

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121878.D
 Acq On : 7 Oct 2020 17:29
 Operator : JU/CG
 Sample : L4264-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BPC-WASTE-DRUM

Quant Time: Oct 07 17:57:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

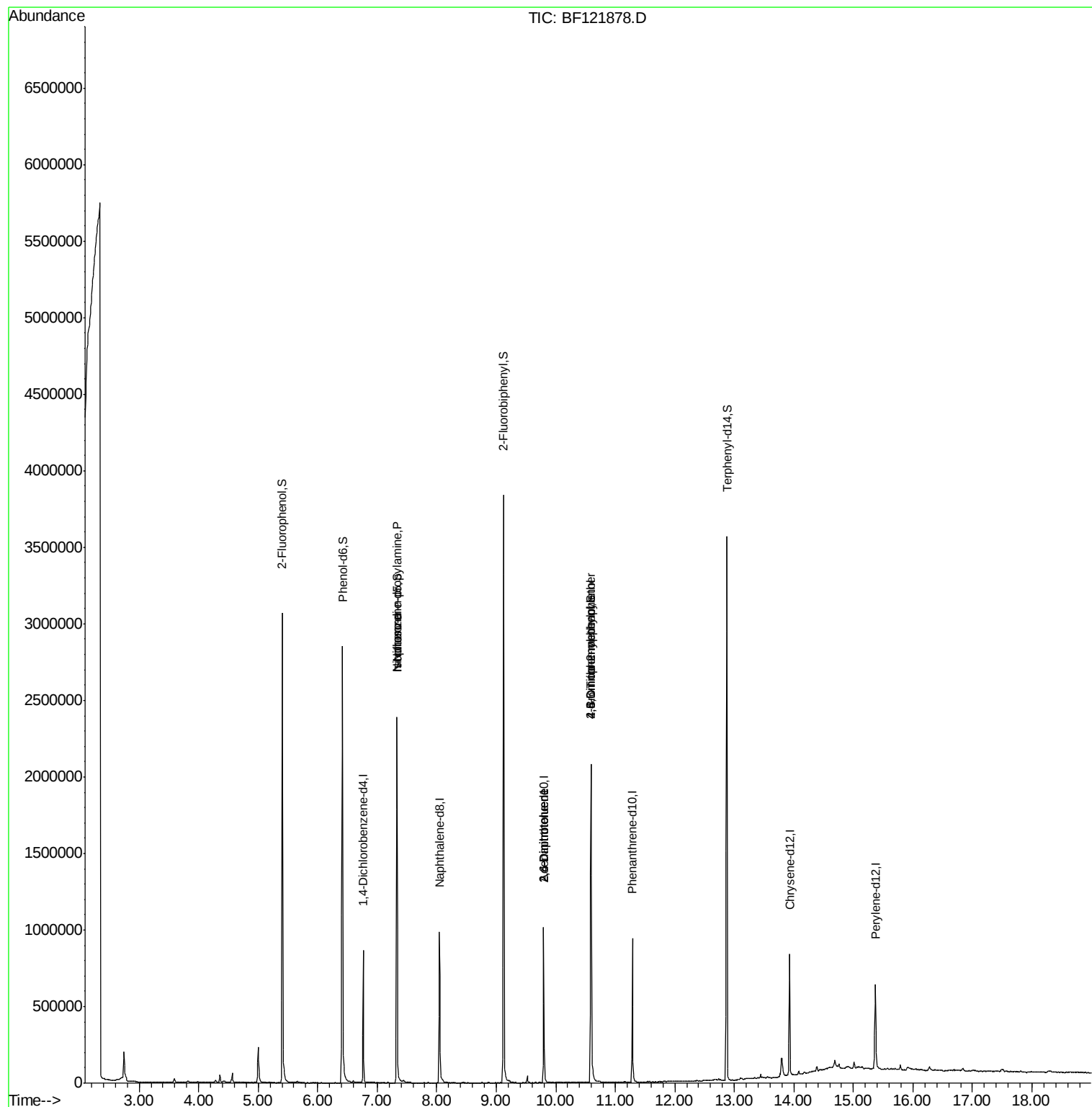
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	121209	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	466133	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	221763	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	354835	20.00	ng	0.00
76) Chrysene-d12	13.93	240	278097	20.00	ng	0.00
86) Perylene-d12	15.37	264	254997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	908452	111.38	ng	0.02
7) Phenol-d6	6.42	99	1052271	98.34	ng	0.00
23) Nitrobenzene-d5	7.33	82	817985	94.22	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	305508	110.84	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1365512	93.26	ng	-0.01
79) Terphenyl-d14	12.87	244	1162031	84.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	110005	17.838	ng	# 79
25) Isophorone	7.33	82	817978	46.805	ng	# 67
51) 2,6-Dinitrotoluene	9.80	165	28683	8.379	ng	# 21
57) 2,4-Dinitrotoluene	9.80	165	28683	6.661	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.59	198	586	7.083	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	17951	4.443	ng	# 1

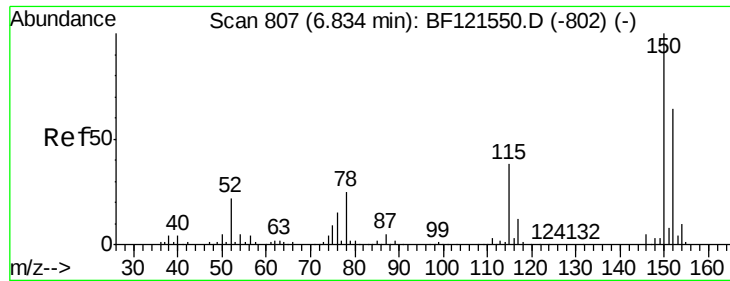
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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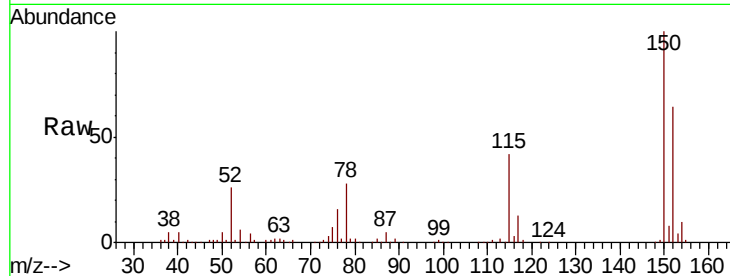


