

ClientSampleId :

BU-02-092120

Tot Ion: 99 Resp: 1282135

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.5	23.3
71	35.4	27.4	41.2



#19

n-Nitroso-di-n-propylamine

Concen: 19.450 ng

RT: 7.37 min Scan# 899

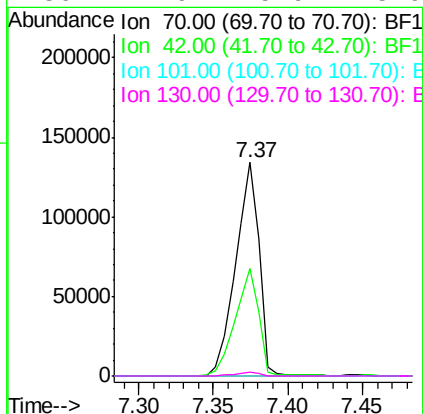
Delta R.T. 0.15 min

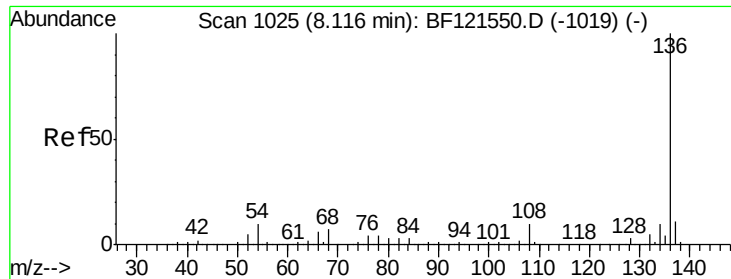
Lab File: BF121660.D

Acq: 23 Sep 2020 1:31

Tgt Ion: 70 Resp: 148074

Ion	Ratio	Lower	Upper
70	100		
42	50.6	48.3	72.5
101	0.0	7.6	11.4#
130	1.9	15.9	23.9#

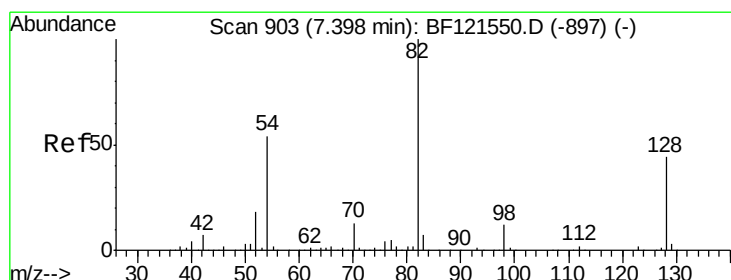
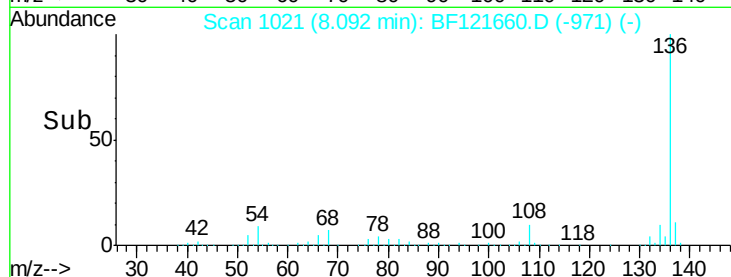
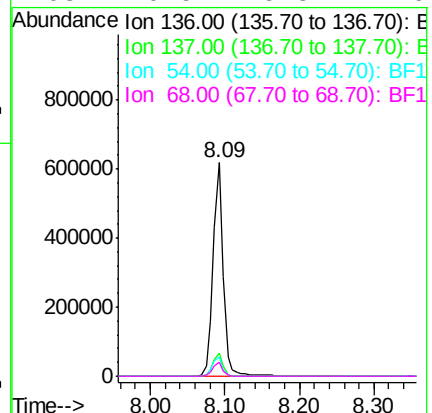
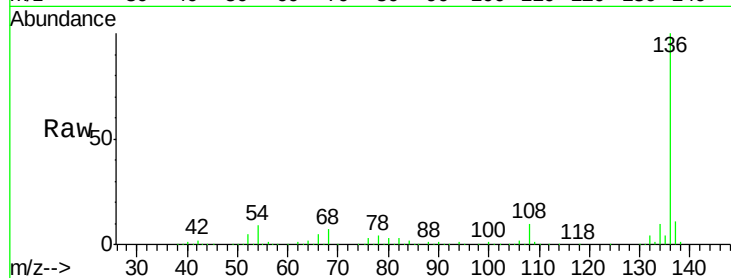




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121660.D
Acq: 23 Sep 2020 1:31

