

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
 Data File : BF126172.D
 Acq On : 13 Nov 2021 17:13
 Operator : JU/CG
 Sample : M4593-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-108

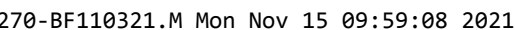
Quant Time: Nov 15 09:58:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 08:09:33 2021
 Response via : Initial Calibration

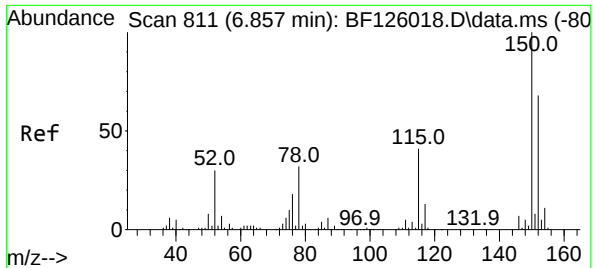
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	104221	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	397798	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	200893	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	369643	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	288983	20.000	ng	#-0.01
86) Perylene-d12	15.457	264	331054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	627536	103.401	ng	0.01
7) Phenol-d6	6.463	99	601573	70.316	ng	0.00
23) Nitrobenzene-d5	7.392	82	679285	80.532	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	389641	169.244	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1325634	89.172	ng	0.00
79) Terphenyl-d14	12.945	244	1687137	94.143	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	121	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	97449	17.278	ng	# 62
25) Isophorone	7.392	82	679279	44.728	ng	# 59
32) Benzoic acid	7.887	122	244	9.200	ng	# 1
48) 2-Nitroaniline	9.586	65	256	2.909	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	25716	10.258	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	25716	9.816	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.657	198	1167	8.859	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	26385	5.893	ng	# 1
77) Benzidine	12.945	184	26556	2.749	ng	97

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

Quant Time: Nov 15 09:58:59 2021
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QLast Update : Mon Nov 15 08:09:33 2021
Response via : Initial Calibration

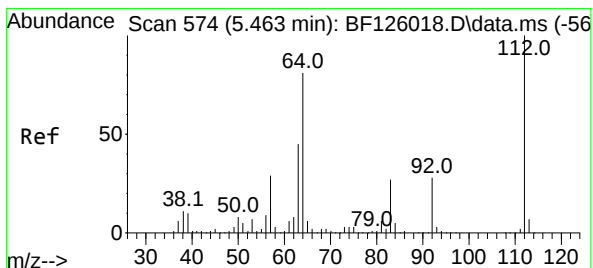
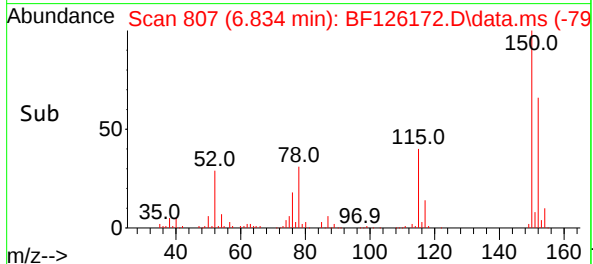
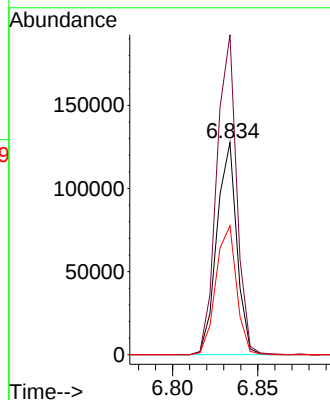
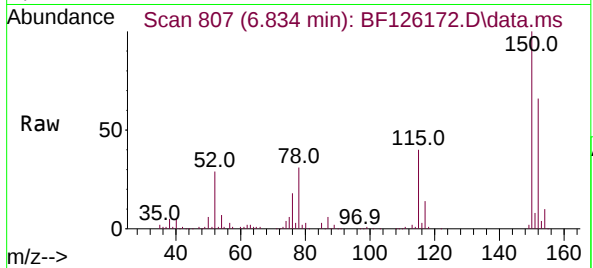




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

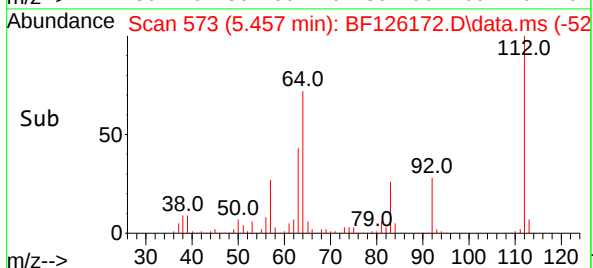
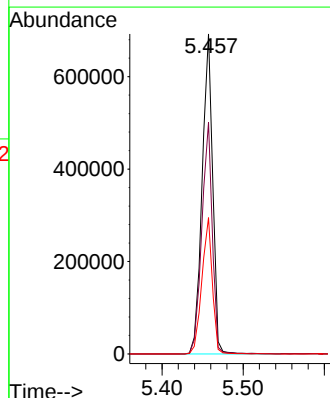
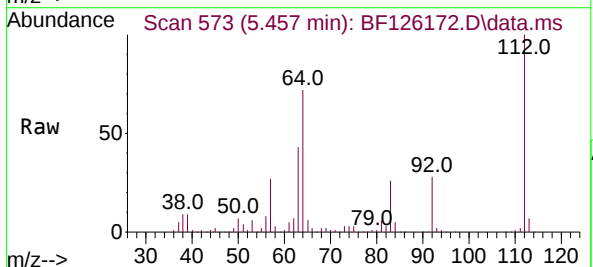
Instrument :
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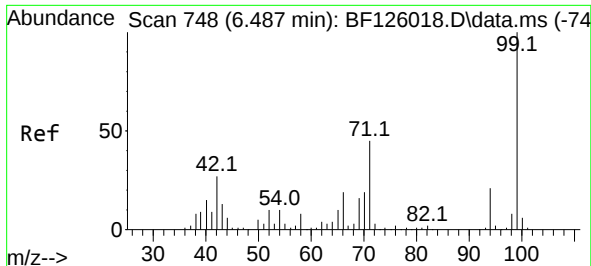
Tgt Ion:152 Resp: 104221
Ion Ratio Lower Upper
152 100
150 150.9 117.6 176.4
115 60.8 47.1 70.7



