

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121629.D
 Acq On : 21 Sep 2020 16:33
 Operator : JU/CG
 Sample : L4093-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 21 17:08:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

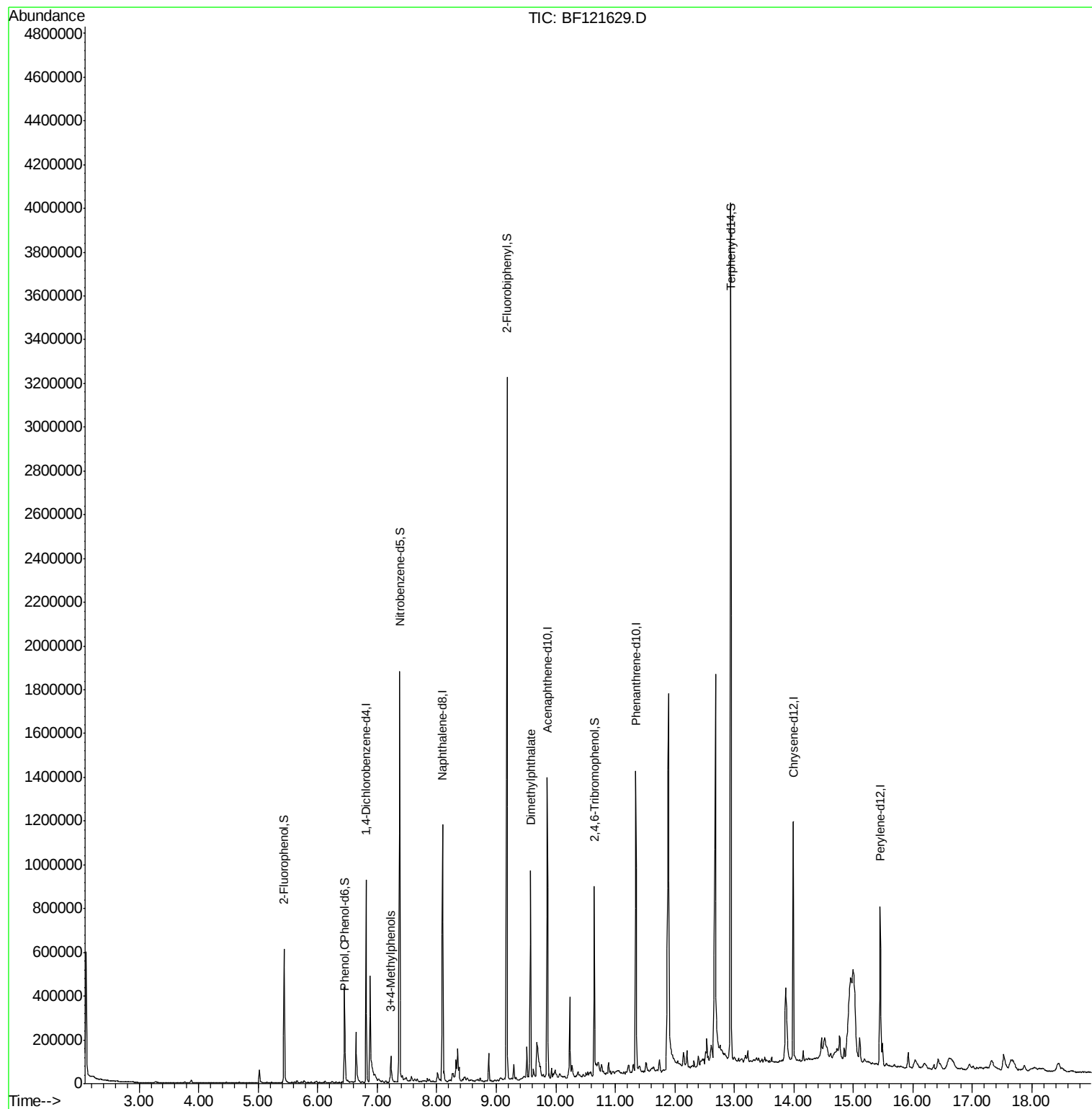
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	131359	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	518310	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	266864	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	499159	20.00	ng	0.00
76) Chrysene-d12	13.99	240	400758	20.00	ng	0.00
86) Perylene-d12	15.45	264	325237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	171673	19.42	ng	0.00
7) Phenol-d6	6.45	99	155108	13.38	ng	-0.02
23) Nitrobenzene-d5	7.38	82	698751	72.38	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	105477	31.80	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1126127	63.91	ng	0.00
79) Terphenyl-d14	12.94	244	1248565	63.12	ng	0.00
Target Compounds						
10) Phenol	6.46	94	28428	2.302	ng	# 76
20) 3+4-Methylphenols	7.23	107	32402	3.522	ng	# 52
50) Dimethylphthalate	9.57	163	366588	18.953	ng	99