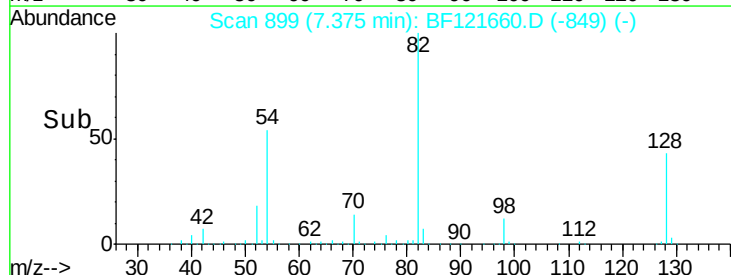
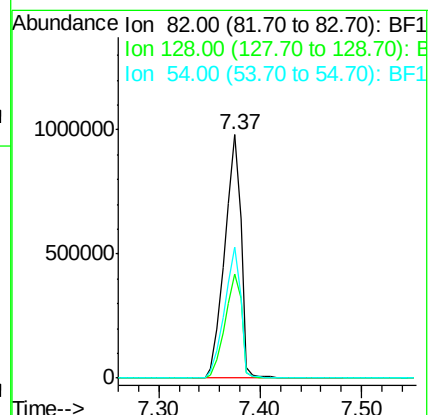
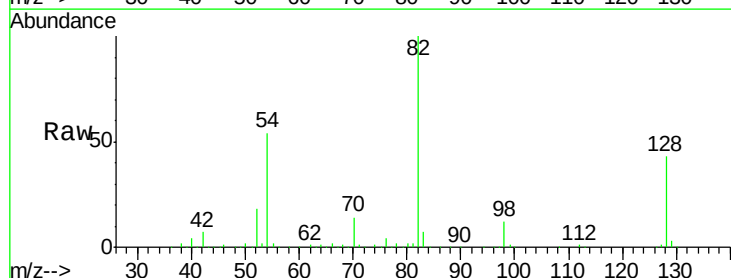
Instrument :
BNA_F
ClientSampleId :
BU-02-092120

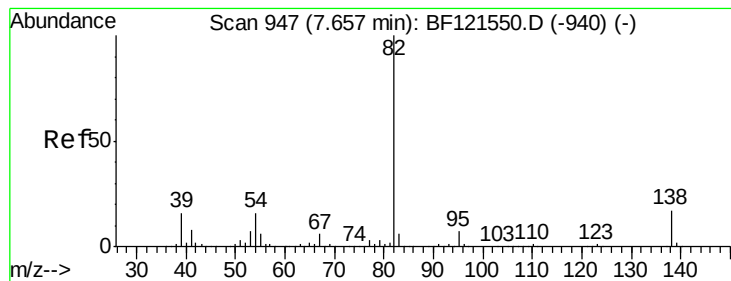
Tot Ion:	136	Resp:	585568
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	7.4	11.0
68	6.5	5.3	7.9



#23
Nitrobenzene-d5
Concen: 100.875 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121660.D
Acq: 23 Sep 2020 1:31

Tgt Ion:	82	Resp:	1100157
Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.9	50.9
54	54.0	42.9	64.3





#25

Isophorone

Concen: 49.518 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121660.D

Acq: 23 Sep 2020 1:31

Instrument :

BNA_F

ClientSampleId :

BU-02-092120

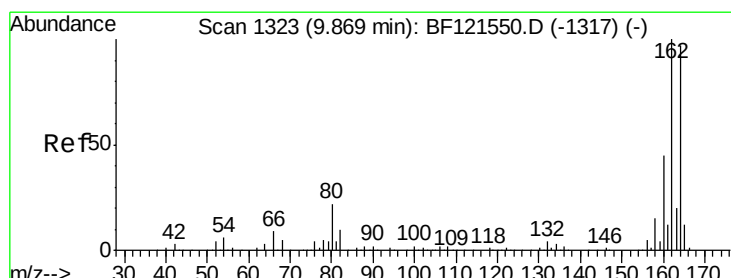
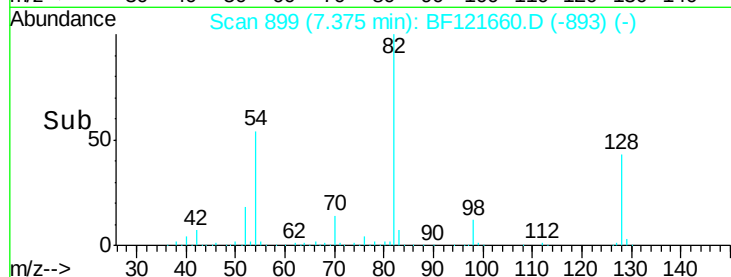
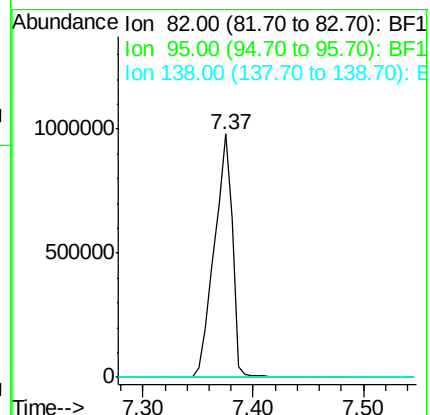
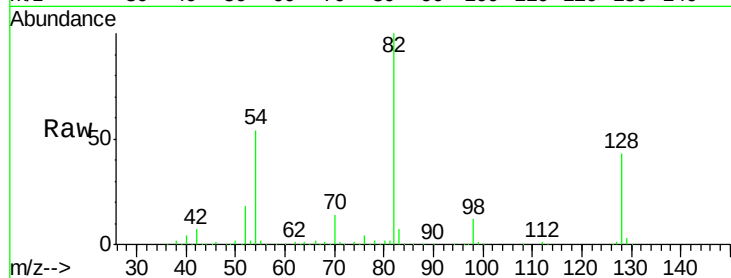
Tot Ion: 82 Resp: 1087114

