

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126127.D
 Acq On : 11 Nov 2021 15:54
 Operator : JU/CG
 Sample : PB140700BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140700BL

Quant Time: Nov 11 17:35:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

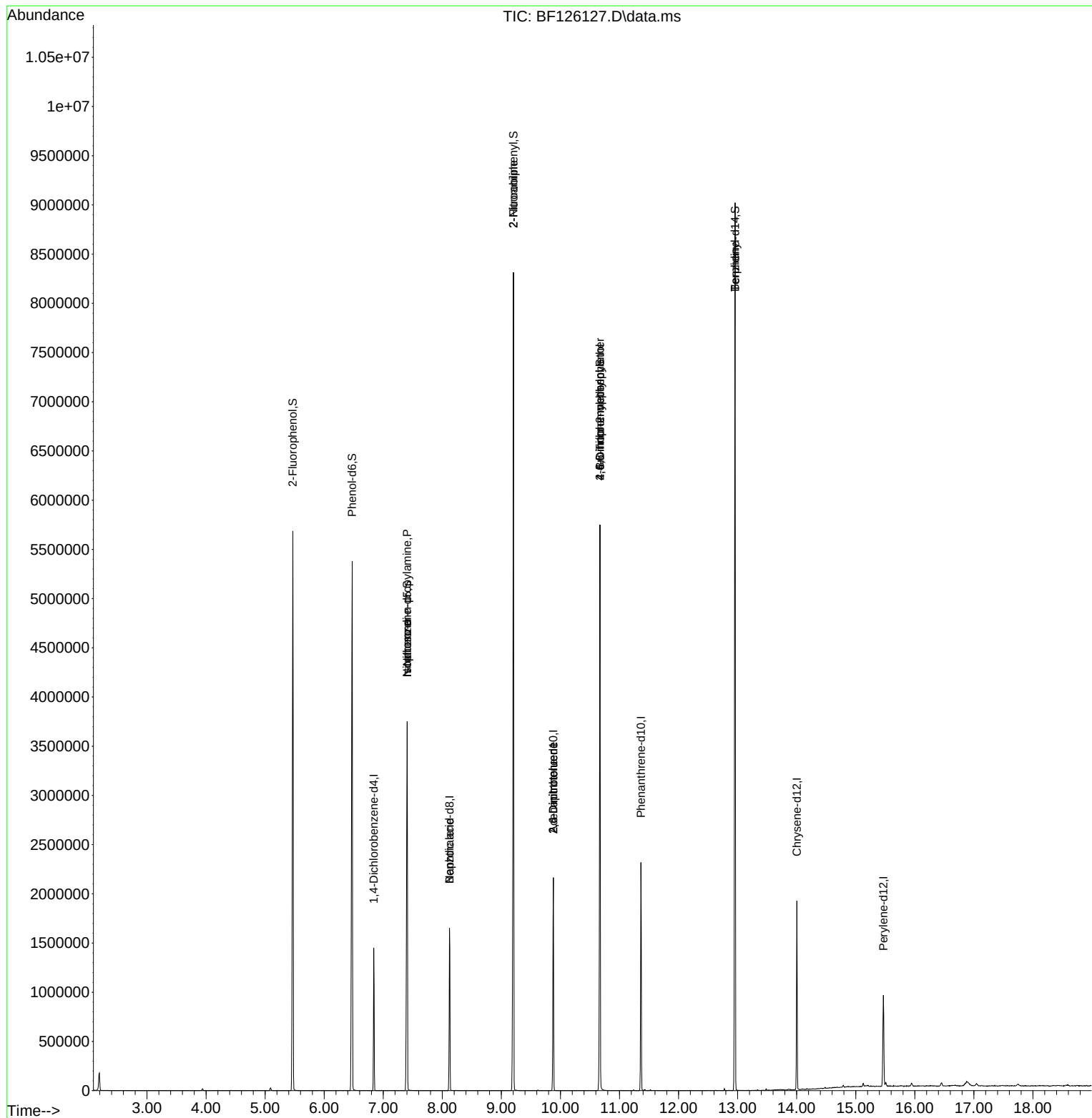
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	191409	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	700804	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	425090	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	812247	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	604509	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	432829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1383789	124.151	ng	0.00
7) Phenol-d6	6.475	99	1779923	113.282	ng	-0.01
23) Nitrobenzene-d5	7.404	82	1287557	86.646	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	636041	130.562	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	2431678	77.303	ng	-0.01
79) Terphenyl-d14	12.957	244	2962003	79.012	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	3726	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	182665	17.635	ng	# 60
25) Isophorone	7.404	82	1283895	47.988	ng	# 59
32) Benzoic acid	8.122	122	226	9.172	ng	# 1
48) 2-Nitroaniline	9.204	65	4549	3.355	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	54572	10.287	ng	# 28
57) 2,4-Dinitrotoluene	9.880	165	54572	9.836	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.669	198	1722	8.681	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	41923	4.261	ng	# 1
77) Benzidine	12.957	184	45374	2.245	ng	95

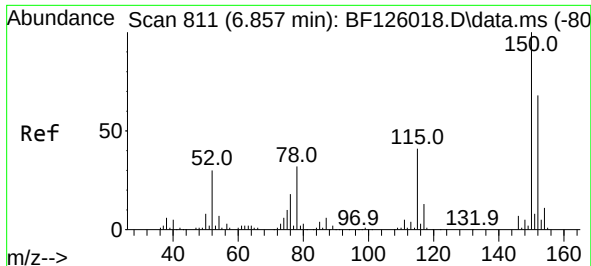
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126127.D
Acq On : 11 Nov 2021 15:54
Operator : JU/CG
Sample : PB140700BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB140700BL

