

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
 Data File : BF126855.D
 Acq On : 11 Feb 2022 13:22
 Operator : CG\JU
 Sample : PB142486BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142486BL

Quant Time: Feb 11 22:42:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

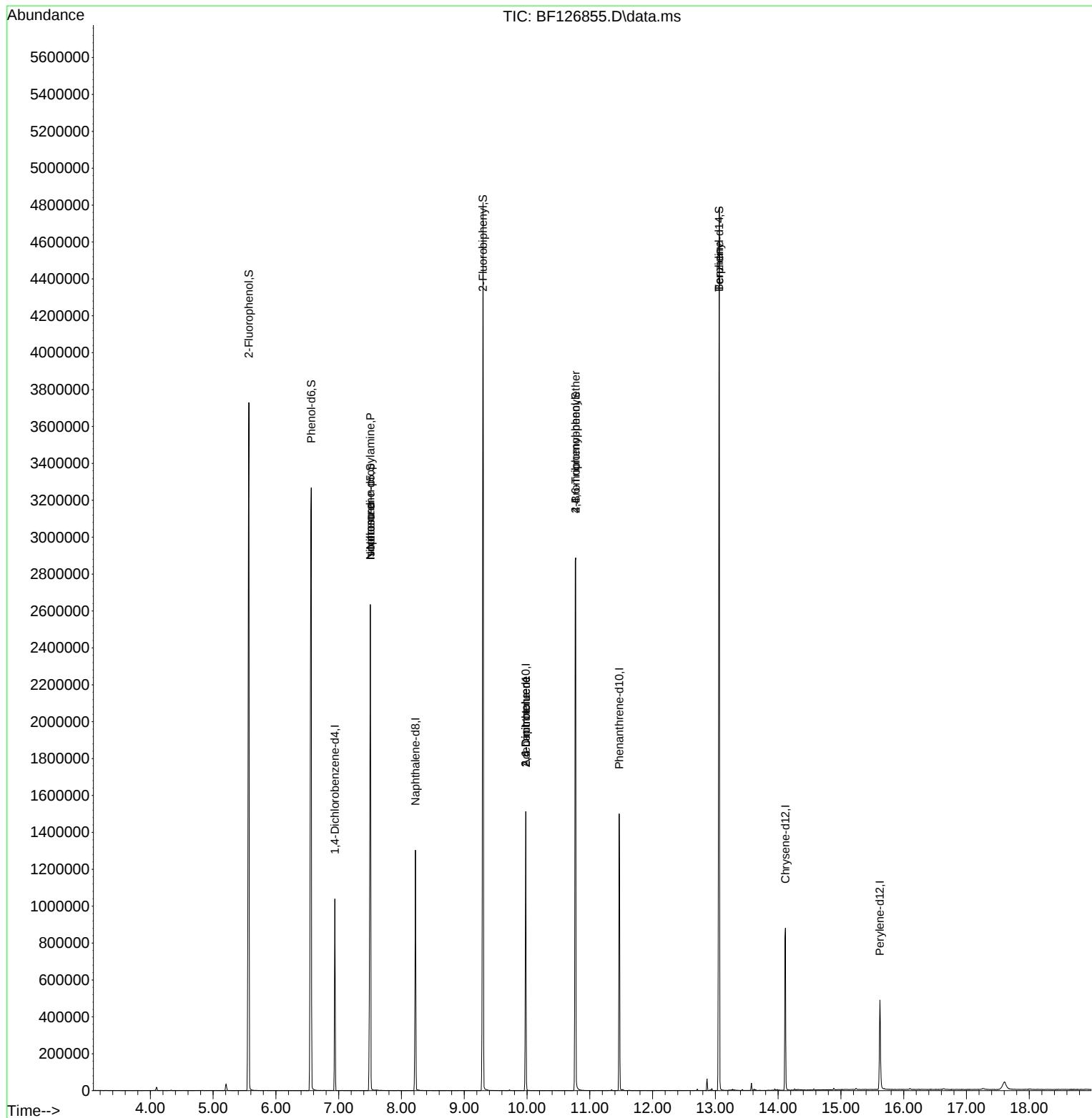
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	128956	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	523626	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	269244	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	479620	20.000	ng	0.00
76) Chrysene-d12	14.116	240	290055	20.000	ng	0.00
86) Perylene-d12	15.621	264	208299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1004995	119.990	ng	0.01
7) Phenol-d6	6.563	99	1334924	118.062	ng	0.00
23) Nitrobenzene-d5	7.504	82	948430	83.572	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	363205	125.829	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1430899	79.999	ng	0.00
79) Terphenyl-d14	13.063	244	1596925	78.927	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	127186	17.763	ng	# 78
25) Isophorone	7.504	82	948423	49.882	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	35141	9.110	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	35141	6.890	ng	# 16
67) 4-Bromophenyl-phenylether	10.775	248	21530	4.131	ng	# 1
77) Benzidine	13.063	184	23204	3.040	ng	96