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121660.D

Acq: 23 Sep 2020 1:31

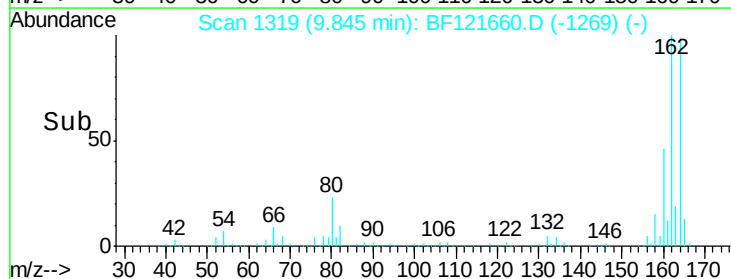
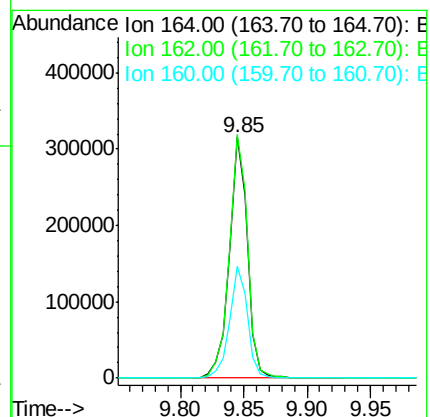
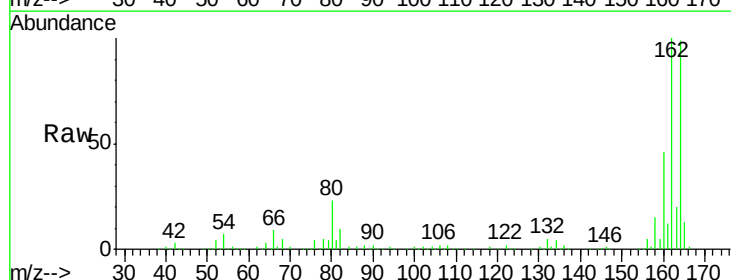
Tgt Ion: 164 Resp: 312033

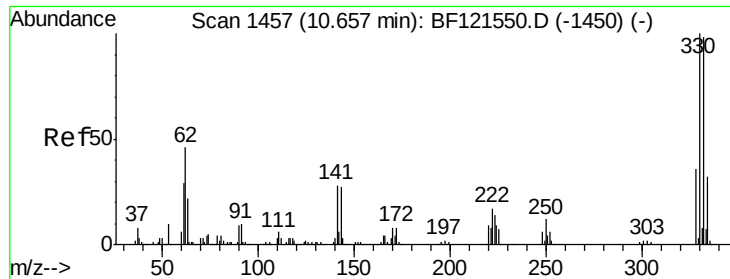
Ion Ratio Lower Upper

164 100

162 101.1 81.2 121.8

160 46.2 36.2 54.4

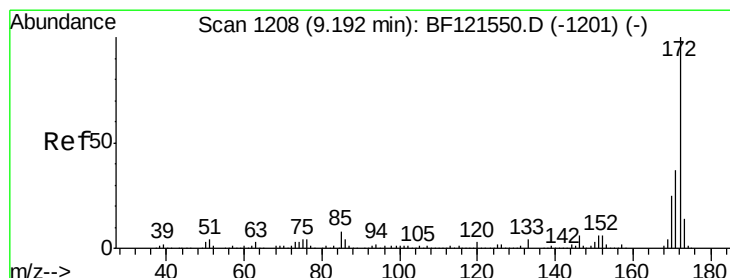
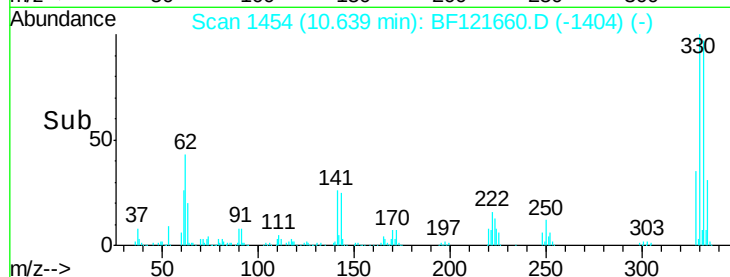
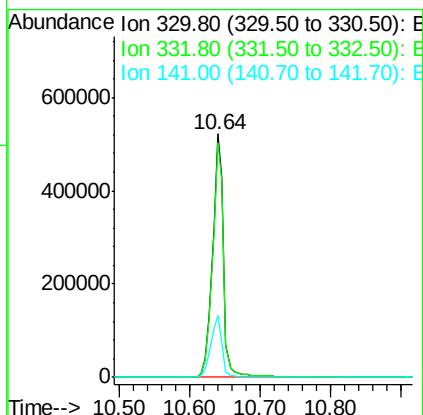
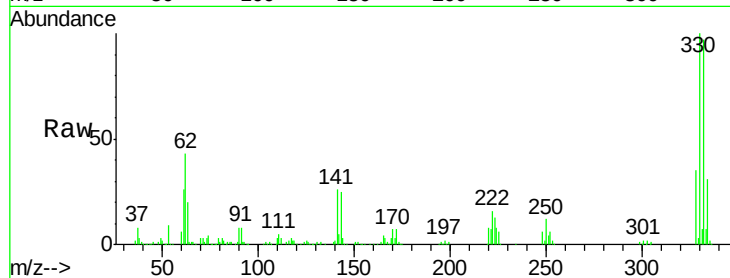