Quant Time: Nov 11 17:35:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

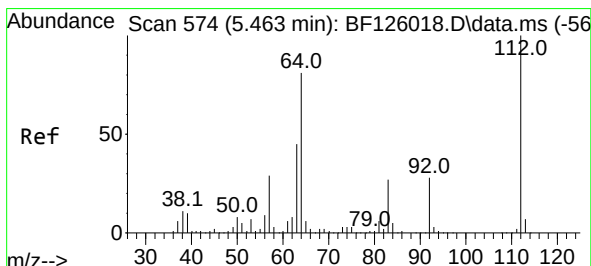
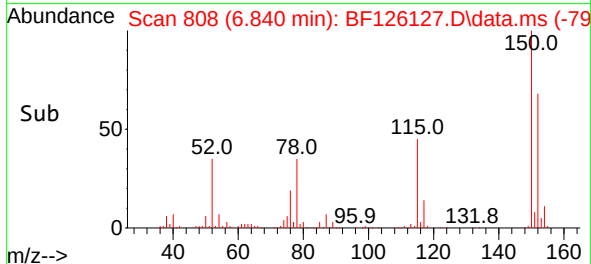
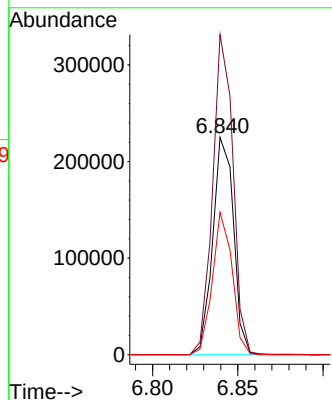
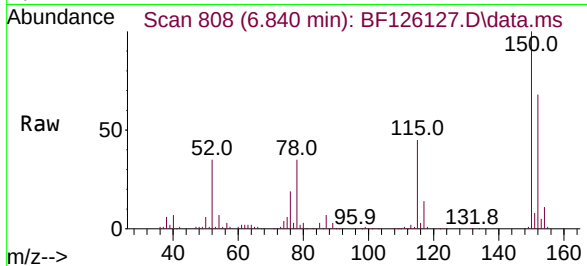




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.017 min
Lab File: BF126127.D
Acq: 11 Nov 2021 15:54

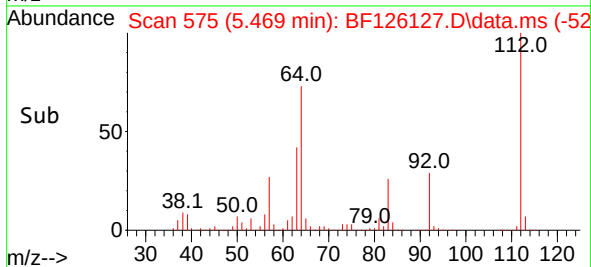
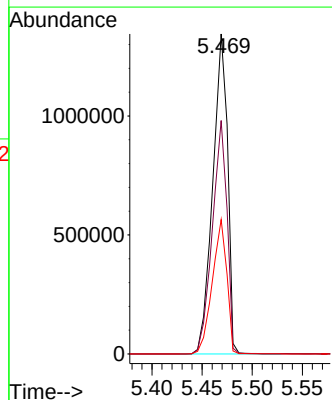
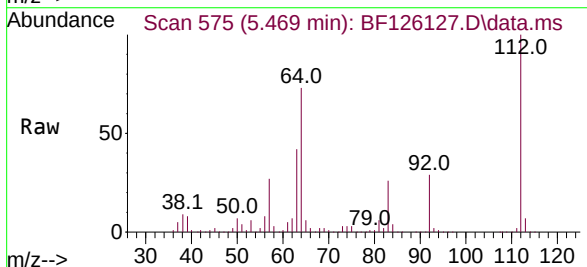
Instrument :
BNA_F
ClientSampleId :
PB140700BL

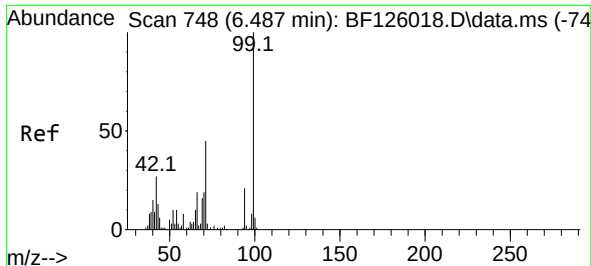
Tgt Ion:152 Resp: 191409
Ion Ratio Lower Upper
152 100
150 147.3 117.6 176.4
115 65.6 47.1 70.7



#5
2-Fluorophenol
Concen: 124.151 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126127.D
Acq: 11 Nov 2021 15:54

Tgt Ion:112 Resp: 1383789
Ion Ratio Lower Upper
112 100
64 72.9 44.2 66.2#
63 42.0 26.2 39.2#

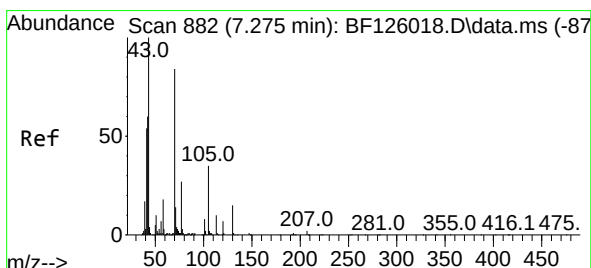
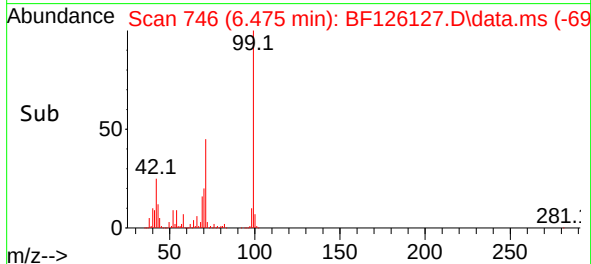
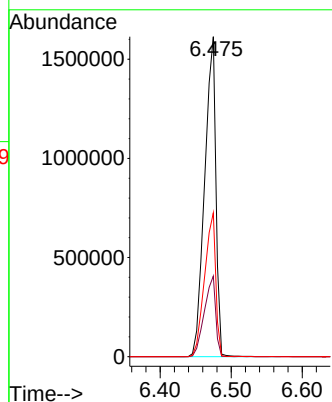
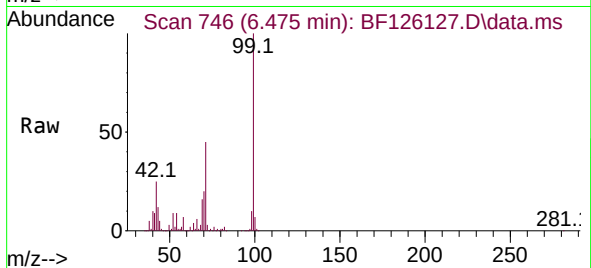




