

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121658.D
 Acq On : 23 Sep 2020 00:29
 Operator : JU/CG
 Sample : L4093-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KTS-GW-01-30

Quant Time: Sep 23 01:11:07 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	149605	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	608142	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	322792	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	609548	20.00	ng	0.00
76) Chrysene-d12	13.97	240	469923	20.00	ng	-0.01
86) Perylene-d12	15.42	264	340326	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	241236	23.96	ng	0.00
7) Phenol-d6	6.44	99	243591	18.44	ng	-0.01
23) Nitrobenzene-d5	7.37	82	819804	72.38	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	193396	48.21	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1316494	61.77	ng	0.00
79) Terphenyl-d14	12.92	244	1524627	65.73	ng	0.00

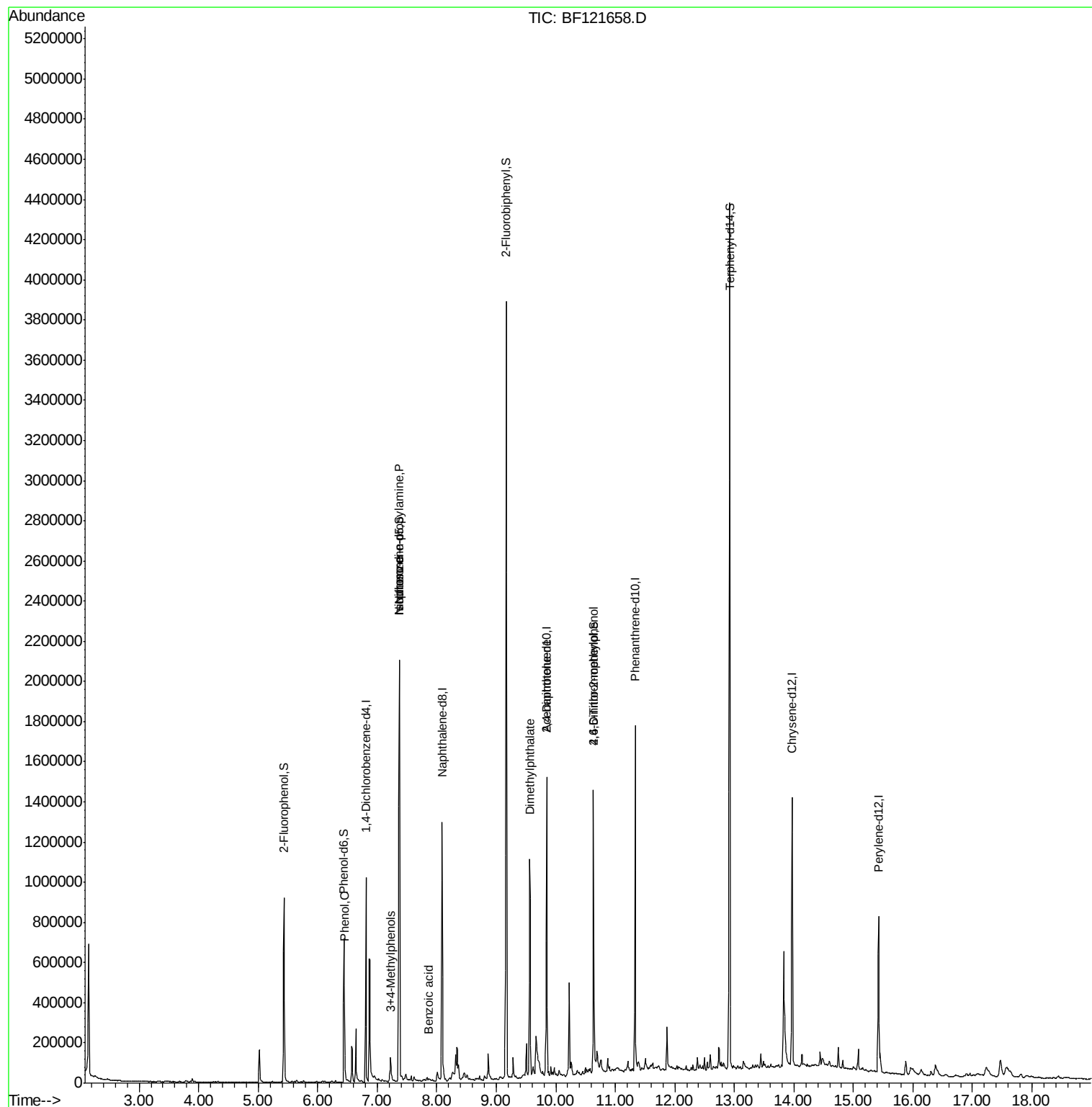
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	34034	2.420	ng	81
19) n-Nitroso-di-n-propylamine	7.37	70	112007	14.715	ng	# 81
20) 3+4-Methylphenols	7.23	107	37592	3.588	ng	# 53
25) Isophorone	7.37	82	810295	35.539	ng	# 67
32) Benzoic acid	7.87	122	2373	7.203	ng	# 74
50) Dimethylphthalate	9.56	163	450416	19.252	ng	99
57) 2,4-Dinitrotoluene	9.85	165	41711	6.654	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.63	198	309	6.923	ng	# 1

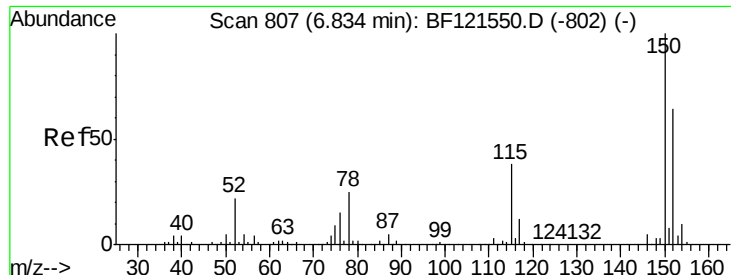
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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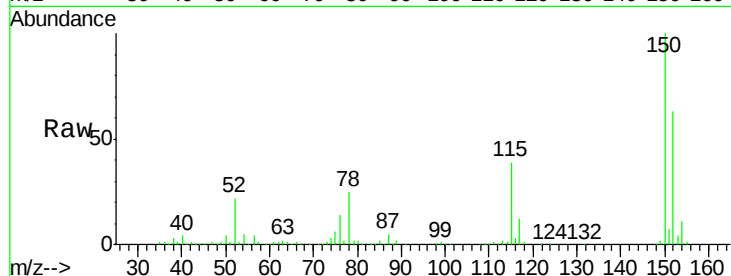


#1

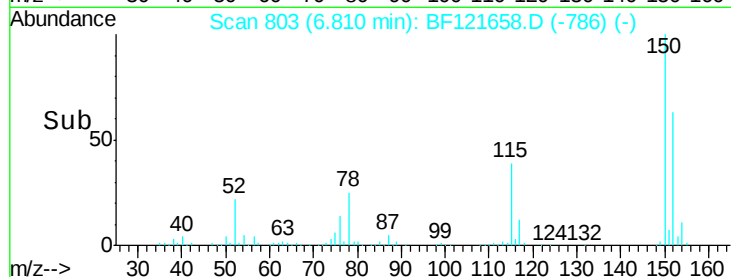
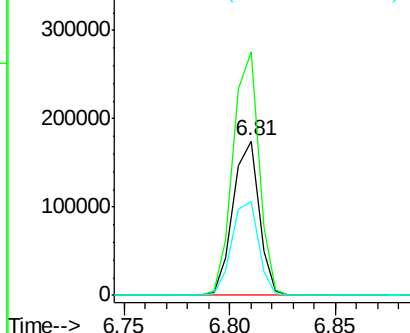
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF121658.D
 Acq: 23 Sep 2020 00:29