#42
 2,4,6-Tribromophenol
 Concen: 146.498 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121660.D
 Acq: 23 Sep 2020 1:31

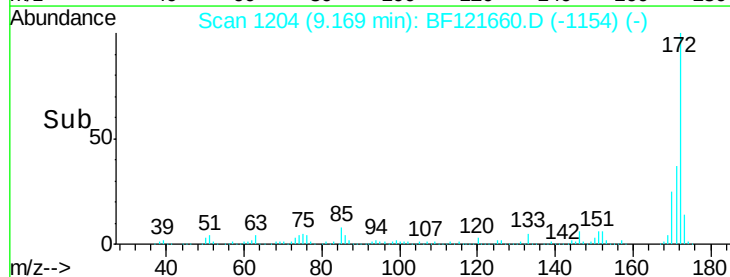
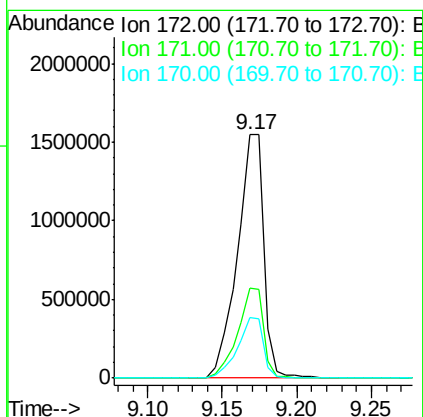
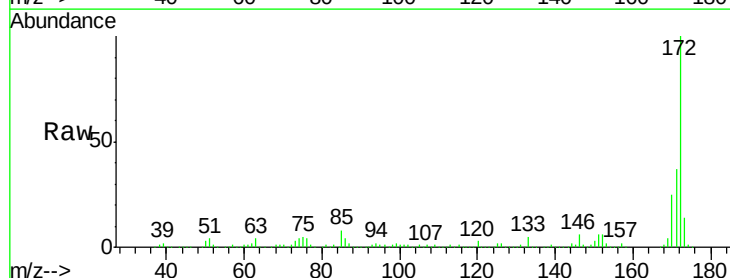
Instrument :
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 BU-02-092120

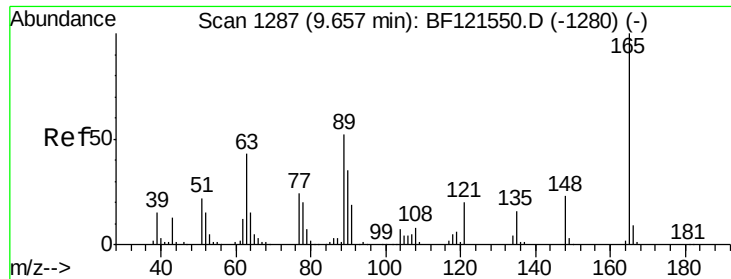
Tot Ion:330 Resp: 568142
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.9 115.3
 141 26.2 22.4 33.6



#45
 2-Fluorobiphenyl
 Concen: 92.915 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121660.D
 Acq: 23 Sep 2020 1:31

Tgt Ion:172 Resp: 1914302
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.3 43.9
 170 24.8 19.5 29.3