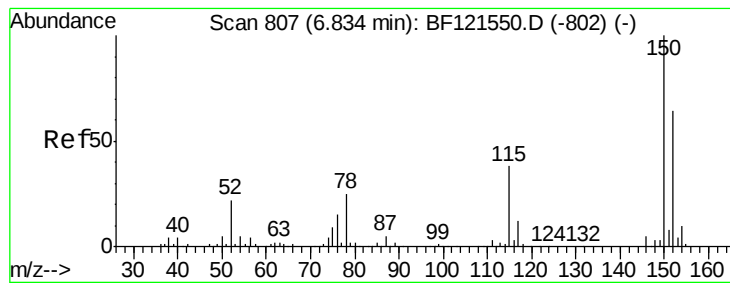
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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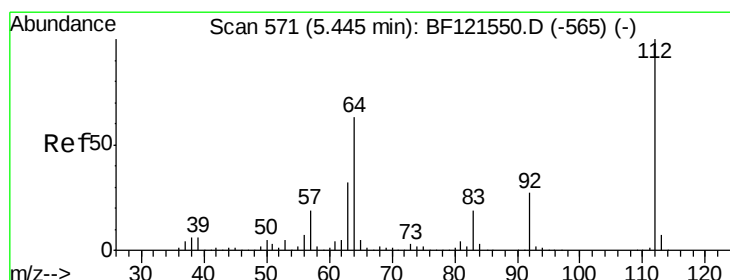
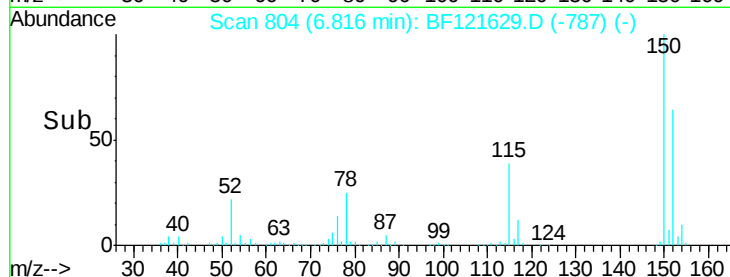
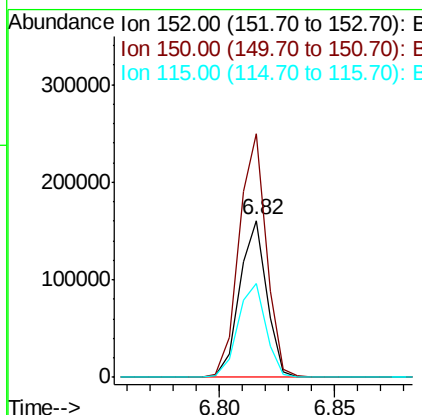
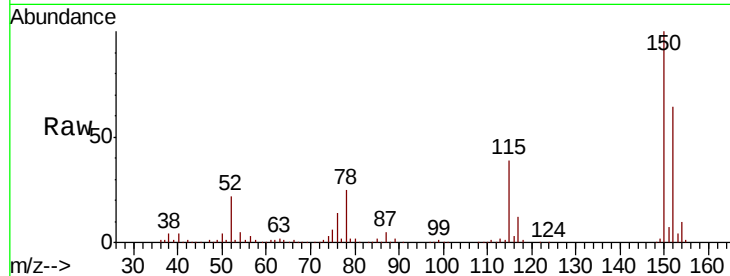


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121629.D
Acq: 21 Sep 2020 16:33

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

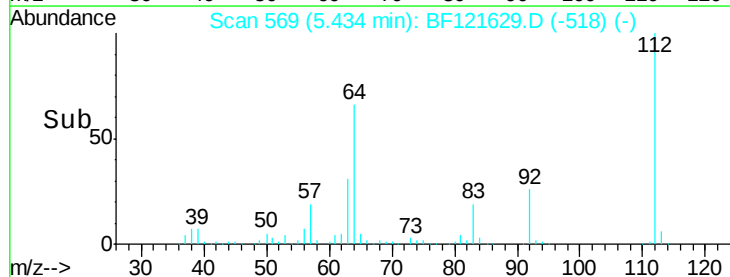
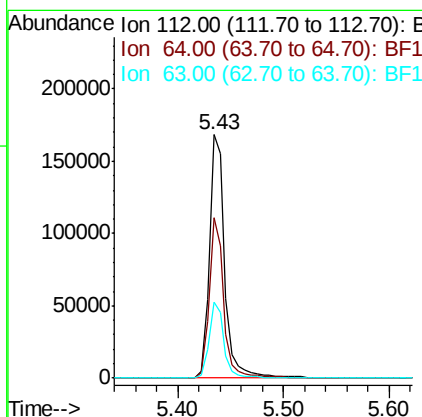
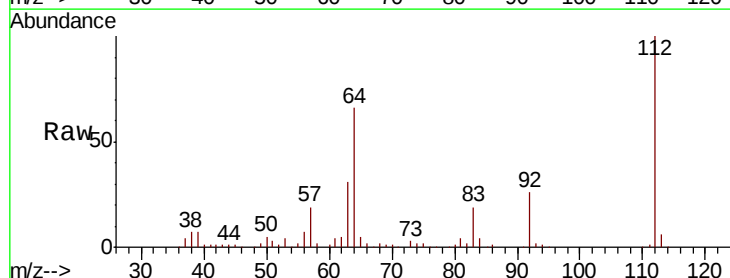
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	128.1	192.1
115	59.9	52.6	79.0

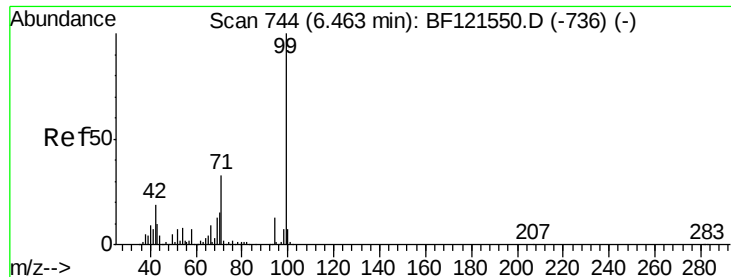


#5

2-Fluorophenol
Concen: 19.422 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF121629.D
Acq: 21 Sep 2020 16:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	52.2	78.2
63	31.3	26.6	39.8





#7

Phenol-d6

Concen: 13.376 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF121629.D

Acq: 21 Sep 2020 16:33

Instrument :

BNA_F

ClientSampleId :