Instrument :
 BNA_F
 ClientSampleId :
 KTS-GW-01-30

Tot Ion:152 Resp: 149605
 Ion Ratio Lower Upper
 152 100
 150 157.7 128.1 192.1
 115 61.1 52.6 79.0



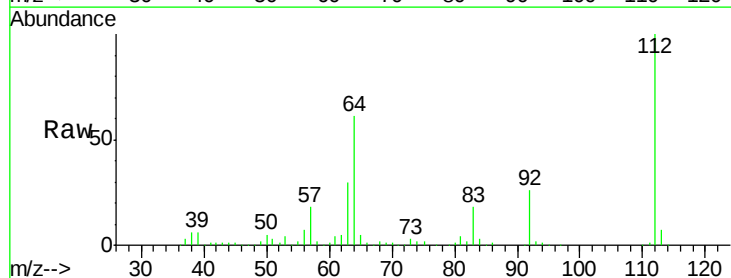
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



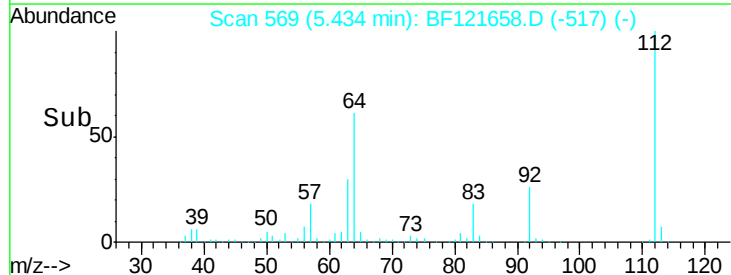
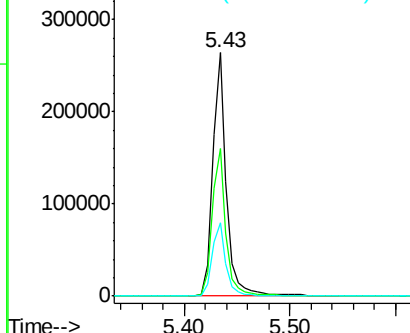
#5

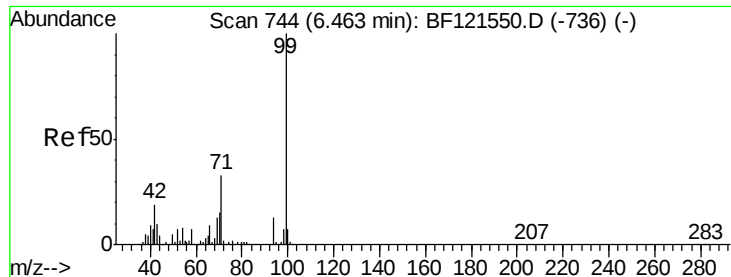
2-Fluorophenol
 Concen: 23.964 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF121658.D
 Acq: 23 Sep 2020 00:29

Tgt Ion:112 Resp: 241236
 Ion Ratio Lower Upper
 112 100
 64 60.8 52.2 78.2
 63 30.4 26.6 39.8



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: 18.444 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121658.D

Acq: 23 Sep 2020 00:29

Instrument :

BNA_F

ClientSampleId :

KTS-GW-01-30

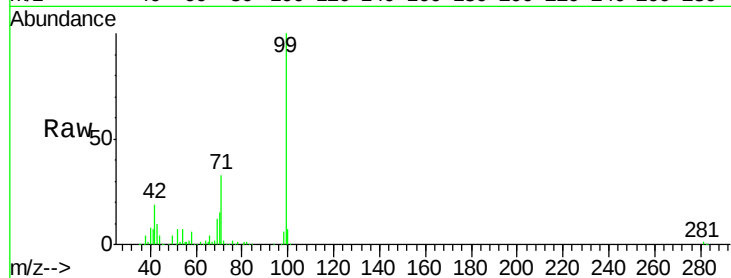
Tot Ion: 99 Resp: 243591

Ion Ratio Lower Upper

99 100

42 19.2 15.5 23.3

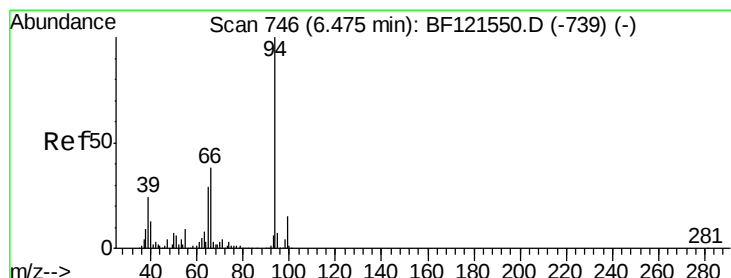
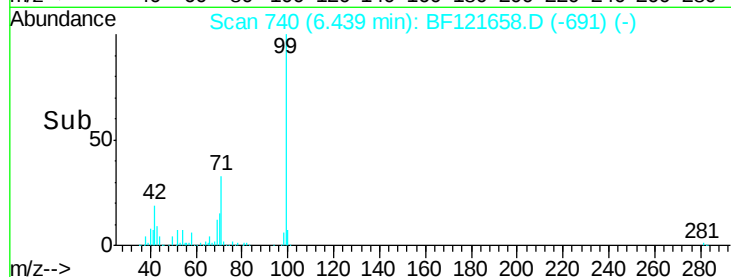
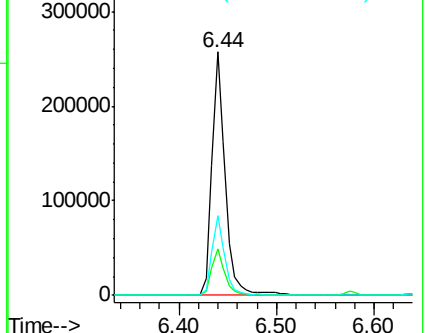
71 32.8 27.4 41.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.420 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121658.D

Acq: 23 Sep 2020 00:29

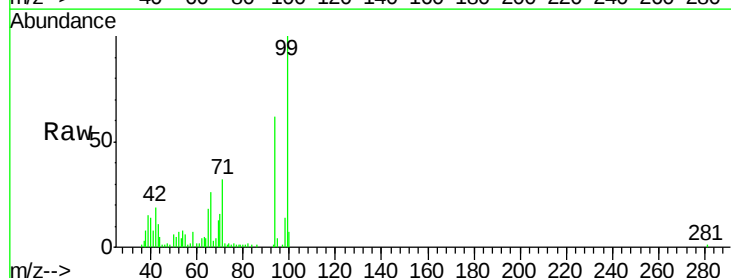
Tgt Ion: 94 Resp: 34034

Ion Ratio Lower Upper

94 100

65 28.5 17.8 57.8

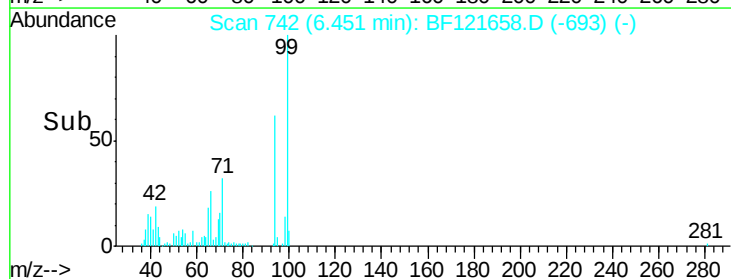
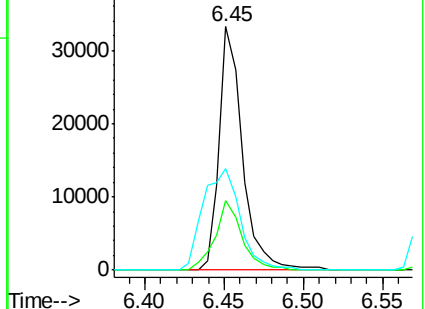
66 41.7 37.8 77.8