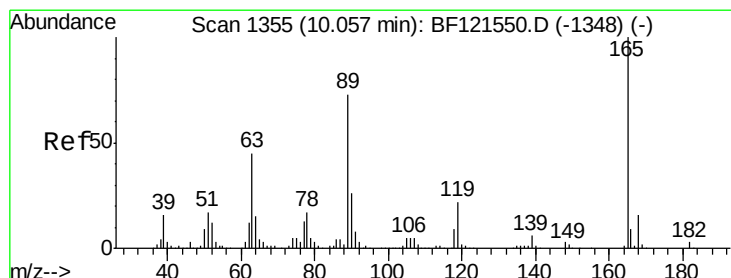
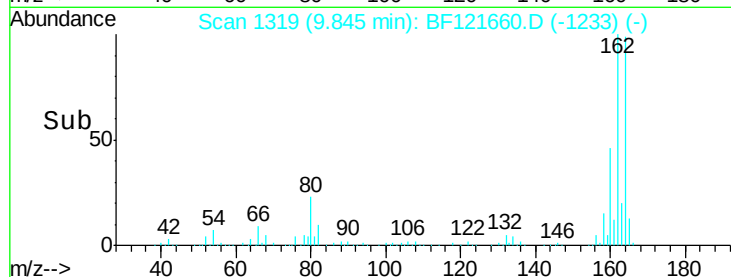
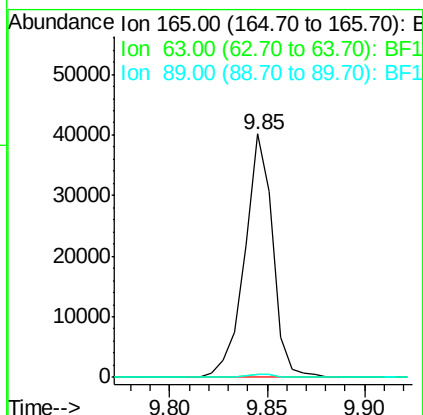
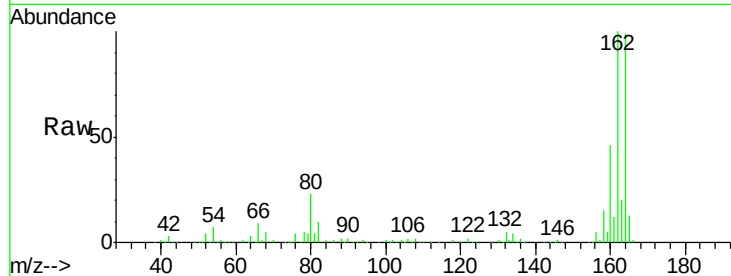




#51
 2,6-Dinitrotoluene
 Concen: 8.245 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF121660.D
 Acq: 23 Sep 2020 1:31

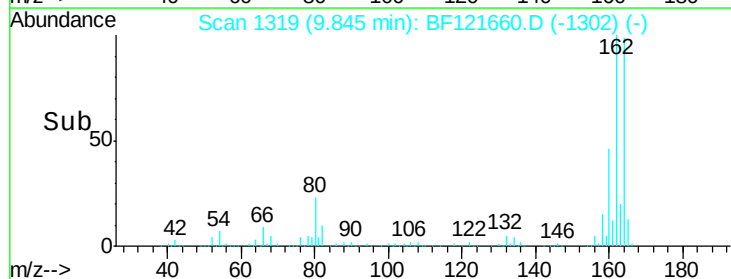
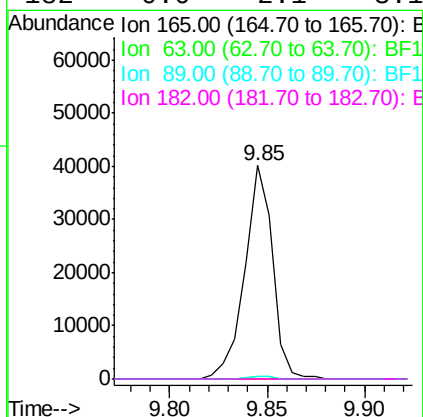
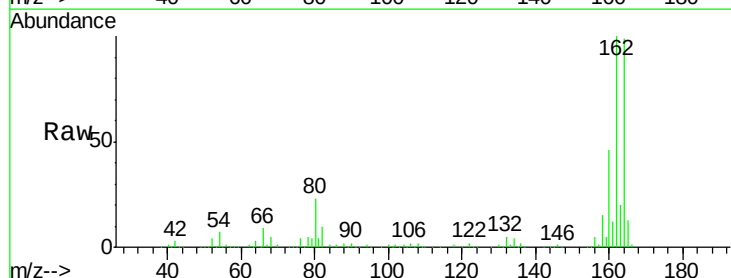
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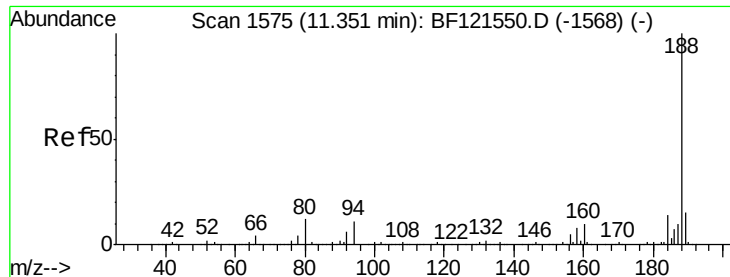
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	47.6	71.4#
89	1.4	46.0	69.0#



#57
 2,4-Dinitrotoluene
 Concen: 6.553 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF121660.D
 Acq: 23 Sep 2020 1:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.4	57.7	86.5#
182	0.0	2.1	3.1#