#7
Phenol-d6
Concen: 113.282 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126127.D
Acq: 11 Nov 2021 15:54

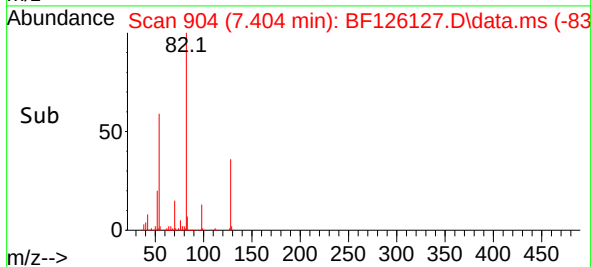
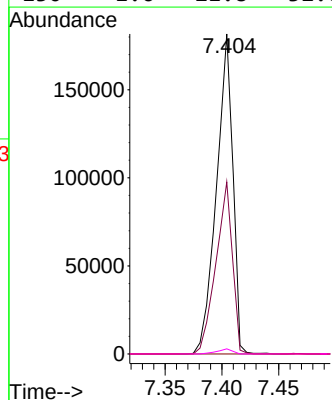
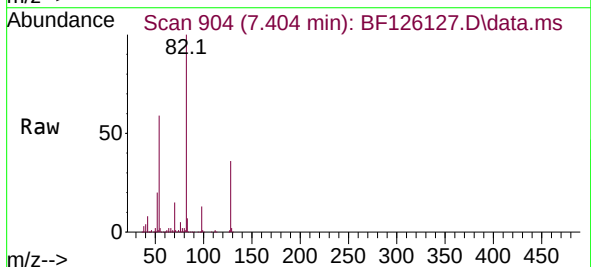
Instrument :
BNA_F
ClientSampleId :
PB140700BL

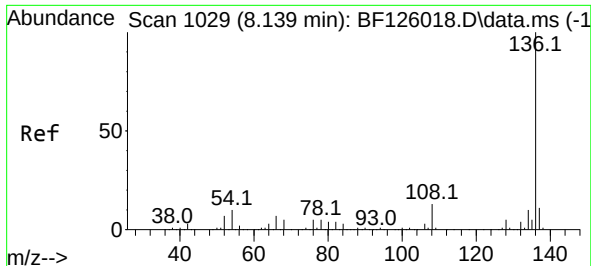
Tgt Ion: 99 Resp: 1779923
Ion Ratio Lower Upper
99 100
42 25.2 23.5 35.3
71 45.0 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.635 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF126127.D
Acq: 11 Nov 2021 15:54

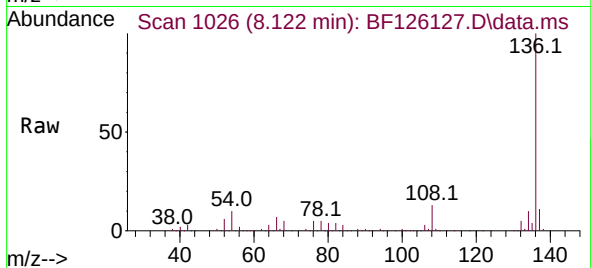
Tgt Ion: 70 Resp: 182665
Ion Ratio Lower Upper
70 100
42 53.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#



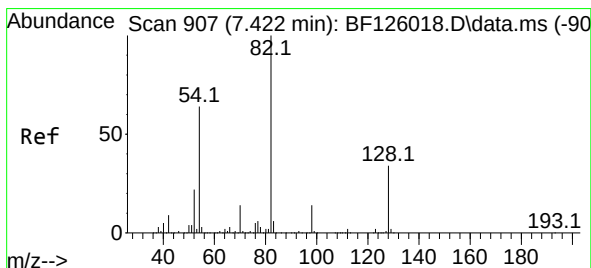
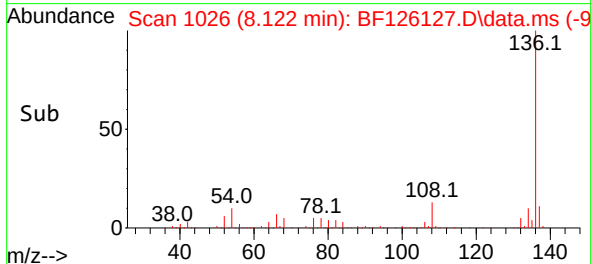
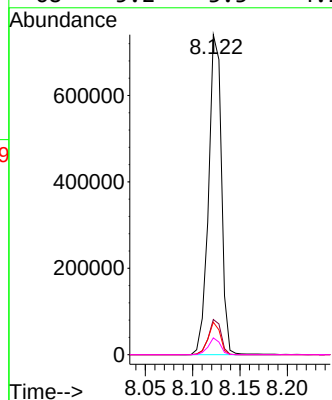


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126127.D
Acq: 11 Nov 2021 15:54