#5
2-Fluorophenol
Concen: 103.401 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

Tgt Ion:112 Resp: 627536
Ion Ratio Lower Upper
112 100
64 72.3 44.2 66.2#
63 42.6 26.2 39.2#

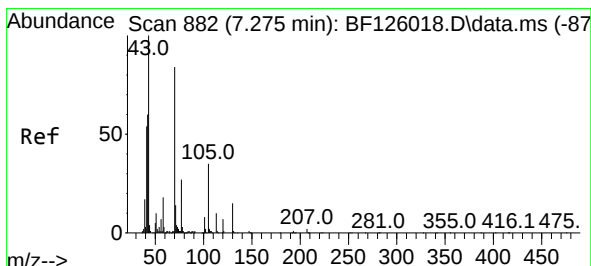
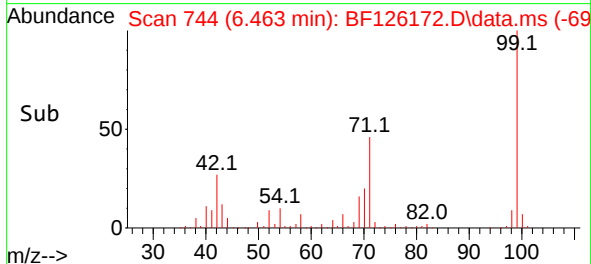
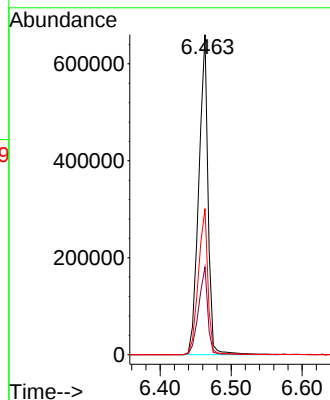
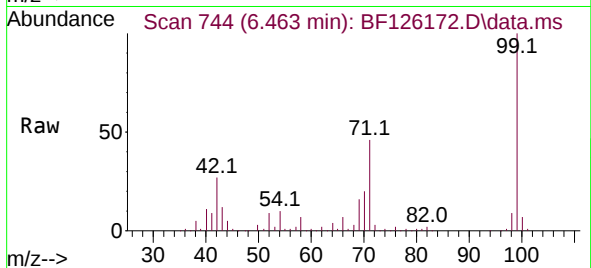




#7
Phenol-d6
Concen: 70.316 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

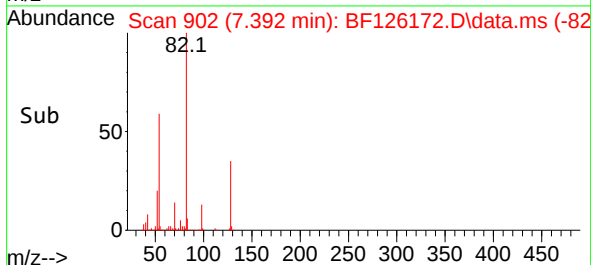
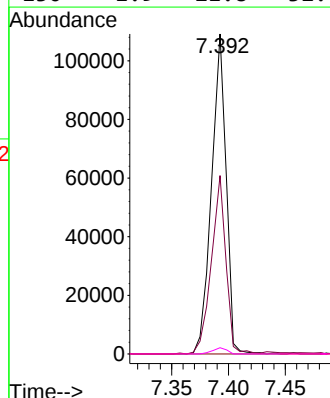
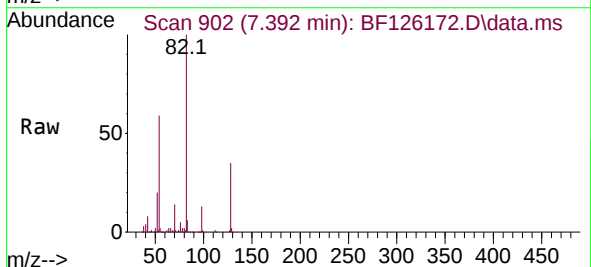
Instrument :
BNA_F
ClientSampleId :
WASTE-108

Tgt Ion: 99 Resp: 601573
Ion Ratio Lower Upper
99 100
42 27.4 23.5 35.3
71 45.6 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.278 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

Tgt Ion: 70 Resp: 97449
Ion Ratio Lower Upper
70 100
42 55.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

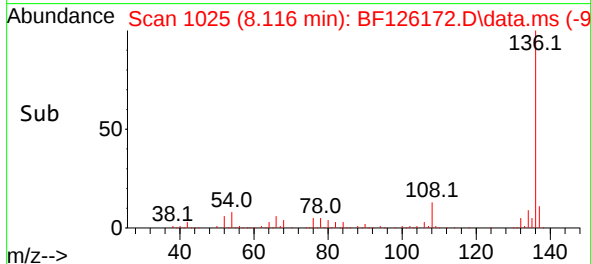
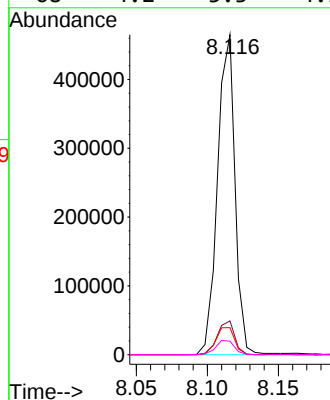
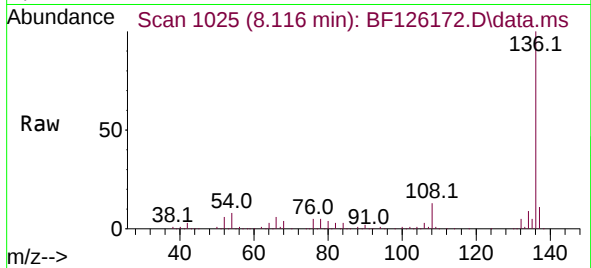