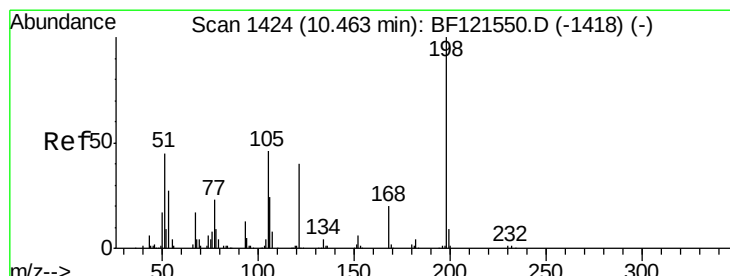
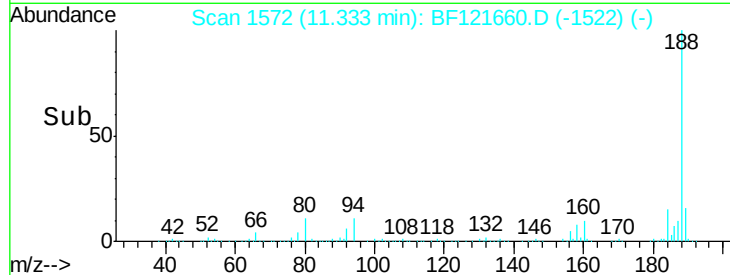
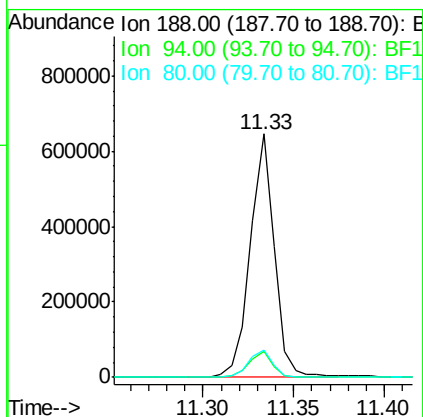
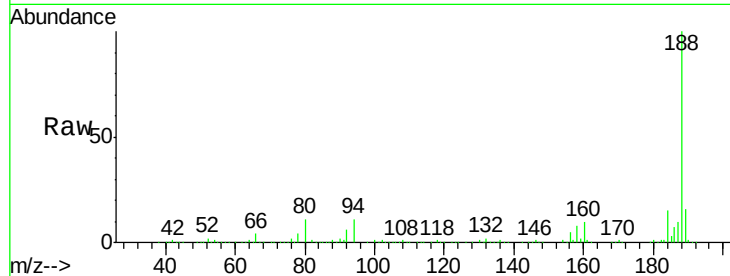




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF121660.D
 Acq: 23 Sep 2020 1:31

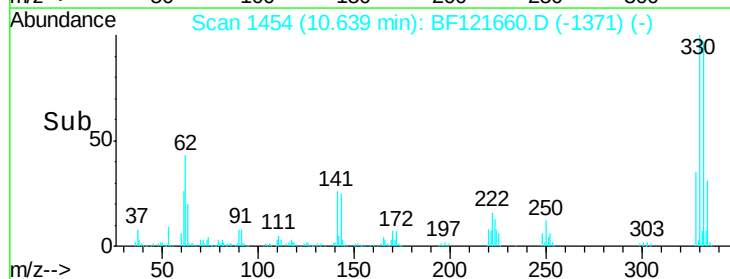
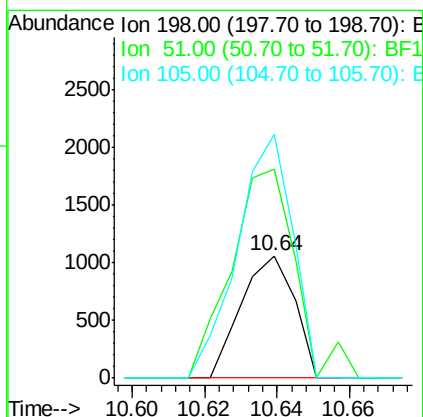
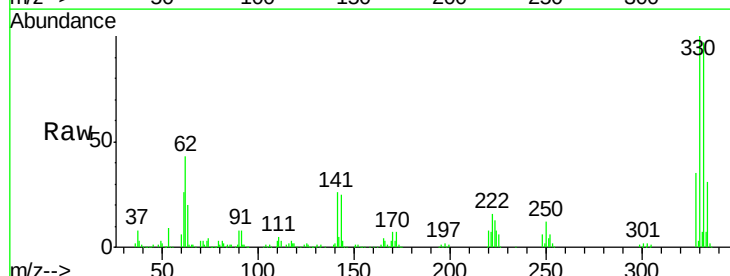
Instrument :
 BNA_F
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 BU-02-092120