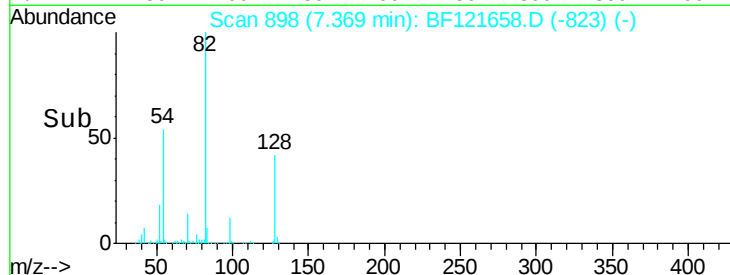
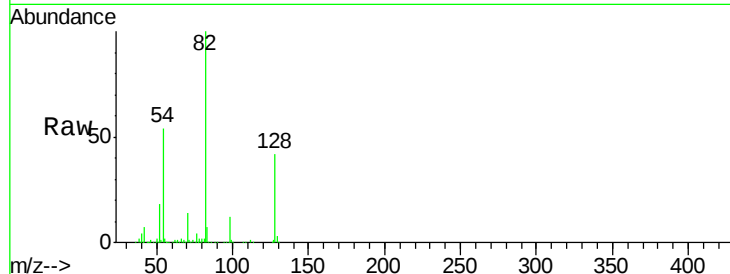
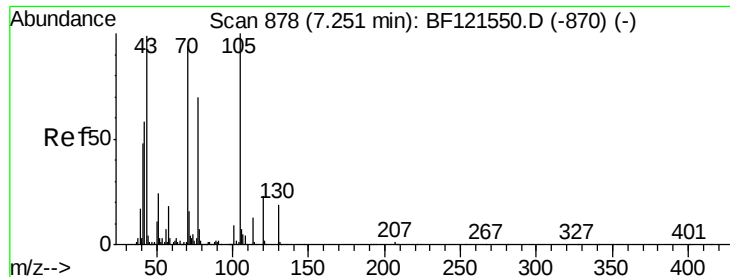


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

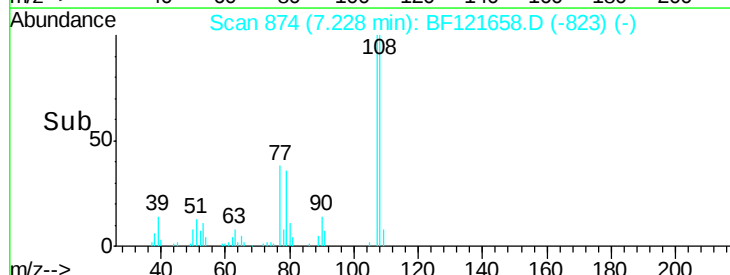
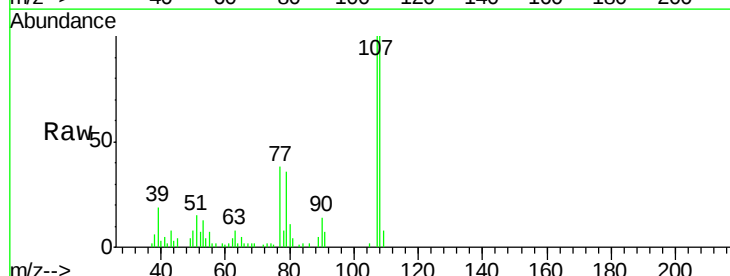
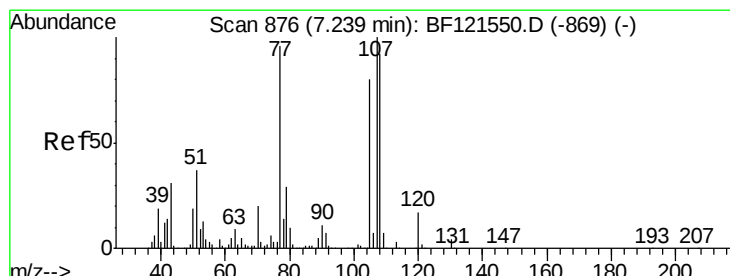
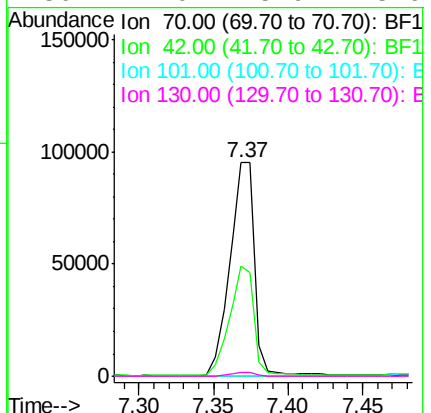




#19
n-Nitroso-di-n-propylamine
Concen: 14.715 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF121658.D
Acq: 23 Sep 2020 00:29

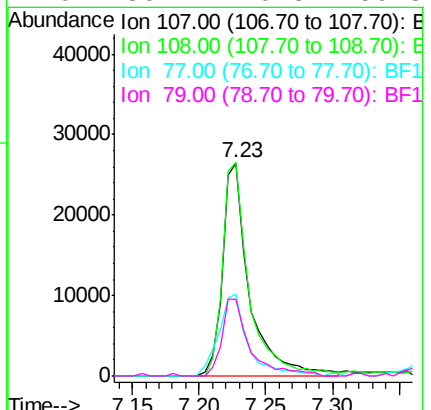
Instrument :
BNA_F
ClientSampleId :
KTS-GW-01-30

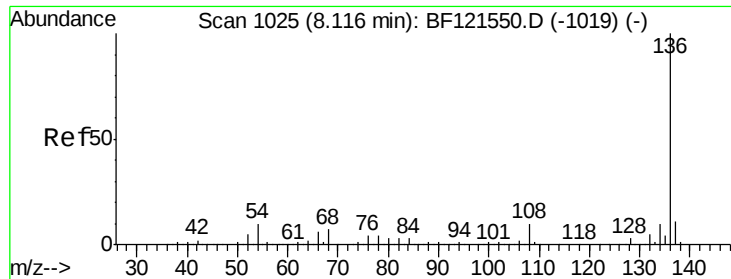
Tot Ion: 70 Resp: 112007
Ion Ratio Lower Upper
70 100
42 51.4 48.3 72.5
101 0.0 7.6 11.4#
130 2.0 15.9 23.9#



#20
3+4-Methylphenols
Concen: 3.588 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF121658.D
Acq: 23 Sep 2020 00:29