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

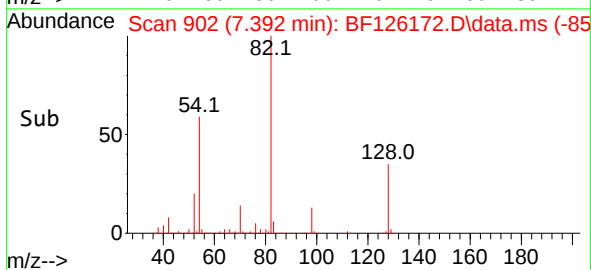
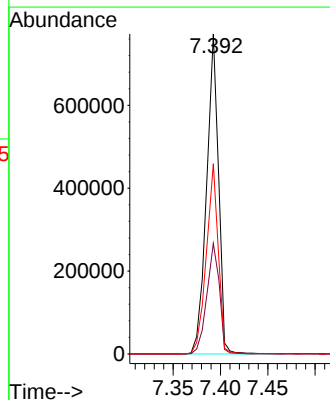
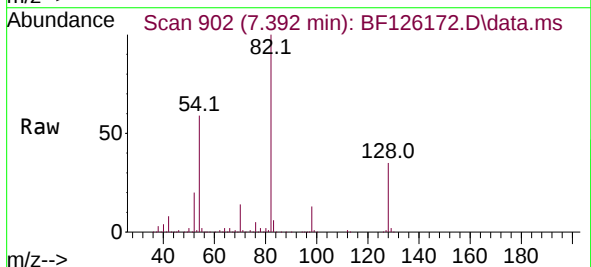
Instrument :
BNA_F
ClientSampleId :
WASTE-108

Tgt Ion:136	Resp: 397798
Ion Ratio	Lower Upper
136 100	
137 10.6	9.8 14.6
54 8.5	6.4 9.6
68 4.2	3.3 4.9



#23
Nitrobenzene-d5
Concen: 80.532 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

Tgt Ion: 82	Resp: 679285
Ion Ratio	Lower Upper
82 100	
128 34.5	40.6 60.8#
54 59.4	49.6 74.4

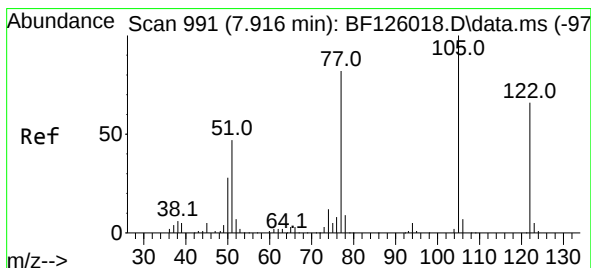
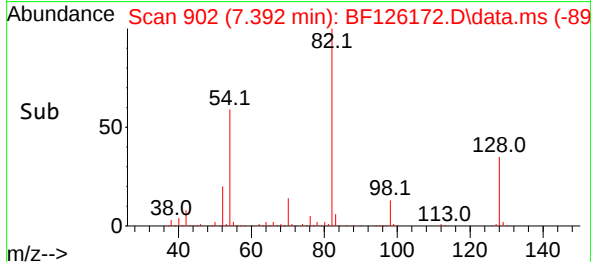
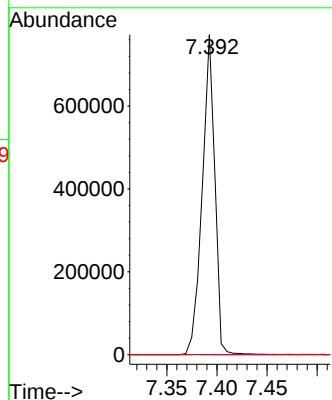
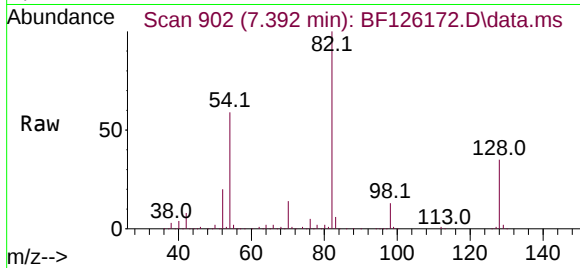




#25
Isophorone
Concen: 44.728 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

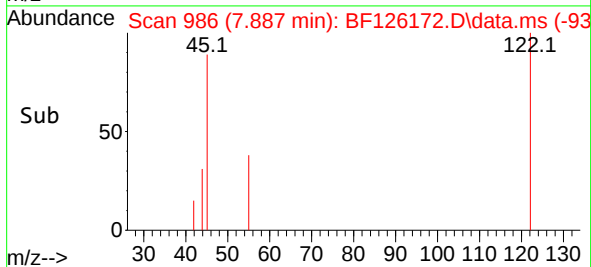
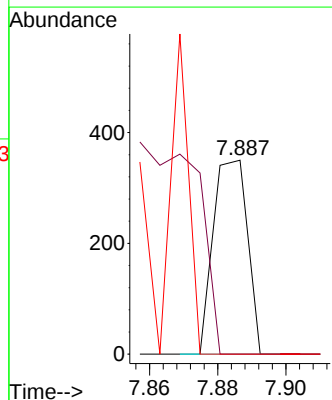
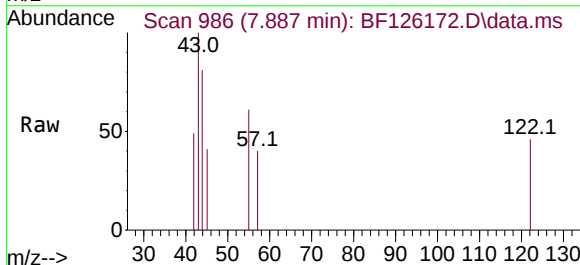
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BNA_F
ClientSampleId :
WASTE-108

