

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 09:14:56 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

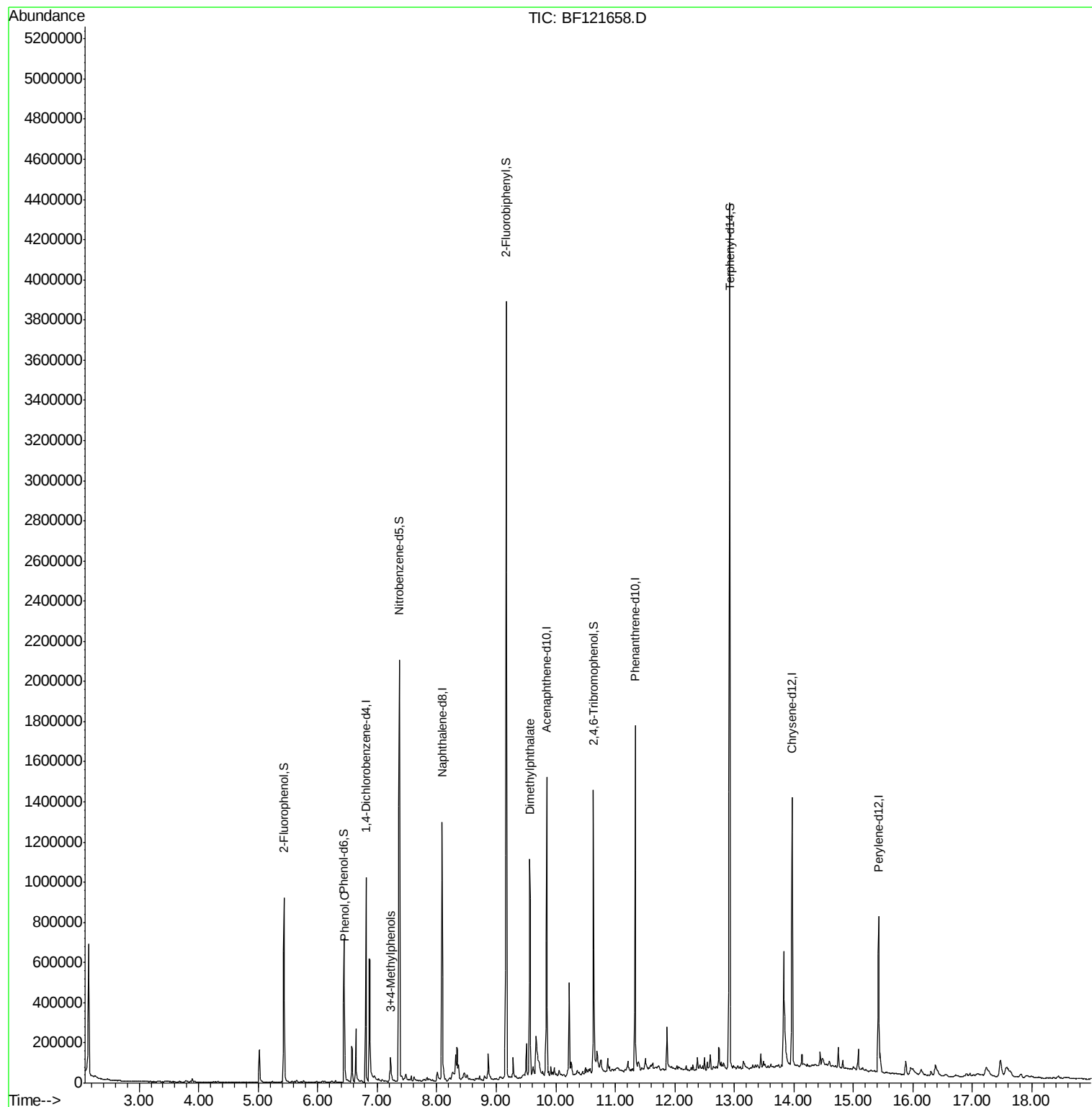
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149605	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	608142	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	322792	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	609548	20.00	ng	0.00
76) Chrysene-d12	13.97	240	469923	20.00	ng	-0.01
86) Perylene-d12	15.42	264	340326	20.00	ng	0.00
System Monitoring Compounds						
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						
10) Phenol	6.45	94	34034	2.420	ng	81
20) 3+4-Methylphenols	7.23	107	37592	3.588	ng	# 53
50) Dimethylphthalate	9.56	163	450416	19.252	ng	99

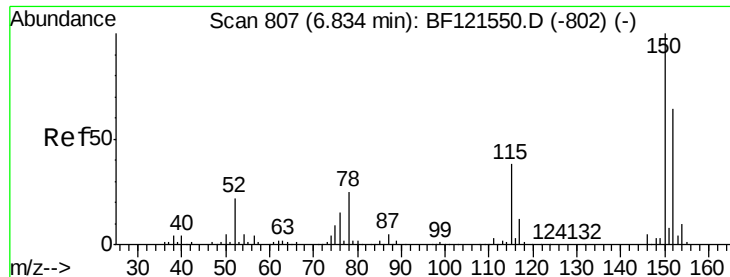
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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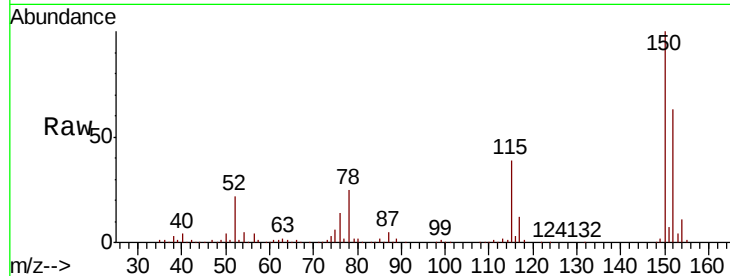