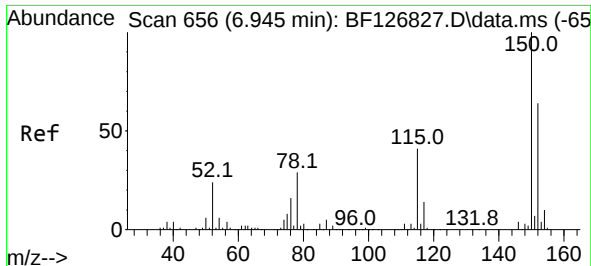
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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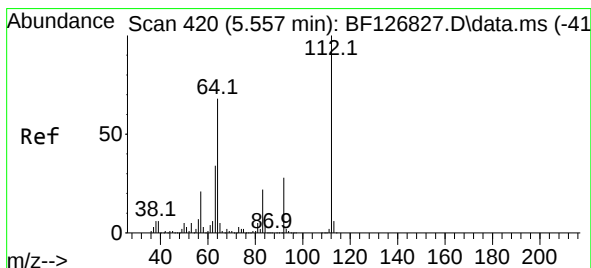
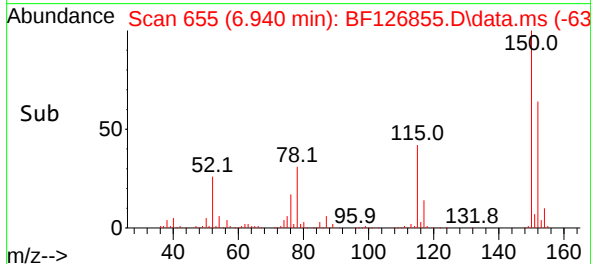
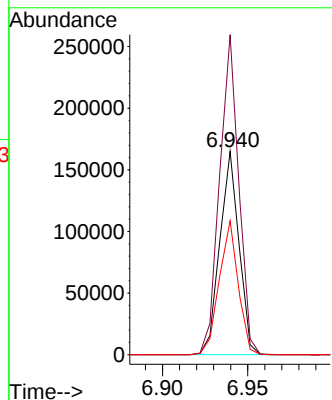
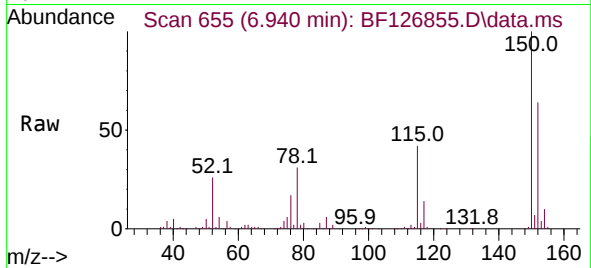




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.005 min
Lab File: BF126855.D
Acq: 11 Feb 2022 13:22

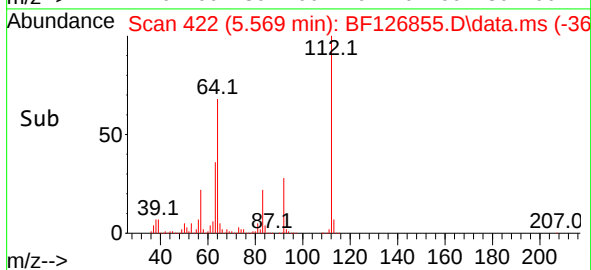
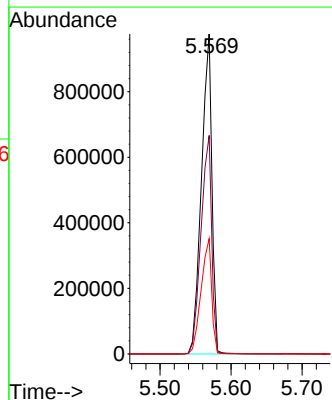
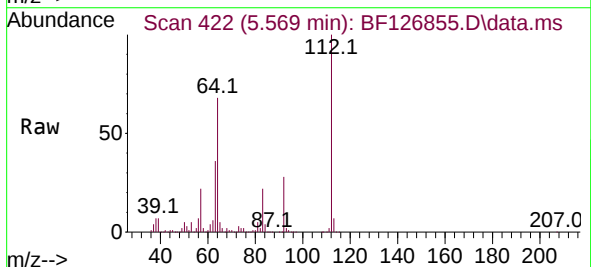
Instrument :
BNA_F
ClientSampleId :
PB142486BL

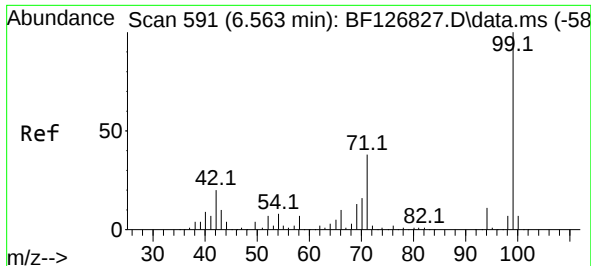
Tgt Ion:152 Resp: 128956
Ion Ratio Lower Upper
152 100
150 157.4 124.3 186.5
115 65.9 50.5 75.7



#5
2-Fluorophenol
Concen: 119.990 ng
RT: 5.569 min Scan# 422
Delta R.T. 0.012 min
Lab File: BF126855.D
Acq: 11 Feb 2022 13:22

Tgt Ion:112 Resp: 1004995
Ion Ratio Lower Upper
112 100
64 68.3 54.3 81.5
63 36.1 27.5 41.3

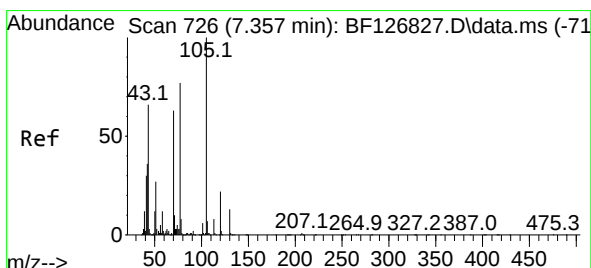
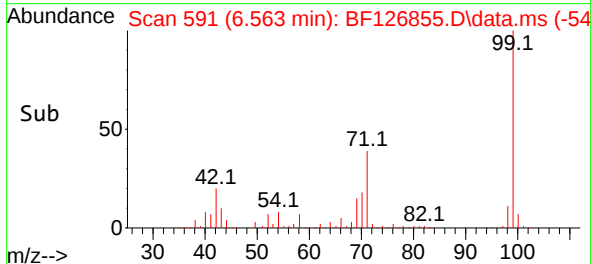
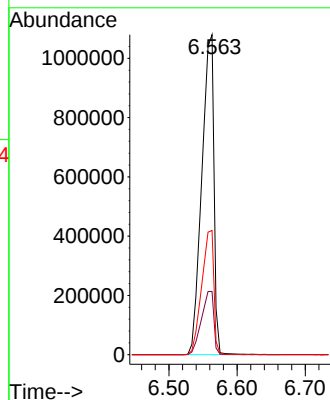
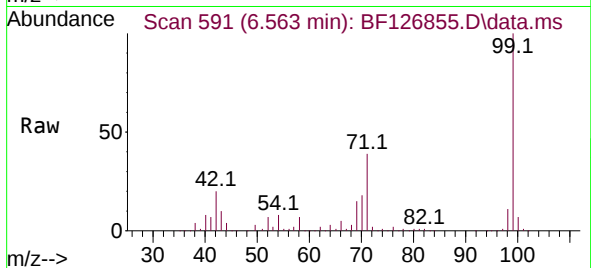