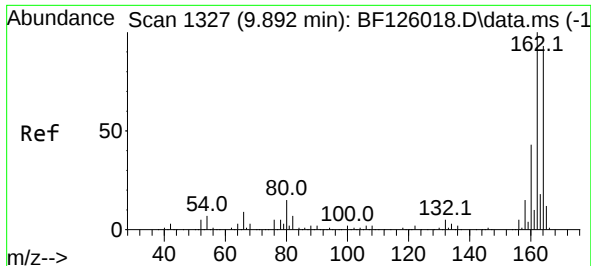
Tgt Ion: 82 Resp: 679279
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.200 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

Tgt Ion:122 Resp: 244
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 0.0 59.6 99.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126172.D

Acq: 13 Nov 2021 17:13

Instrument :

BNA_F

ClientSampleId :

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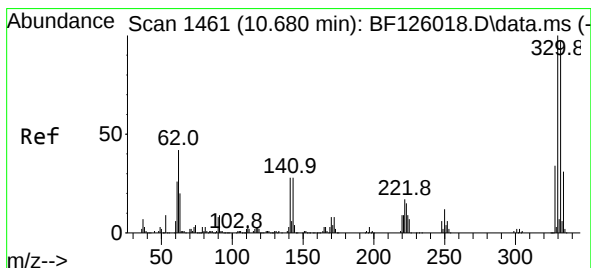
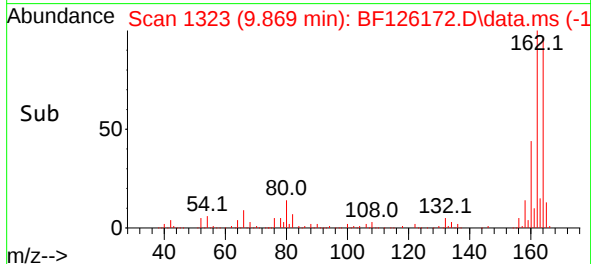
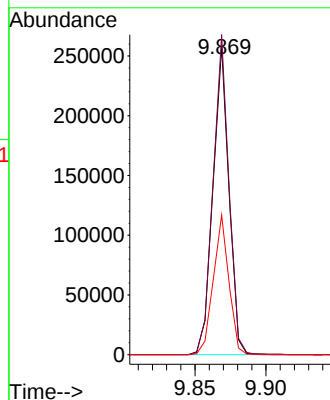
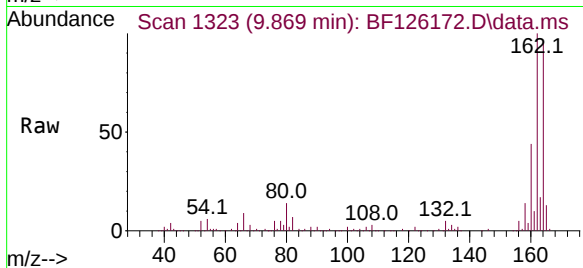
Tgt Ion:164 Resp: 200893

Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

160 45.3 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 169.244 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF126172.D

Acq: 13 Nov 2021 17:13

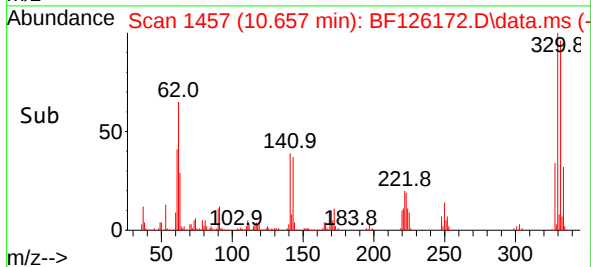
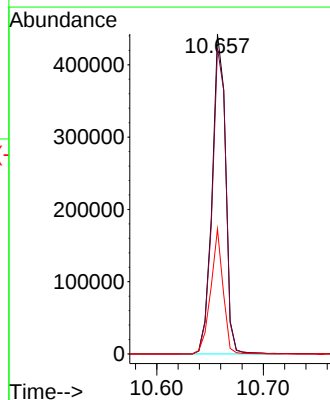
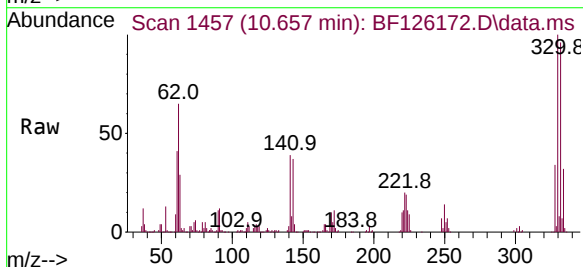
Tgt Ion:330 Resp: 389641

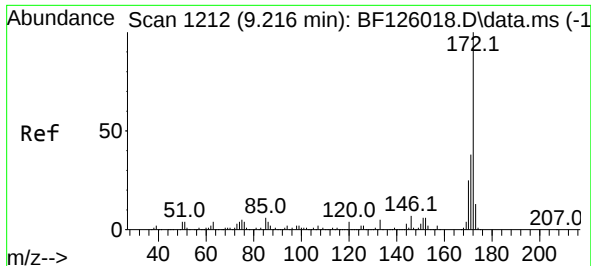
Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 35.7 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 89.172 ng

RT: 9.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126172.D

Acq: 13 Nov 2021 17:13

Instrument :

BNA_F

ClientSampleId :