#1

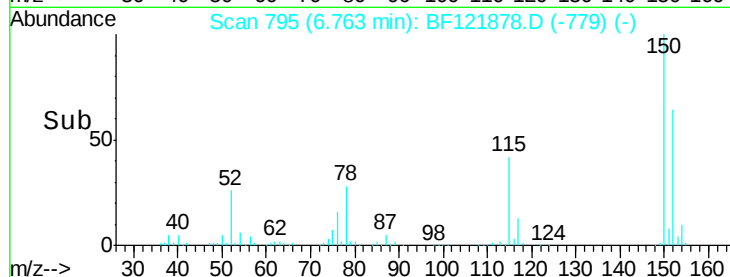
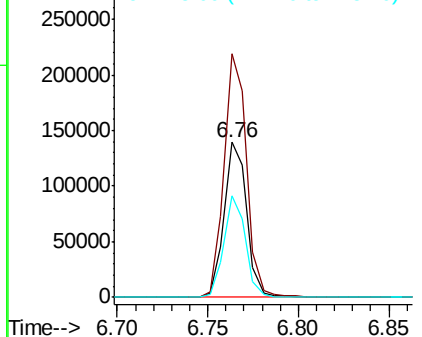
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121878.D
Acq: 7 Oct 2020 17:29

Instrument :
BNA_F
ClientSampleId :
BPC-WASTE-DRUM

Tot Ion:152 Resp: 121209
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 65.6 51.9 77.9



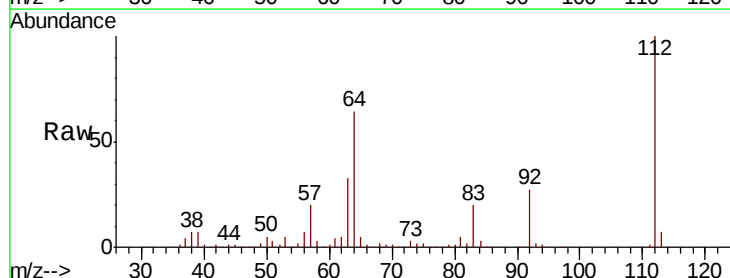
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



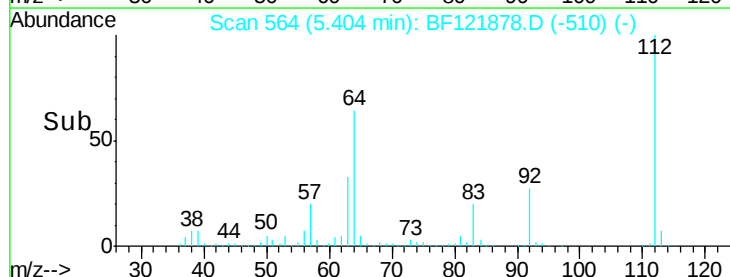
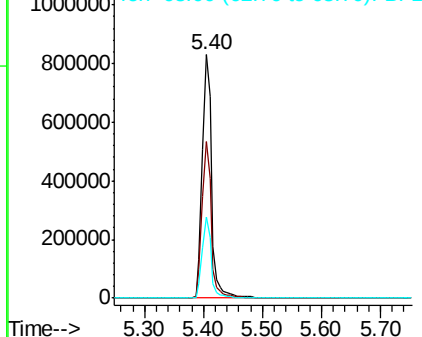
#5

2-Fluorophenol
Concen: 111.384 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF121878.D
Acq: 7 Oct 2020 17:29

Tgt Ion:112 Resp: 908452
Ion Ratio Lower Upper
112 100
64 64.3 50.4 75.6
63 33.5 25.8 38.6



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: 98.341 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121878.D

Acq: 7 Oct 2020 17:29

Instrument :

BNA_F

ClientSampleId :

BPC-WASTE-DRUM

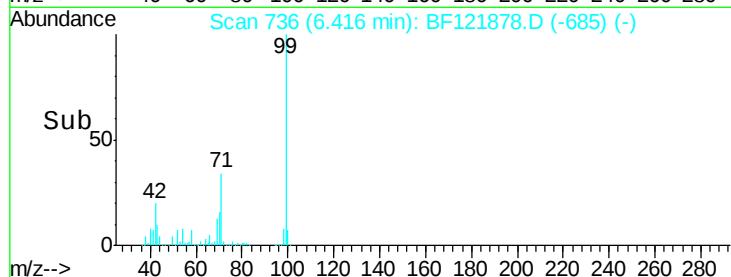
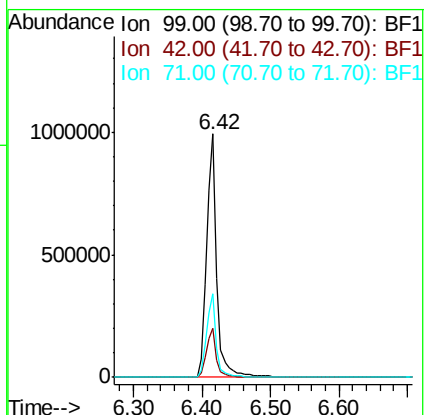
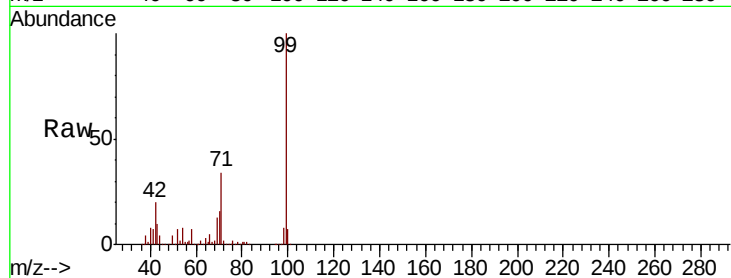
Tot Ion: 99 Resp: 1052271

Ion Ratio Lower Upper

99 100

42 20.0 15.9 23.9

71 34.4 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.838 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF121878.D