Instrument :
BNA_F
ClientSampleId :
PB140700BL

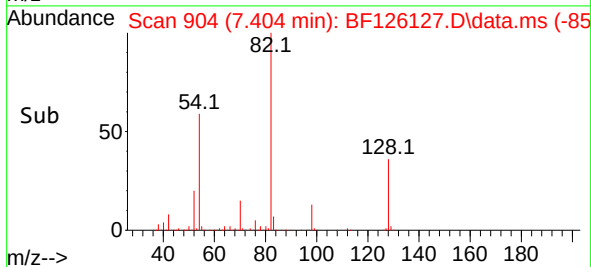
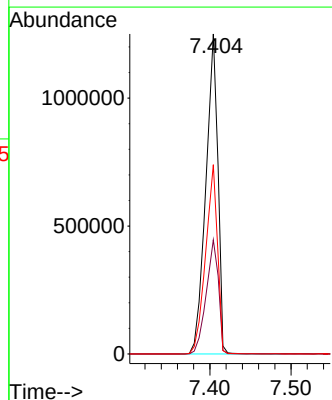
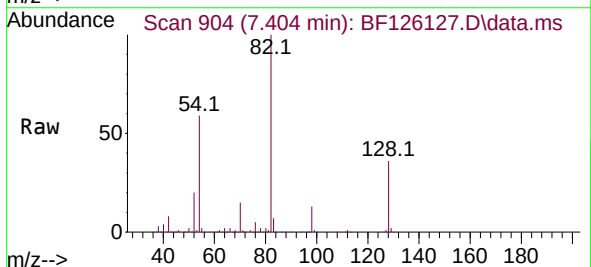


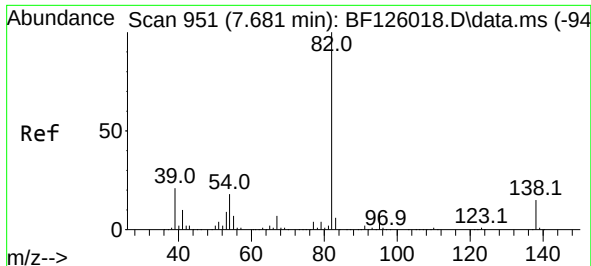
Tgt Ion:136 Resp: 700804
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 10.1 6.4 9.6#
68 5.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 86.646 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126127.D
Acq: 11 Nov 2021 15:54

Tgt Ion: 82 Resp: 1287557
Ion Ratio Lower Upper
82 100
128 35.7 40.6 60.8#
54 59.2 49.6 74.4

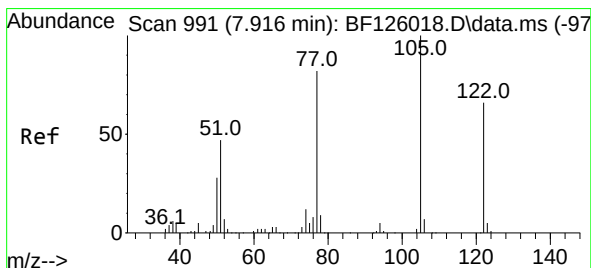
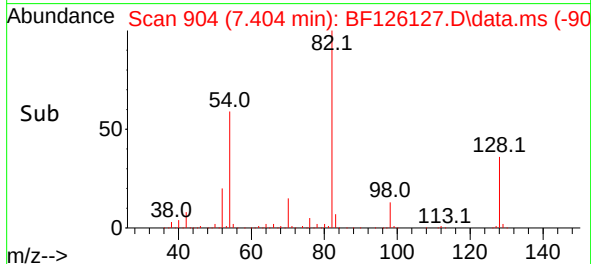
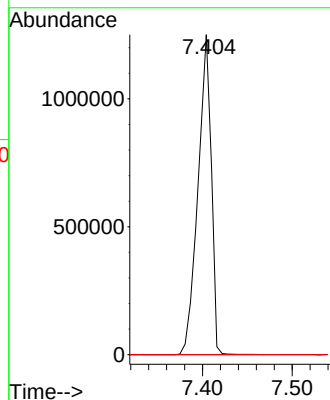
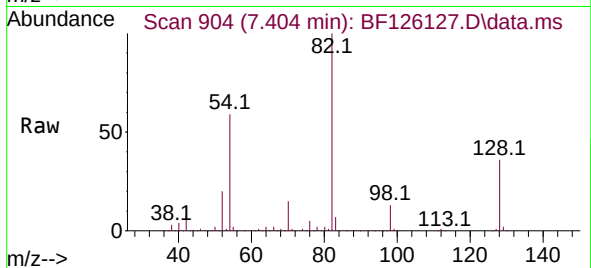




#25
Isophorone
Concen: 47.988 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.277 min
Lab File: BF126127.D
Acq: 11 Nov 2021 15:54

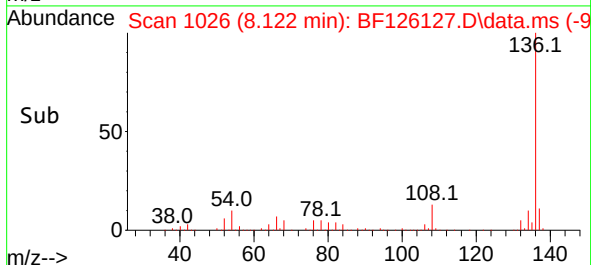
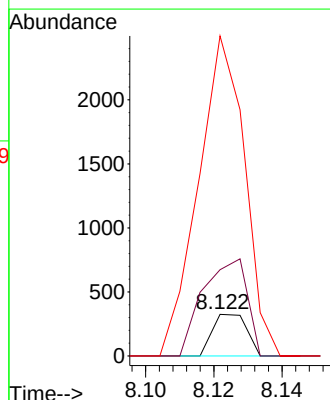
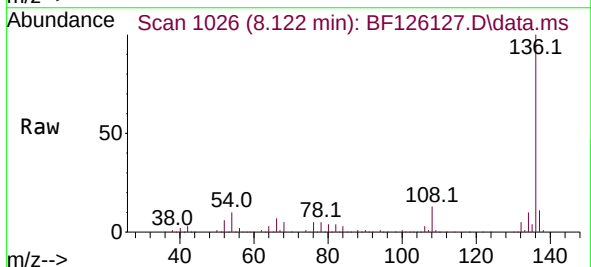
Instrument :
BNA_F
ClientSampleId :
PB140700BL