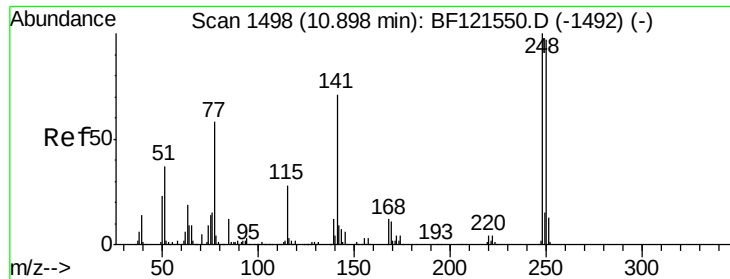
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.4	12.6
80	11.3	9.0	13.4



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.104 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF121660.D
 Acq: 23 Sep 2020 1:31

Tgt Ion	Ratio	Lower	Upper
198	100		
51	171.3	20.3	60.3#
105	199.5	20.2	60.2#

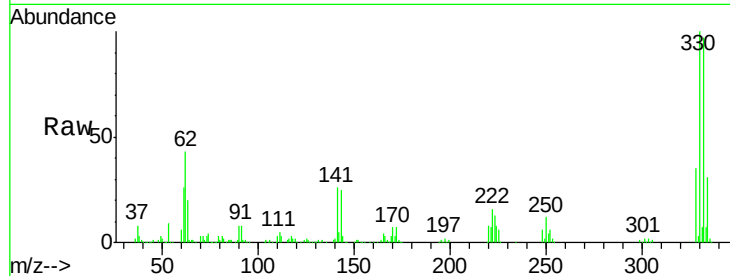




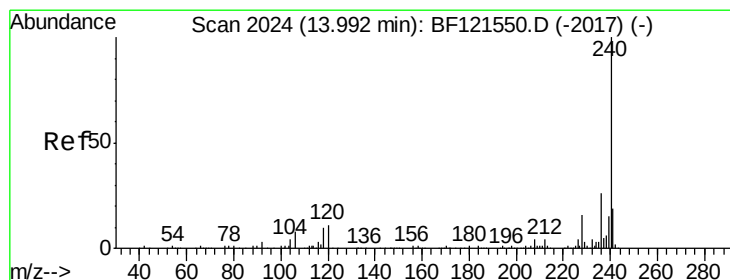
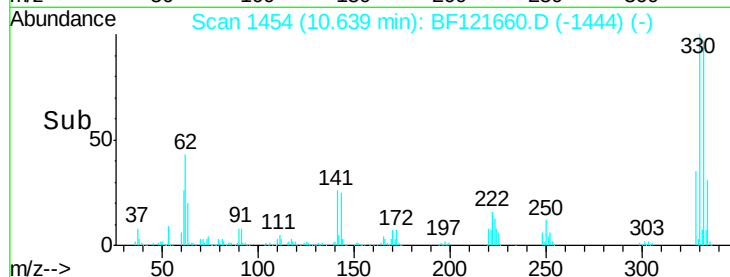
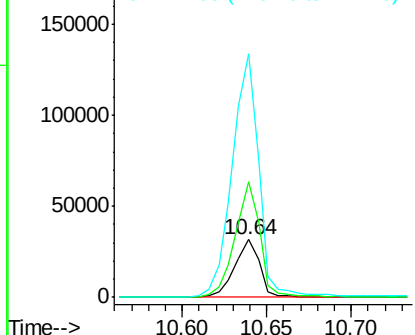
#67
4-Bromophenyl-phenylether
Concen: 4.841 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121660.D
Acq: 23 Sep 2020 1:31

Instrument :
BNA_F
ClientSampleId :
BU-02-092120

Tot Ion:248 Resp: 32998
Ion Ratio Lower Upper
248 100
250 200.2 79.4 119.0#
141 423.1 52.2 78.4#

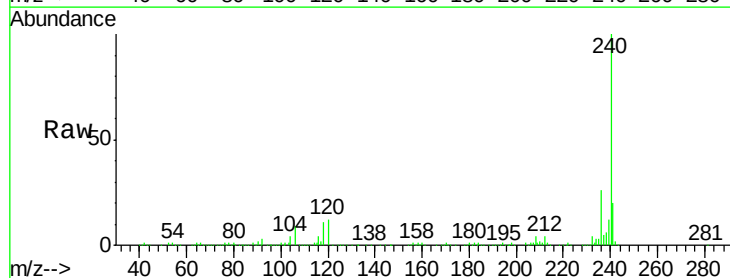


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

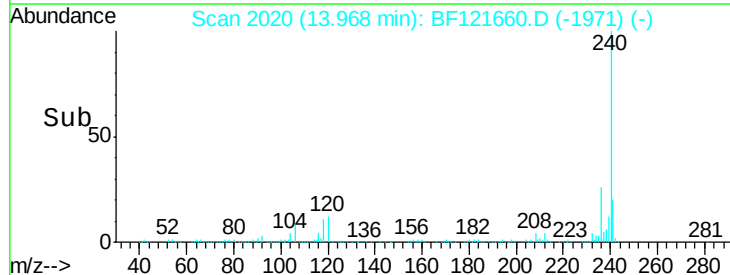
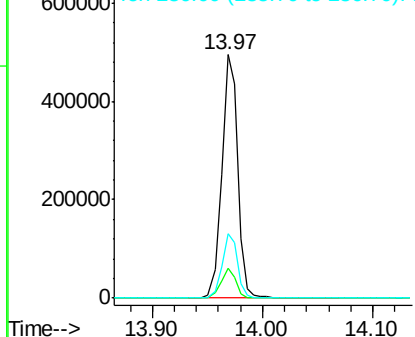