Acq: 7 Oct 2020 17:29

Tgt Ion: 70 Resp: 110005

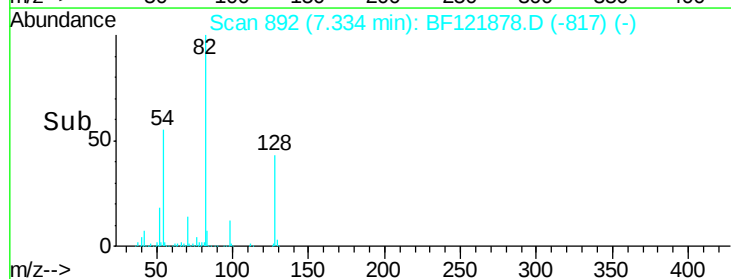
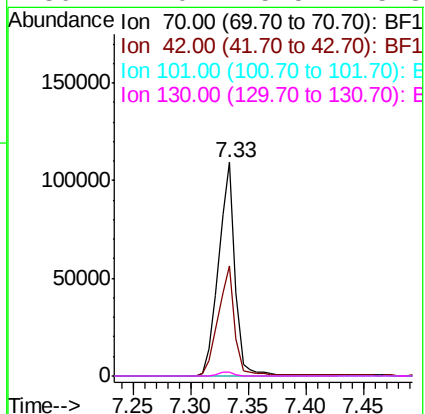
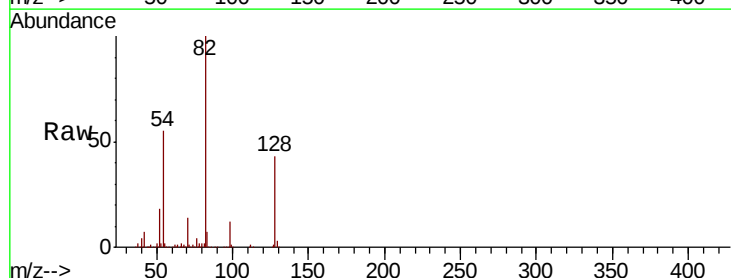
Ion Ratio Lower Upper

70 100

42 51.7 50.2 75.4

101 0.0 7.5 11.3#

130 2.0 15.5 23.3#

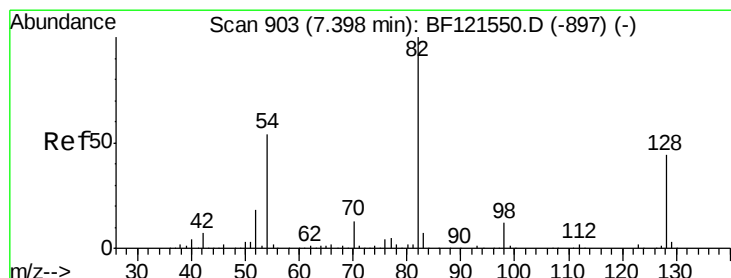
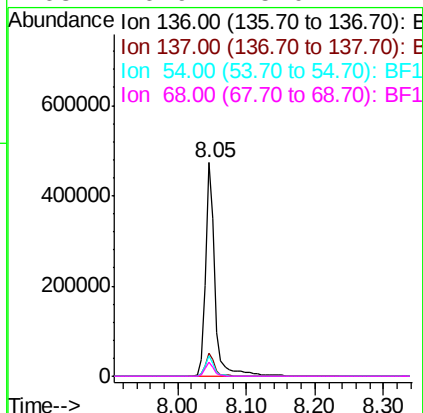
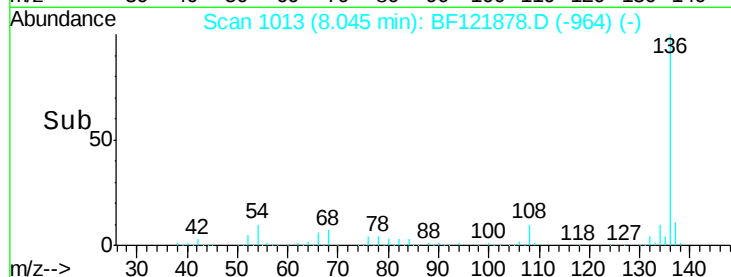
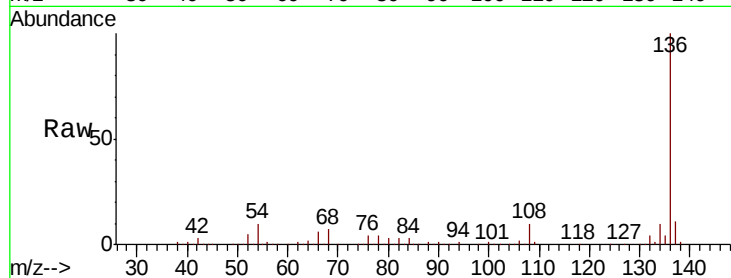




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121878.D
Acq: 7 Oct 2020 17:29

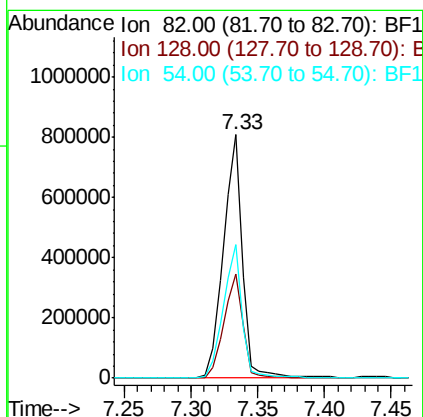
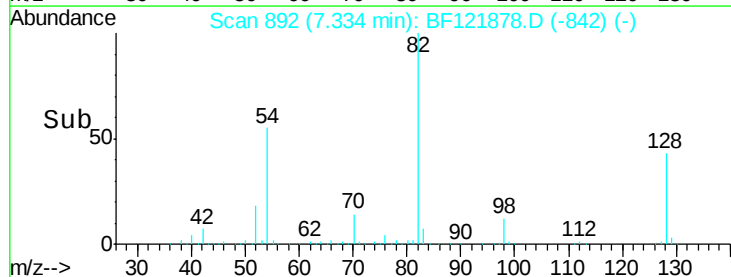
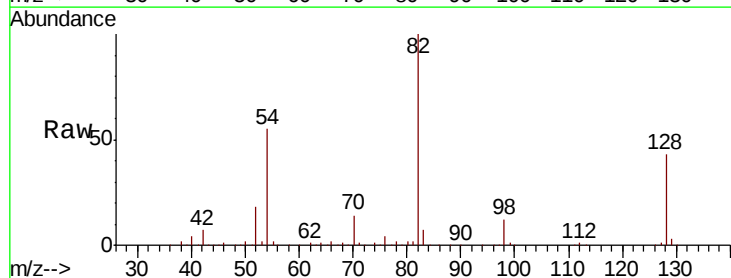
Instrument :
BNA_F
ClientSampleId :
BPC-WASTE-DRUM