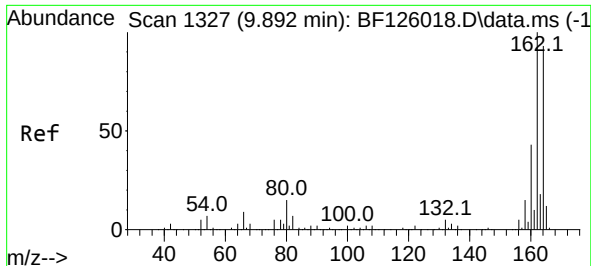
Tgt Ion: 82 Resp: 1283895
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.172 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.206 min
Lab File: BF126127.D
Acq: 11 Nov 2021 15:54

Tgt Ion: 122 Resp: 226
Ion Ratio Lower Upper
122 100
105 207.4 97.6 137.6#
77 768.9 59.6 99.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF126127.D

Acq: 11 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140700BL

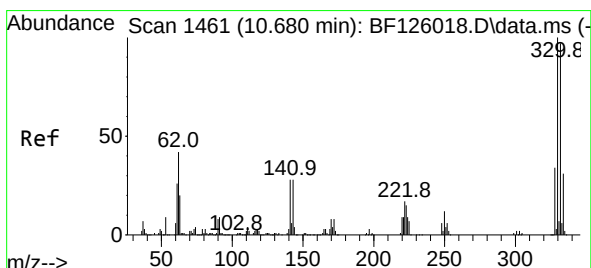
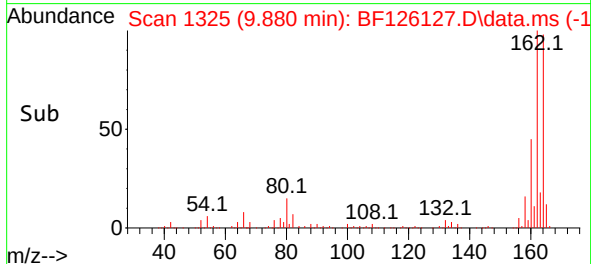
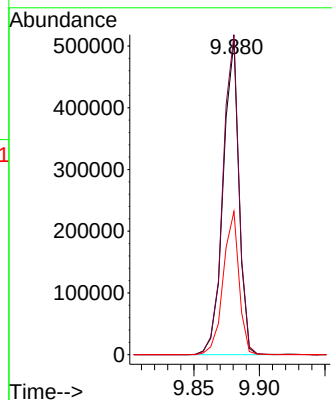
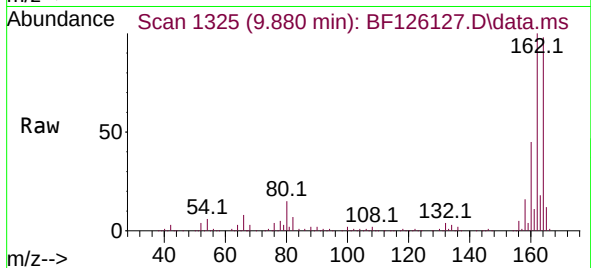
Tgt Ion:164 Resp: 425090

Ion Ratio Lower Upper

164 100

162 101.9 81.3 121.9

160 45.6 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 130.562 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.012 min

Lab File: BF126127.D

Acq: 11 Nov 2021 15:54

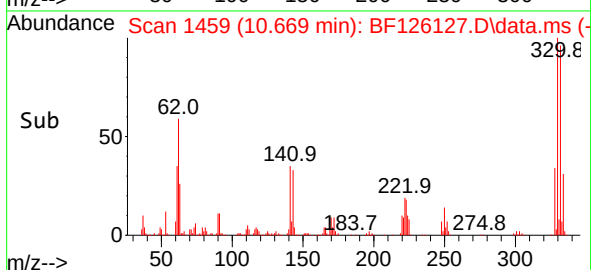
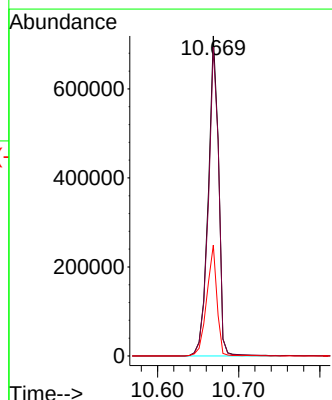
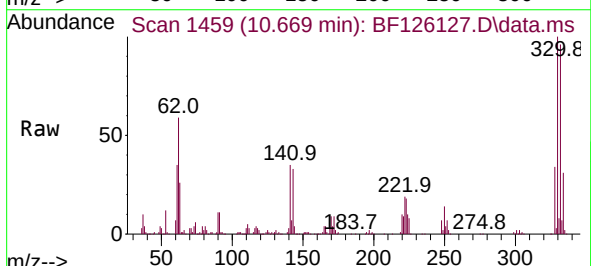
Tgt Ion:330 Resp: 636041

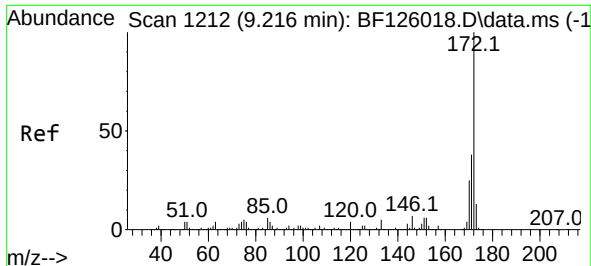
Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.4

141 34.2 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 77.303 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF126127.D

