

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121630.D
 Acq On : 21 Sep 2020 17:04
 Operator : JU/CG
 Sample : L4094-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KTS-WC-L-01

Quant Time: Sep 21 18:58:19 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	148382	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	592348	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	302516	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	559396	20.00	ng	0.00
76) Chrysene-d12	13.99	240	455054	20.00	ng	0.00
86) Perylene-d12	15.45	264	364376	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	443285	44.40	ng	0.00
7) Phenol-d6	6.45	99	358703	27.38	ng	-0.02
23) Nitrobenzene-d5	7.38	82	845660	76.65	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	331308	88.12	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1355406	67.86	ng	0.00
79) Terphenyl-d14	12.94	244	1576153	70.17	ng	0.00

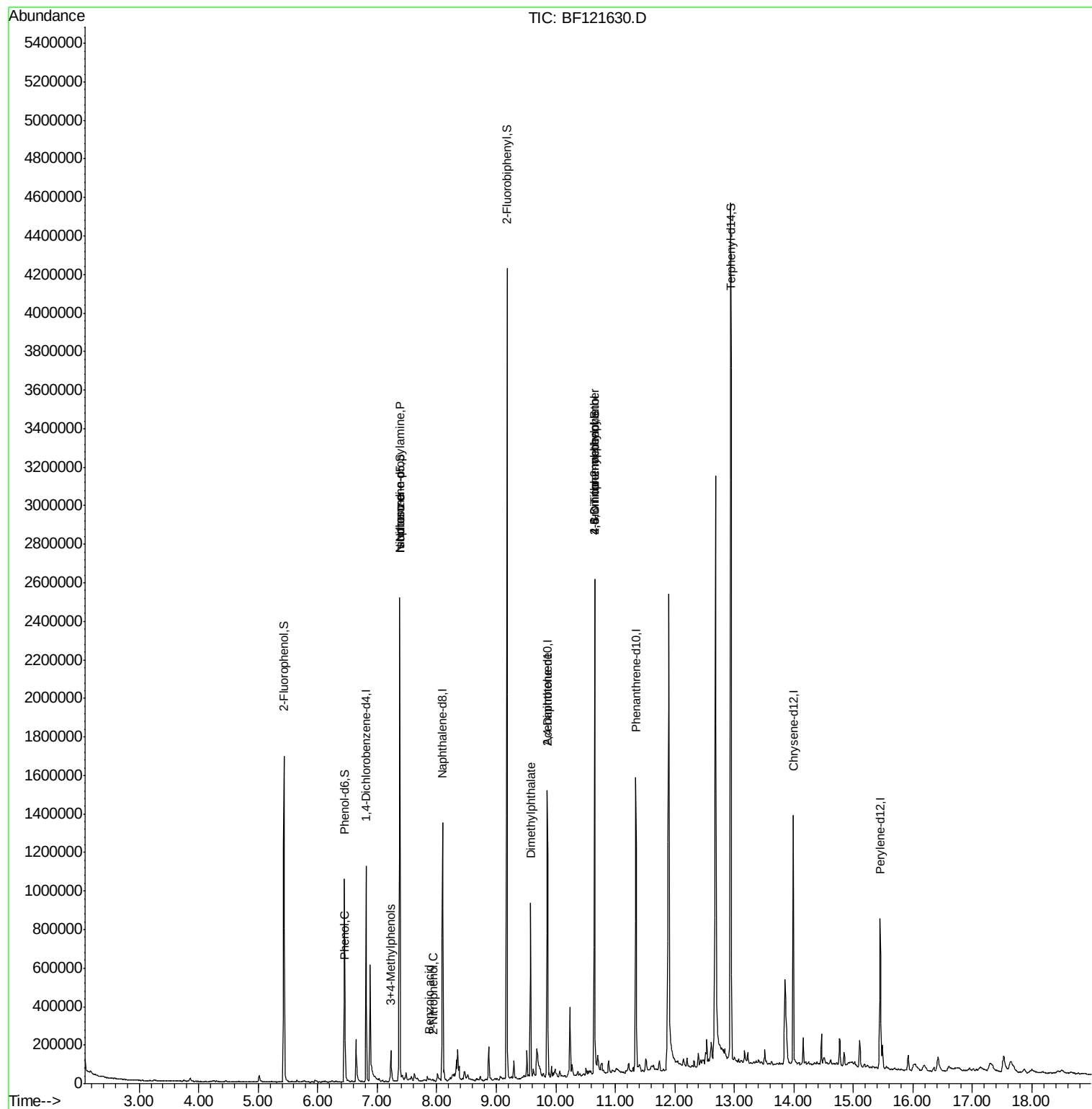
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.46	94	46705	3.348	ng	78
19) n-Nitroso-di-n-propylamine	7.38	70	118466	15.692	ng	# 80
20) 3+4-Methylphenols	7.23	107	40312	3.879	ng	# 52
25) Isophorone	7.38	82	839888	37.819	ng	# 67
26) 2-Nitrophenol	7.94	139	111	2.578	ng	# 33
32) Benzoic acid	7.88	122	1749	7.138	ng	# 71
50) Dimethylphthalate	9.57	163	324437	14.797	ng	100
57) 2,4-Dinitrotoluene	9.86	165	39797	6.775	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.65	198	635	7.011	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	19705	3.094	ng	# 1

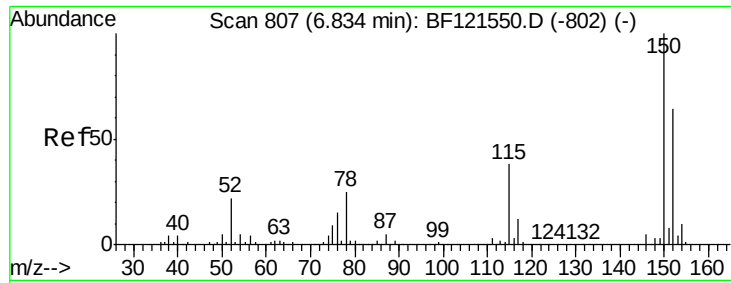
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121630.D
Acq On : 21 Sep 2020 17:04
Operator : JU/CG
Sample : L4094-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KTS-WC-L-01

Quant Time: Sep 21 18:58:19 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



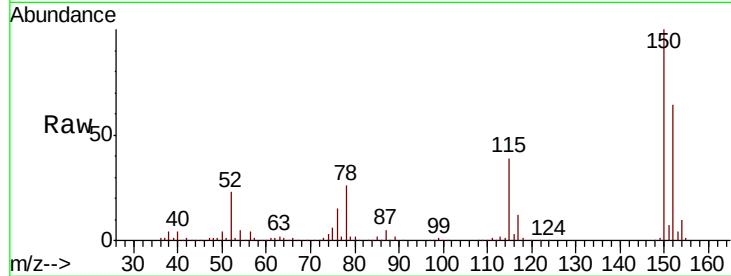


#1

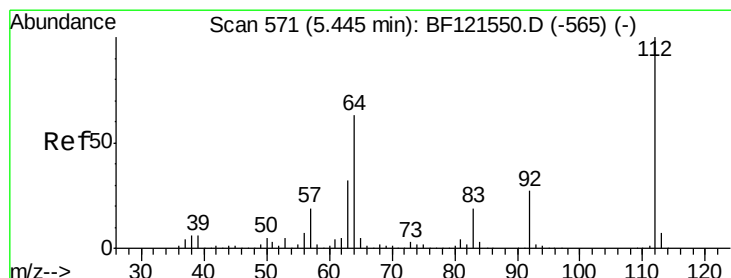
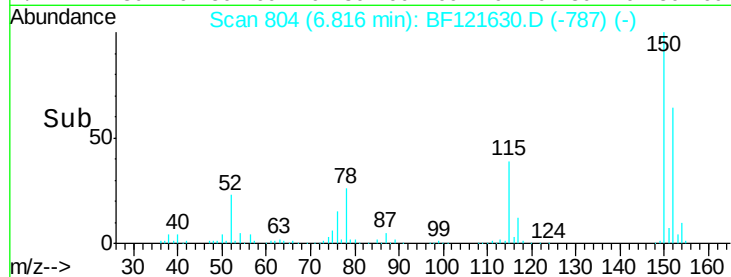
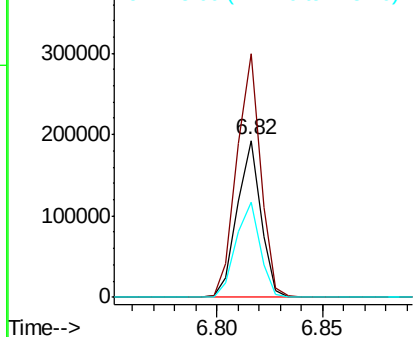
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