Tot Ion:136	Resp:	466133
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.6 13.0
54	9.7	7.1 10.7
68	6.9	5.0 7.4



#23
Nitrobenzene-d5
Concen: 94.220 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121878.D
Acq: 7 Oct 2020 17:29

Tgt Ion: 82	Resp:	817985
Ion	Ratio	Lower Upper
82	100	
128	42.9	35.0 52.4
54	54.7	43.9 65.9





#25

Isophorone

Concen: 46.805 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF121878.D

Acq: 7 Oct 2020 17:29

Instrument :

BNA_F

ClientSampleId :

BPC-WASTE-DRUM

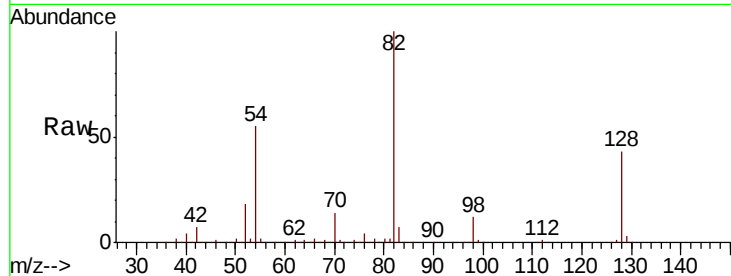
Tot Ion: 82 Resp: 817978

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

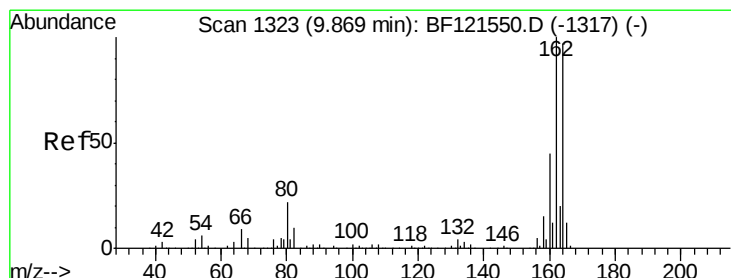
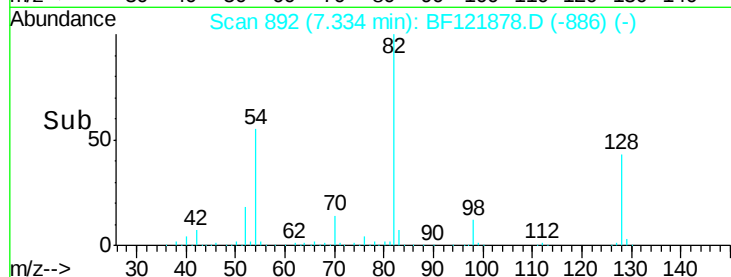
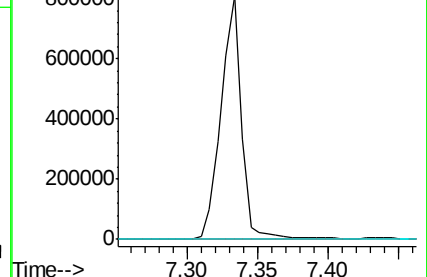
138 0.0 13.4 20.0#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF121878.D

Acq: 7 Oct 2020 17:29

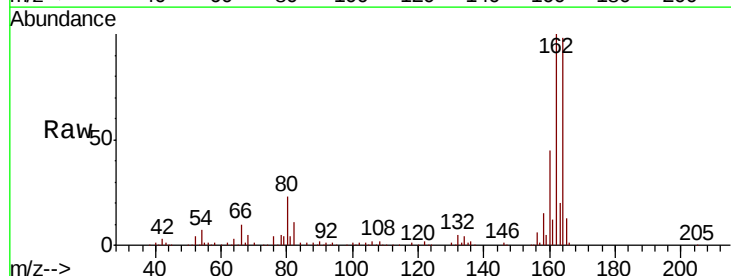
Tgt Ion: 164 Resp: 221763

Ion Ratio Lower Upper

164 100

162 101.9 83.2 124.8

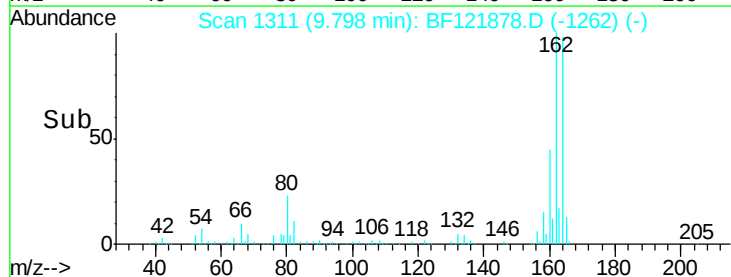
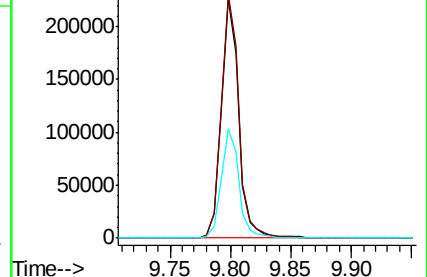
160 45.8 37.5 56.3