KTS-GW-01-30

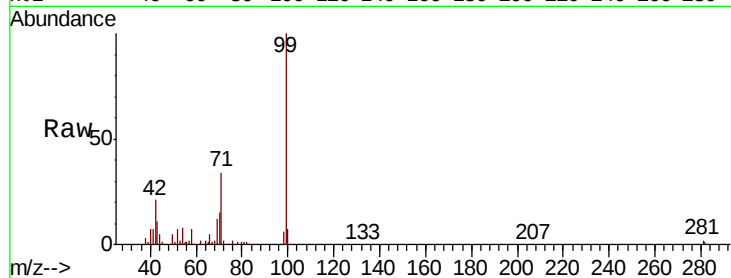
Tot Ion: 99 Resp: 155108

Ion Ratio Lower Upper

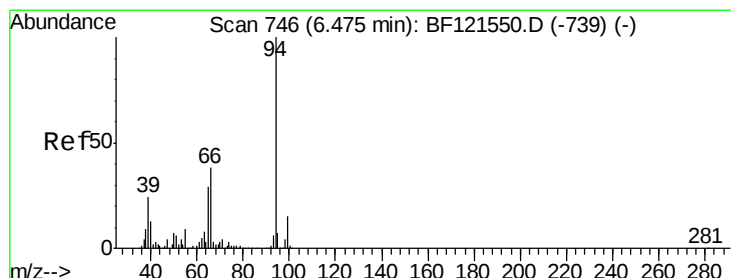
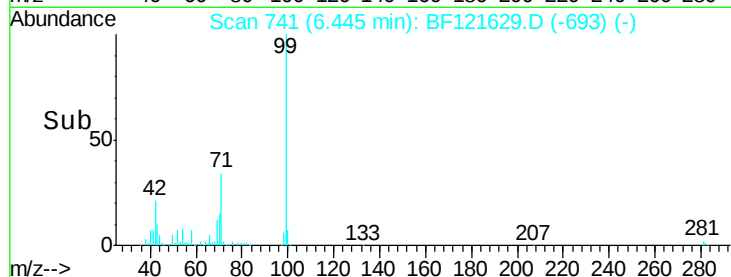
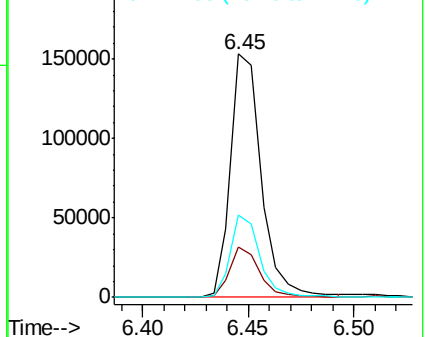
99 100

42 20.6 15.5 23.3

71 33.7 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: 2.302 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF121629.D

Acq: 21 Sep 2020 16:33

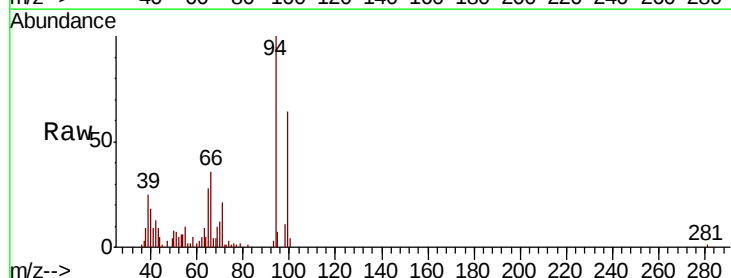
Tgt Ion: 94 Resp: 28428

Ion Ratio Lower Upper

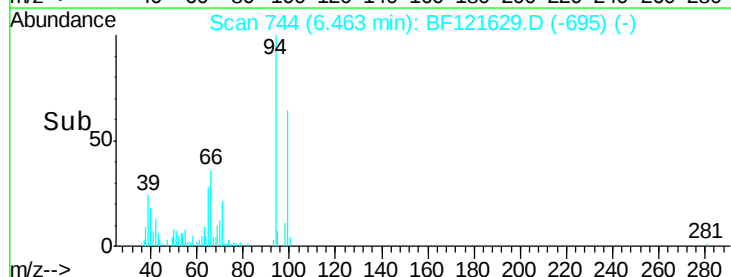
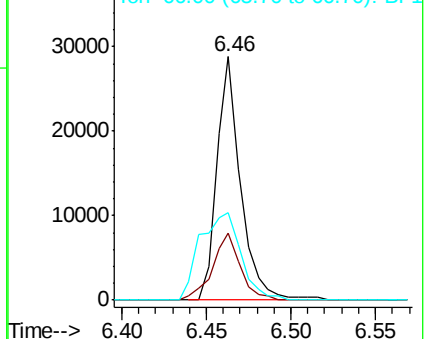
94 100

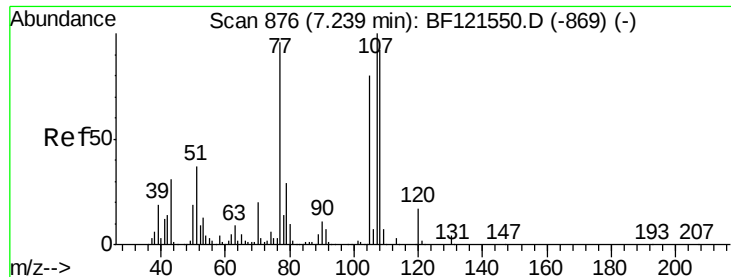
65 27.7 17.8 57.8

66 36.2 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: 3.522 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF121629.D

Acq: 21 Sep 2020 16:33

Instrument :

BNA_F

ClientSampleId :