Instrument :
BNA_F
ClientSampleId :
KTS-WC-L-01

Tot Ion:152 Resp: 148382
Ion Ratio Lower Upper
152 100
150 155.5 128.1 192.1
115 60.5 52.6 79.0



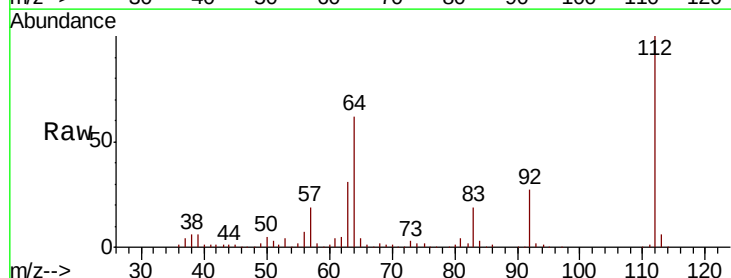
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



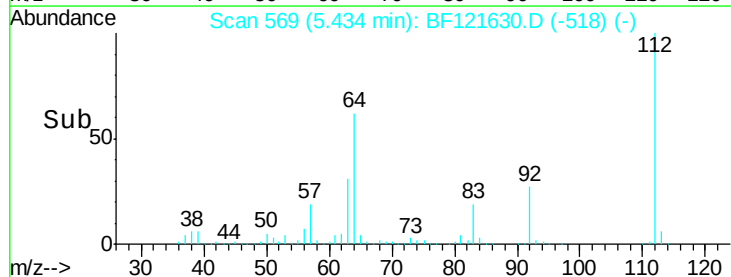
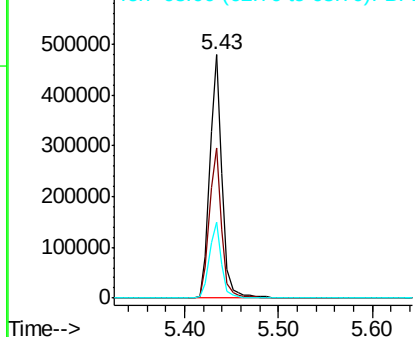
#5

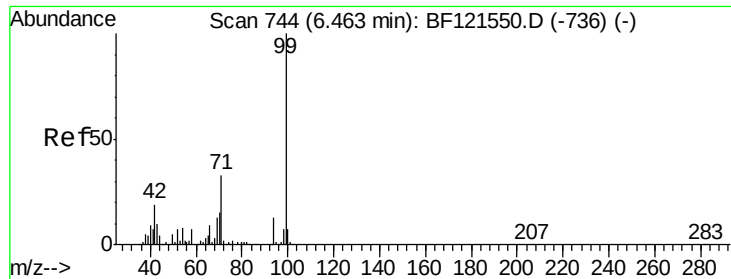
2-Fluorophenol
Concen: 44.397 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

Tgt Ion:112 Resp: 443285
Ion Ratio Lower Upper
112 100
64 61.7 52.2 78.2
63 31.1 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: 27.384 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

Instrument :

BNA_F

ClientSampleId :

KTS-WC-L-01

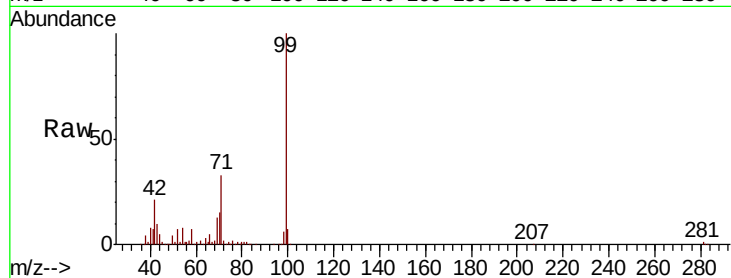
Tot Ion: 99 Resp: 358703

Ion Ratio Lower Upper

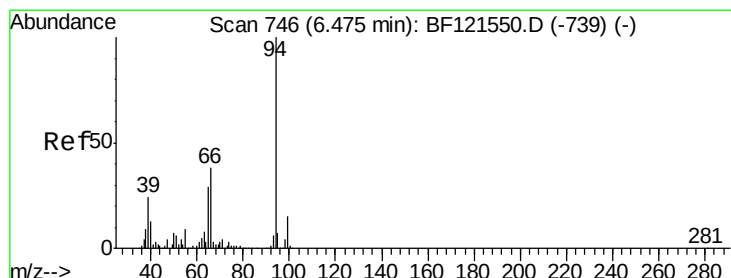
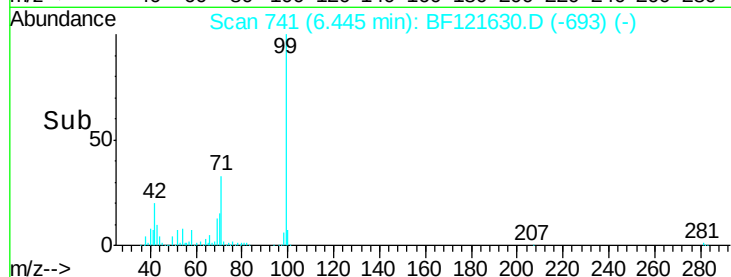
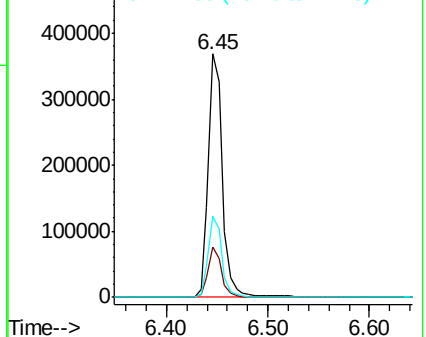
99 100

42 20.5 15.5 23.3

71 33.3 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: 3.348 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

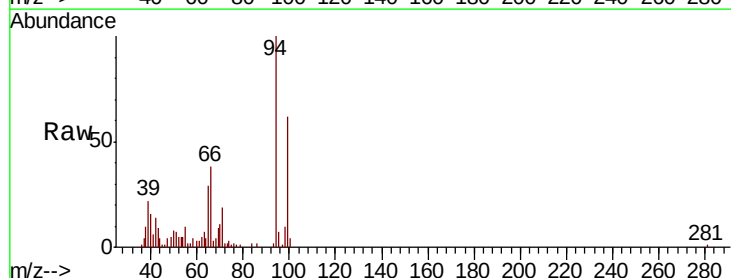
Tgt Ion: 94 Resp: 46705

Ion Ratio Lower Upper

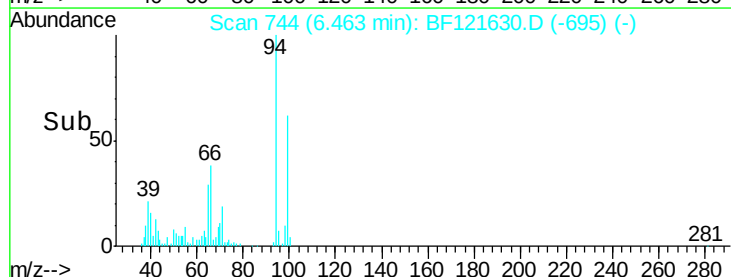
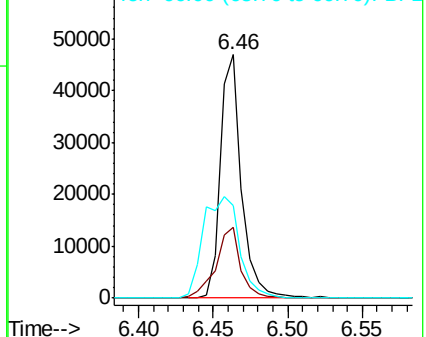
94 100