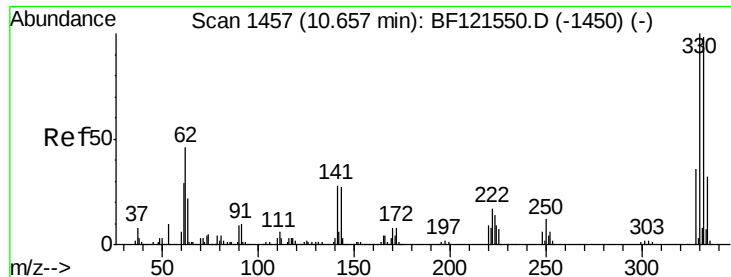


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

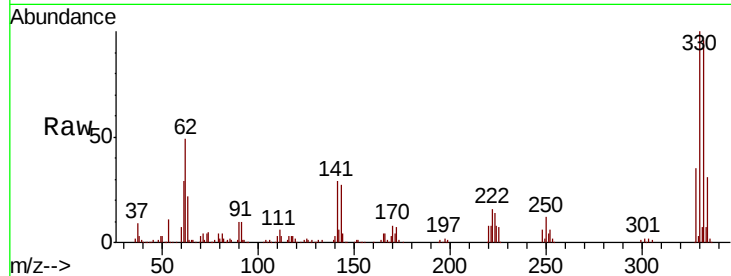




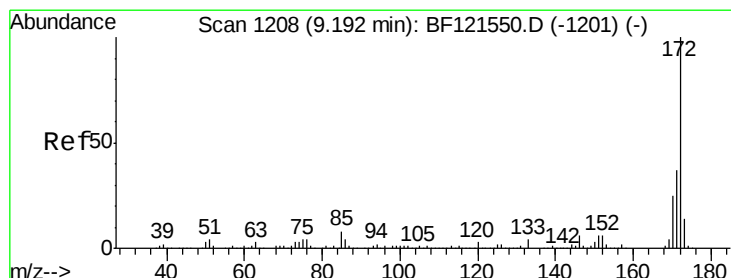
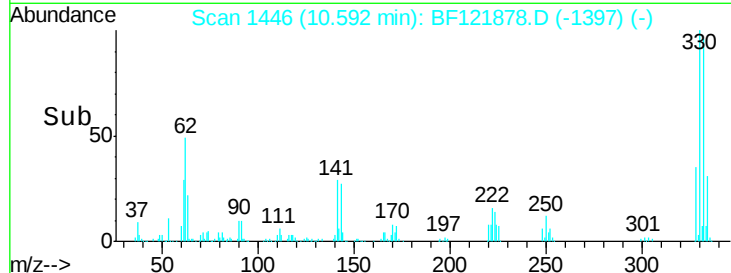
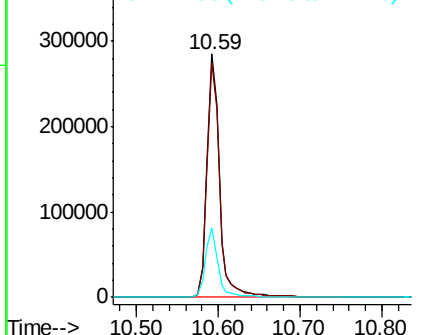
#42
 2,4,6-Tribromophenol
 Concen: 110.843 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121878.D
 Acq: 7 Oct 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 BPC-WASTE-DRUM

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	29.0	22.3	33.5

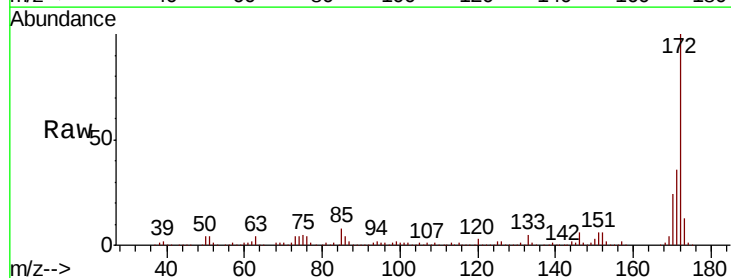


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

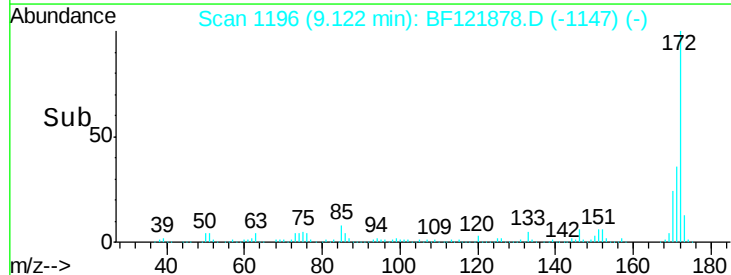
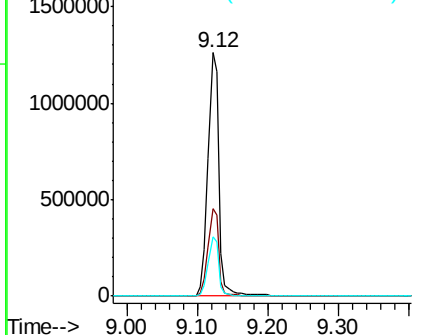


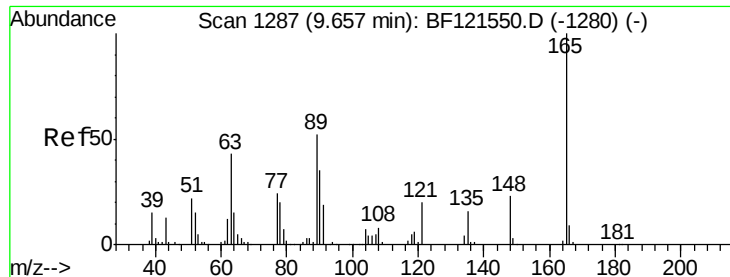
#45
 2-Fluorobiphenyl
 Concen: 93.258 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121878.D
 Acq: 7 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.1	43.7
170	24.4	19.8	29.6



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

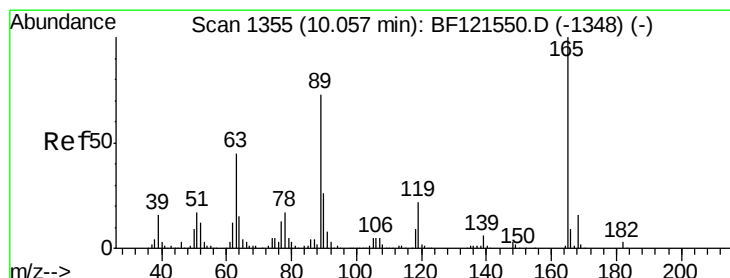
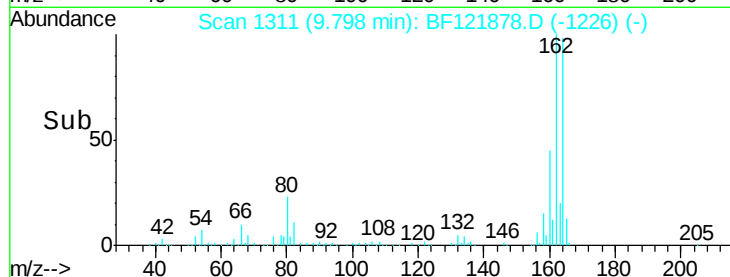
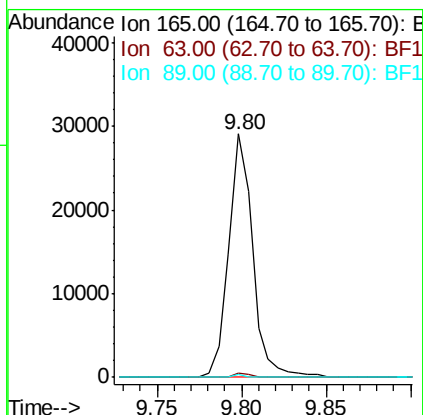
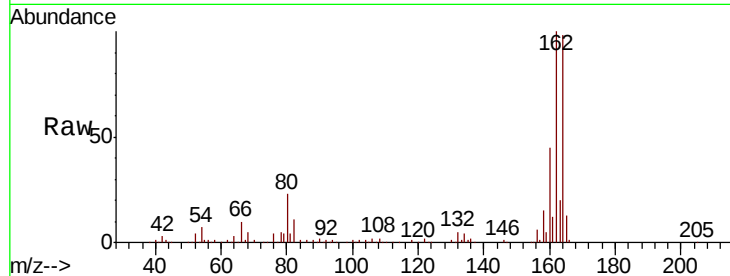