#1

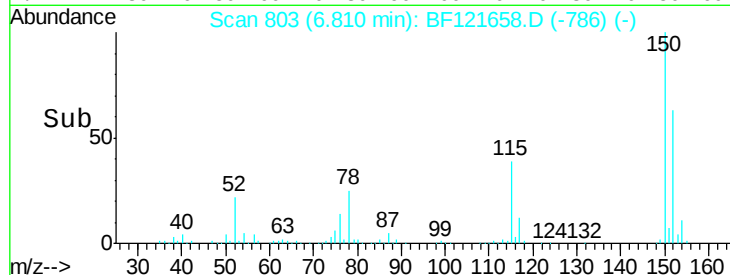
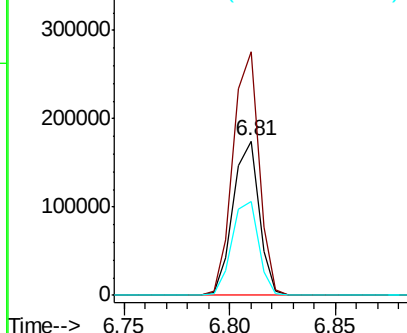
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121658.D
Acq: 23 Sep 2020 00:29

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



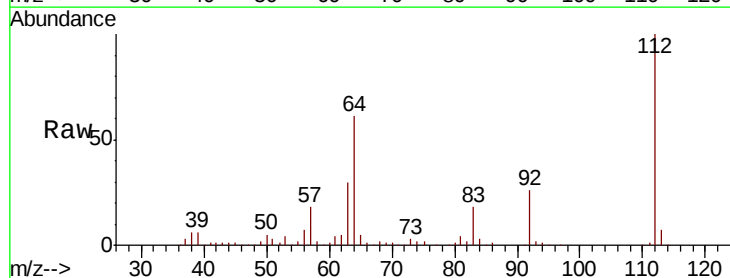
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



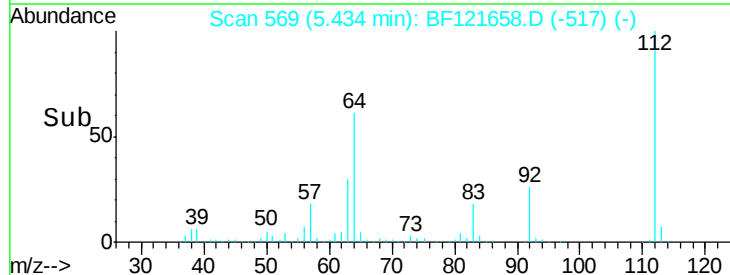
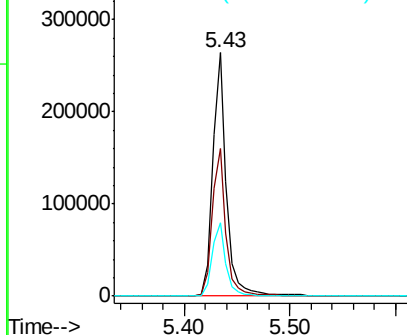
#5

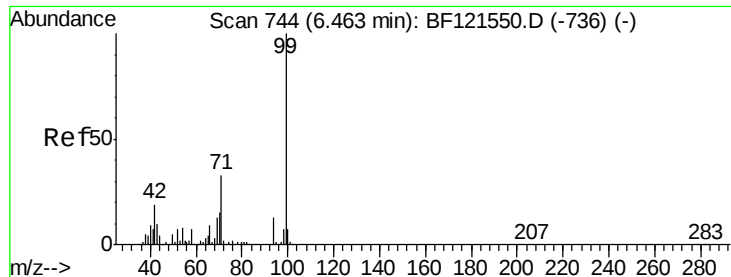
2-Fluorophenol
Concen: 23.964 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121658.D
Acq: 23 Sep 2020 00:29