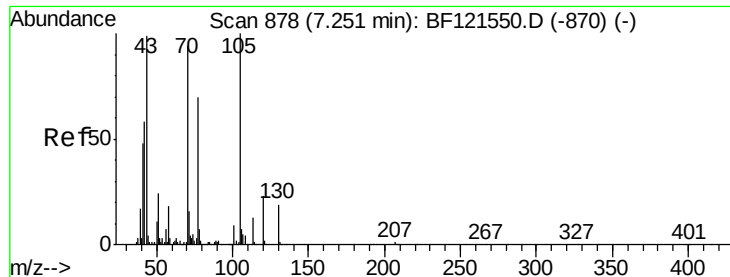
65 29.1 17.8 57.8

66 37.9 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

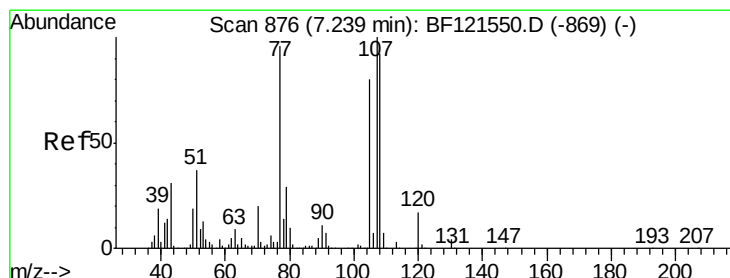
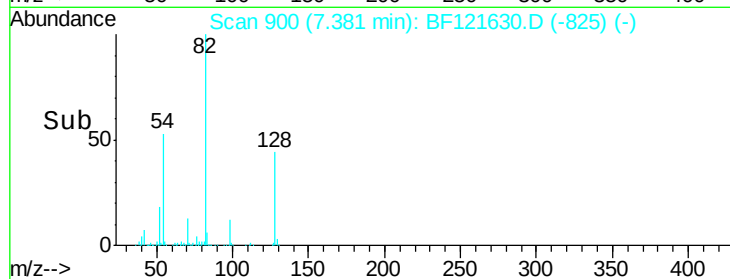
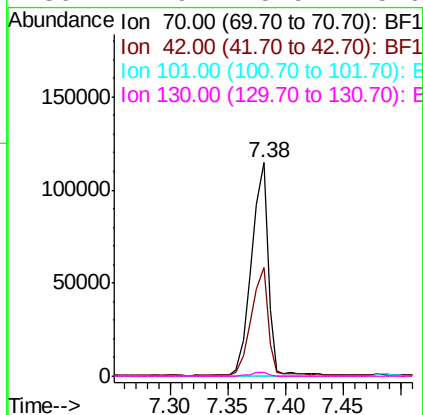
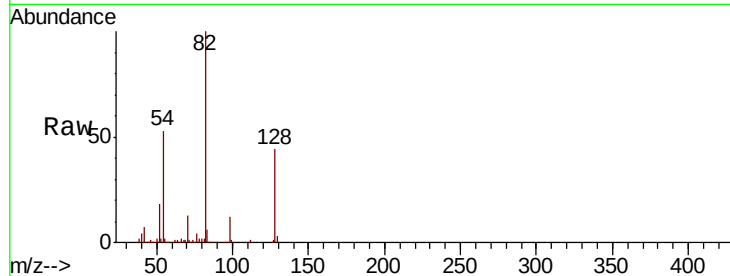




#19
n-Nitroso-di-n-propylamine
Concen: 15.692 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

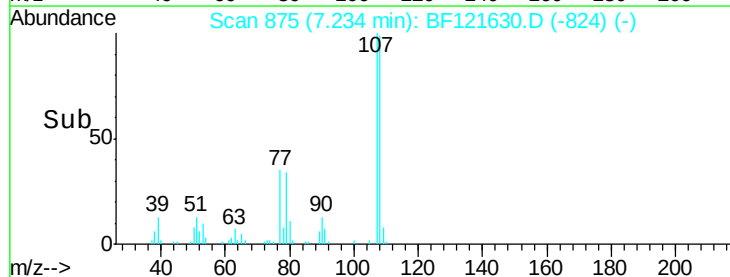
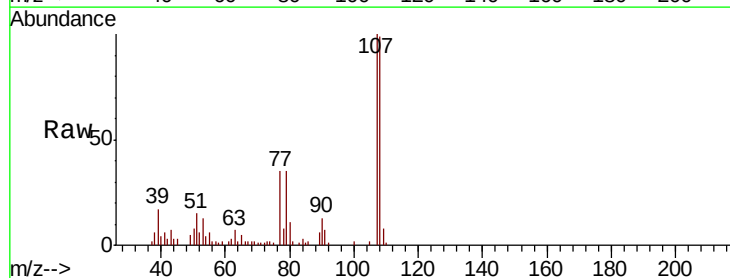
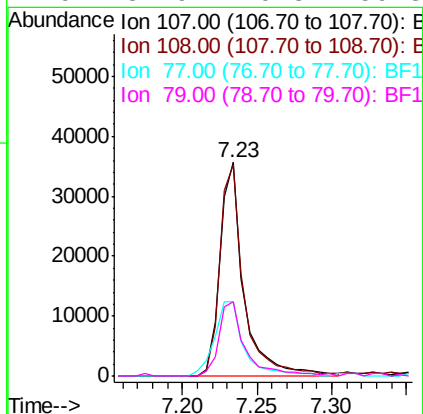
Instrument :
BNA_F
ClientSampleId :
KTS-WC-L-01

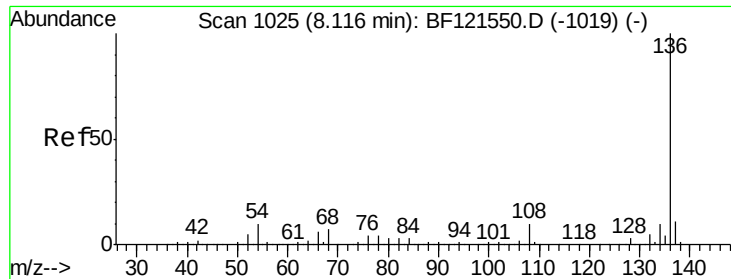
Tot Ion: 70 Resp: 118466
Ion Ratio Lower Upper
70 100
42 51.0 48.3 72.5
101 0.0 7.6 11.4#
130 1.9 15.9 23.9#



#20
3+4-Methylphenols
Concen: 3.879 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

Tgt Ion: 107 Resp: 40312
Ion Ratio Lower Upper
107 100
108 98.9 67.0 107.0
77 34.7 107.7 147.7#
79 34.9 10.3 50.3