#7
Phenol-d6
Concen: 118.062 ng
RT: 6.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF126855.D
Acq: 11 Feb 2022 13:22

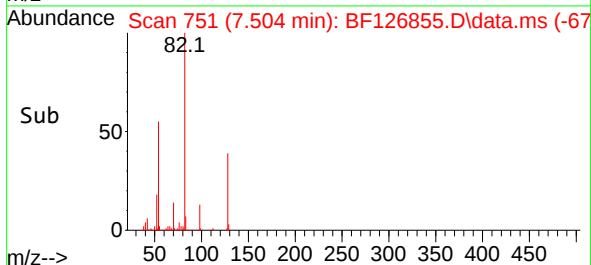
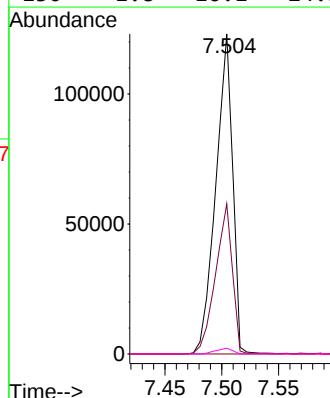
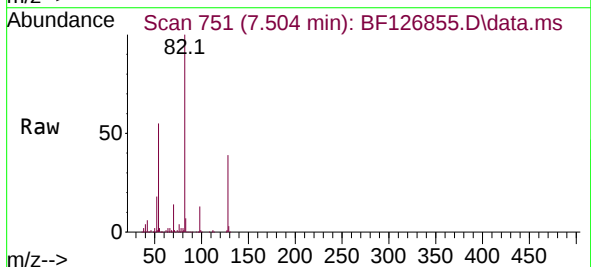
Instrument :
BNA_F
ClientSampleId :
PB142486BL

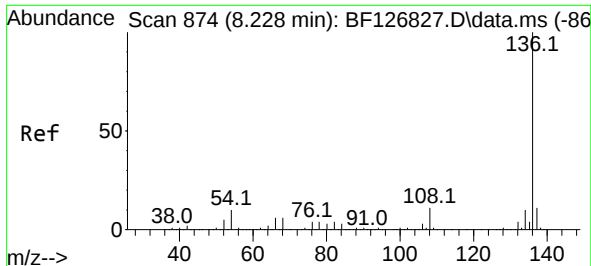
Tgt Ion: 99 Resp: 1334924
Ion Ratio Lower Upper
99 100
42 19.8 15.8 23.6
71 38.8 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.763 ng
RT: 7.504 min Scan# 751
Delta R.T. 0.147 min
Lab File: BF126855.D
Acq: 11 Feb 2022 13:22

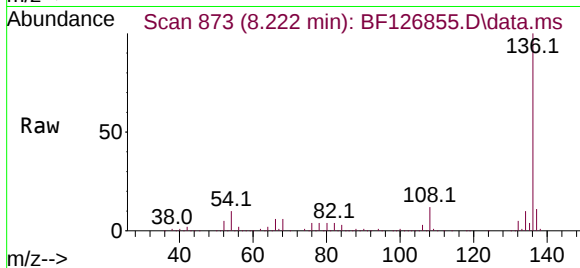
Tgt Ion: 70 Resp: 127186
Ion Ratio Lower Upper
70 100
42 46.9 46.3 69.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



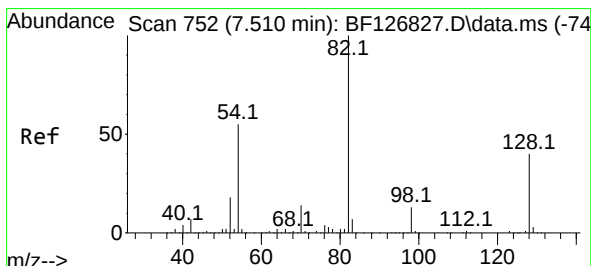
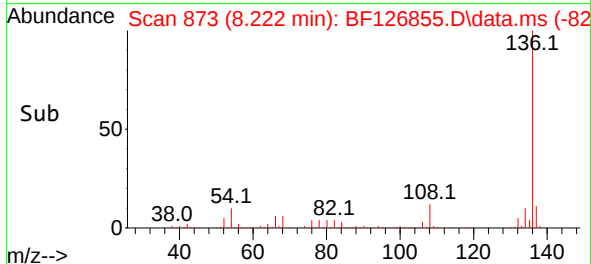
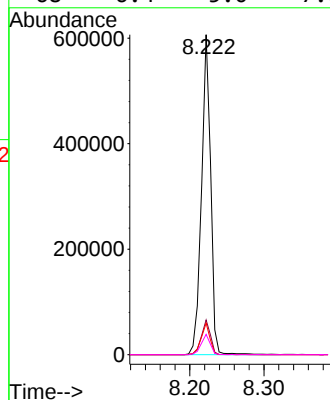


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126855.D
Acq: 11 Feb 2022 13:22