KTS-GW-01-30

Tot Ion:107 Resp: 32402

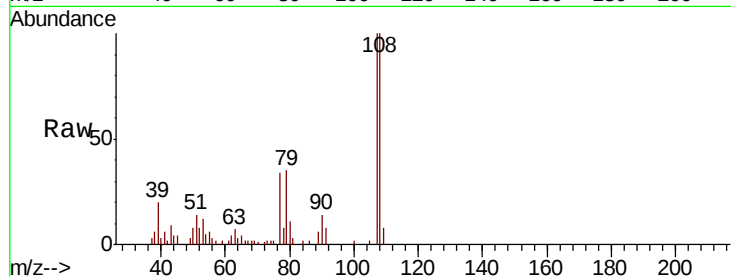
Ion Ratio Lower Upper

107 100

108 99.5 67.0 107.0

77 34.0 107.7 147.7#

79 35.0 10.3 50.3

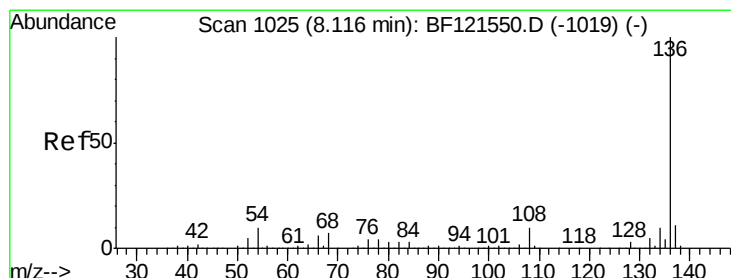
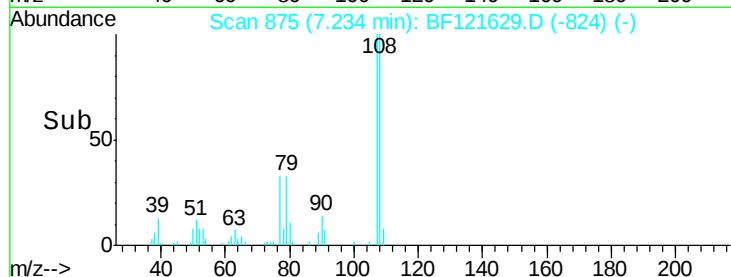
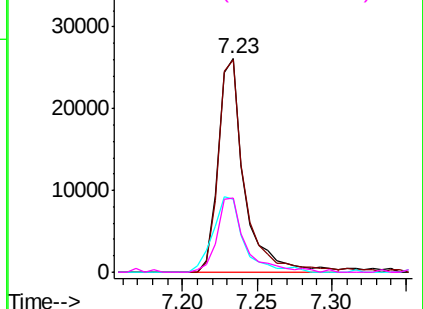


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121629.D

Acq: 21 Sep 2020 16:33

Tgt Ion:136 Resp: 518310

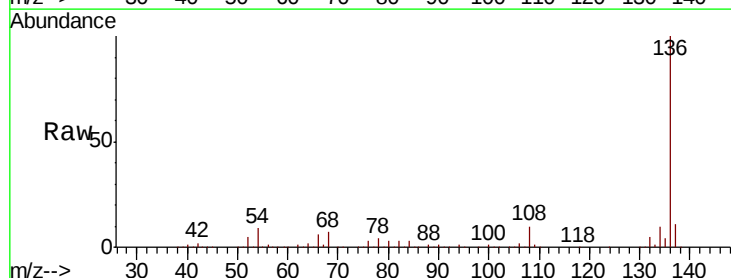
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.3 7.4 11.0

68 6.5 5.3 7.9

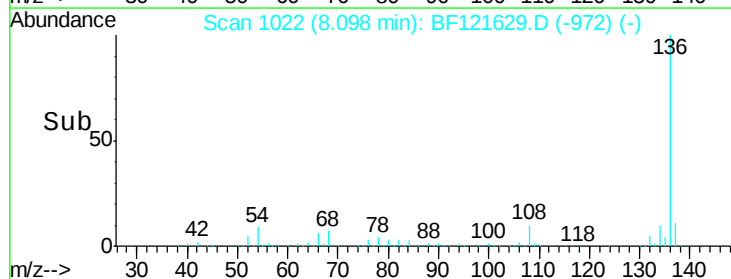
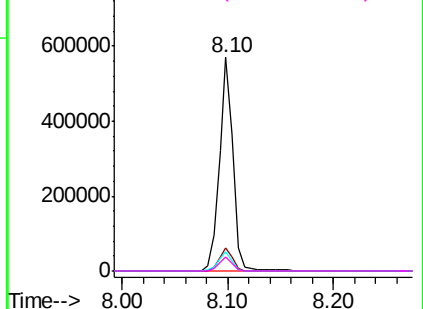


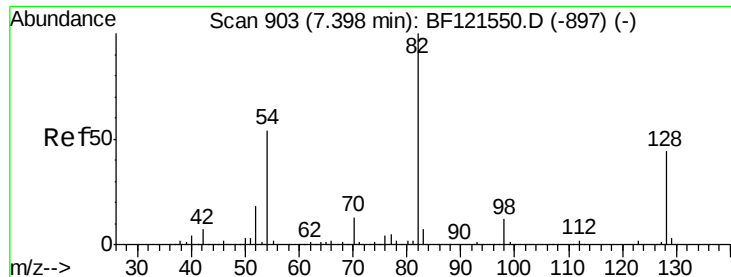
Abundance Ion 136.00 (135.70 to 136.70): E