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

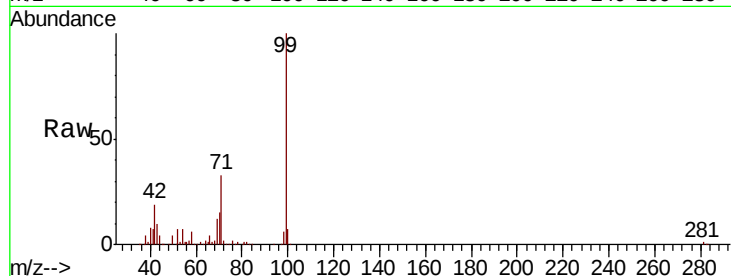
Tot Ion: 99 Resp: 243591

Ion Ratio Lower Upper

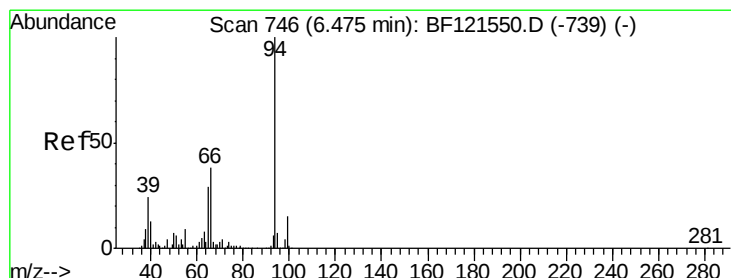
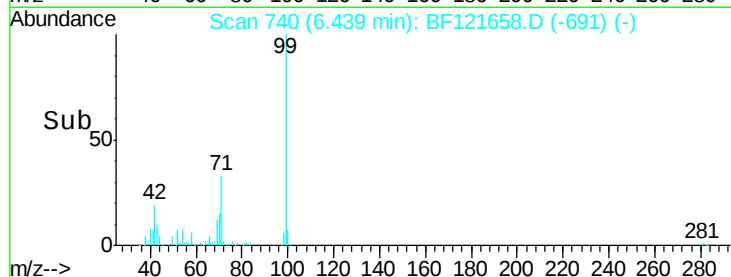
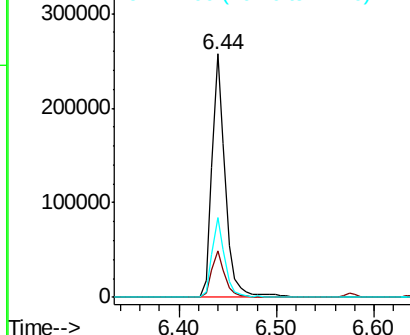
99 100

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

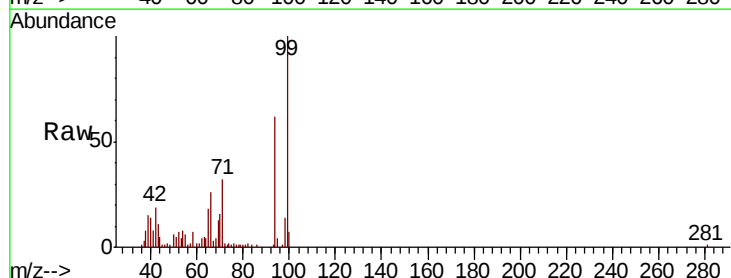
Tgt Ion: 94 Resp: 34034

Ion Ratio Lower Upper

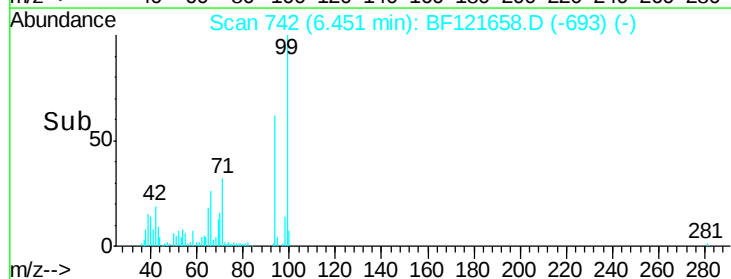
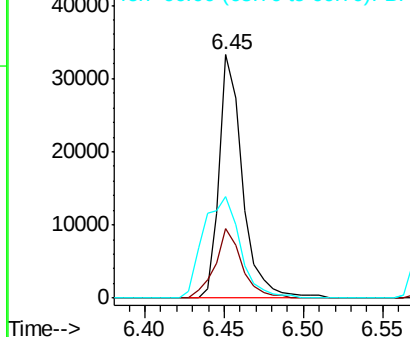
94 100