Acq: 11 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140700BL

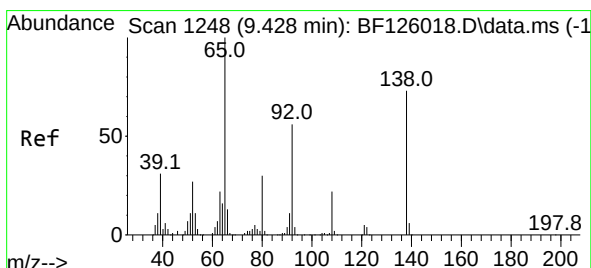
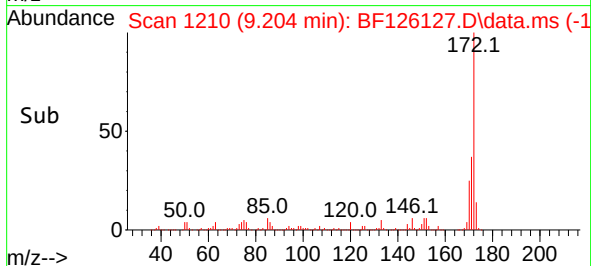
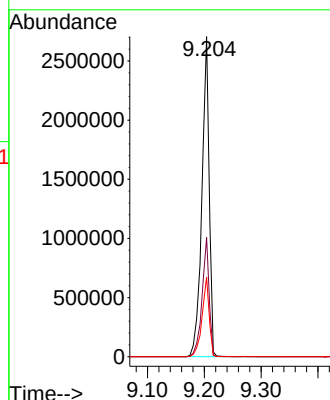
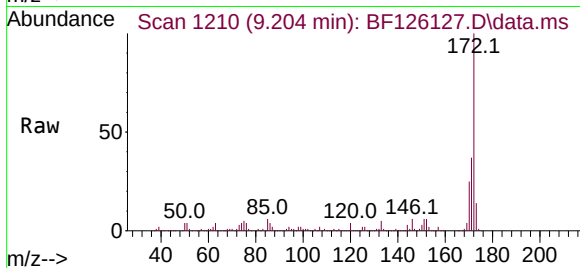
Tgt Ion:172 Resp: 2431678

Ion Ratio Lower Upper

172 100

171 37.3 26.5 39.7

170 24.9 18.8 28.2



#48

2-Nitroaniline

Concen: 3.355 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.224 min

Lab File: BF126127.D

Acq: 11 Nov 2021 15:54

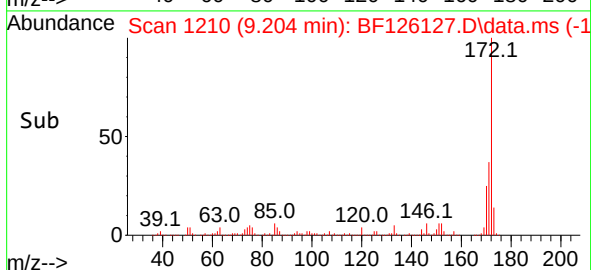
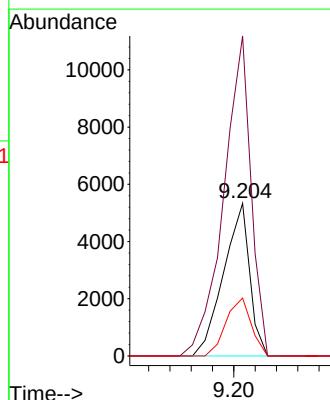
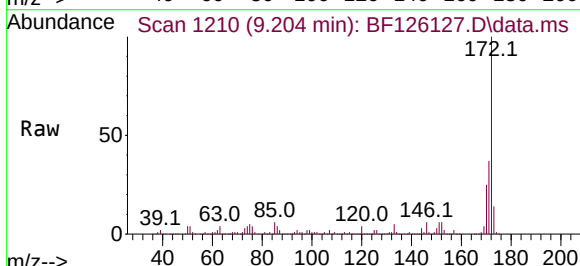
Tgt Ion: 65 Resp: 4549

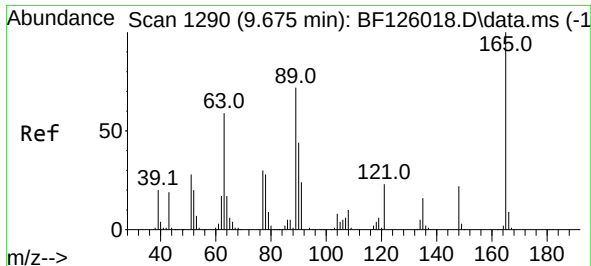
Ion Ratio Lower Upper

65 100

92 209.6 55.5 83.3#

138 38.0 93.5 140.3#

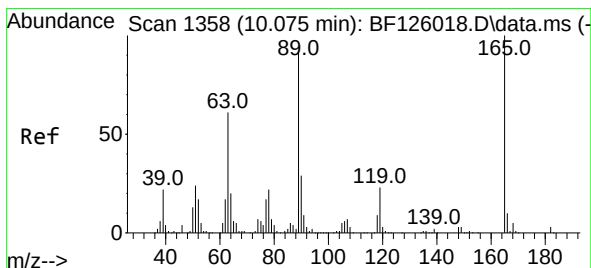
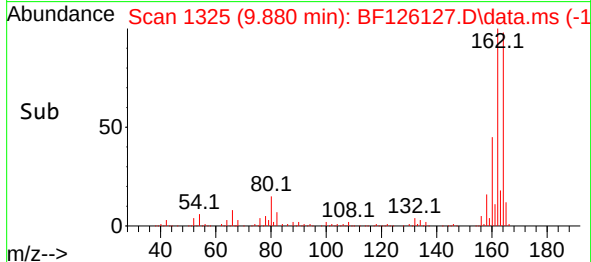
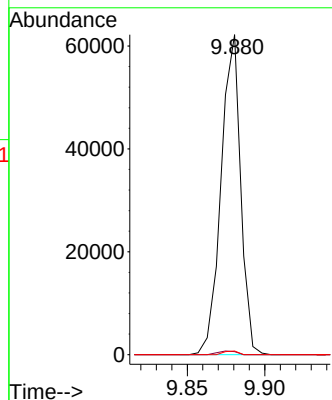
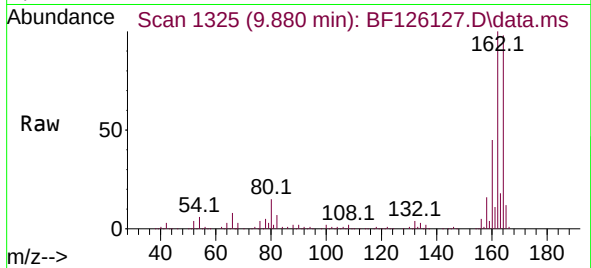