Instrument :
BNA_F
ClientSampleId :
PB142486BL

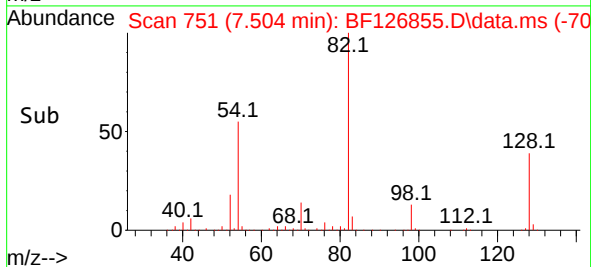
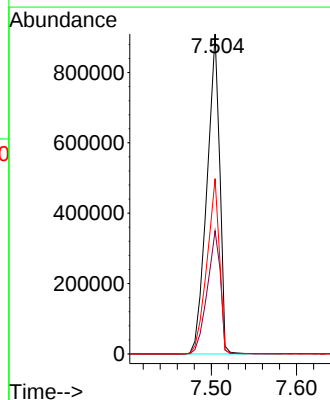
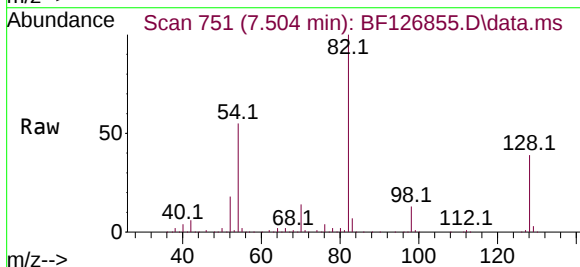


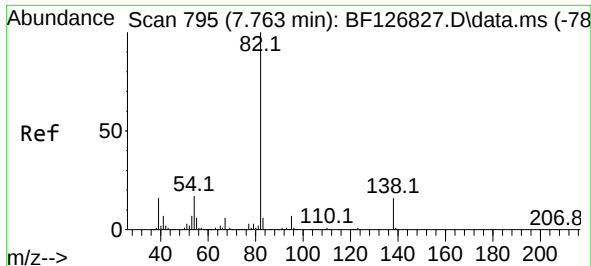
Tgt Ion:136	Resp: 523626
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 12.8
54 9.8	8.0 12.0
68 6.4	5.0 7.6



#23
Nitrobenzene-d5
Concen: 83.572 ng
RT: 7.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126855.D
Acq: 11 Feb 2022 13:22

Tgt Ion: 82	Resp: 948430
Ion Ratio	Lower Upper
82 100	
128 38.5	31.6 47.4
54 54.8	43.7 65.5

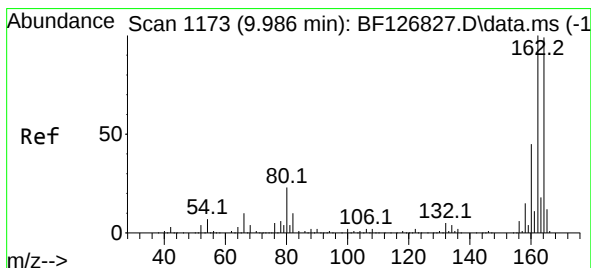
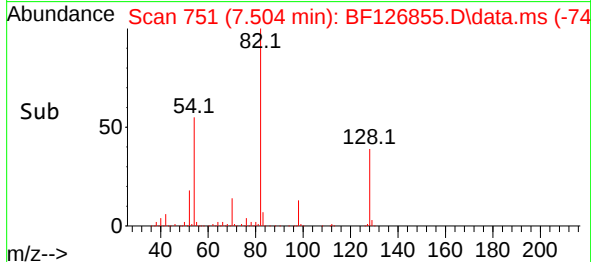
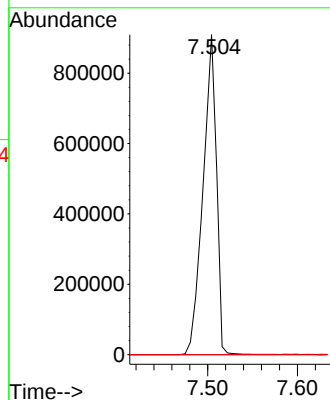
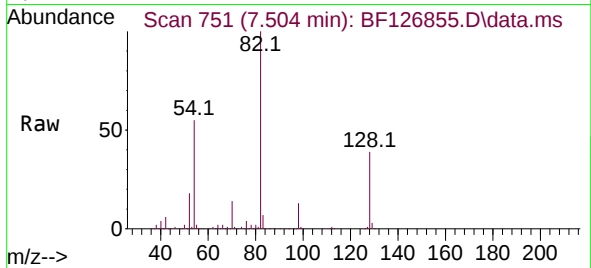




#25
Isophorone
Concen: 49.882 ng
RT: 7.504 min Scan# 71
Delta R.T. -0.259 min
Lab File: BF126855.D
Acq: 11 Feb 2022 13:22

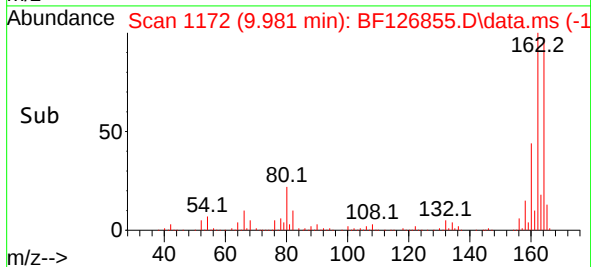
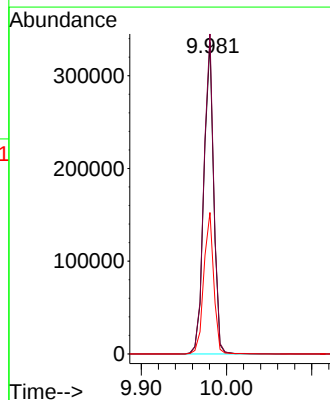
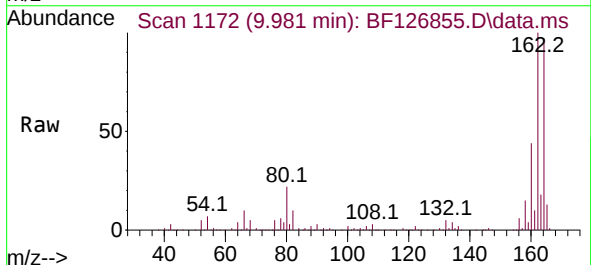
Instrument :
BNA_F
ClientSampleId :
PB142486BL