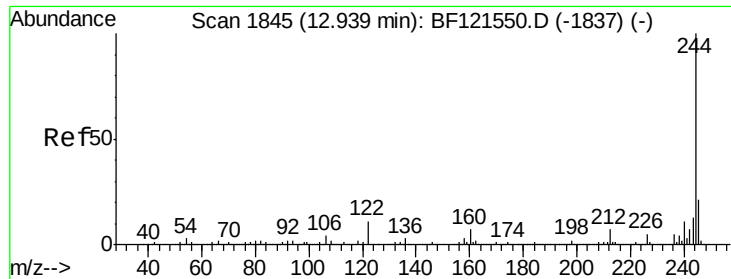
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121660.D
Acq: 23 Sep 2020 1:31

Tgt Ion:240 Resp: 497493
Ion Ratio Lower Upper
240 100
120 12.3 9.2 13.8
236 26.2 20.4 30.6



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: 89.948 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121660.D

Acq: 23 Sep 2020 1:31

Instrument :

BNA_F

ClientSampleId :

BU-02-092120

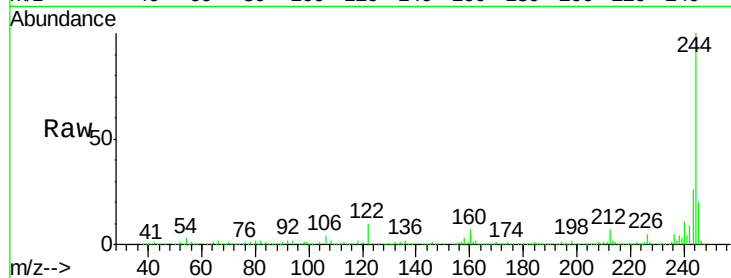
Tot Ion:244 Resp: 2208819

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

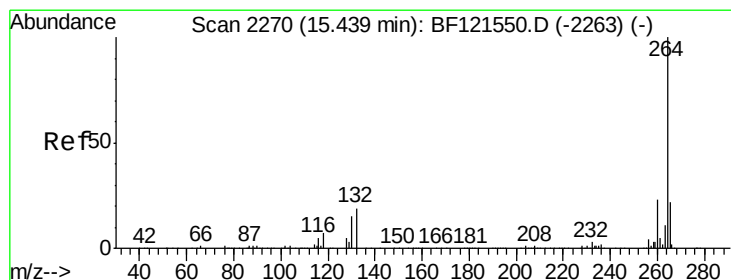
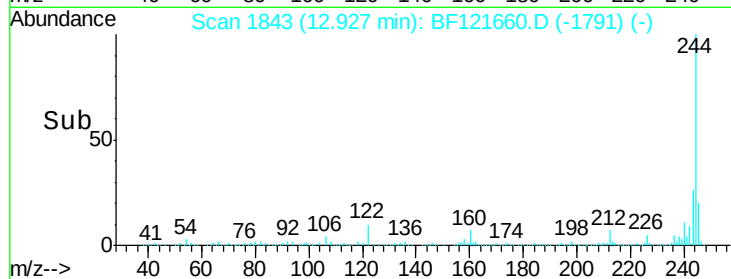
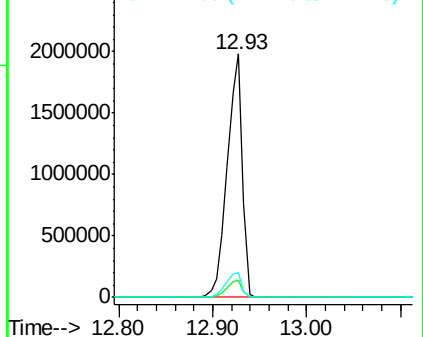
122 10.2 7.4 11.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF121660.D

Acq: 23 Sep 2020 1:31

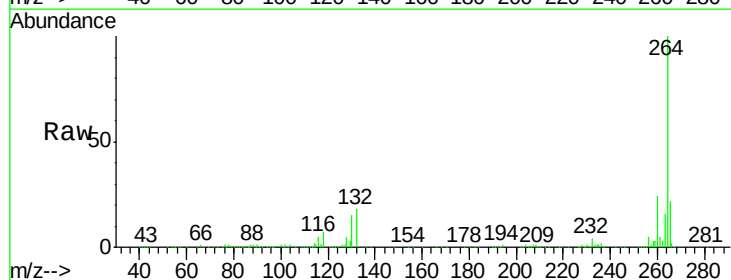
Tgt Ion:264 Resp: 369859

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.9 17.3 25.9



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