#51
2,6-Dinitrotoluene
Concen: 10.287 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.205 min
Lab File: BF126127.D
Acq: 11 Nov 2021 15:54

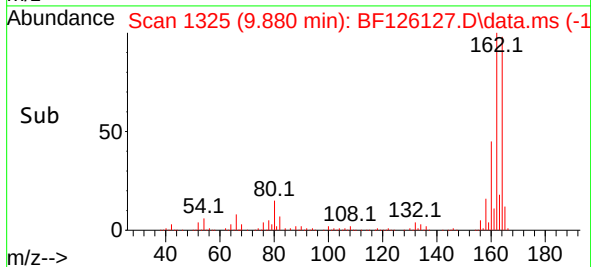
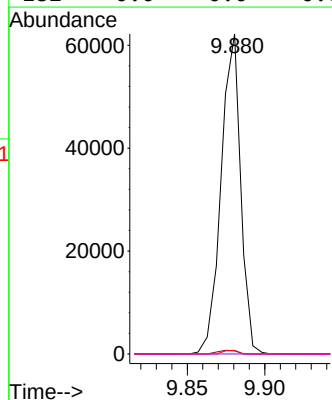
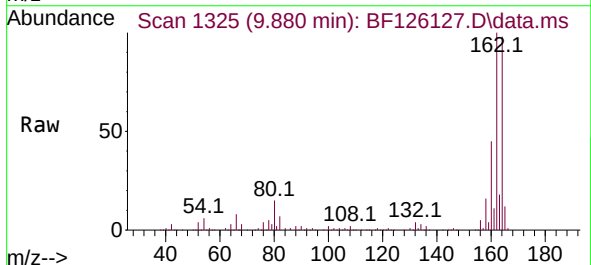
Instrument :
BNA_F
ClientSampleId :
PB140700BL

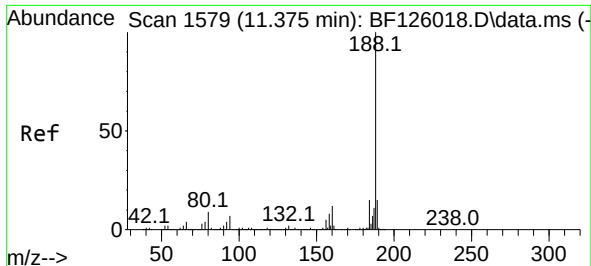
Tgt Ion:165 Resp: 54572
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.836 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.194 min
Lab File: BF126127.D
Acq: 11 Nov 2021 15:54

Tgt Ion:165 Resp: 54572
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

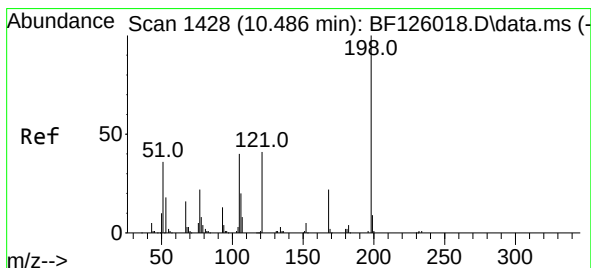
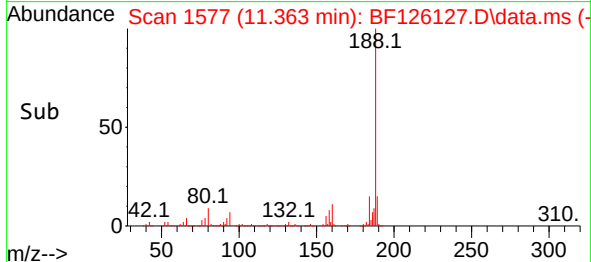
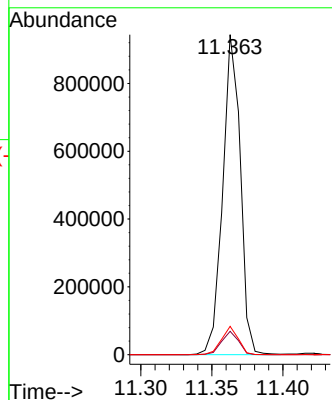
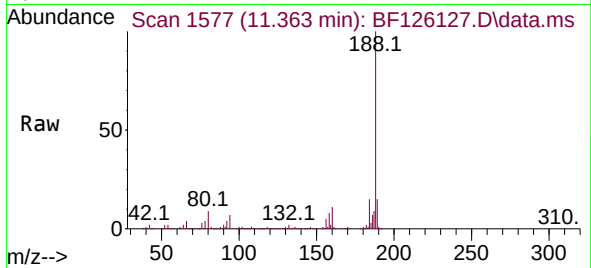




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126127.D
Acq: 11 Nov 2021 15:54

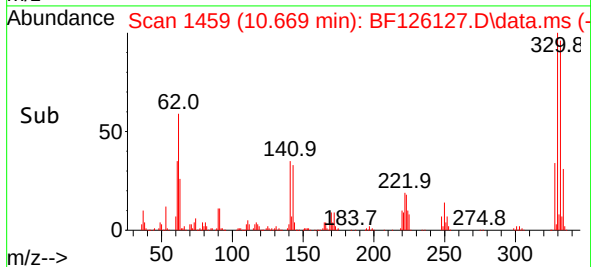
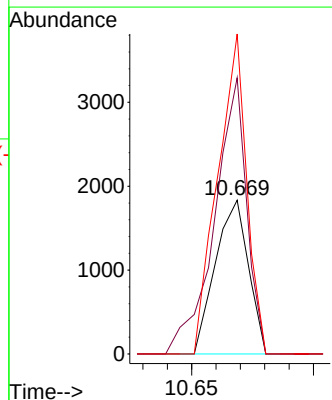
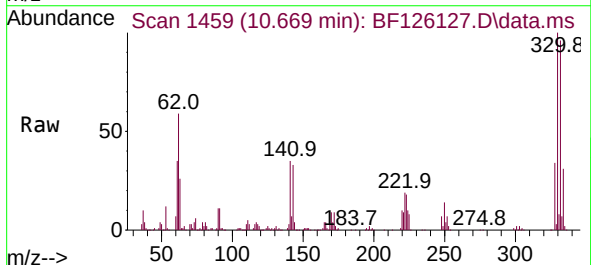
Instrument :
BNA_F
ClientSampleId :
PB140700BL