#51
 2,6-Dinitrotoluene
 Concen: 8.379 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.20 min
 Lab File: BF121878.D
 Acq: 7 Oct 2020 17:29

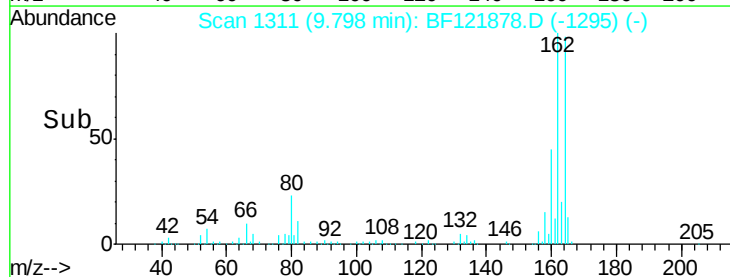
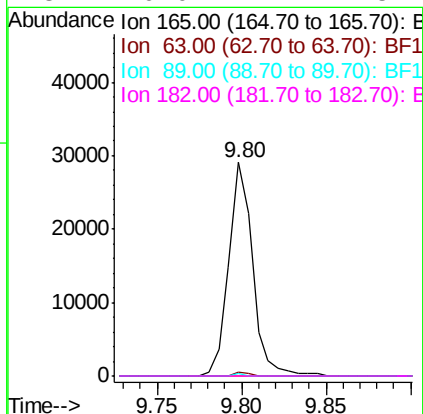
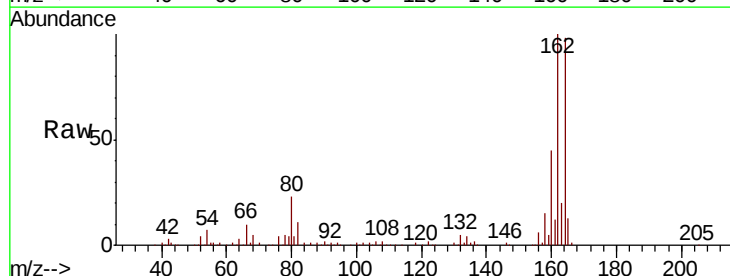
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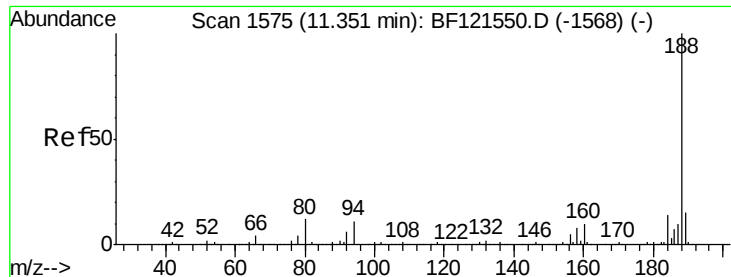
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.8	77.6#
89	1.4	49.0	73.6#



#57
 2,4-Dinitrotoluene
 Concen: 6.661 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.21 min
 Lab File: BF121878.D
 Acq: 7 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	41.3	61.9#
89	1.4	61.8	92.8#
182	0.0	2.1	3.1#

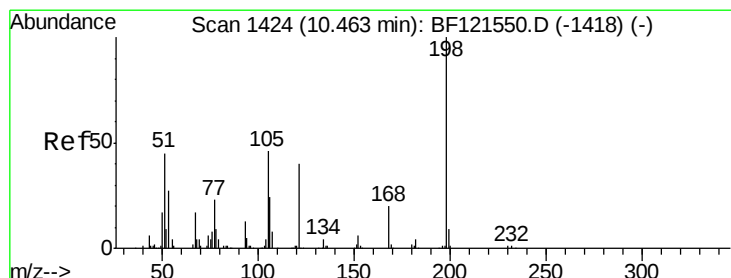
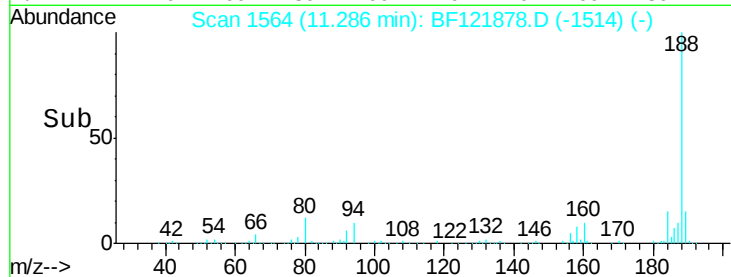
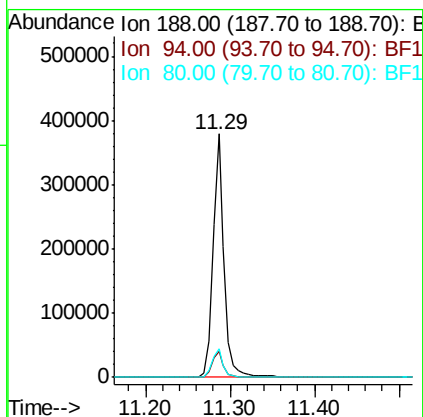
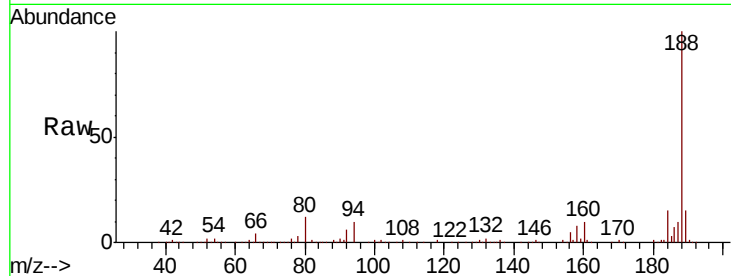