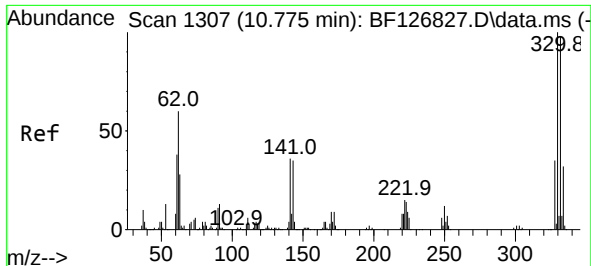
Tgt Ion: 82 Resp: 948423
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF126855.D
Acq: 11 Feb 2022 13:22

Tgt Ion: 164 Resp: 269244
Ion Ratio Lower Upper
164 100
162 102.7 80.9 121.3
160 45.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 125.829 ng

RT: 10.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF126855.D

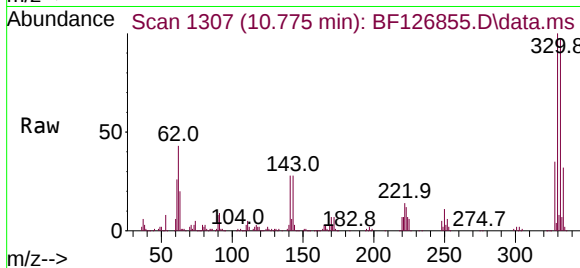
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Instrument :

BNA_F

ClientSampleId :

PB142486BL



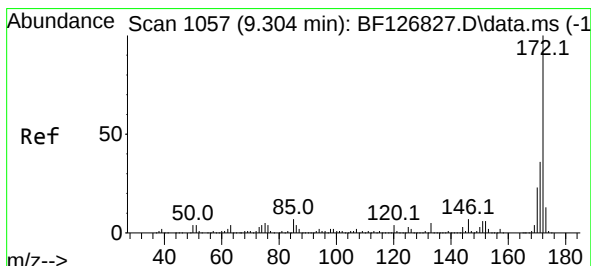
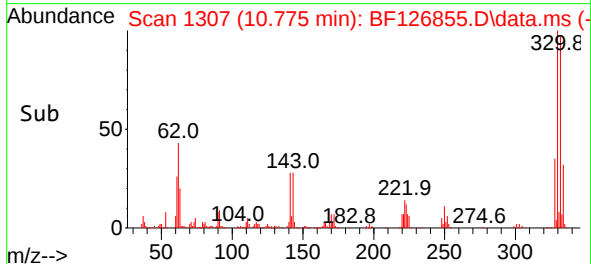
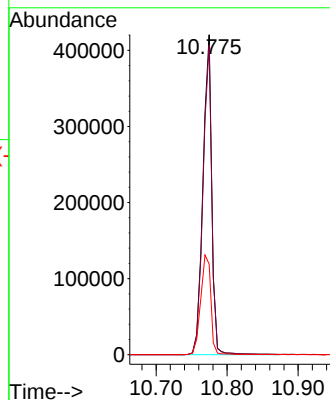
Tgt Ion:330 Resp: 363205

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.4

141 36.0 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 79.999 ng

RT: 9.298 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF126855.D

Acq: 11 Feb 2022 13:22

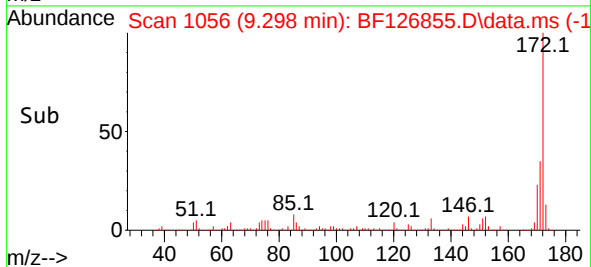
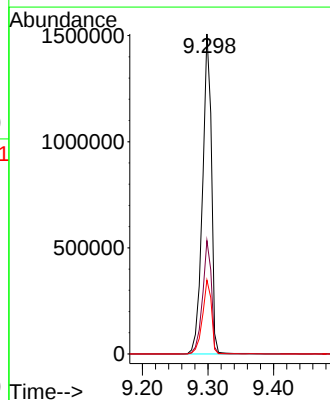
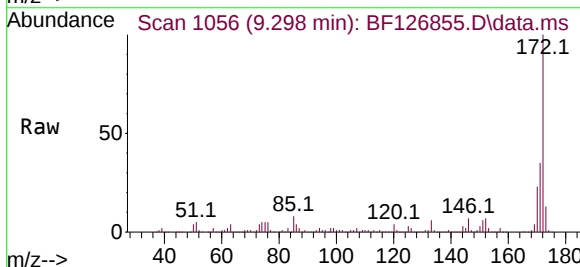
Tgt Ion:172 Resp: 1430899

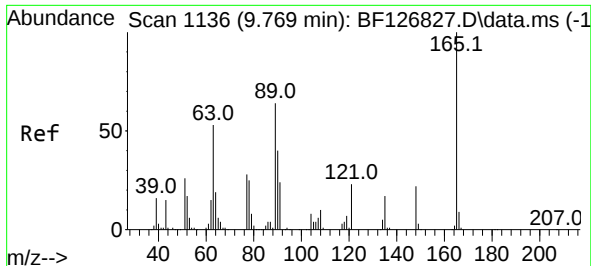
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.1 18.7 28.1