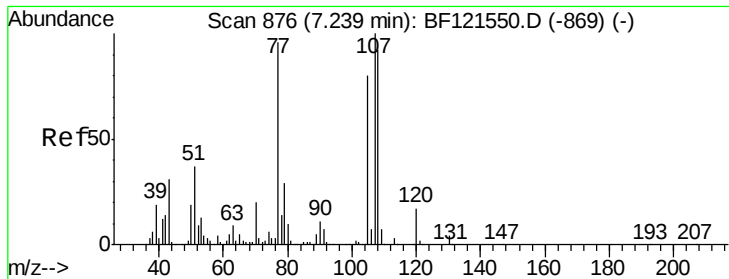
65 28.5 17.8 57.8

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

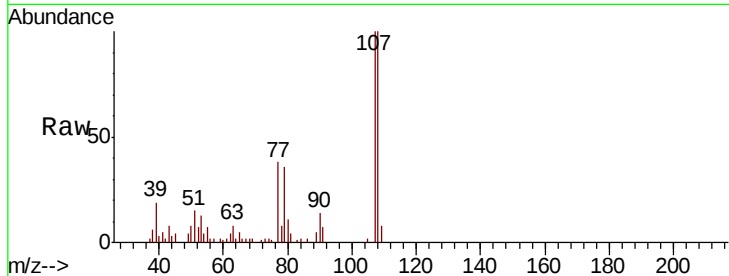




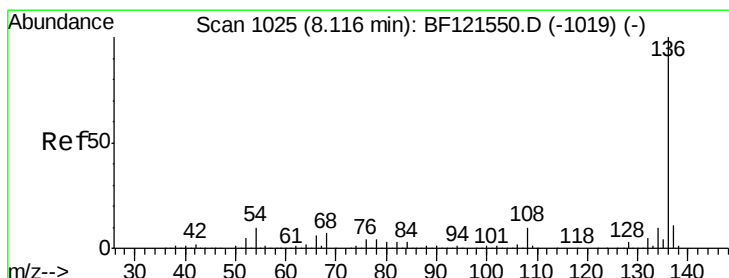
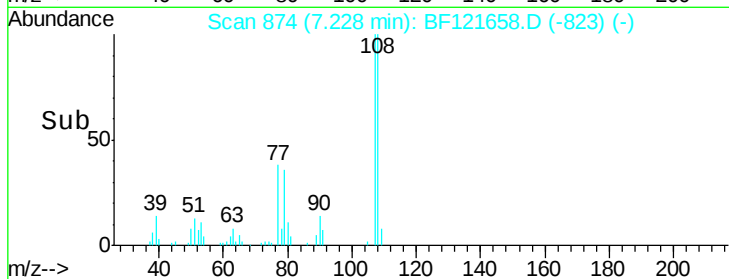
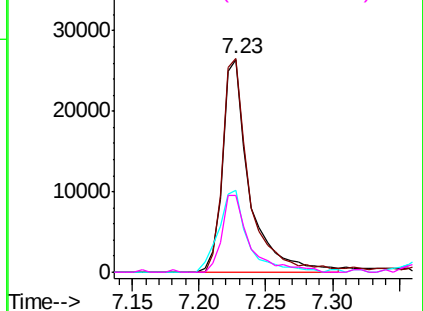
#20
3+4-Methylphenols
Concen: 3.588 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF121658.D
Acq: 23 Sep 2020 00:29

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

Tot 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

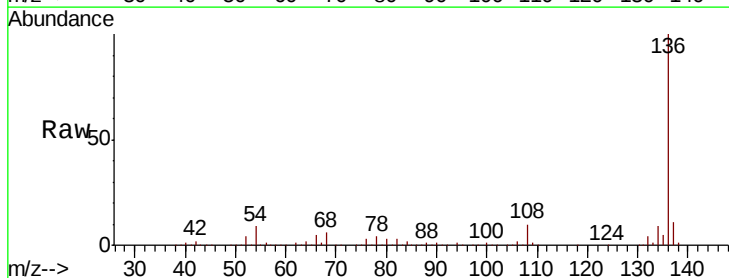


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

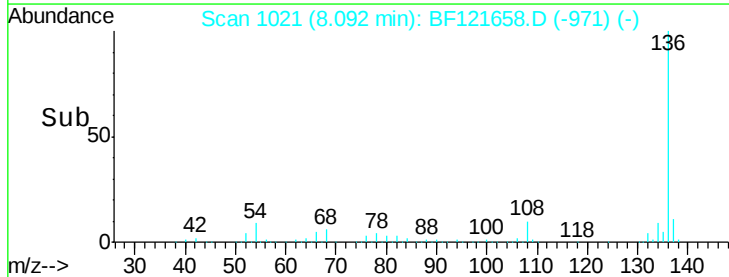
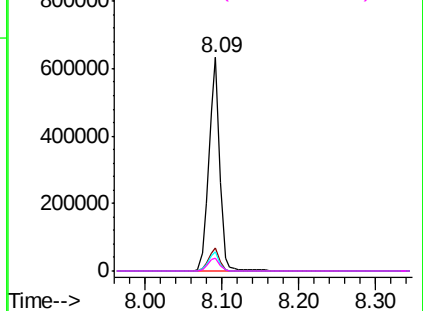


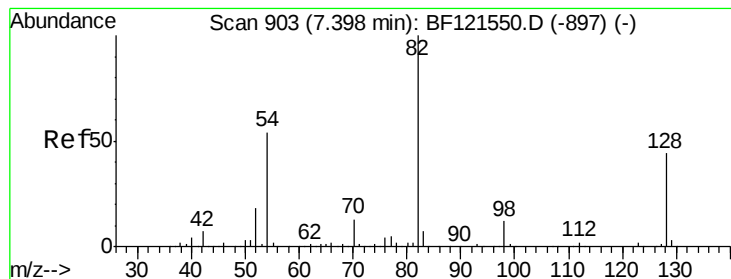
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121658.D
Acq: 23 Sep 2020 00:29

Tgt 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

Instrument :

BNA_F

ClientSampleId :