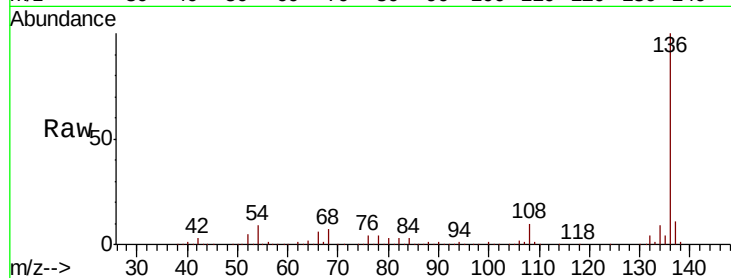




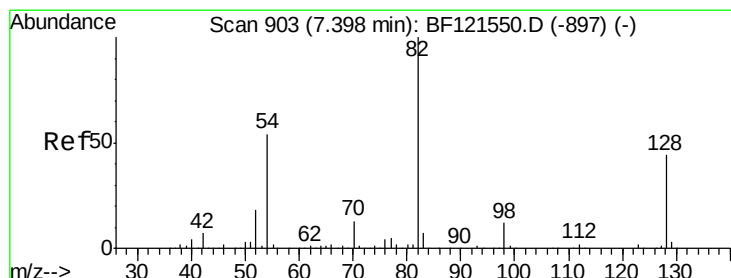
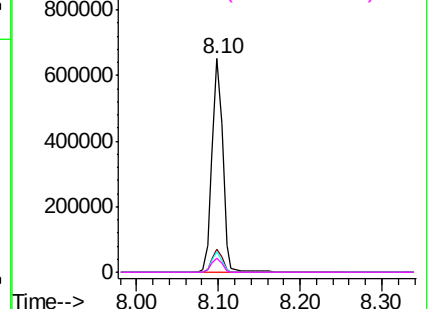
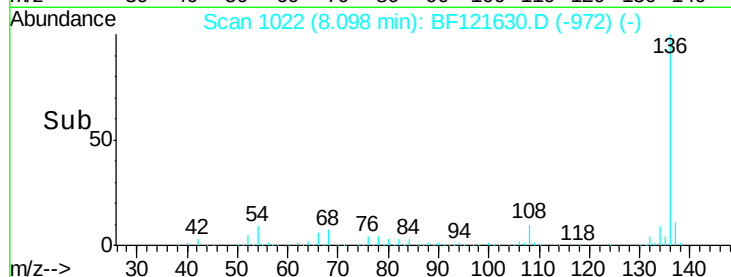
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

Instrument :
BNA_F
ClientSampleId :
KTS-WC-L-01

Tot Ion:136	Resp:	592348
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	9.4	7.4 11.0
68	6.8	5.3 7.9

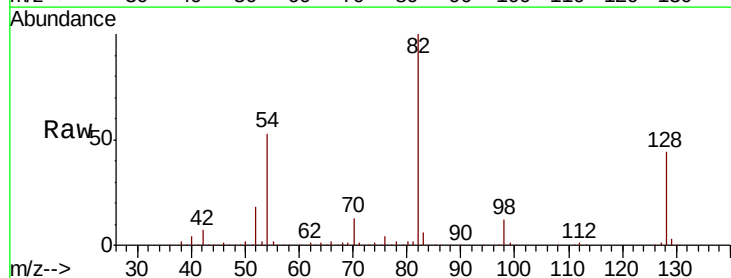


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

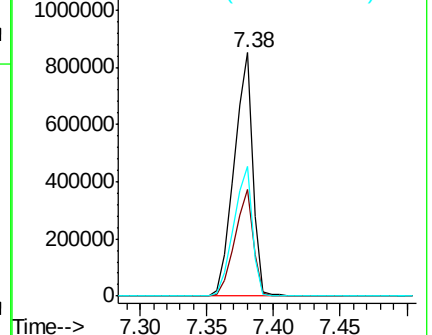
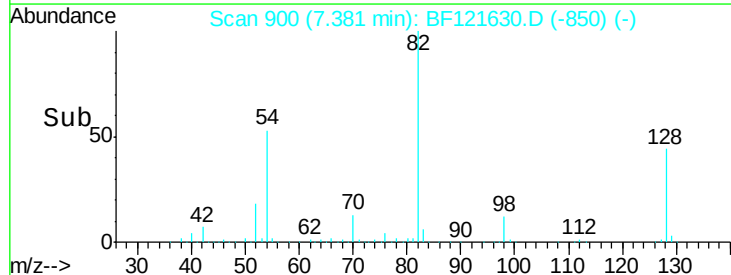


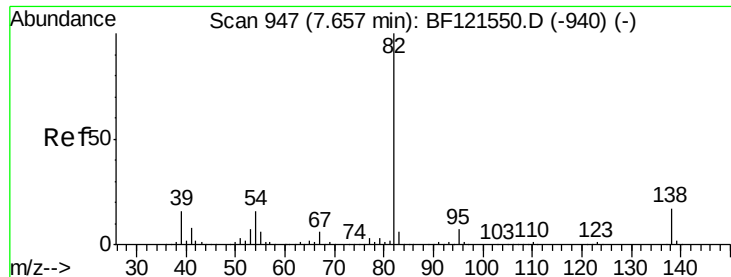
#23
Nitrobenzene-d5
Concen: 76.653 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

Tgt Ion: 82	Resp:	845660
Ion	Ratio	Lower Upper
82	100	
128	43.7	33.9 50.9
54	53.0	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: 37.819 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

Instrument :

BNA_F

ClientSampleId :

KTS-WC-L-01

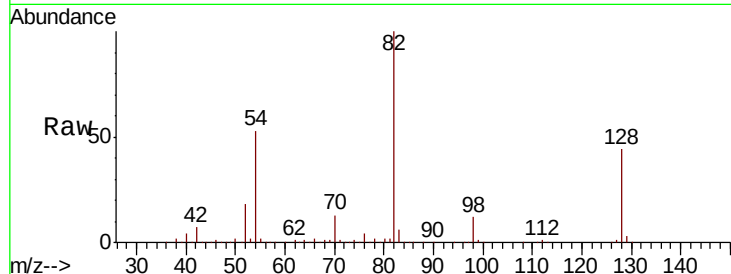
Tot Ion: 82 Resp: 839888

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

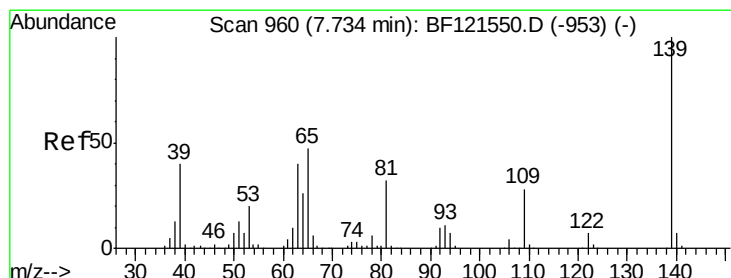
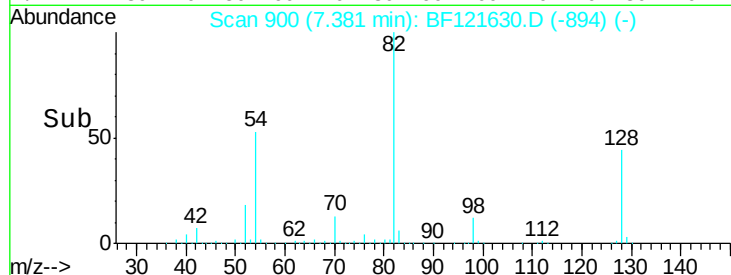
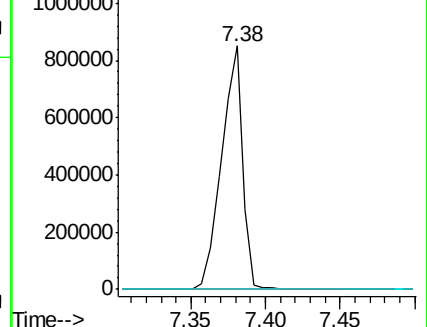
138 0.0 13.2 19.8#



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



#26

2-Nitrophenol

Concen: 2.578 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.22 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