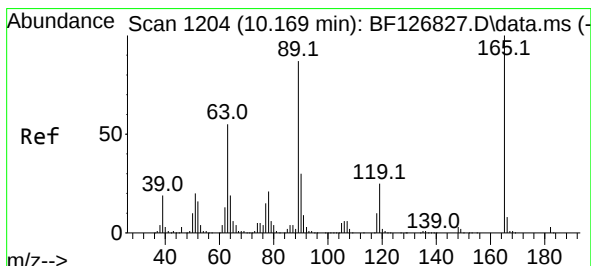
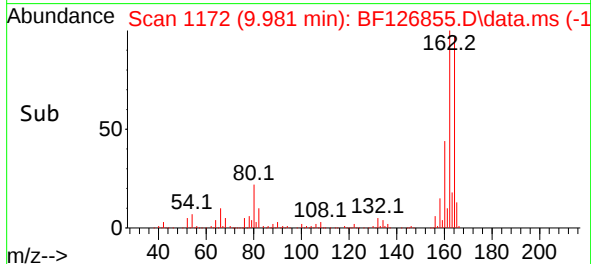
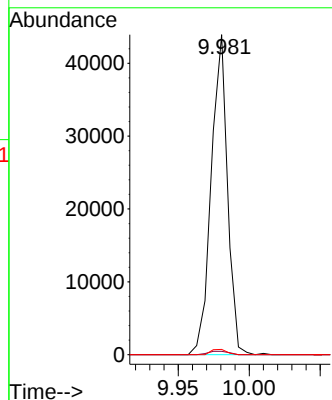
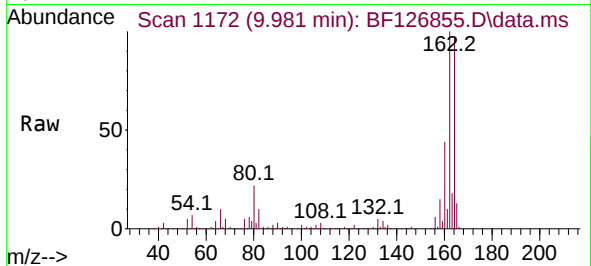




#51
2,6-Dinitrotoluene
Concen: 9.110 ng
RT: 9.981 min Scan# 1172
Delta R.T. 0.212 min
Lab File: BF126855.D
Acq: 11 Feb 2022 13:22

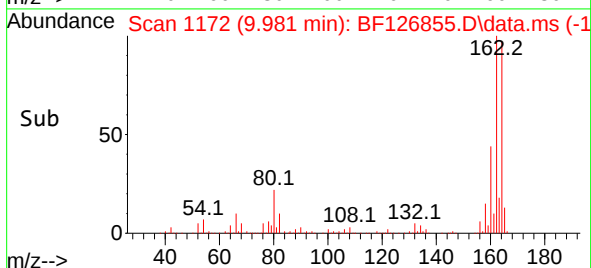
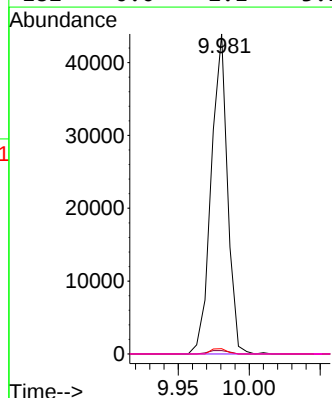
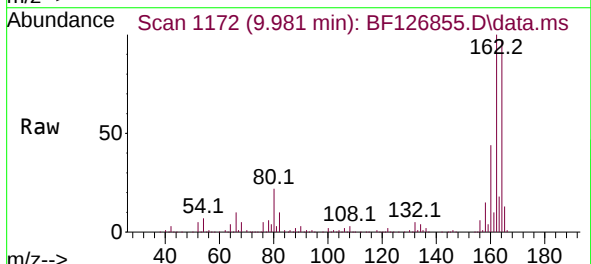
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PB142486BL

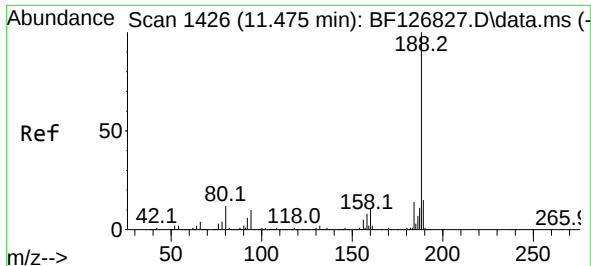
Tgt Ion:165 Resp: 35141
Ion Ratio Lower Upper
165 100
63 1.1 49.9 74.9#
89 1.6 51.0 76.4#



#57
2,4-Dinitrotoluene
Concen: 6.890 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.188 min
Lab File: BF126855.D
Acq: 11 Feb 2022 13:22

Tgt Ion:165 Resp: 35141
Ion Ratio Lower Upper
165 100
63 1.1 43.9 65.9#
89 1.6 69.8 104.8#
182 0.0 2.1 3.1#