KTS-GW-01-30

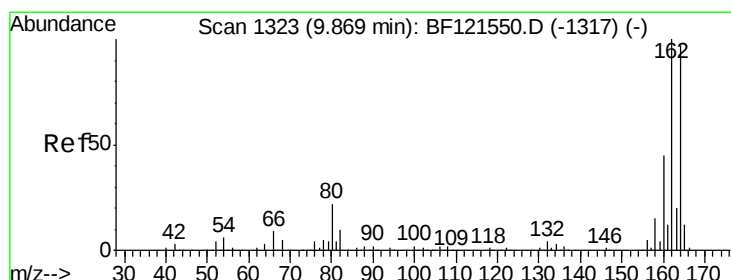
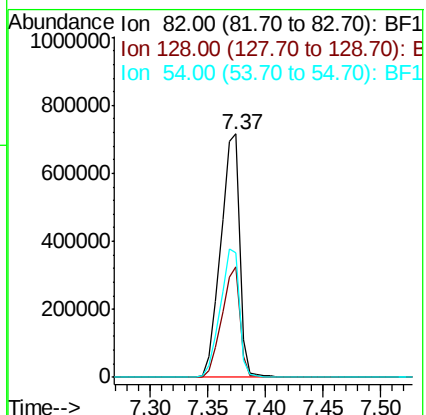
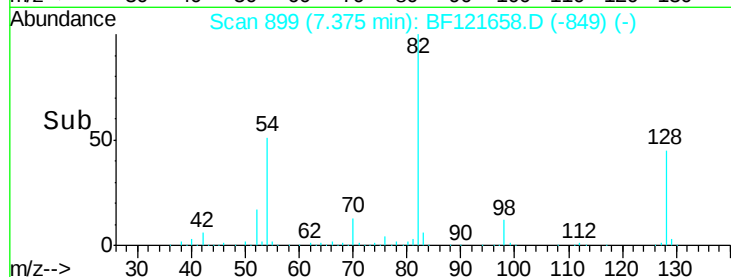
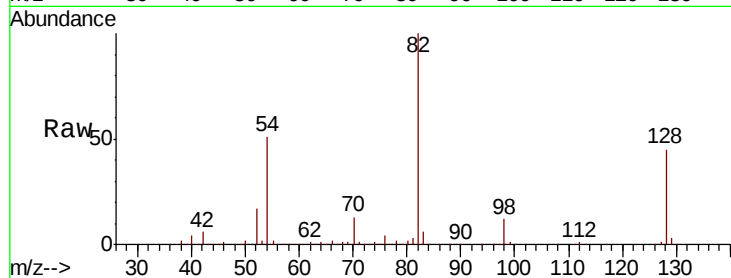
Tot Ion: 82 Resp: 819804

Ion Ratio Lower Upper

82 100

128 45.1 33.9 50.9

54 51.1 42.9 64.3



#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

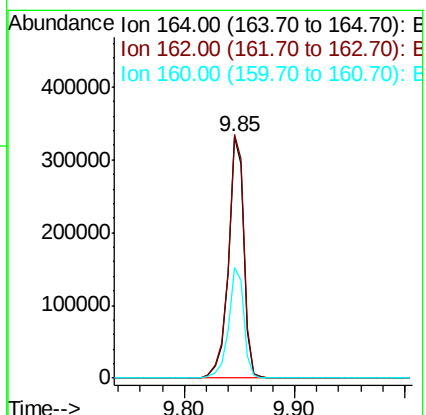
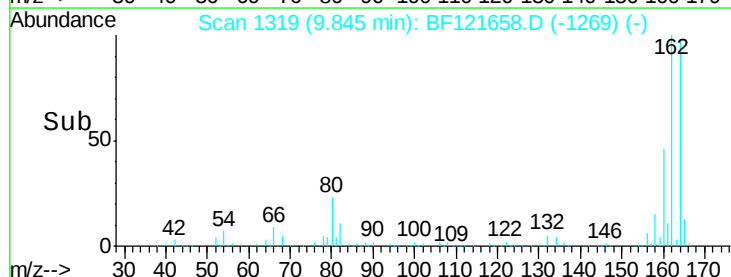
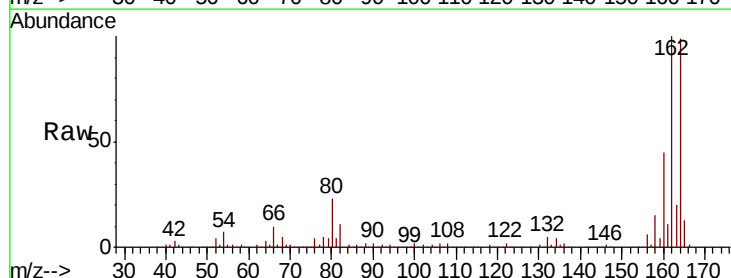
Tgt Ion: 164 Resp: 322792