Tgt Ion: 107 Resp: 37592
Ion Ratio Lower Upper
107 100
108 100.4 67.0 107.0
77 38.4 107.7 147.7#
79 36.1 10.3 50.3

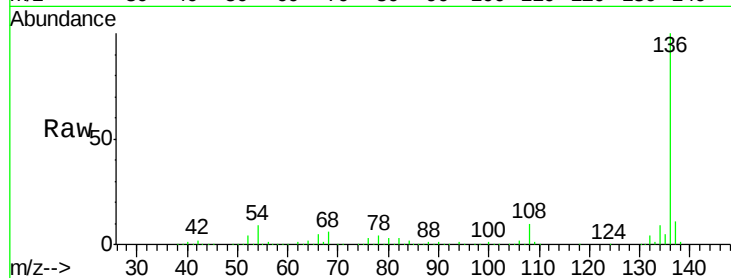




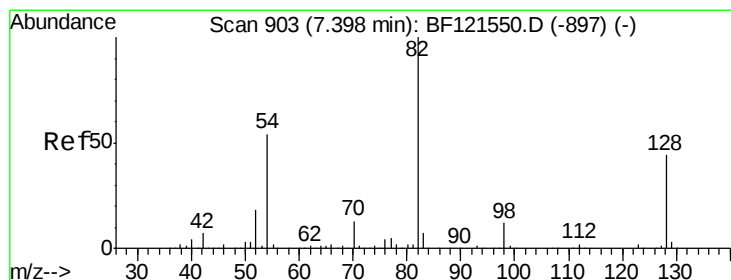
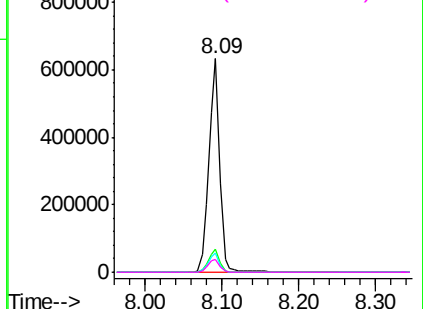
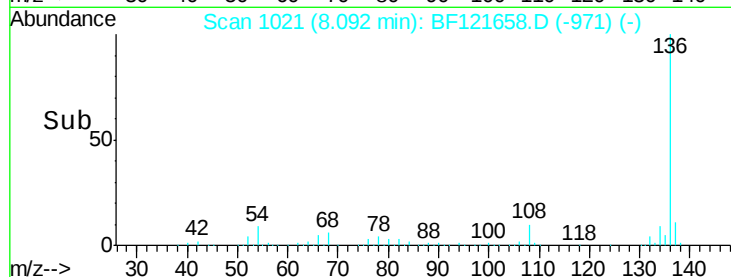
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121658.D
Acq: 23 Sep 2020 00:29

Instrument :
BNA_F
ClientSampleId :
KTS-GW-01-30

Tot Ion:136	Resp:	608142
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.9 13.3
54	8.8	7.4 11.0
68	6.2	5.3 7.9

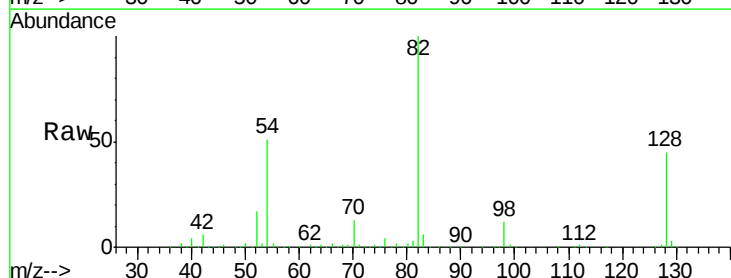


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

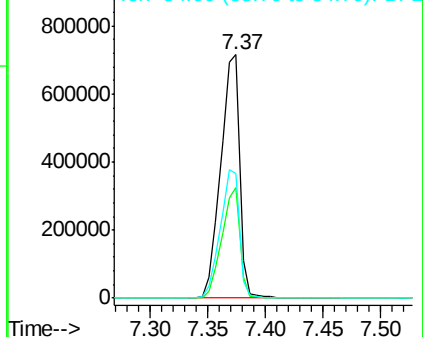
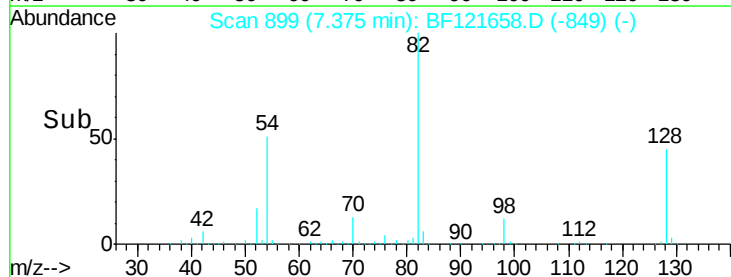


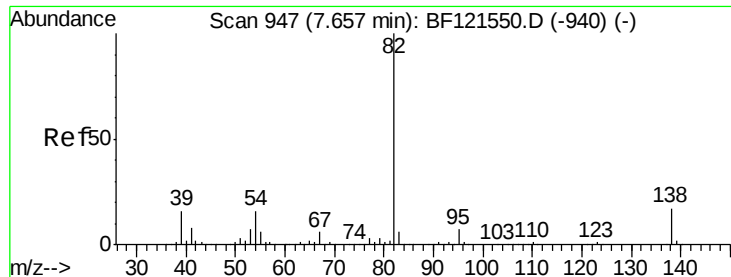
#23
Nitrobenzene-d5
Concen: 72.379 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121658.D
Acq: 23 Sep 2020 00:29

Tgt Ion: 82	Resp:	819804
Ion	Ratio	Lower Upper
82	100	
128	45.1	33.9 50.9
54	51.1	42.9 64.3



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: 35.539 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121658.D

Acq: 23 Sep 2020 00:29

Instrument :

BNA_F

ClientSampleId :