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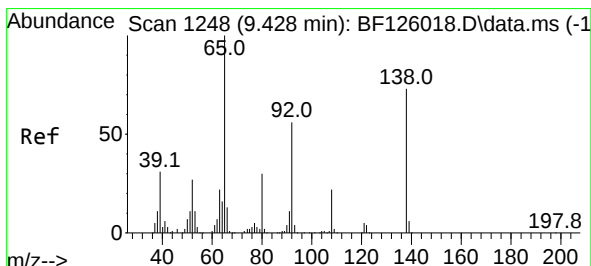
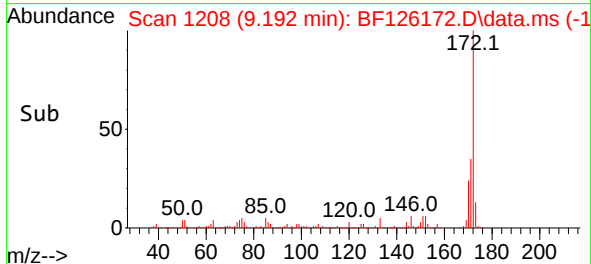
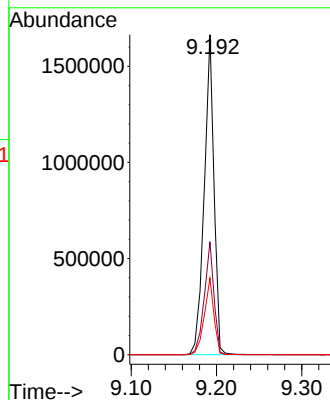
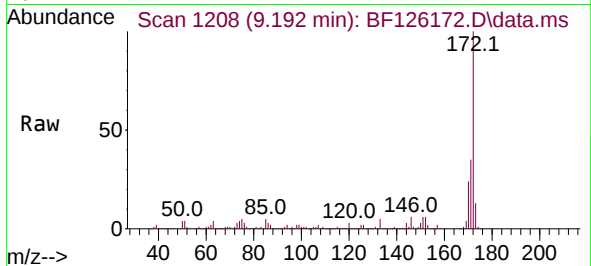
Tgt Ion:172 Resp: 1325634

Ion Ratio Lower Upper

172 100

171 35.3 26.5 39.7

170 24.0 18.8 28.2



#48

2-Nitroaniline

Concen: 2.909 ng

RT: 9.586 min Scan# 1275

Delta R.T. 0.171 min

Lab File: BF126172.D

Acq: 13 Nov 2021 17:13

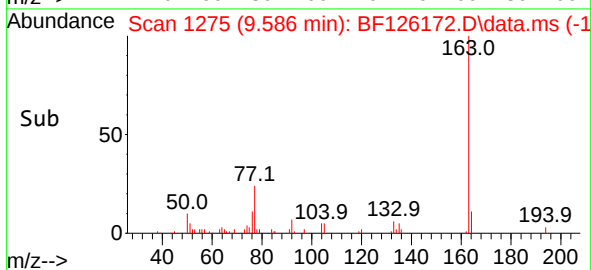
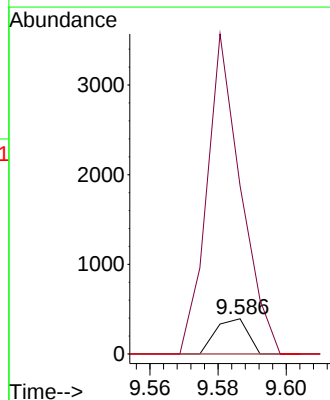
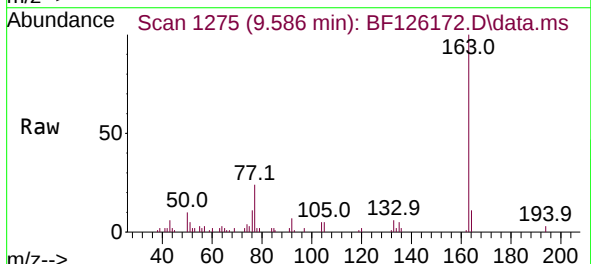
Tgt Ion: 65 Resp: 256