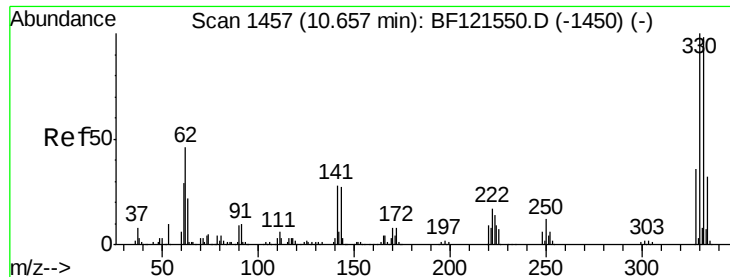
Ion Ratio Lower Upper

164 100

162 100.9 81.2 121.8

160 45.9 36.2 54.4

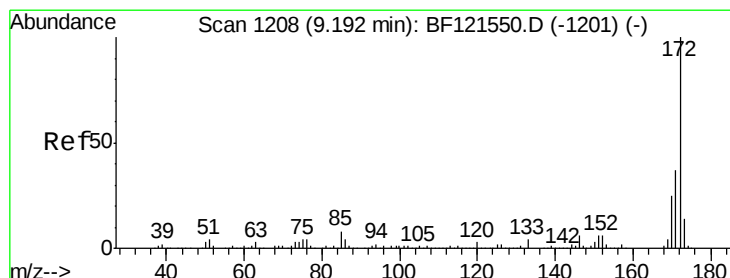
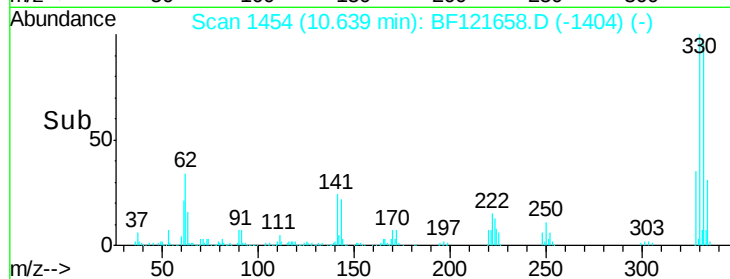
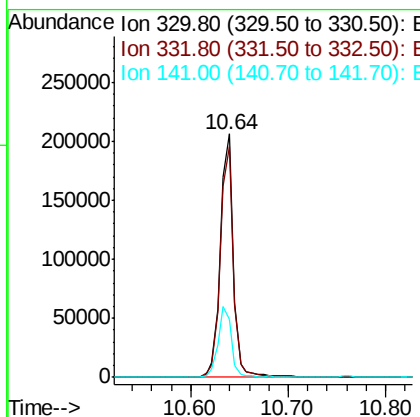
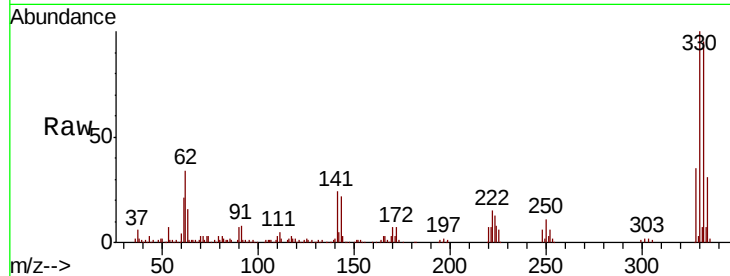




#42
 2,4,6-Tribromophenol
 Concen: 48.206 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121658.D
 Acq: 23 Sep 2020 00:29

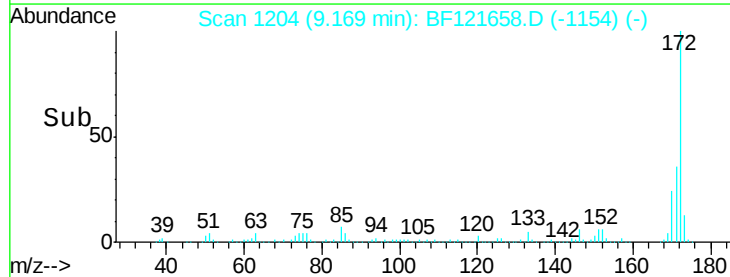
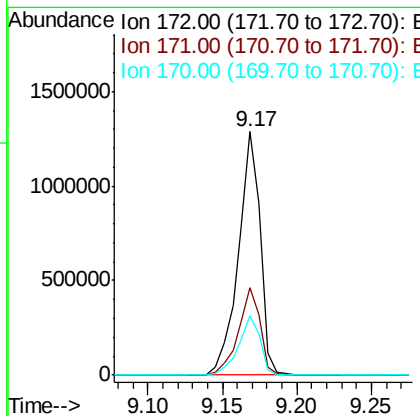
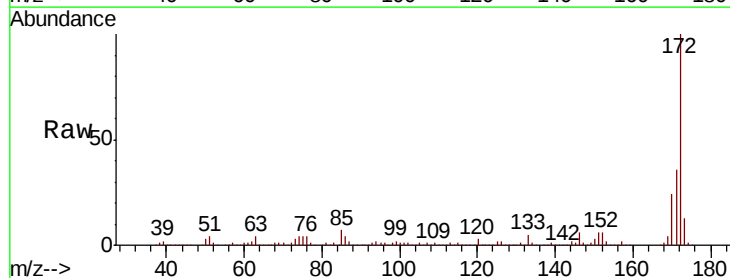
Instrument :
 BNA_F
 ClientSampleId :
 KTS-GW-01-30

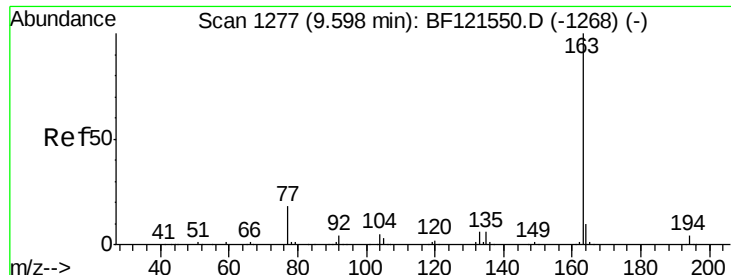
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	30.6	22.4	33.6



#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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	24.4	19.5	29.3