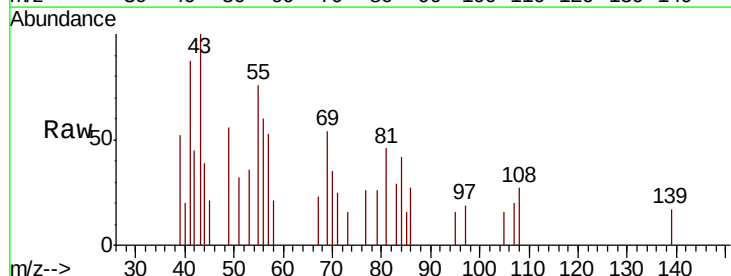
Tgt Ion: 139 Resp: 111

Ion Ratio Lower Upper

139 100

109 0.0 23.4 35.2#

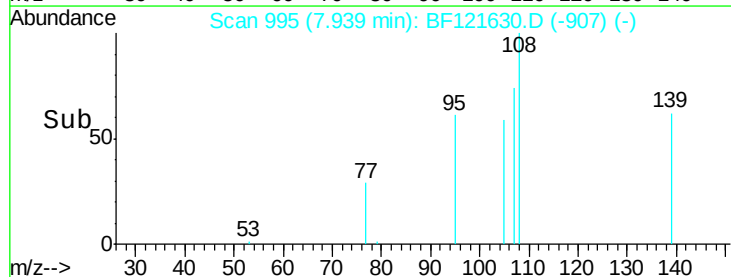
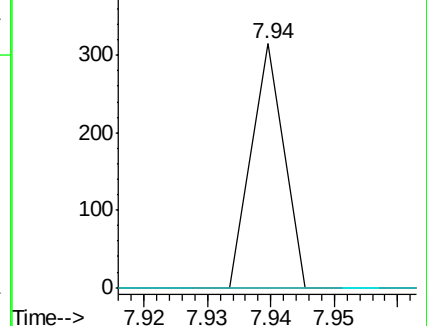
65 0.0 41.0 61.4#

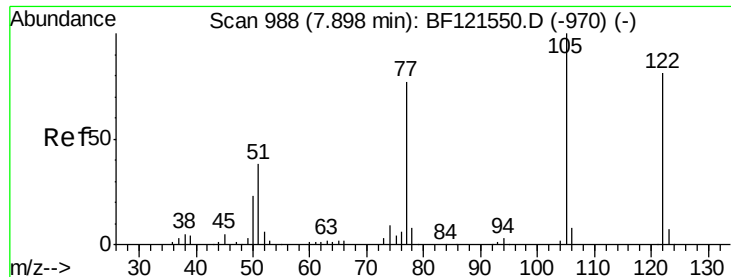


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#32

Benzoic acid

Concen: 7.138 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

Instrument :

BNA_F

ClientSampleId :

KTS-WC-L-01

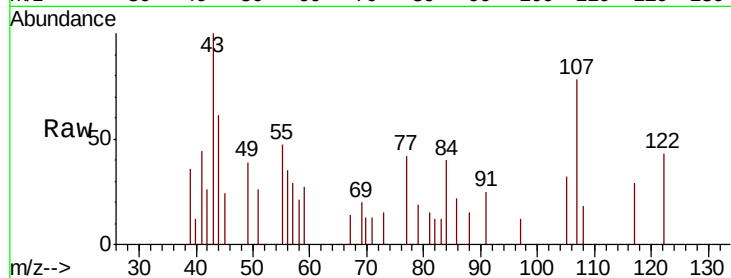
Tot Ion:122 Resp: 1749

Ion Ratio Lower Upper

122 100

105 75.0 101.9 141.9#

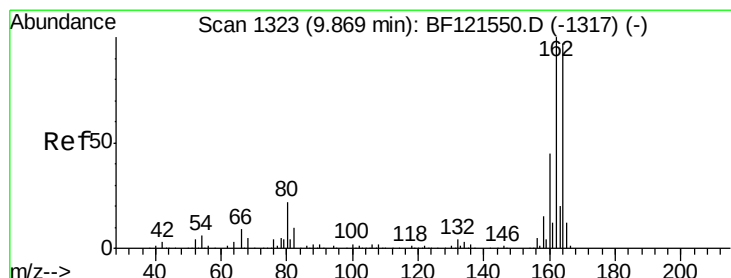
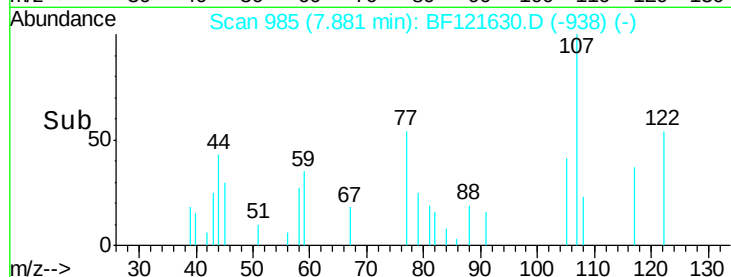
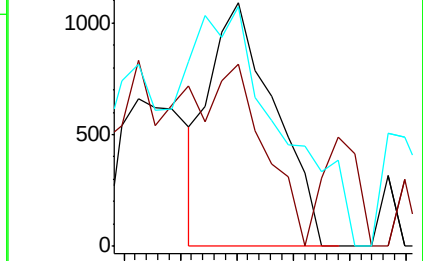
77 98.7 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

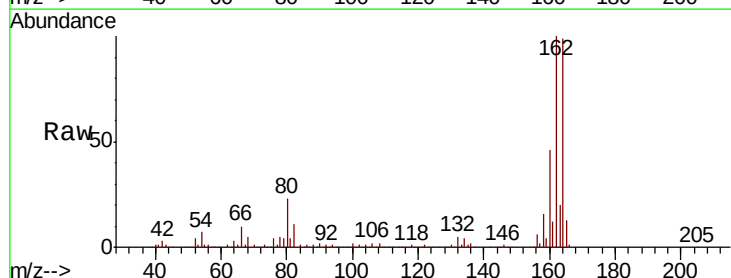
Tgt Ion:164 Resp: 302516

Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

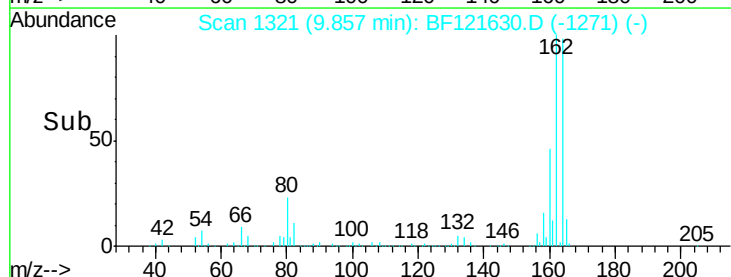
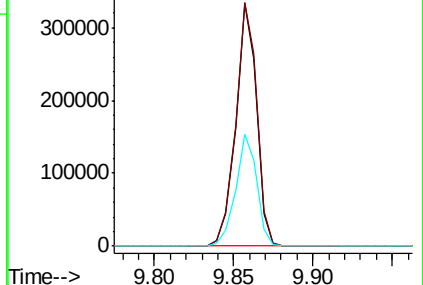
160 46.3 36.2 54.4

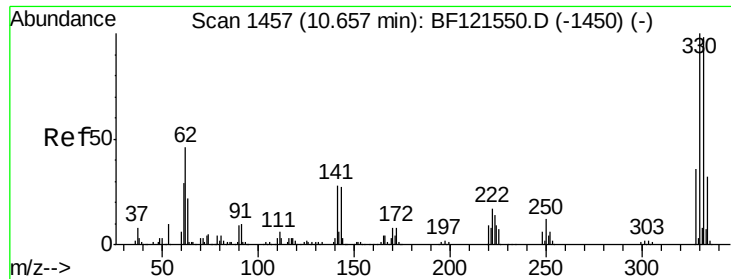


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 88.117 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

Instrument :

BNA_F

ClientSampleId :