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

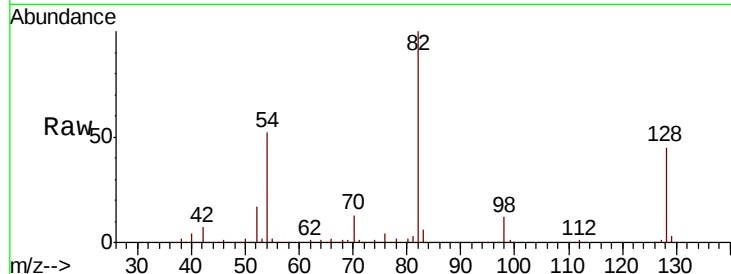




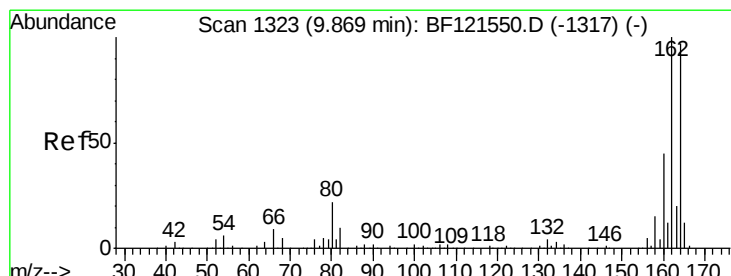
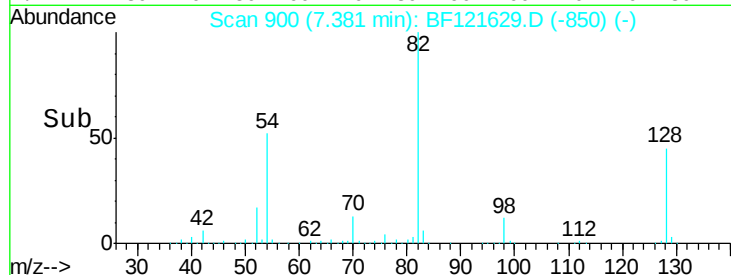
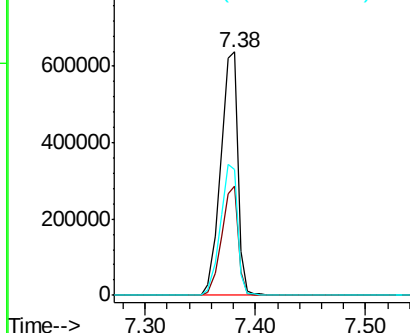
#23
 Nitrobenzene-d5
 Concen: 72.384 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121629.D
 Acq: 21 Sep 2020 16:33

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

Tot Ion: 82 Resp: 698751
 Ion Ratio Lower Upper
 82 100
 128 44.9 33.9 50.9
 54 51.8 42.9 64.3

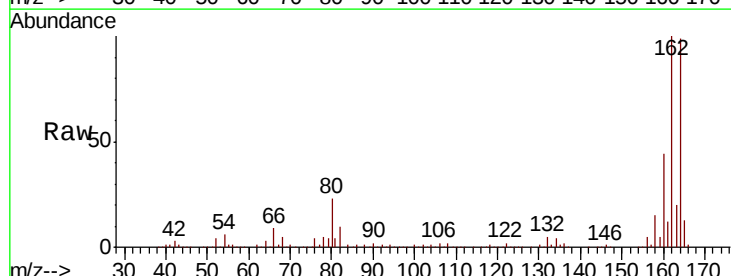


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

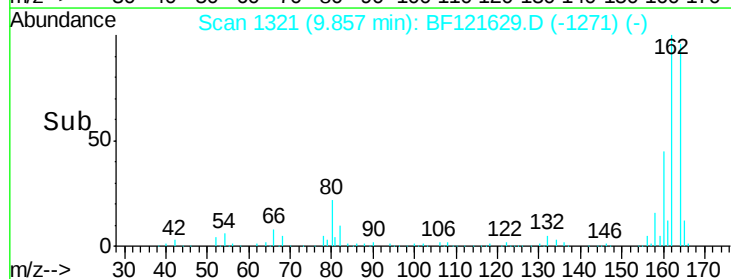
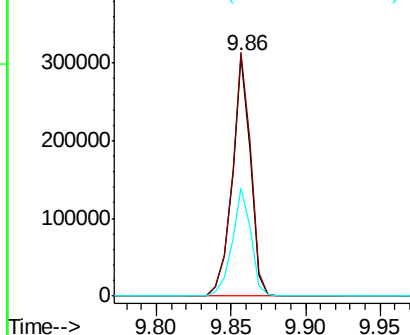


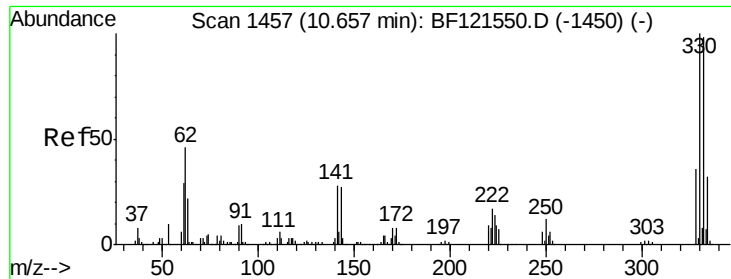
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF121629.D
 Acq: 21 Sep 2020 16:33

Tgt Ion: 164 Resp: 266864
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.2 121.8
 160 45.1 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