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121878.D
Acq: 7 Oct 2020 17:29

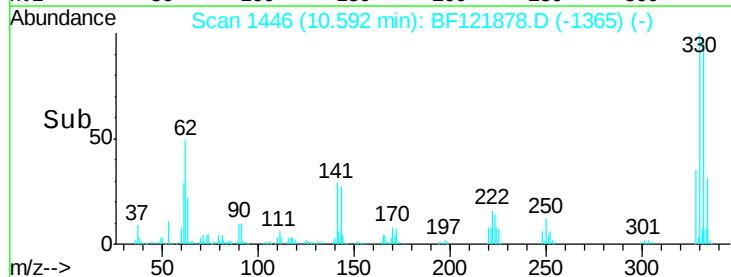
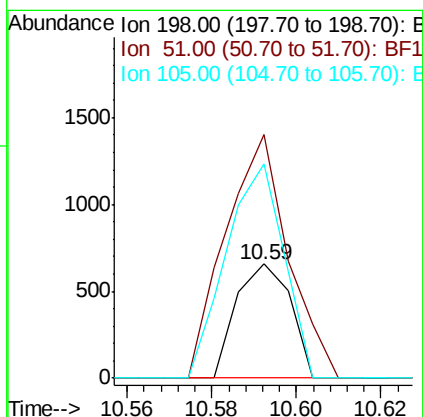
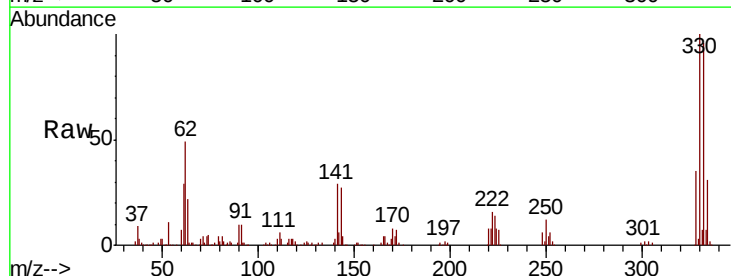
Instrument :
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BPC-WASTE-DRUM

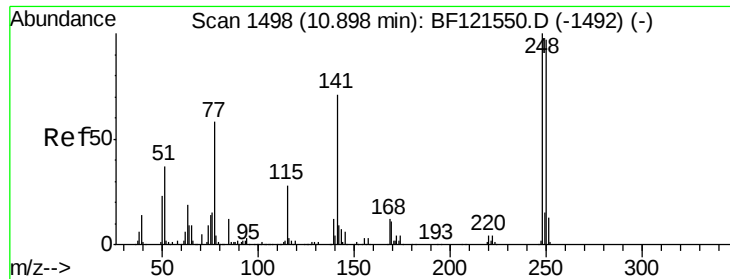
Tot Ion:188 Resp: 354835
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 7.083 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.18 min
Lab File: BF121878.D
Acq: 7 Oct 2020 17:29

Tgt Ion:198 Resp: 586
Ion Ratio Lower Upper
198 100
51 213.7 29.6 69.6#
105 187.8 24.4 64.4#

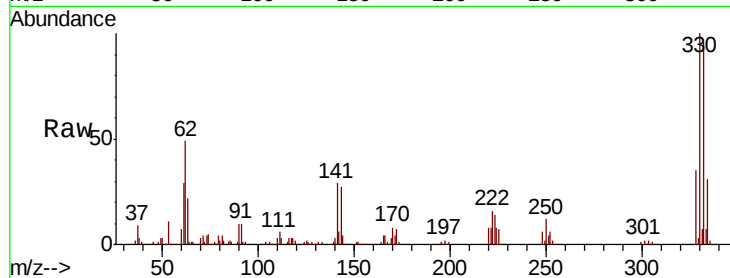




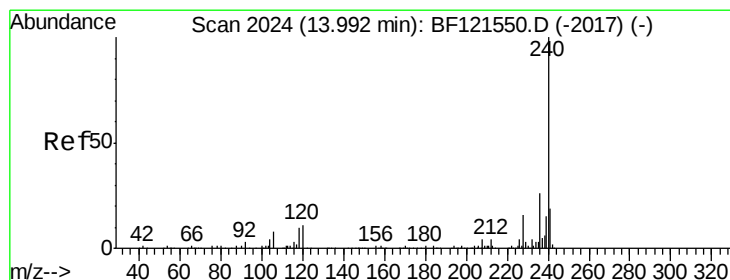
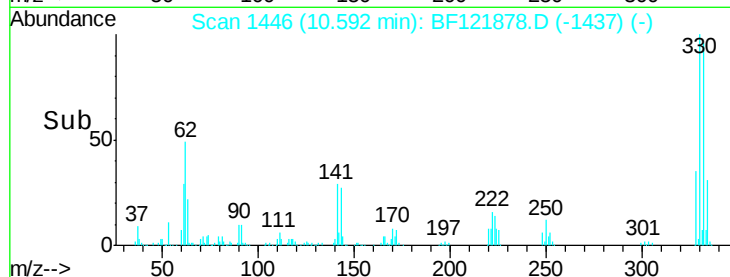
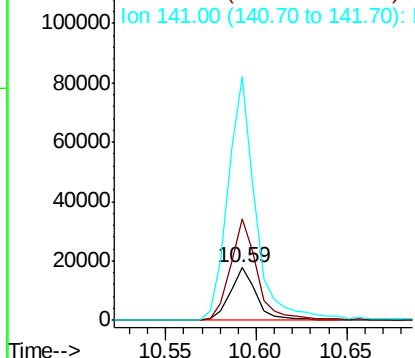
#67
 4-Bromophenyl-phenylether
 Concen: 4.443 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.25 min
 Lab File: BF121878.D
 Acq: 7 Oct 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 BPC-WASTE-DRUM