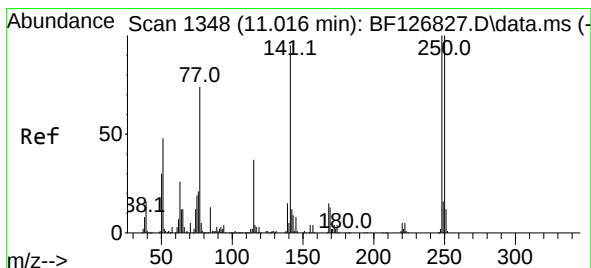
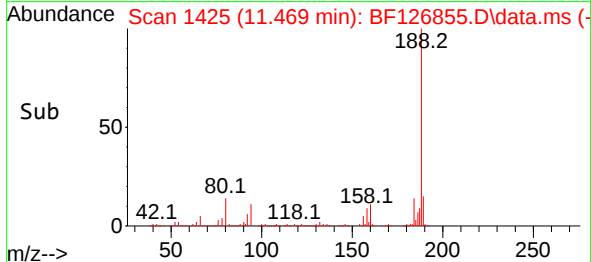
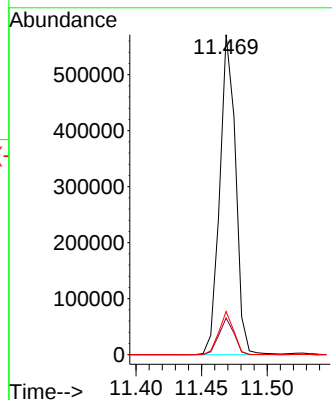
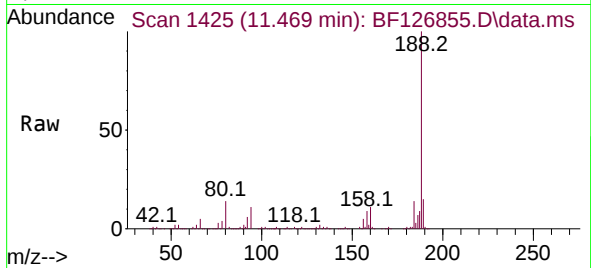




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF126855.D
Acq: 11 Feb 2022 13:22

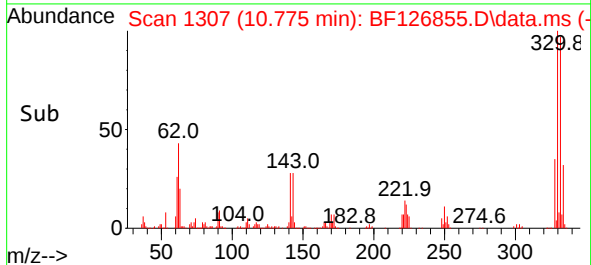
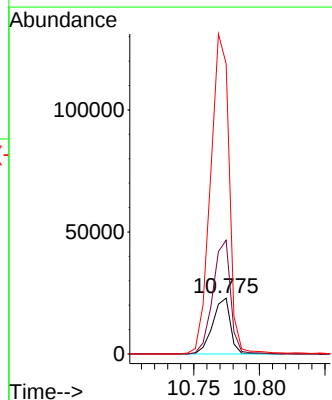
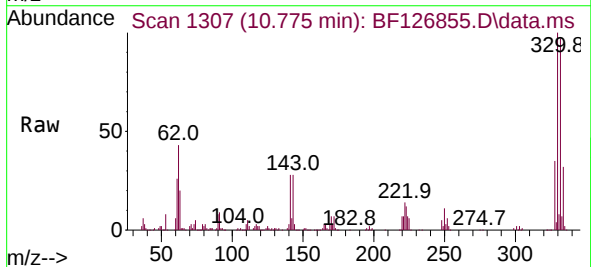
Instrument :
BNA_F
ClientSampleId :
PB142486BL

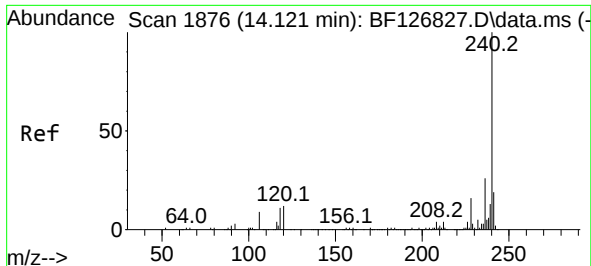
Tgt Ion:188 Resp: 479620
Ion Ratio Lower Upper
188 100
94 11.4 8.1 12.1
80 13.5 9.5 14.3



#67
4-Bromophenyl-phenylether
Concen: 4.131 ng
RT: 10.775 min Scan# 1307
Delta R.T. -0.241 min
Lab File: BF126855.D
Acq: 11 Feb 2022 13:22

Tgt Ion:248 Resp: 21530
Ion Ratio Lower Upper
248 100
250 203.6 80.0 120.0#
141 519.2 75.6 113.4#

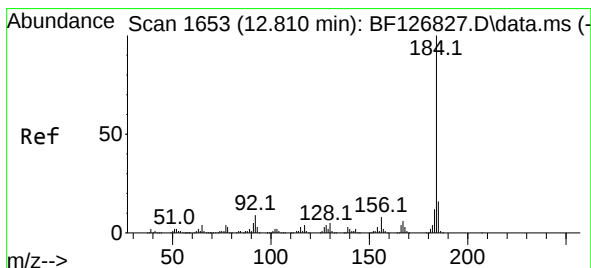
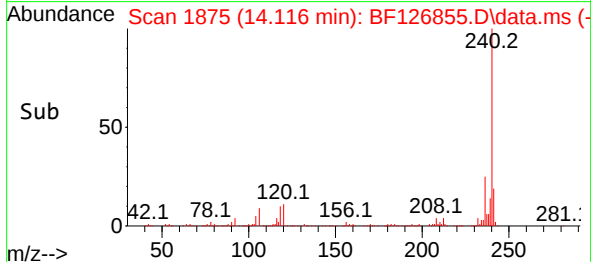
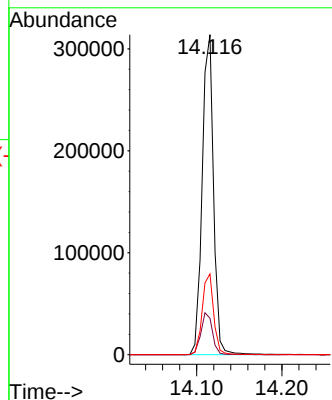
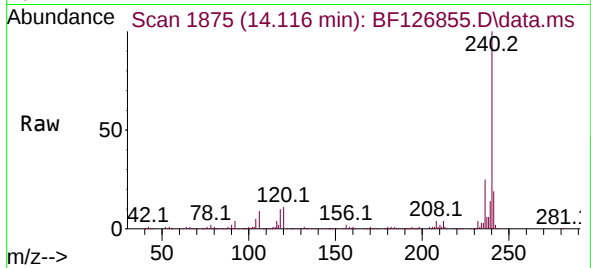