KTS-GW-01-30

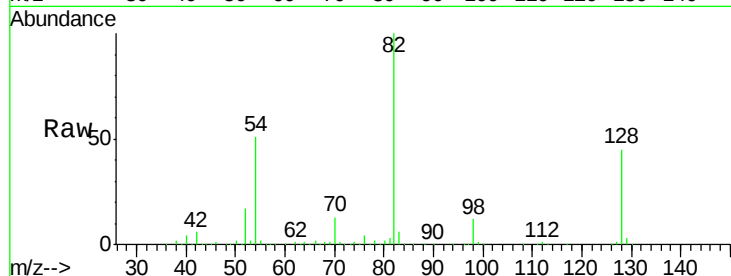
Tot Ion: 82 Resp: 810295

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

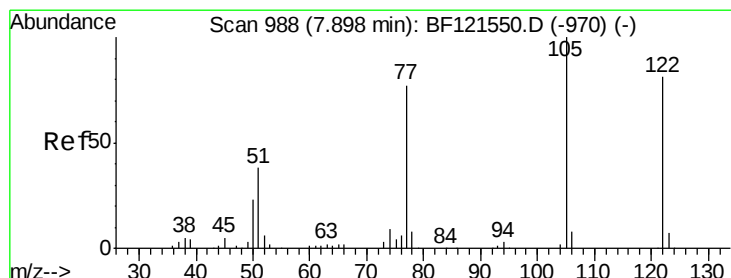
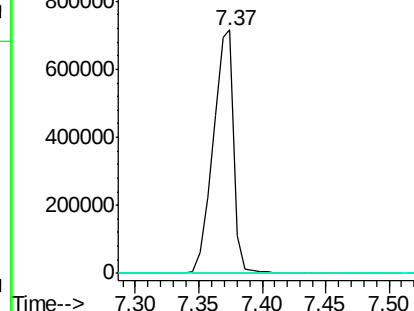
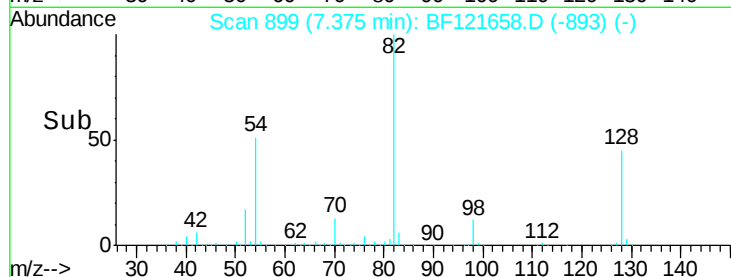
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 7.203 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BF121658.D

Acq: 23 Sep 2020 00:29

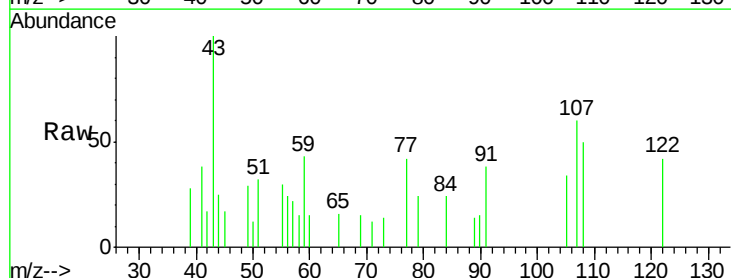
Tgt Ion: 122 Resp: 2373

Ion Ratio Lower Upper

122 100

105 81.1 101.9 141.9#

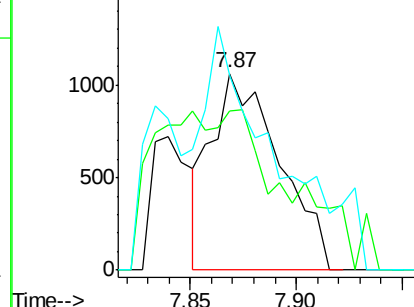
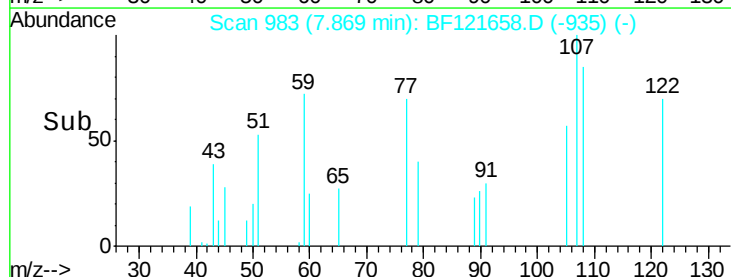
77 99.4 69.0 109.0

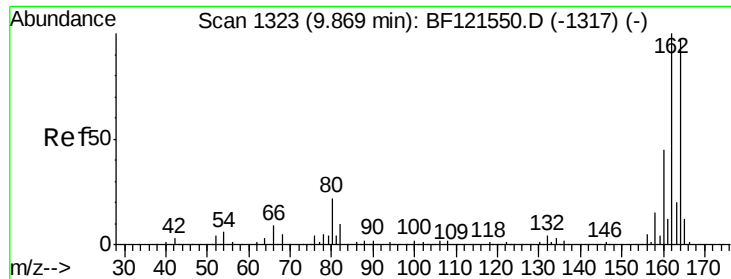


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121658.D

Acq: 23 Sep 2020 00:29

Instrument :

BNA_F

ClientSampleId :

KTS-GW-01-30

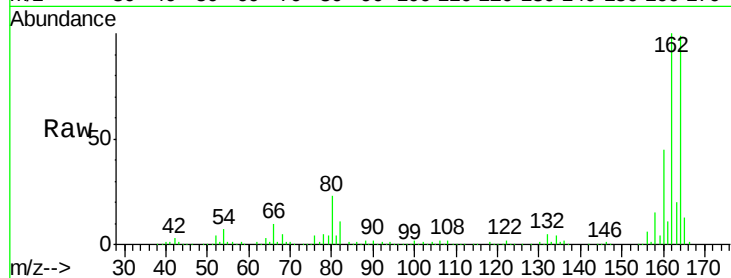
Tot Ion:164 Resp: 322792

Ion Ratio Lower Upper

164 100

162 100.9 81.2 121.8

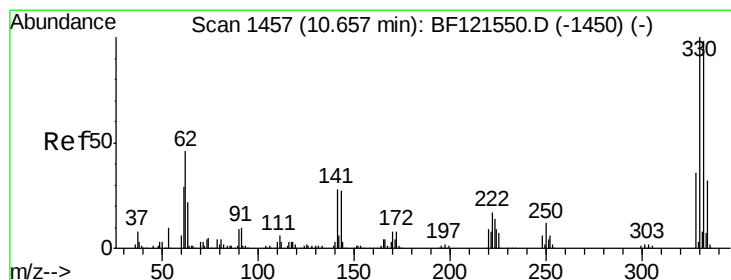
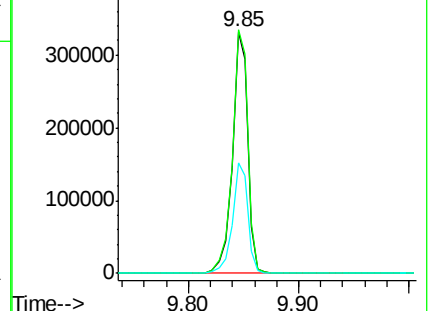
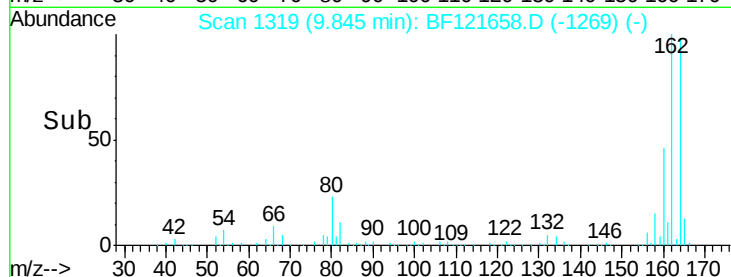
160 45.9 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 48.206 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121658.D