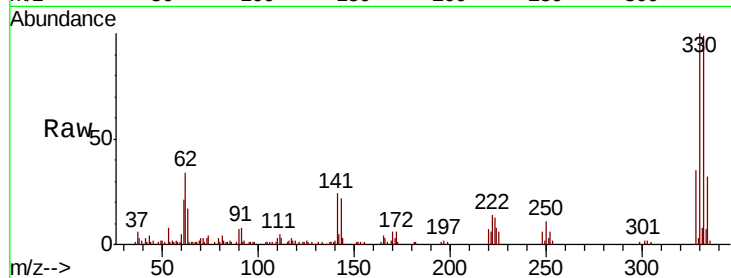




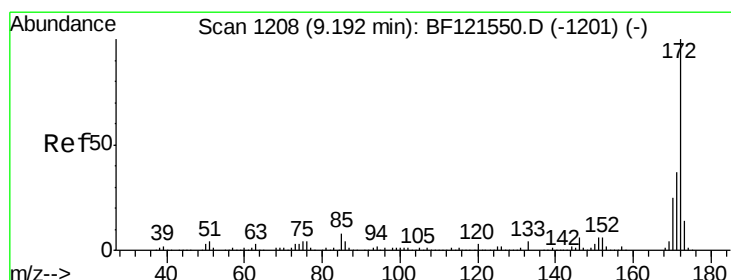
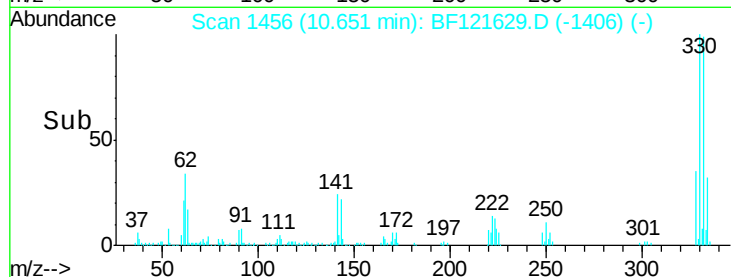
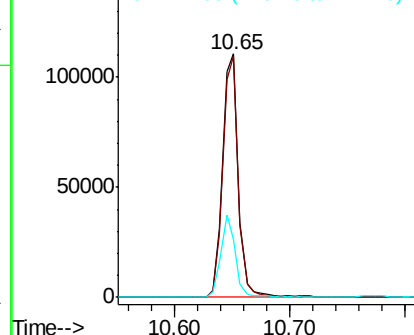
#42
 2,4,6-Tribromophenol
 Concen: 31.801 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF121629.D
 Acq: 21 Sep 2020 16:33

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	30.8	22.4	33.6

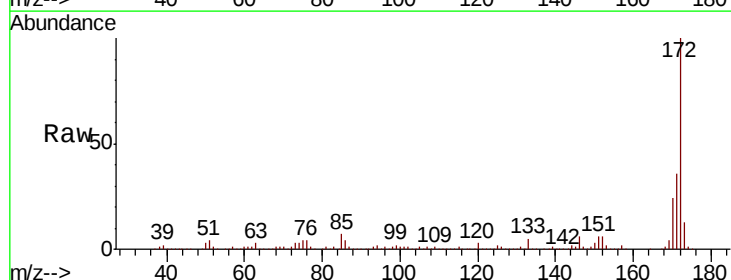


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

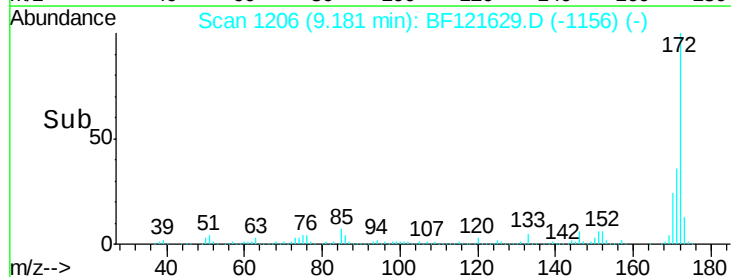
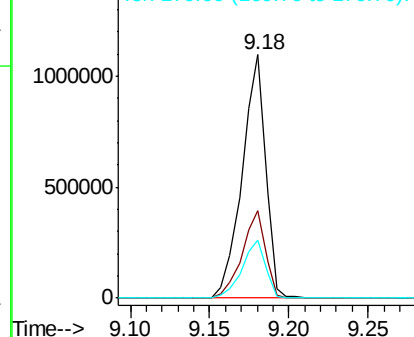


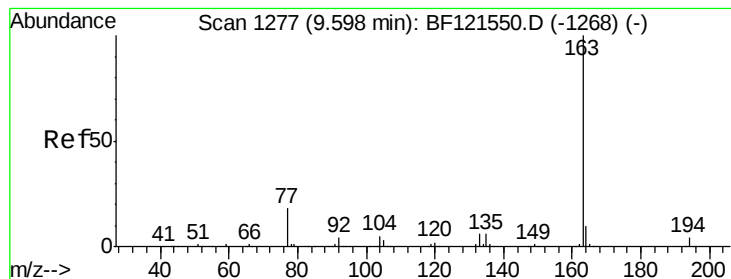
#45
 2-Fluorobiphenyl
 Concen: 63.911 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121629.D
 Acq: 21 Sep 2020 16:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	23.8	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: 18.953 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF121629.D

Acq: 21 Sep 2020 16:33

Instrument :

BNA_F

ClientSampleId :