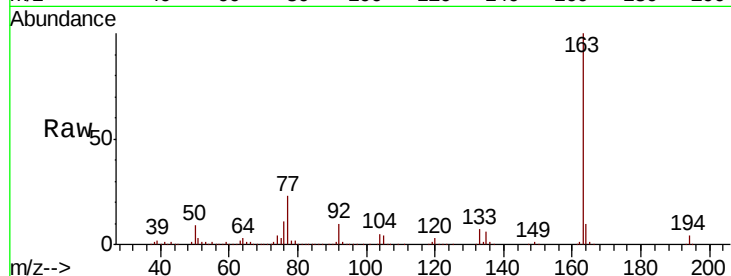




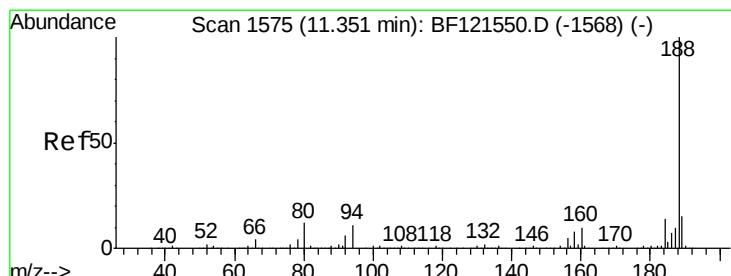
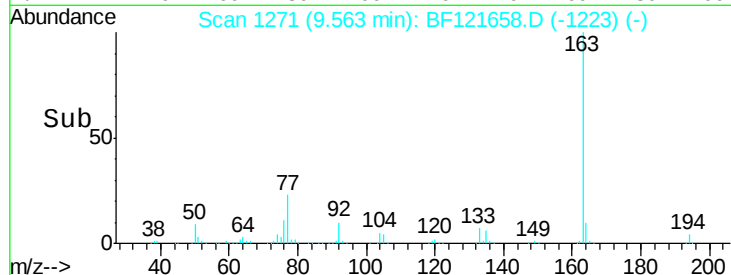
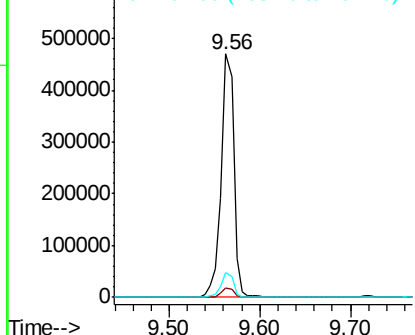
#50
Dimethylphthalate
Concen: 19.252 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121658.D
Acq: 23 Sep 2020 00:29

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

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

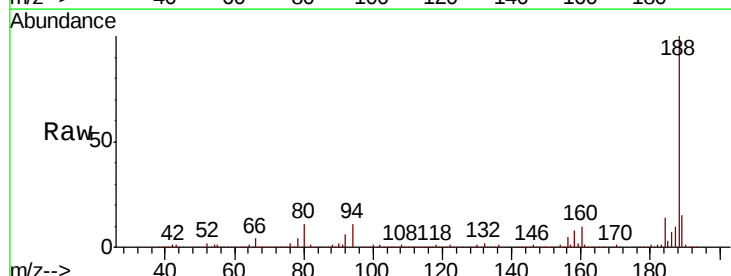


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

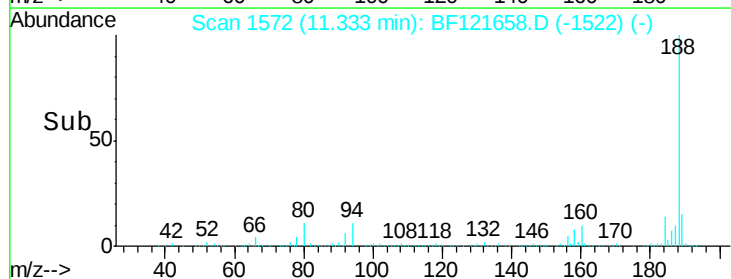
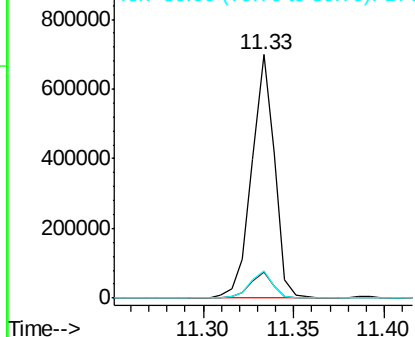


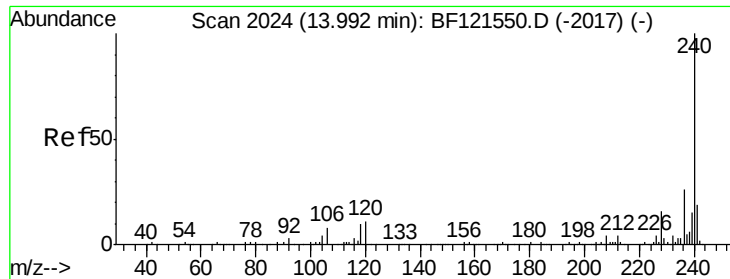
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF121658.D
Acq: 23 Sep 2020 00:29