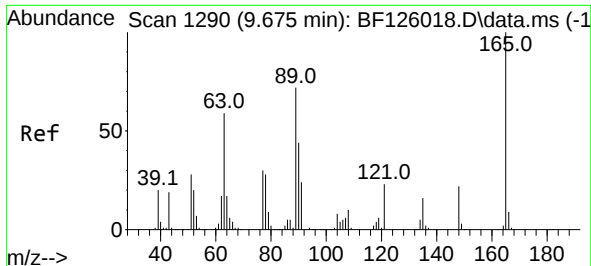
Ion Ratio Lower Upper

65 100

92 479.1 55.5 83.3#

138 0.0 93.5 140.3#

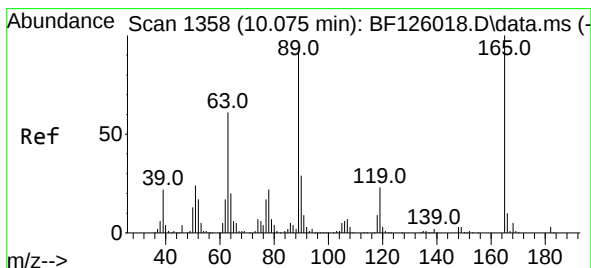
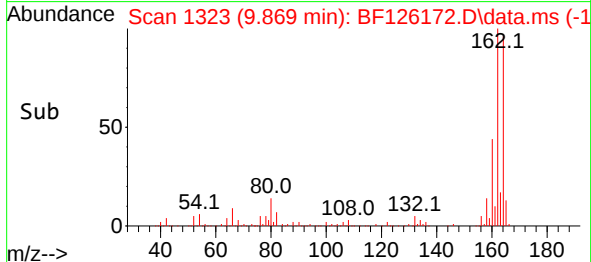
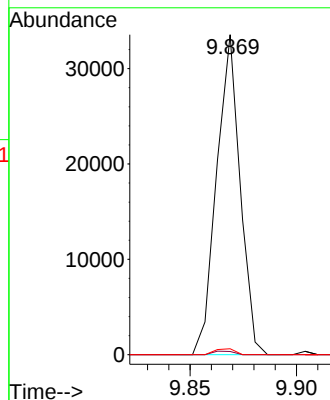
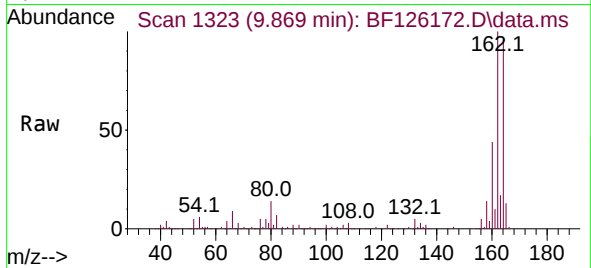




#51
2,6-Dinitrotoluene
Concen: 10.258 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

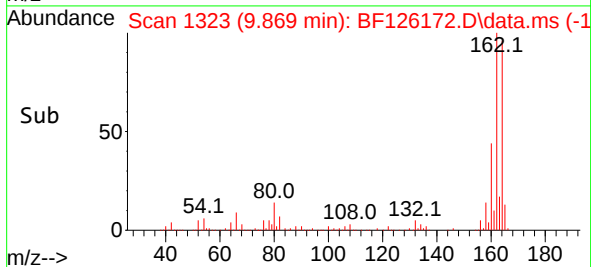
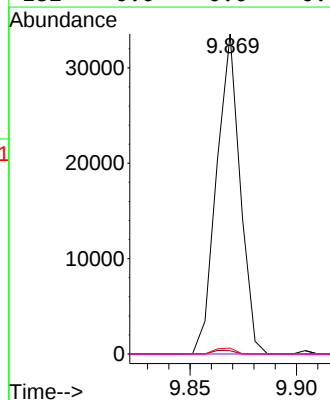
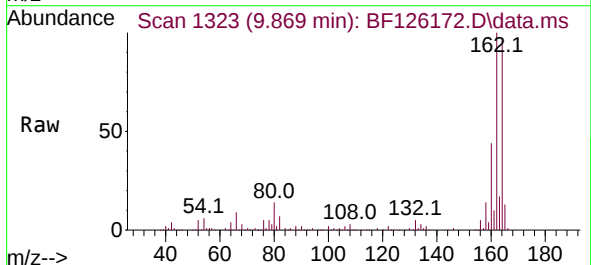
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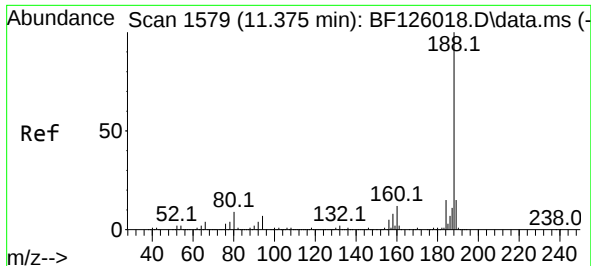
Tgt Ion:165 Resp: 25716
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.816 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

Tgt Ion:165 Resp: 25716
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.8 59.7 89.5#
182 0.0 0.0 0.0

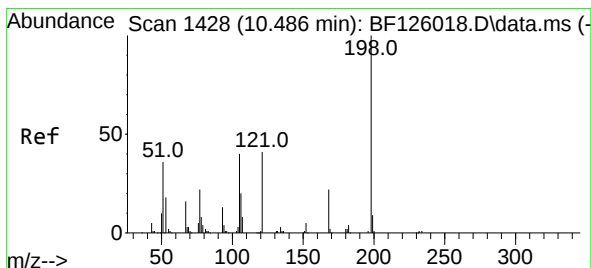
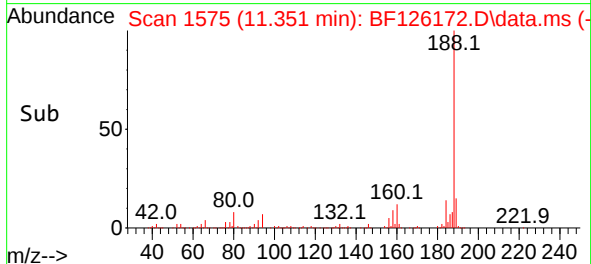
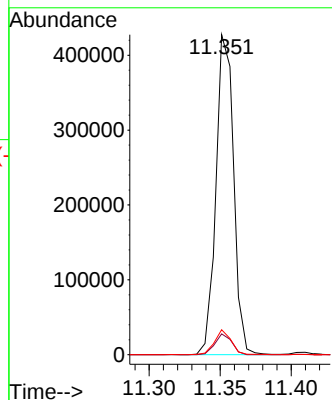
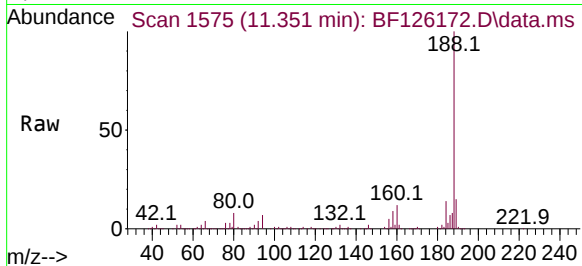