KTS-GW-01-30

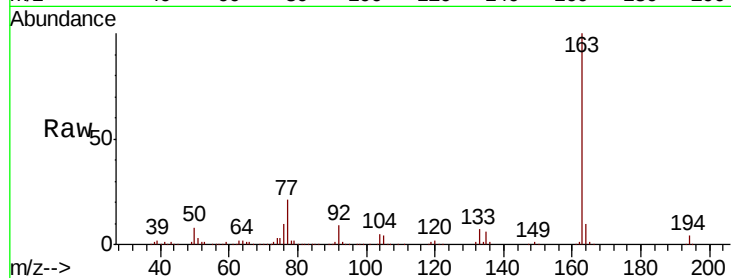
Tot Ion:163 Resp: 366588

Ion Ratio Lower Upper

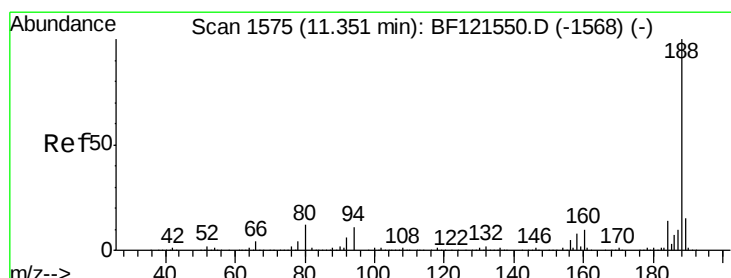
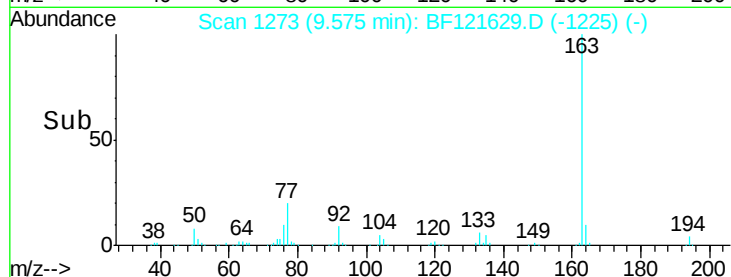
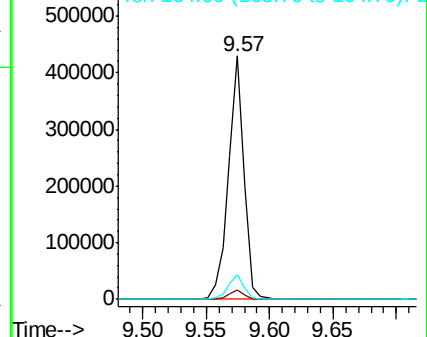
163 100

194 3.8 3.3 4.9

164 10.2 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: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121629.D

Acq: 21 Sep 2020 16:33

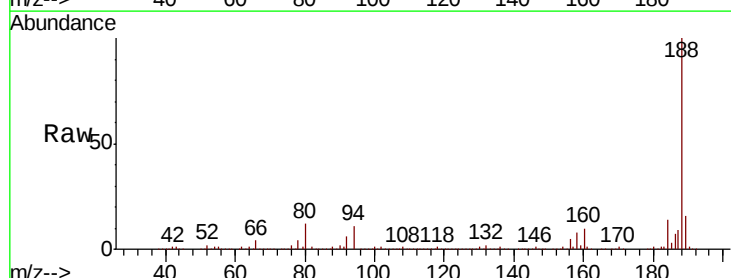
Tgt Ion:188 Resp: 499159

Ion Ratio Lower Upper

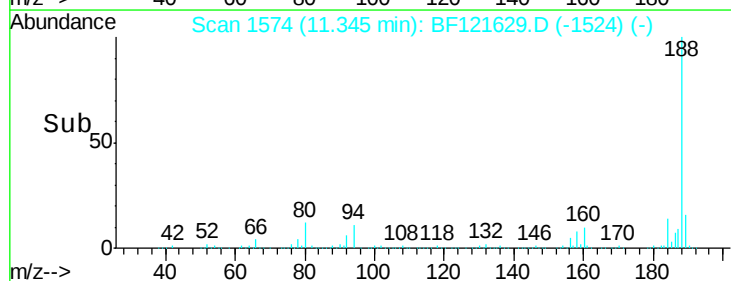
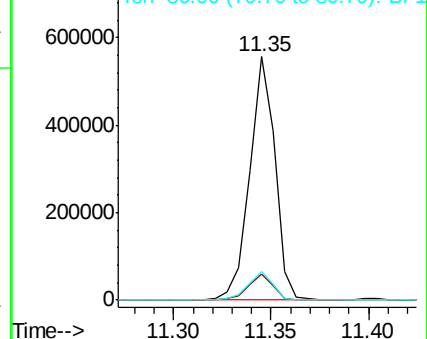
188 100

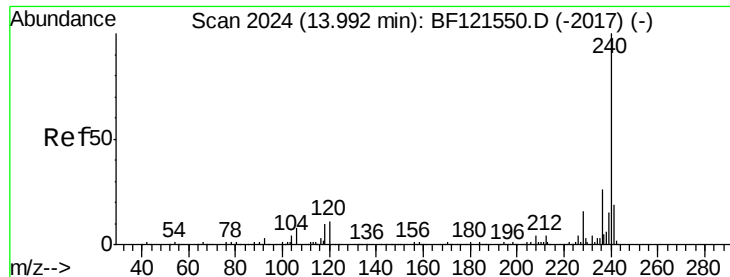
94 10.6 8.4 12.6

80 11.7 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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF121629.D

Acq: 21 Sep 2020 16:33

Instrument :

BNA_F

ClientSampleId :