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

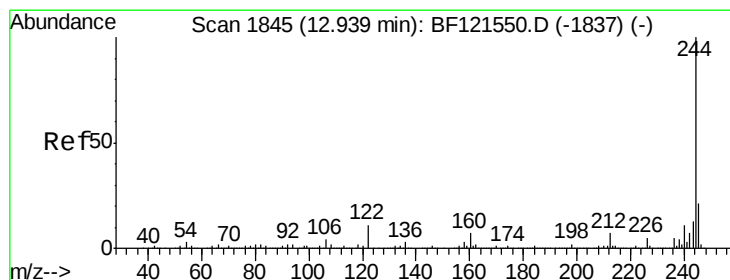
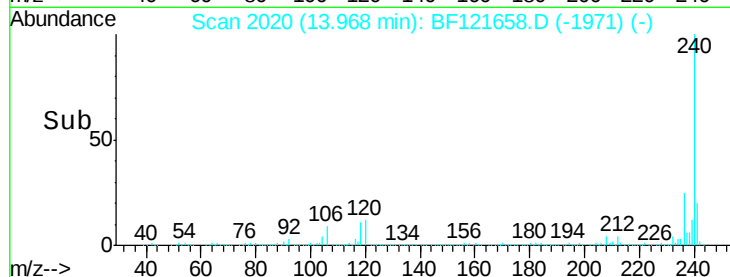
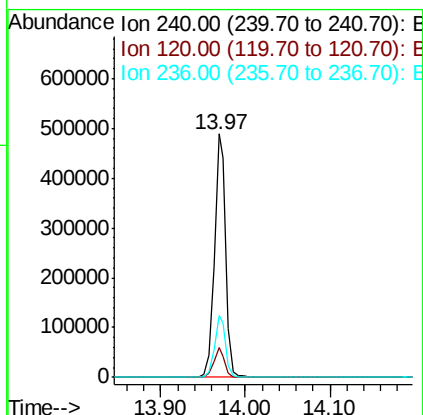
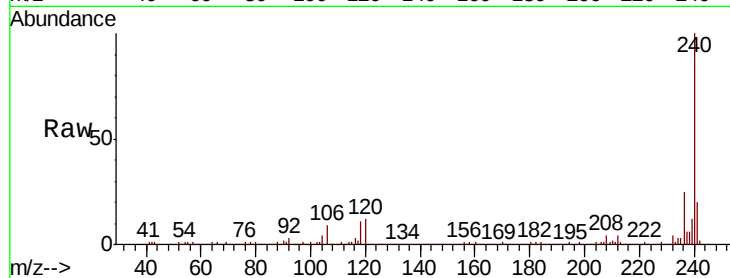




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121658.D
Acq: 23 Sep 2020 00:29

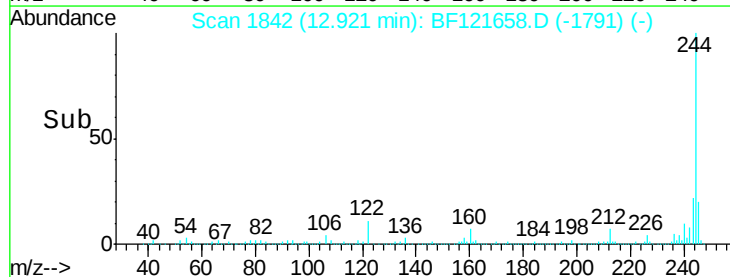
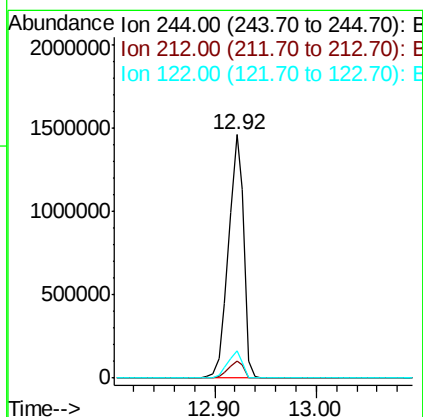
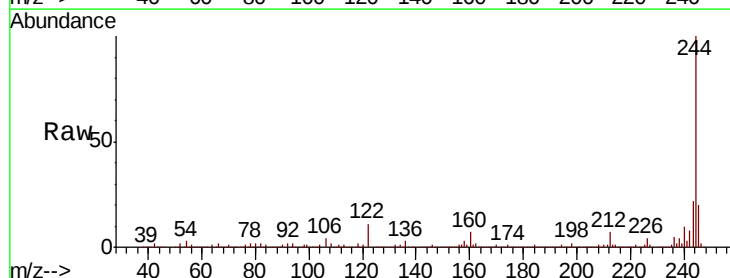
Instrument :
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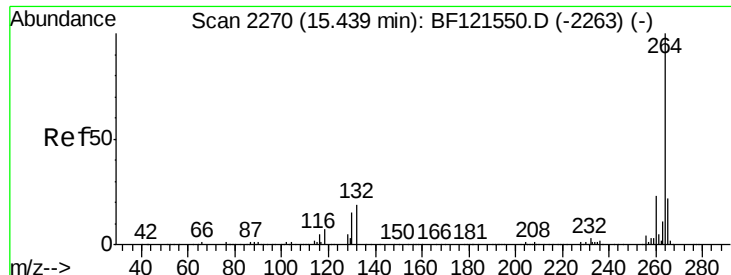
Tot Ion:240 Resp: 469923
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.3 20.4 30.6



#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

Tgt Ion:244 Resp: 1524627
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 11.1 7.4 11.0#

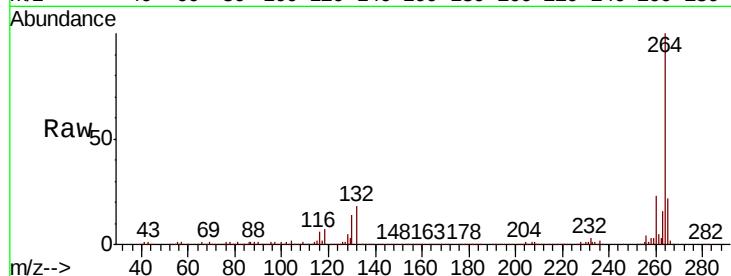




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF121658.D
Acq: 23 Sep 2020 00:29

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

Tot 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