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

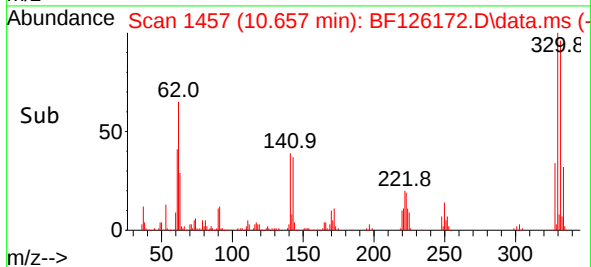
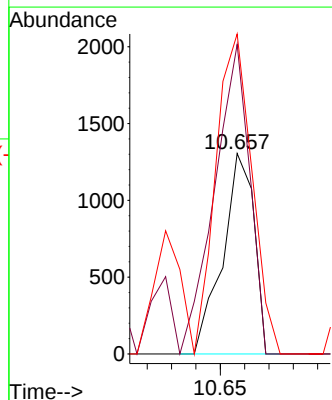
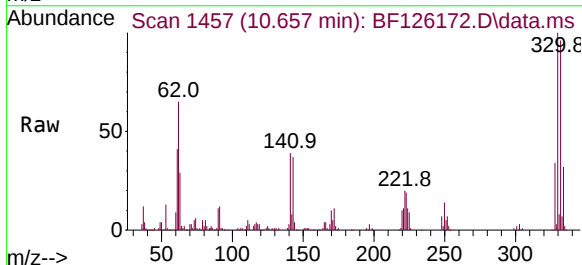
Instrument :
BNA_F
ClientSampleId :
WASTE-108

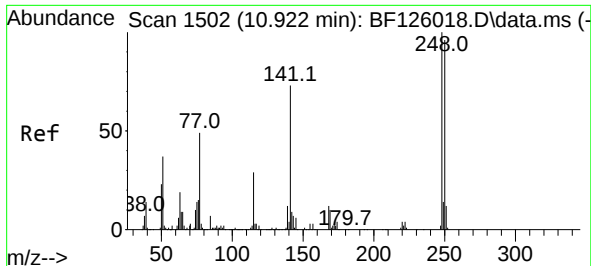
Tgt Ion:188 Resp: 369643
Ion Ratio Lower Upper
188 100
94 6.5 6.7 10.1#
80 7.8 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.859 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.188 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

Tgt Ion:198 Resp: 1167
Ion Ratio Lower Upper
198 100
51 154.4 45.3 85.3#
105 159.6 30.6 70.6#

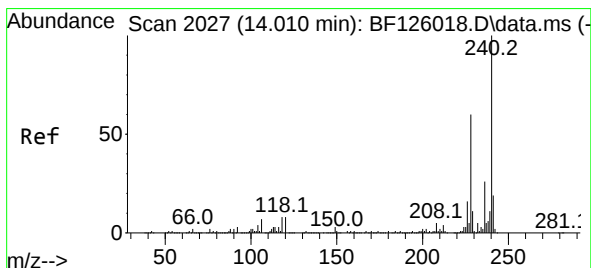
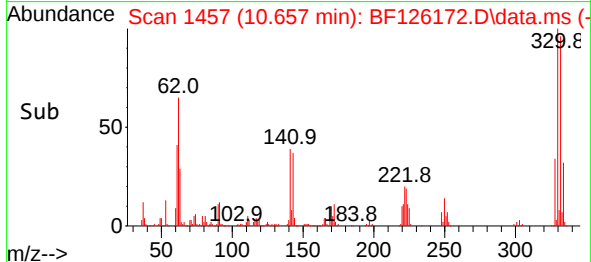
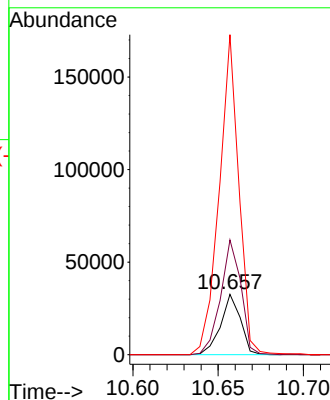
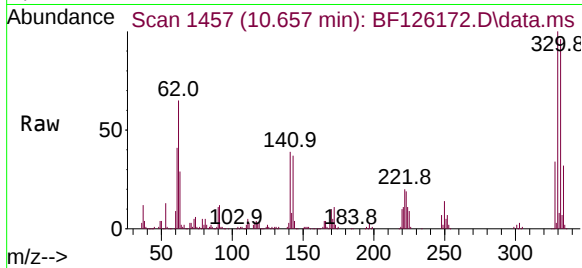




#67
4-Bromophenyl-phenylether
Concen: 5.893 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

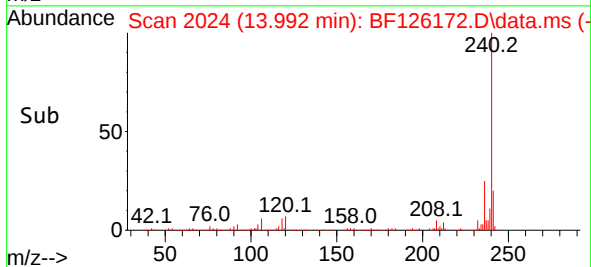
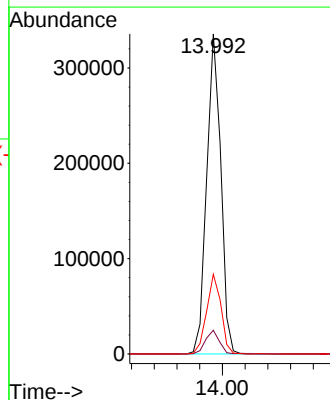
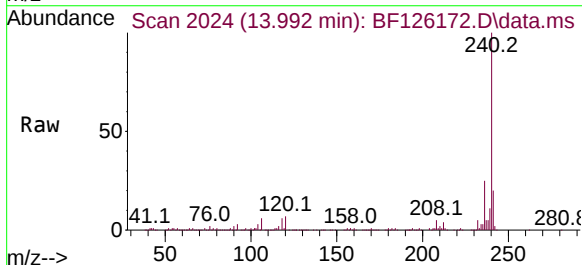
Instrument :
BNA_F
ClientSampleId :
WASTE-108