KTS-GW-01-30

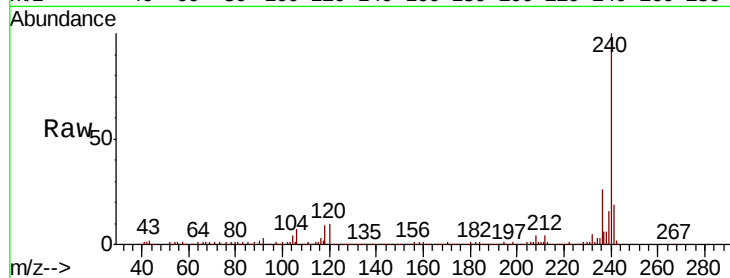
Tot Ion:240 Resp: 400758

Ion Ratio Lower Upper

240 100

120 10.5 9.2 13.8

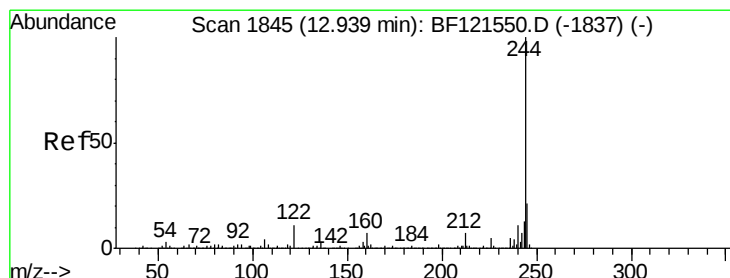
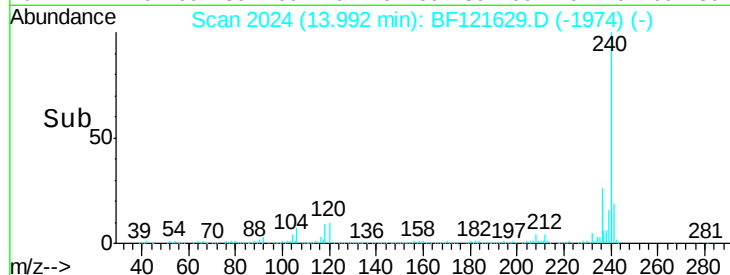
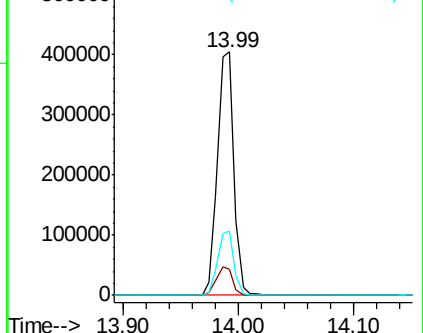
236 26.2 20.4 30.6



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: 63.117 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF121629.D

Acq: 21 Sep 2020 16:33

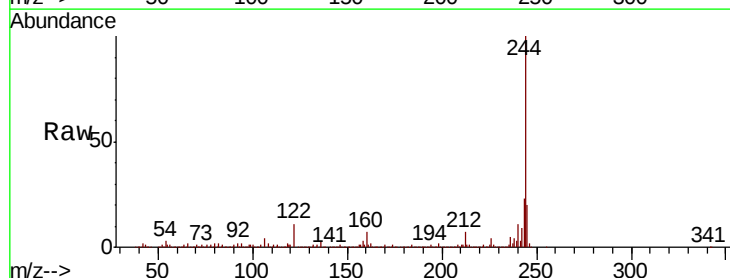
Tgt Ion:244 Resp: 1248565

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

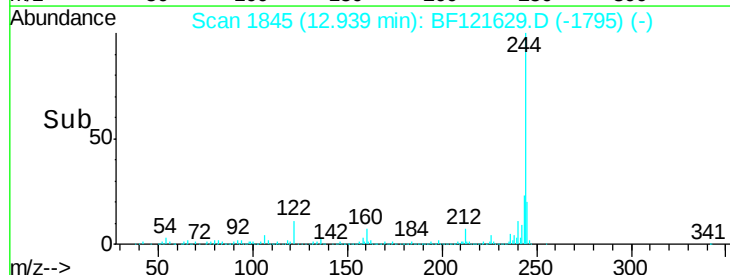
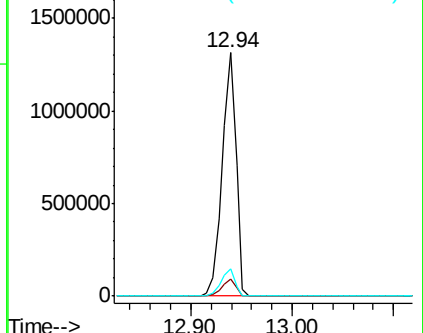
122 11.0 7.4 11.0

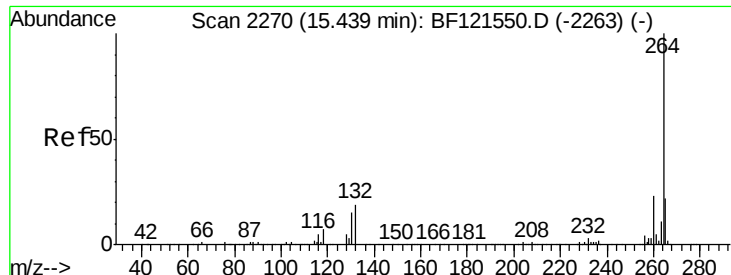


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

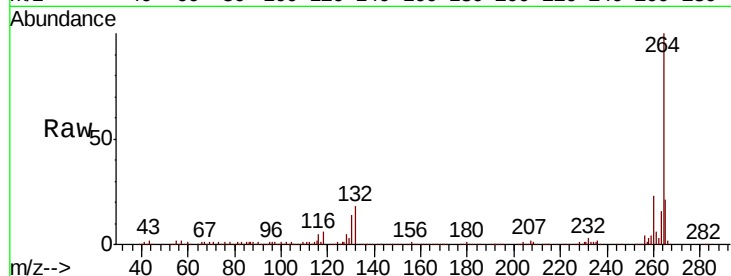




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF121629.D
 Acq: 21 Sep 2020 16:33

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.3	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