KTS-WC-L-01

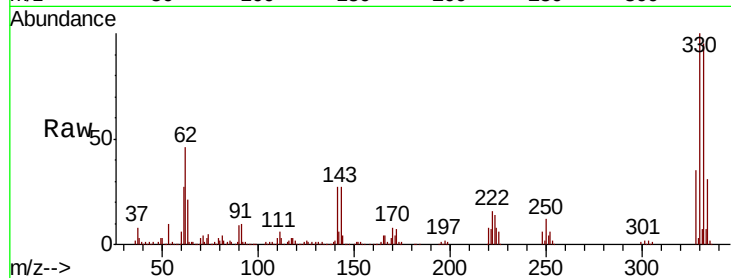
Tot Ion:330 Resp: 331308

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

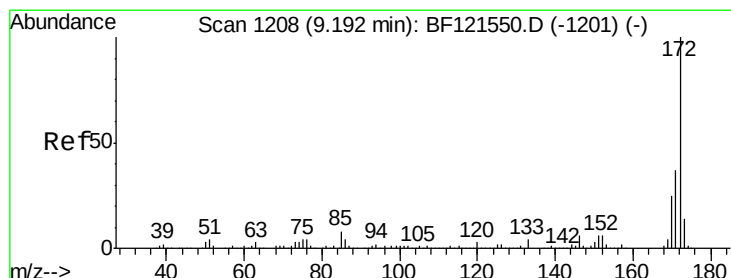
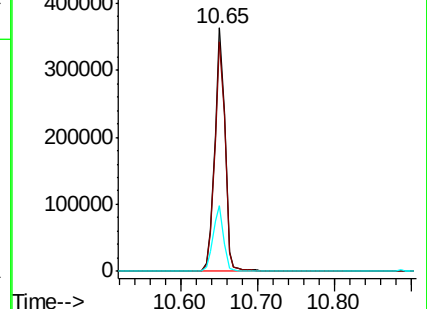
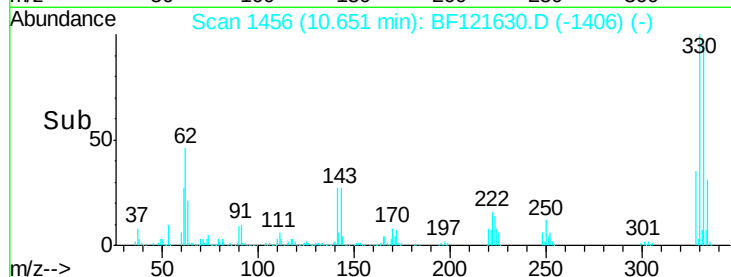
141 28.5 22.4 33.6



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: 67.858 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

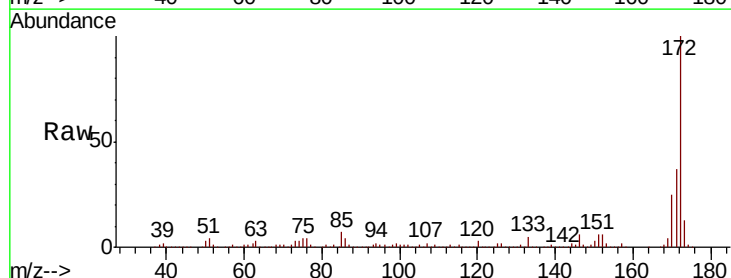
Tgt Ion:172 Resp: 1355406

Ion Ratio Lower Upper

172 100

171 36.5 29.3 43.9

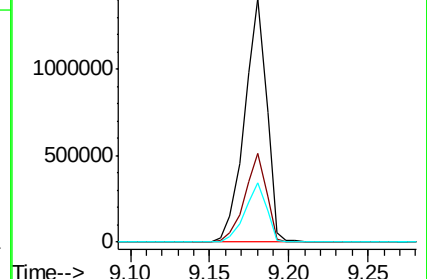
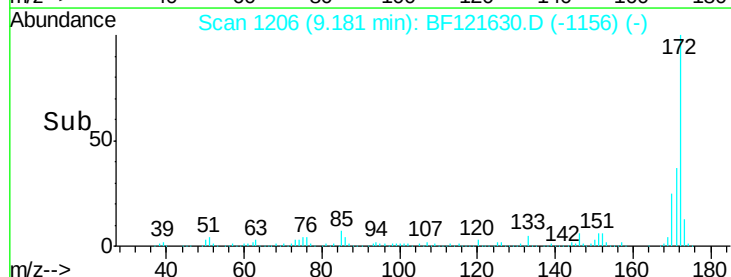
170 24.5 19.5 29.3

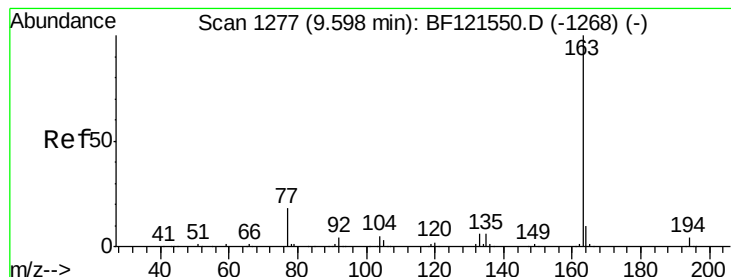


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 14.797 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

Instrument :

BNA_F

ClientSampleId :

KTS-WC-L-01

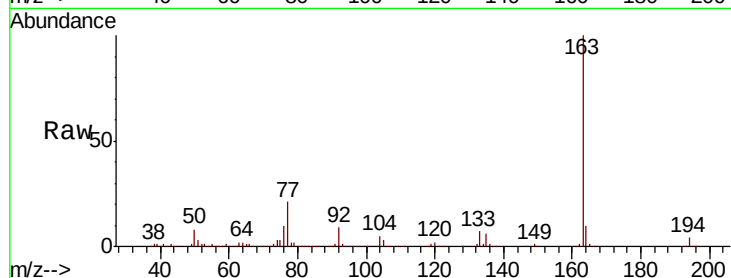
Tot Ion:163 Resp: 324437

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 8.0 12.0

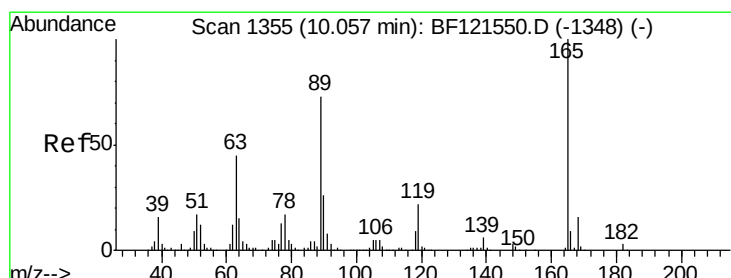
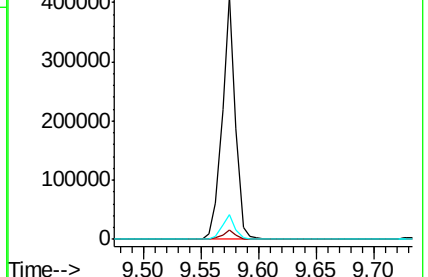
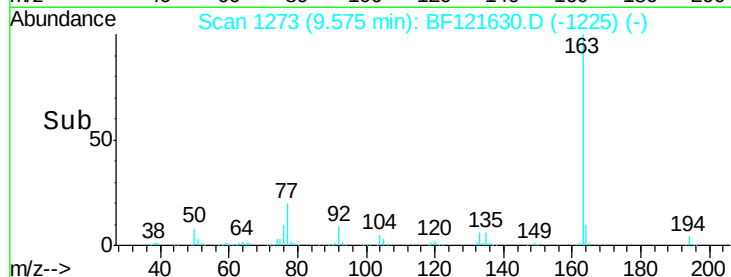


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



#57

2,4-Dinitrotoluene

Concen: 6.775 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.20 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