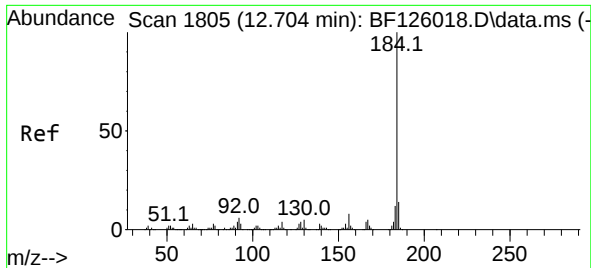
Tgt Ion:248 Resp: 26385
Ion Ratio Lower Upper
248 100
250 190.1 74.2 111.4#
141 530.4 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

Tgt Ion:240 Resp: 288983
Ion Ratio Lower Upper
240 100
120 7.4 10.8 16.2#
236 24.9 21.6 32.4

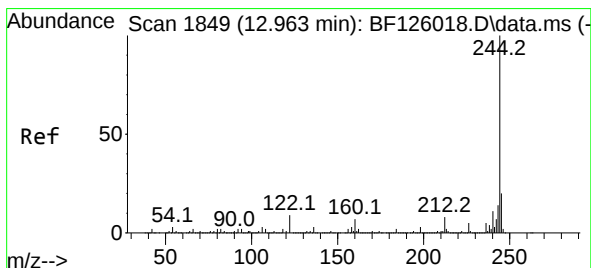
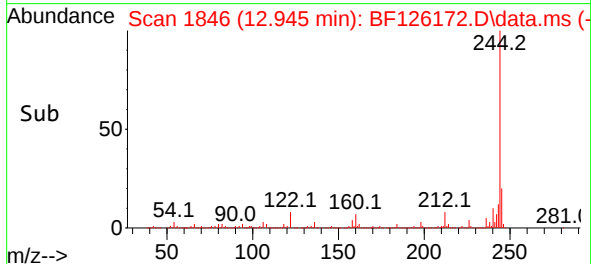
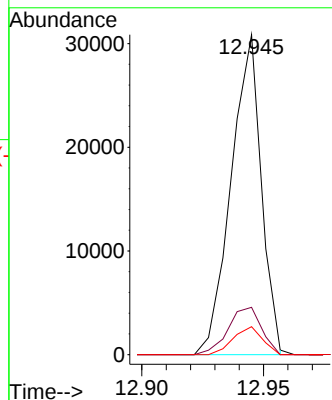
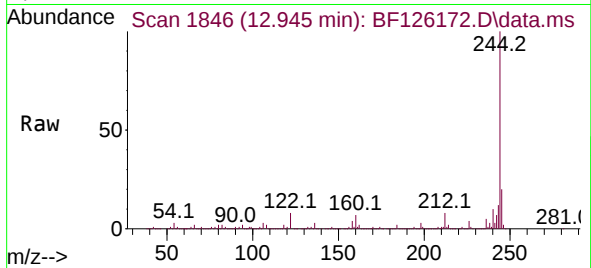




#77
Benzidine
Concen: 2.749 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.253 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

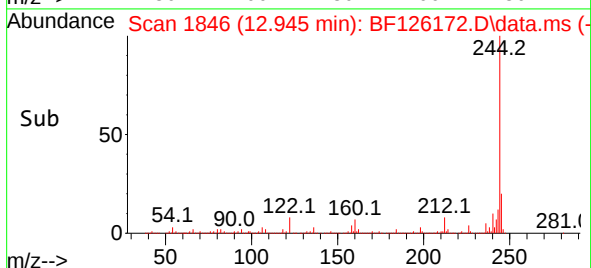
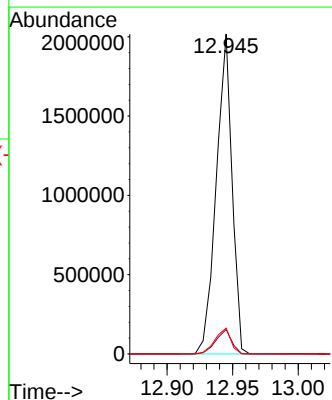
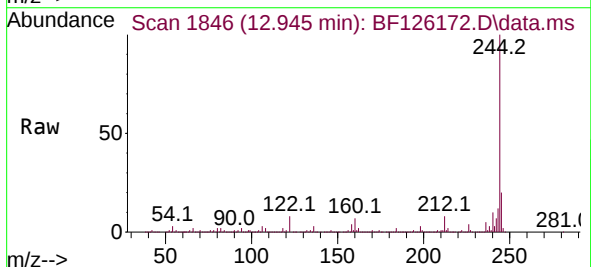
Instrument :
BNA_F
ClientSampleId :
WASTE-108

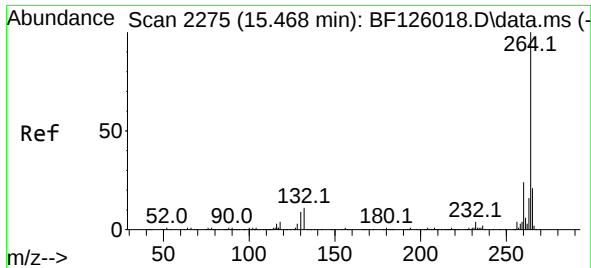
Tgt Ion:184 Resp: 26556
Ion Ratio Lower Upper
184 100
185 14.8 10.8 16.2
183 8.8 8.1 12.1



#79
Terphenyl-d14
Concen: 94.143 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF126172.D
Acq: 13 Nov 2021 17:13

Tgt Ion:244 Resp: 1687137
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 8.0 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126172.D
 Acq: 13 Nov 2021 17:13

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-108

Tgt Ion:264 Resp: 331054
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 21.3 17.2 25.8