Acq: 23 Sep 2020 00:29

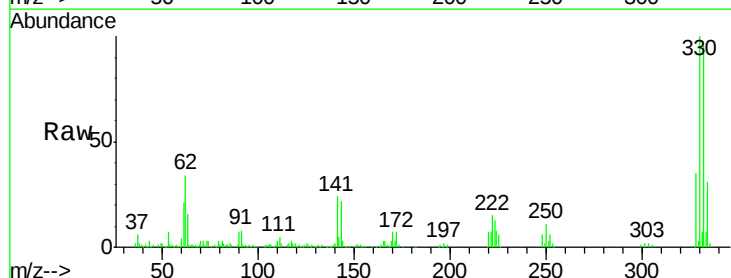
Tgt Ion:330 Resp: 193396

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

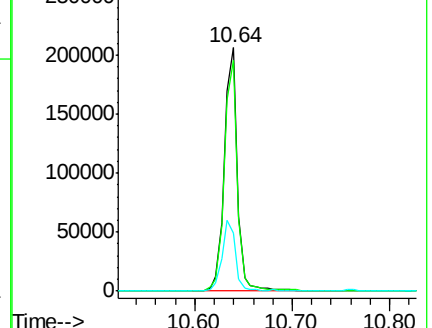
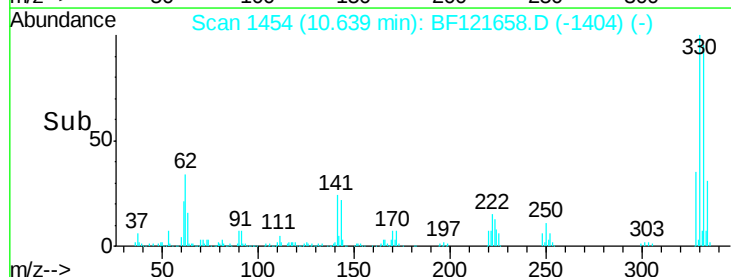
141 30.6 22.4 33.6

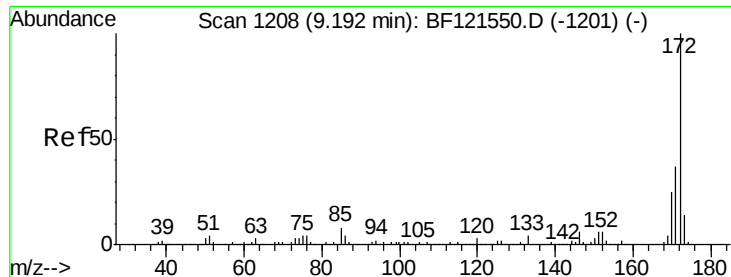


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

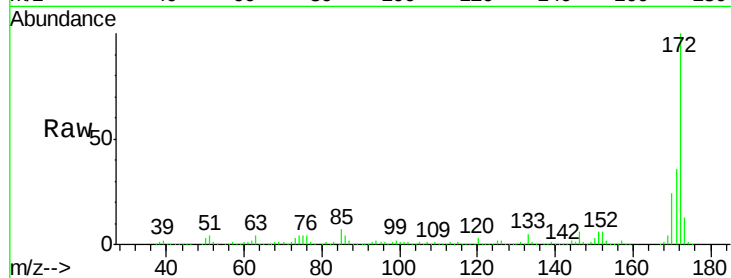




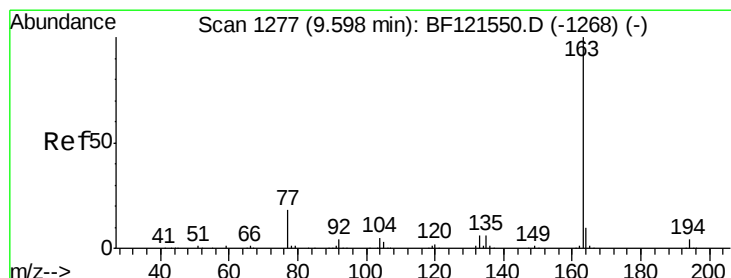
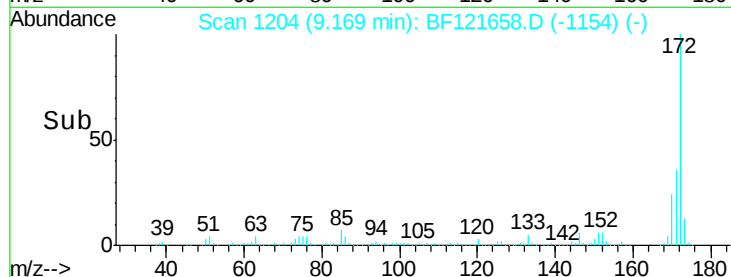
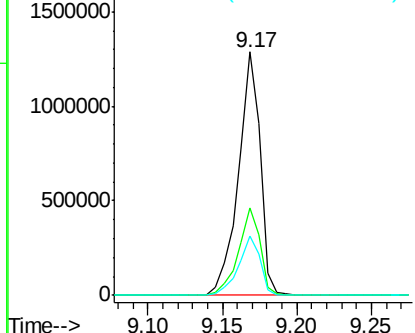
#45
2-Fluorobiphenyl
Concen: 61.770 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF121658.D
Acq: 23 Sep 2020 00:29

Instrument :
BNA_F
ClientSampleId :
KTS-GW-01-30

Tot Ion:172 Resp: 1316494
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 24.4 19.5 29.3

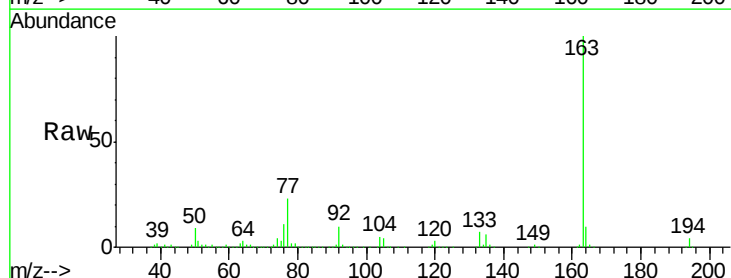


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

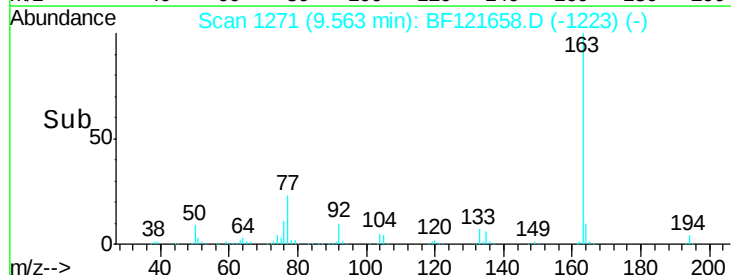
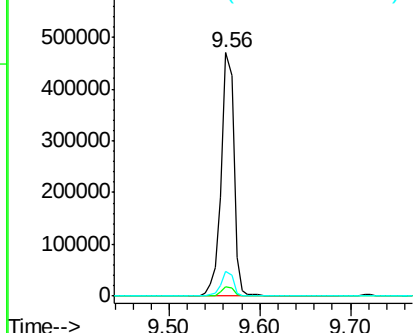


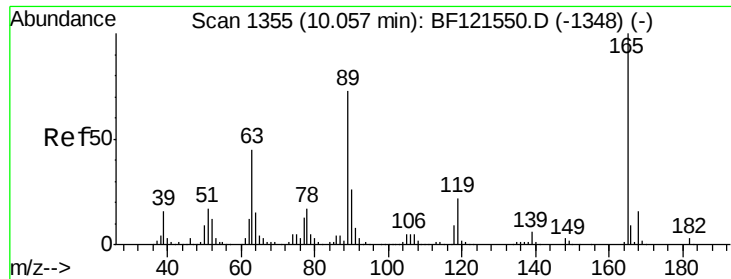
#50
Dimethylphthalate
Concen: 19.252 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121658.D
Acq: 23 Sep 2020 00:29

Tgt Ion:163 Resp: 450416
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.4 8.0 12.0



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: 6.654 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.20 min