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126855.D
Acq: 11 Feb 2022 13:22

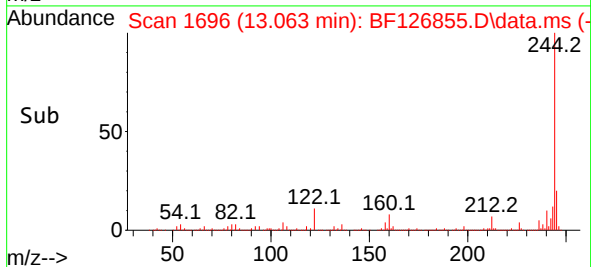
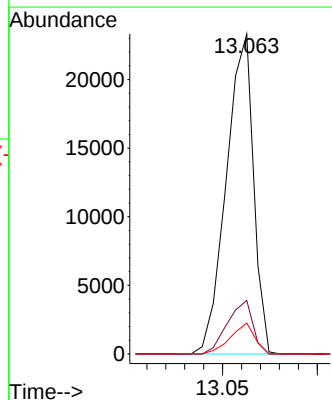
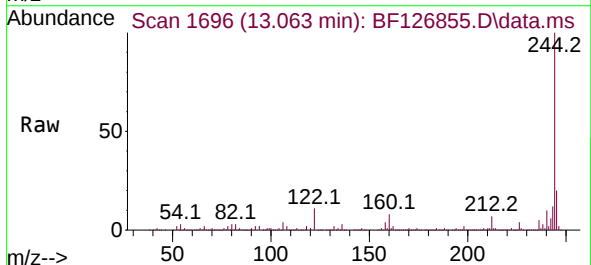
Instrument :
BNA_F
ClientSampleId :
PB142486BL

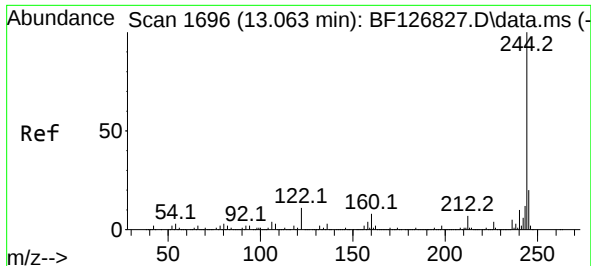
Tgt Ion:240 Resp: 290055
Ion Ratio Lower Upper
240 100
120 11.4 9.8 14.6
236 25.2 20.5 30.7



#77
Benzidine
Concen: 3.040 ng
RT: 13.063 min Scan# 1696
Delta R.T. 0.253 min
Lab File: BF126855.D
Acq: 11 Feb 2022 13:22

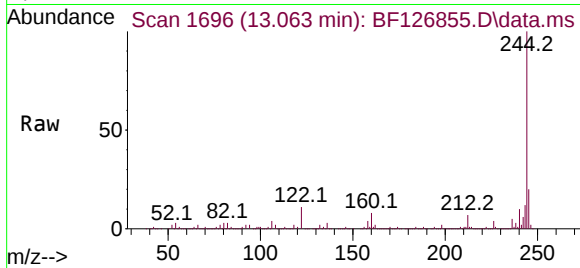
Tgt Ion:184 Resp: 23204
Ion Ratio Lower Upper
184 100
185 16.7 12.5 18.7
183 9.6 9.6 14.4



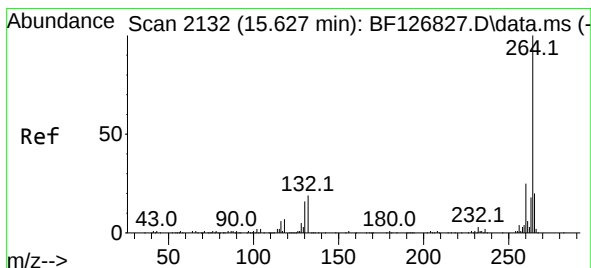
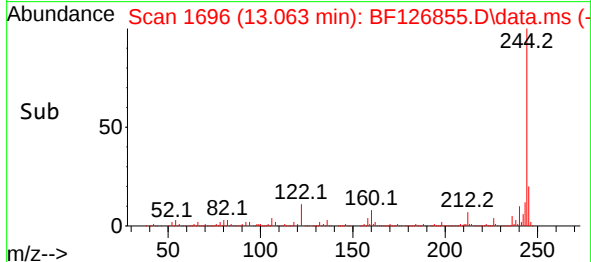
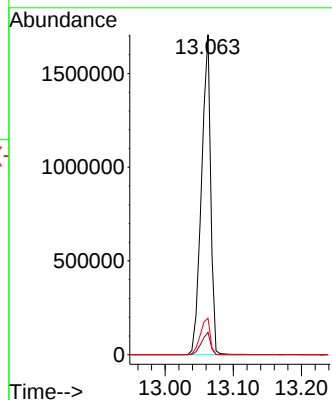


#79
 Terphenyl-d14
 Concen: 78.927 ng
 RT: 13.063 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF126855.D
 Acq: 11 Feb 2022 13:22

Instrument :
 BNA_F
 ClientSampleId :
 PB142486BL



Tgt Ion:244 Resp: 1596925
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.3 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BF126855.D
 Acq: 11 Feb 2022 13:22

Tgt Ion:264 Resp: 208299
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 21.5 15.9 23.9