Tgt Ion:165 Resp: 39797

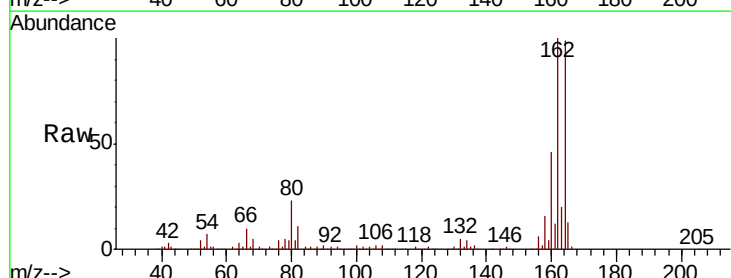
Ion Ratio Lower Upper

165 100

63 1.8 36.7 55.1#

89 1.7 57.7 86.5#

182 0.0 2.1 3.1#



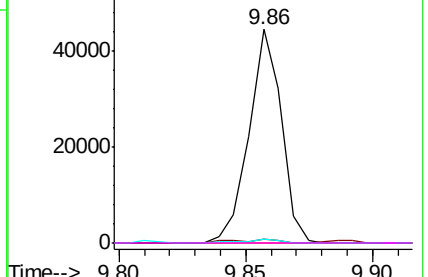
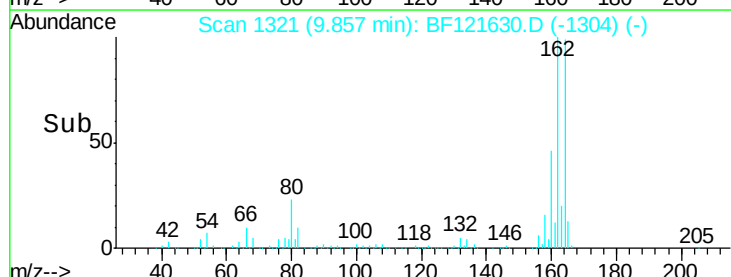
Abundance Ion 165.00 (164.70 to 165.70): E

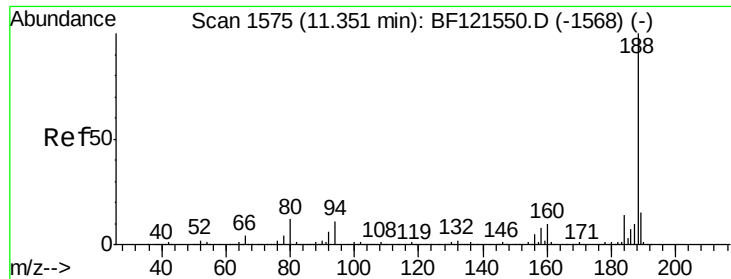
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

Instrument :

BNA_F

ClientSampleId :

KTS-WC-L-01

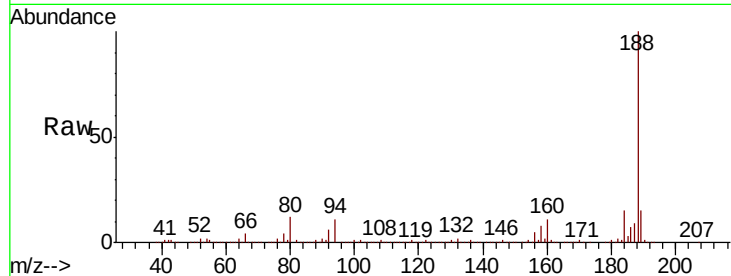
Tot Ion:188 Resp: 559396

Ion Ratio Lower Upper

188 100

94 11.1 8.4 12.6

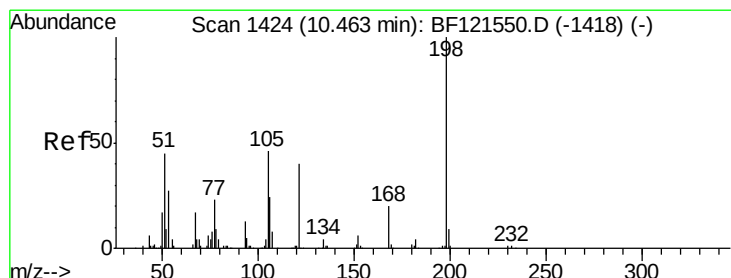
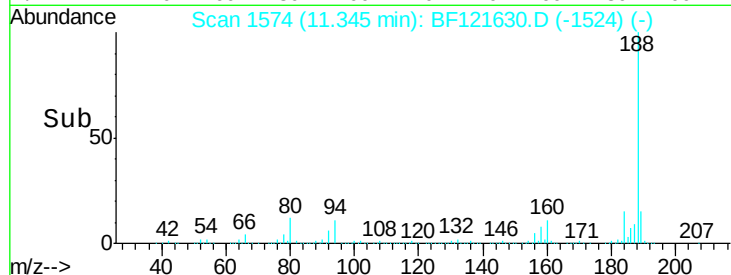
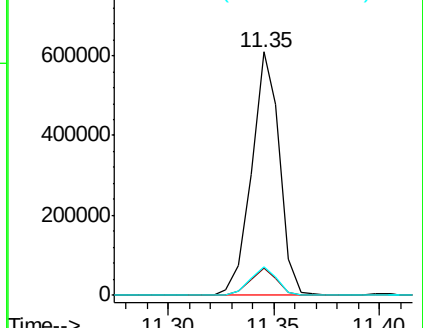
80 11.8 9.0 13.4



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: 7.011 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.18 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

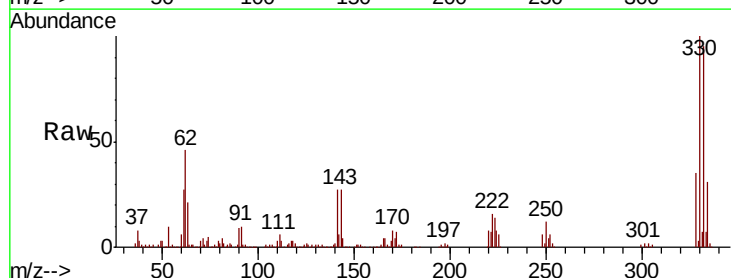
Tgt Ion:198 Resp: 635

Ion Ratio Lower Upper

198 100

51 194.9 20.3 60.3#

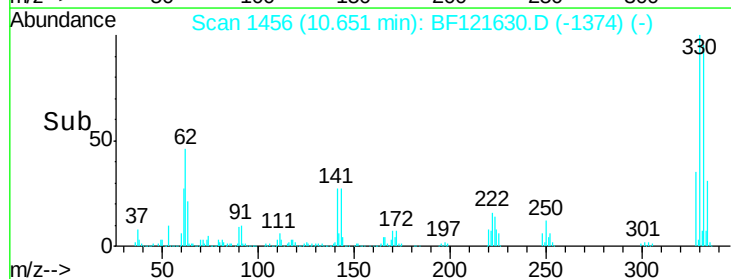
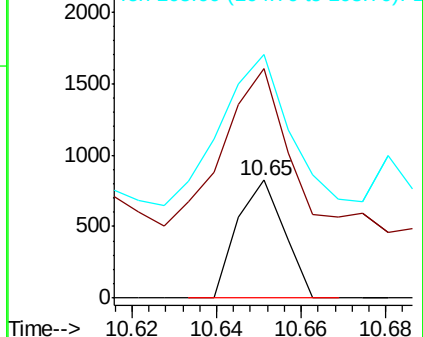
105 206.6 20.2 60.2#