Lab File: BF121658.D

Acq: 23 Sep 2020 00:29

Instrument :

BNA_F

ClientSampleId :

KTS-GW-01-30

Tot Ion:165 Resp: 41711

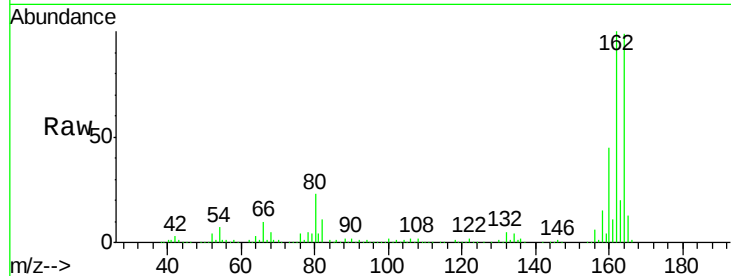
Ion Ratio Lower Upper

165 100

63 1.8 36.7 55.1#

89 1.5 57.7 86.5#

182 0.0 2.1 3.1#

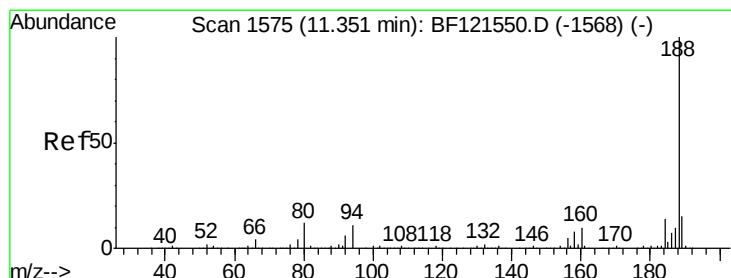
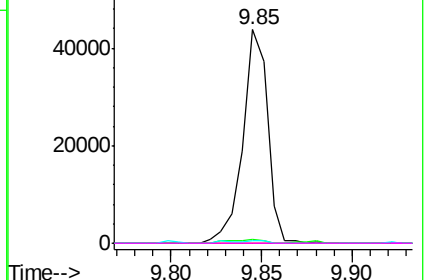
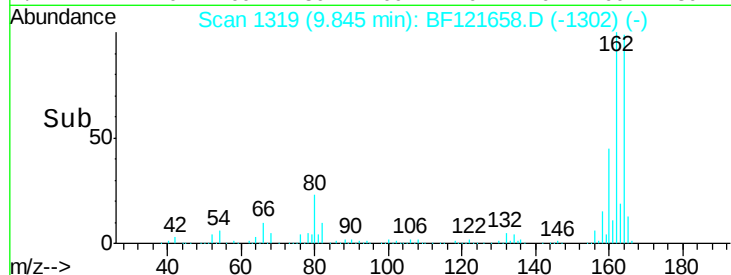


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF121658.D

Acq: 23 Sep 2020 00:29

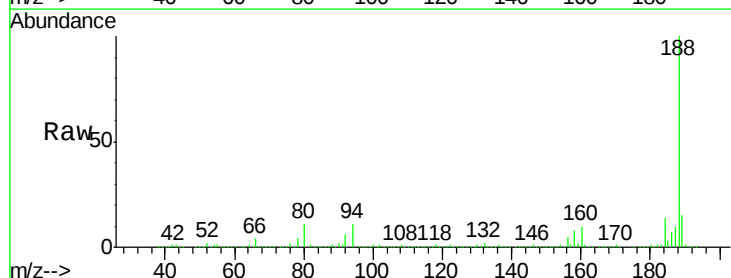
Tgt Ion:188 Resp: 609548

Ion Ratio Lower Upper

188 100

94 10.7 8.4 12.6

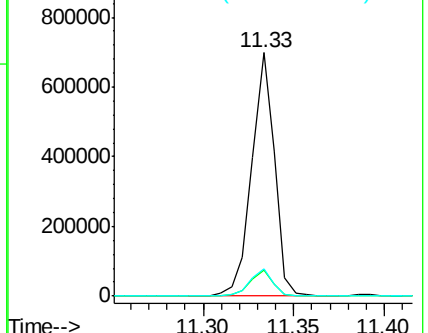
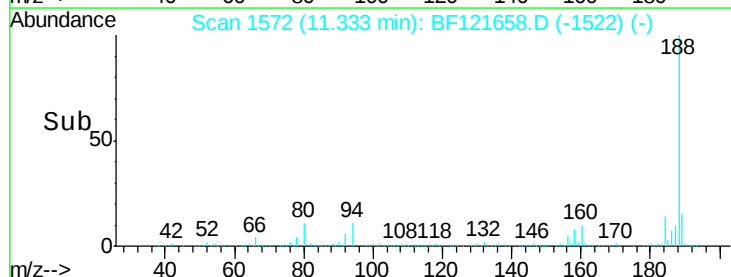
80 11.3 9.0 13.4

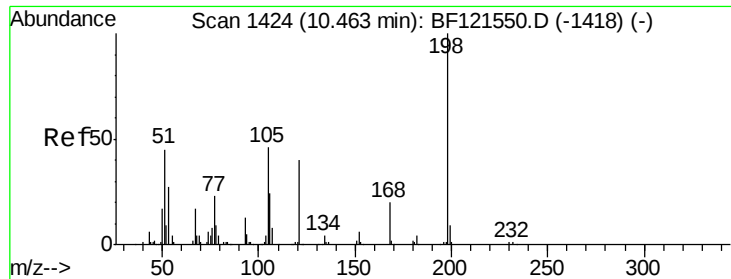


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

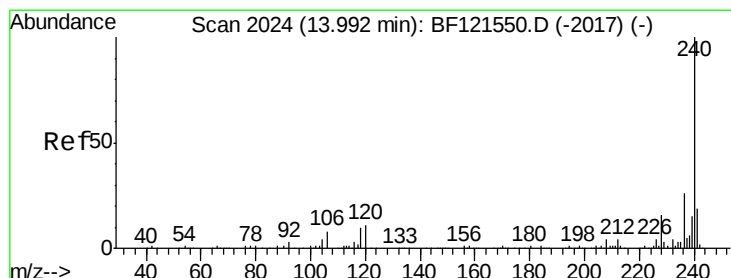
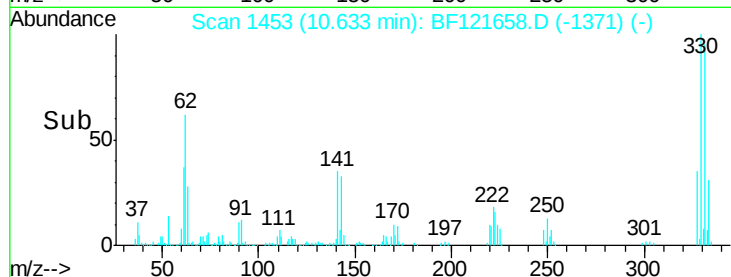
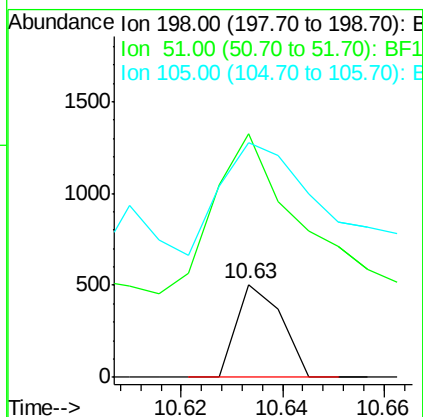
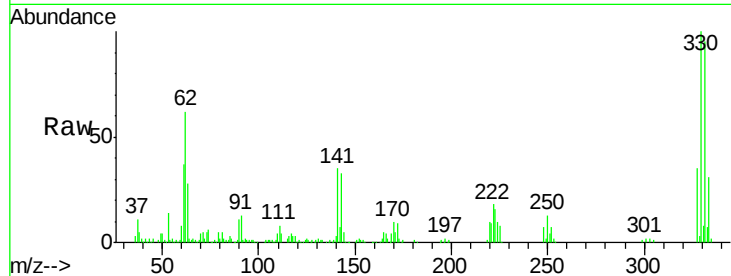