Tot Ion:248 Resp: 17951
 Ion Ratio Lower Upper
 248 100
 250 193.2 77.0 115.6#
 141 463.1 53.7 80.5#

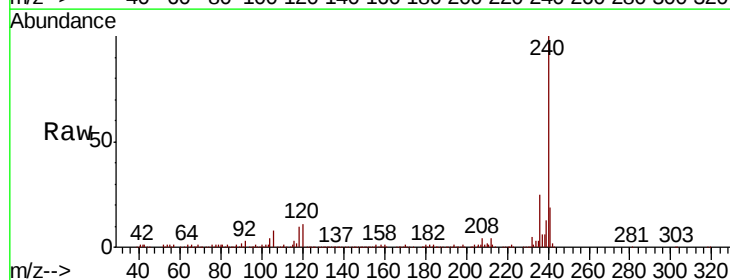


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

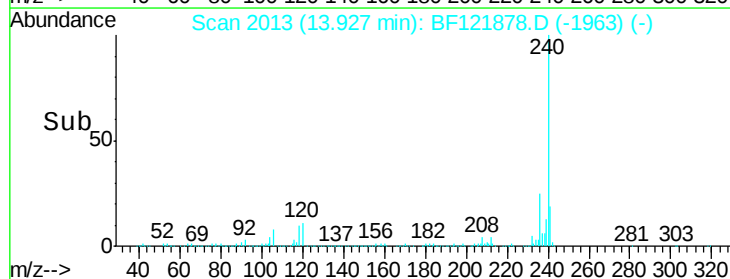
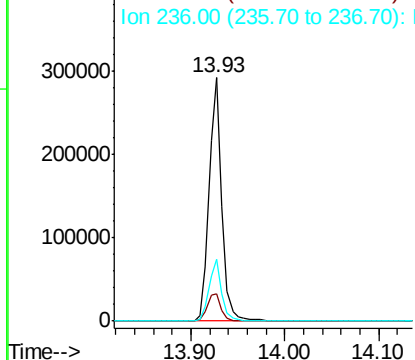


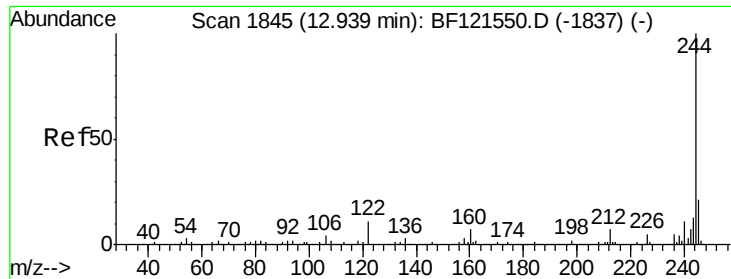
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF121878.D
 Acq: 7 Oct 2020 17:29

Tgt Ion:240 Resp: 278097
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.2 13.8
 236 25.3 20.9 31.3



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: 84.653 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121878.D

Acq: 7 Oct 2020 17:29

Instrument :

BNA_F

ClientSampleId :

BPC-WASTE-DRUM

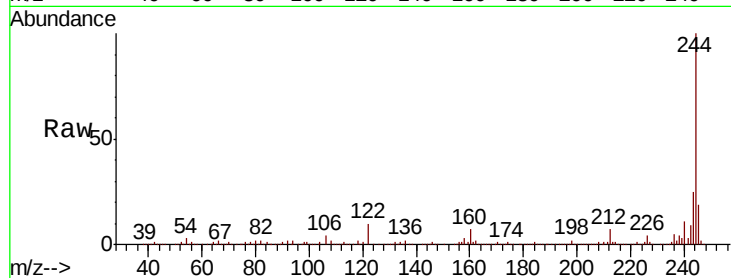
Tot Ion:244 Resp: 1162031

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

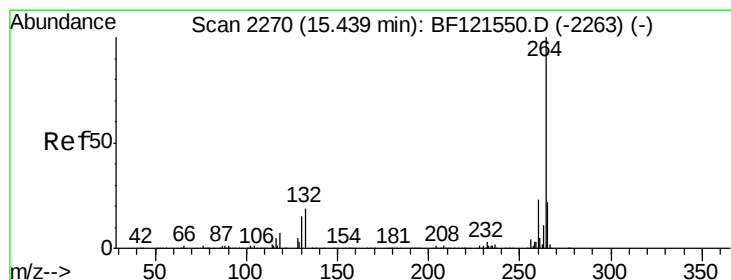
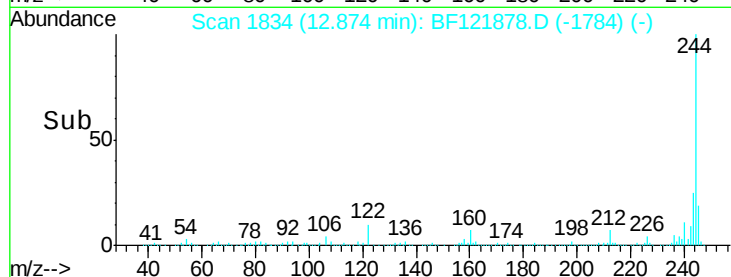
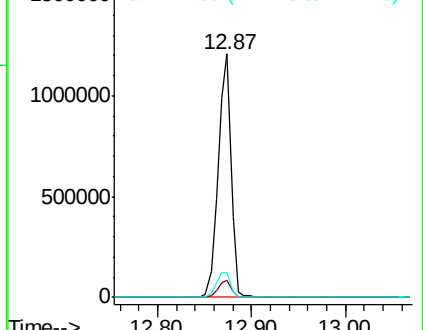
122 10.3 8.1 12.1



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: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF121878.D

Acq: 7 Oct 2020 17:29

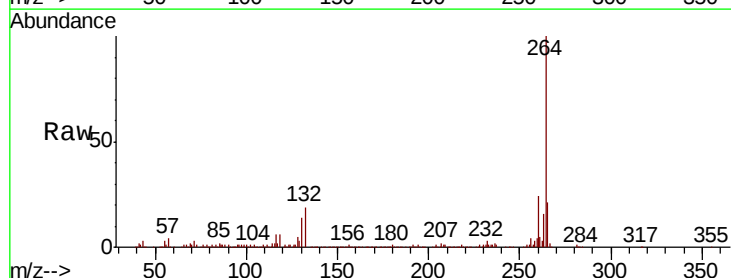
Tgt Ion:264 Resp: 254997

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.0 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