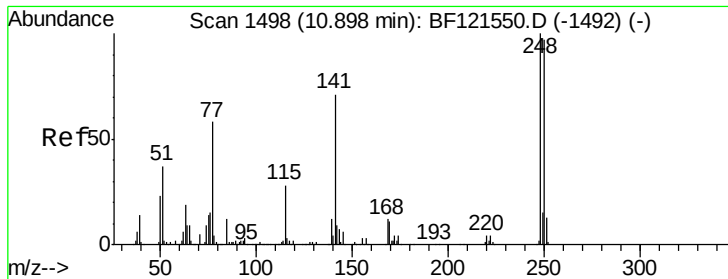


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

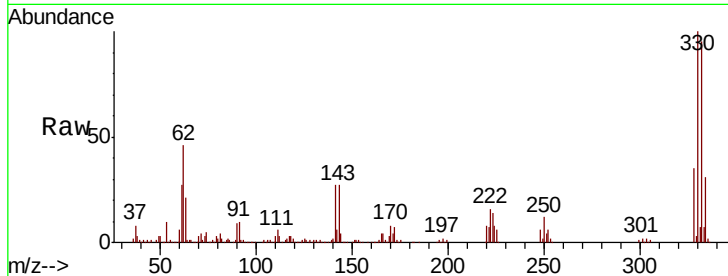




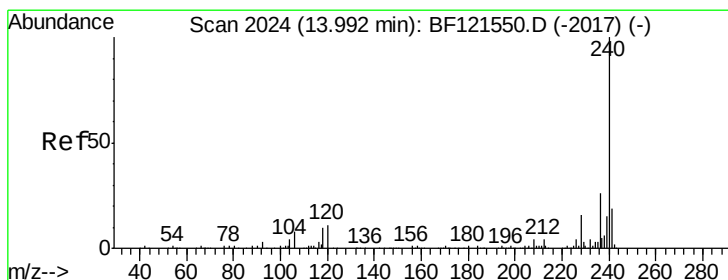
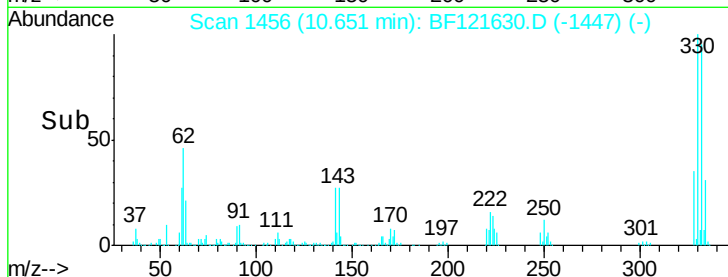
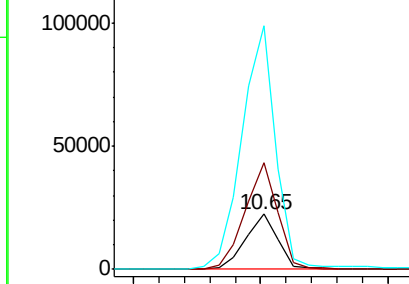
#67
 4-Bromophenyl-phenylether
 Concen: 3.094 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.25 min
 Lab File: BF121630.D
 Acq: 21 Sep 2020 17:04

Instrument :
 BNA_F
 ClientSampled :
 KTS-WC-L-01

Tot Ion:248 Resp: 19705
 Ion Ratio Lower Upper
 248 100
 250 192.8 79.4 119.0#
 141 439.9 52.2 78.4#

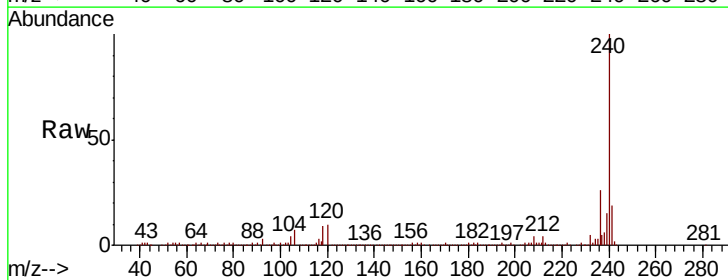


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

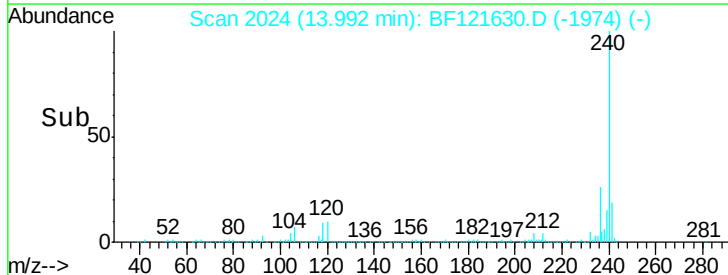
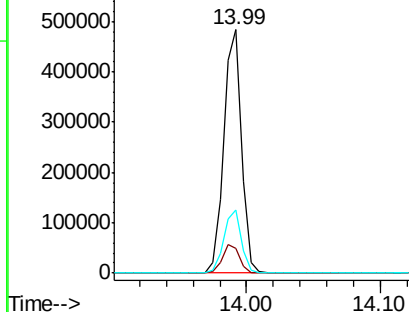


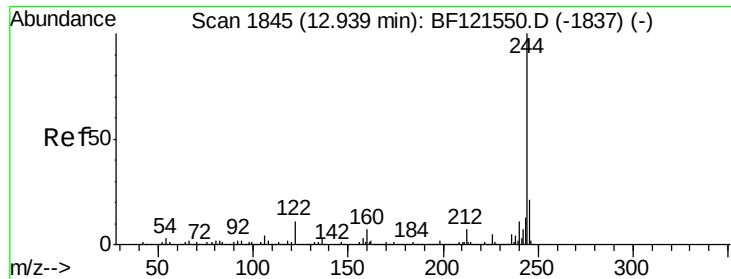
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF121630.D
 Acq: 21 Sep 2020 17:04

Tgt Ion:240 Resp: 455054
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.2 13.8
 236 25.9 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: 70.170 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

Instrument :

BNA_F

ClientSampleId :

KTS-WC-L-01

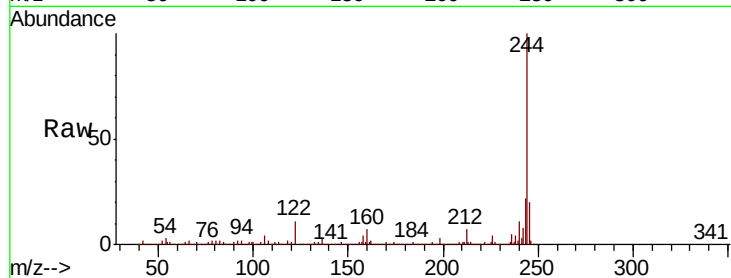
Tot Ion:244 Resp: 1576153

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

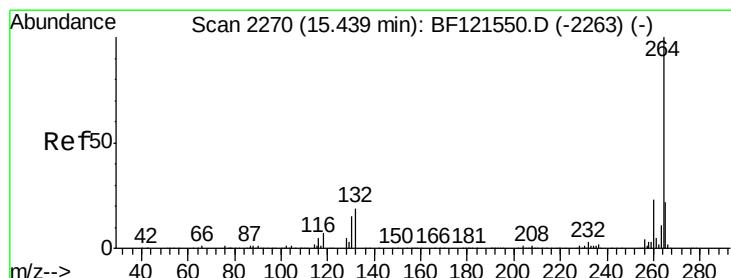
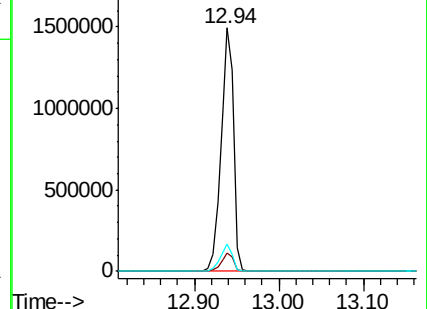
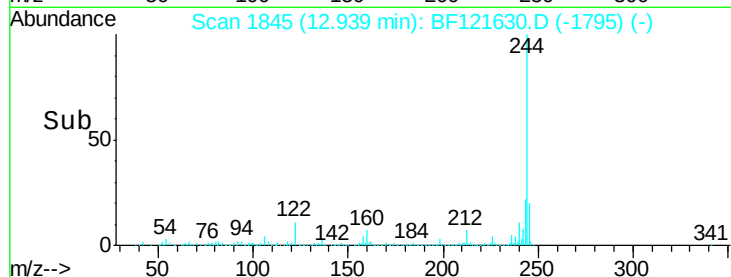
122 11.1 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 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: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

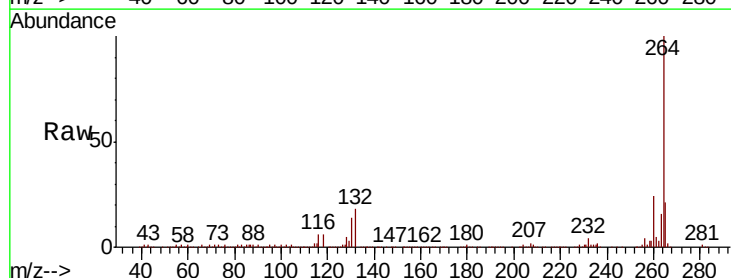
Tgt Ion:264 Resp: 364376

Ion Ratio Lower Upper

264 100

260 24.4 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