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.923 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.18 min
 Lab File: BF121658.D
 Acq: 23 Sep 2020 00:29

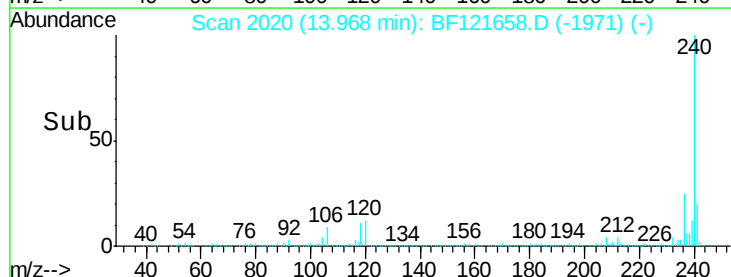
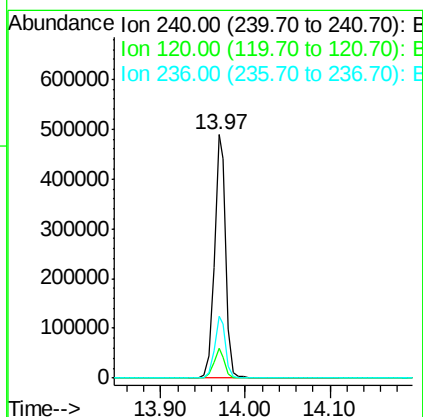
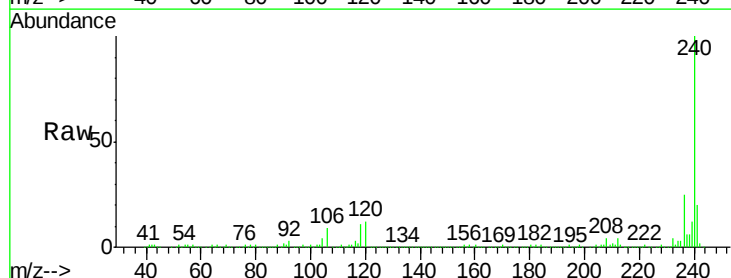
Instrument :
 BNA_F
 ClientSampleId :
 KTS-GW-01-30

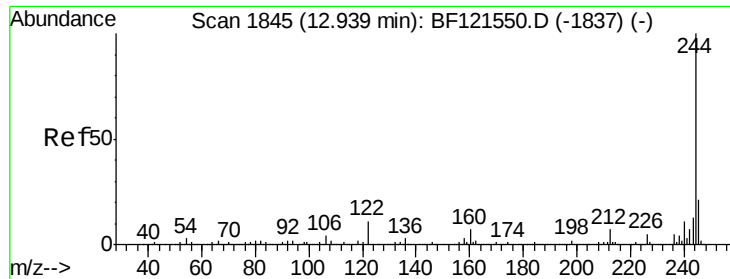
Tot Ion:198 Resp: 309
 Ion Ratio Lower Upper
 198 100
 51 262.7 20.3 60.3#
 105 253.0 20.2 60.2#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF121658.D
 Acq: 23 Sep 2020 00:29

Tgt Ion:240 Resp: 469923
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.2 13.8
 236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 65.729 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF121658.D

Acq: 23 Sep 2020 00:29

Instrument :

BNA_F

ClientSampleId :

KTS-GW-01-30

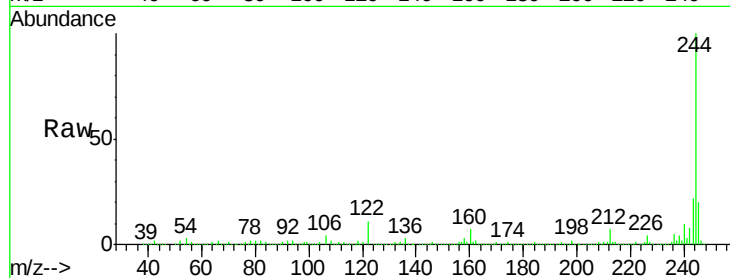
Tot Ion:244 Resp: 1524627

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

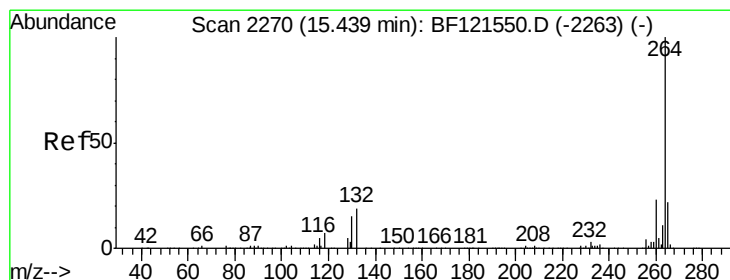
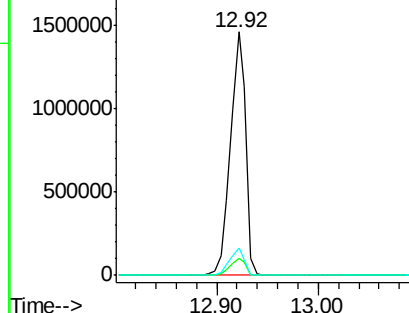
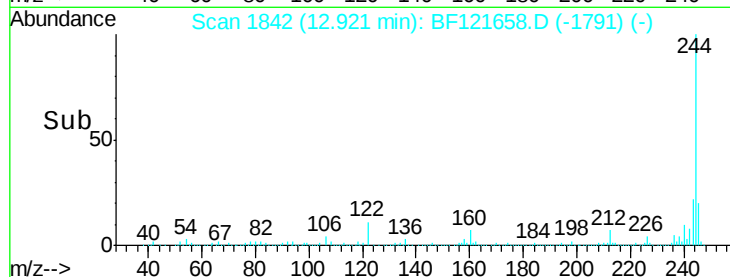
122 11.1 7.4 11.0#



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: BF121658.D

Acq: 23 Sep 2020 00:29

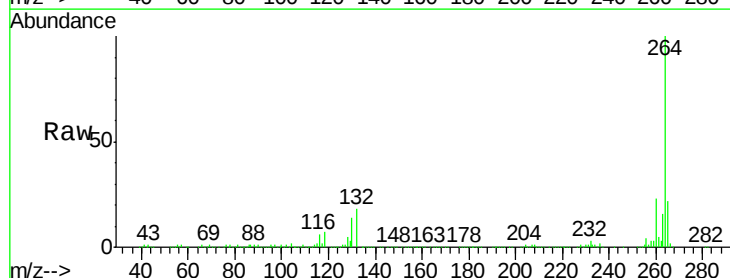
Tgt Ion:264 Resp: 340326

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.5 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