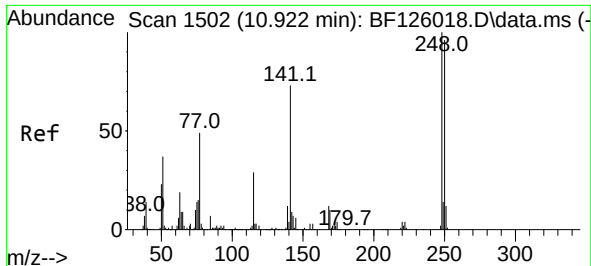
Tgt Ion:188 Resp: 812247
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.8 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.681 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.183 min
Lab File: BF126127.D
Acq: 11 Nov 2021 15:54

Tgt Ion:198 Resp: 1722
Ion Ratio Lower Upper
198 100
51 179.5 45.3 85.3#
105 208.0 30.6 70.6#

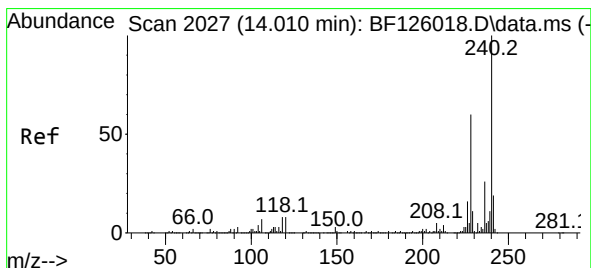
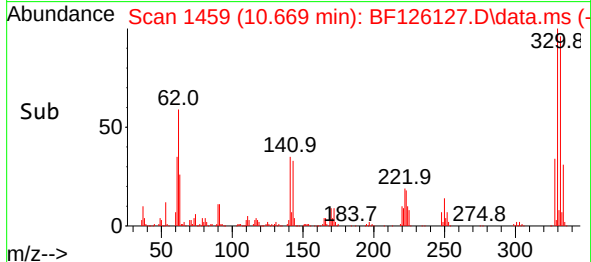
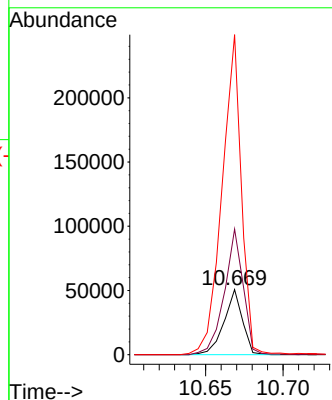
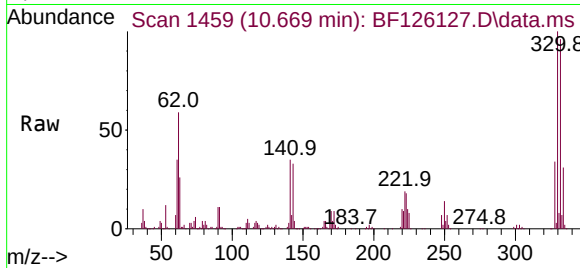




#67
4-Bromophenyl-phenylether
Concen: 4.261 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF126127.D
Acq: 11 Nov 2021 15:54

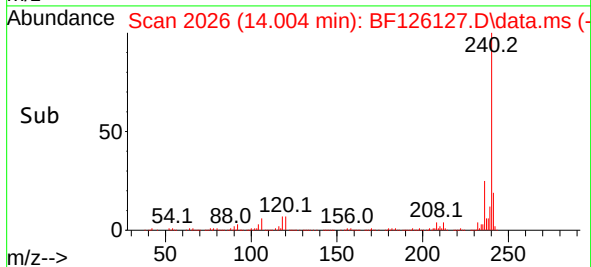
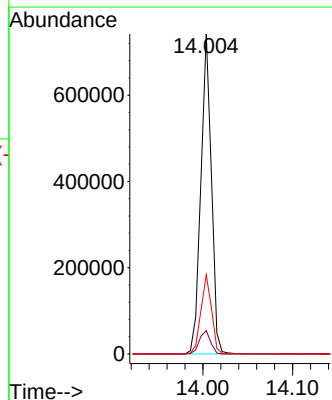
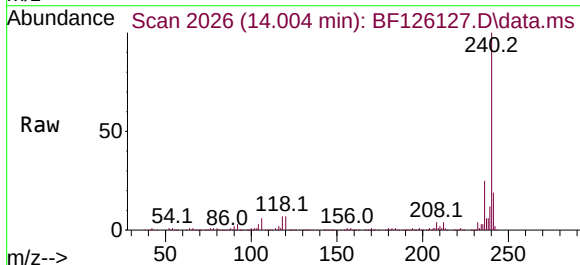
Instrument :
BNA_F
ClientSampleId :
PB140700BL

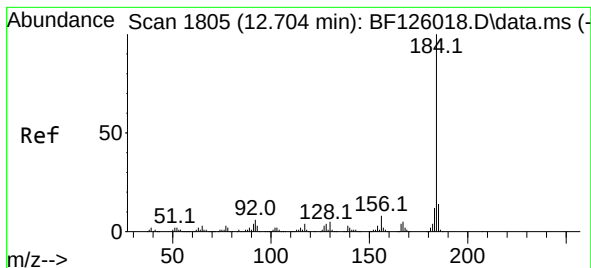
Tgt Ion:248 Resp: 41923
Ion Ratio Lower Upper
248 100
250 192.9 74.2 111.4#
141 491.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126127.D
Acq: 11 Nov 2021 15:54

Tgt Ion:240 Resp: 604509
Ion Ratio Lower Upper
240 100
120 7.3 10.8 16.2#
236 24.8 21.6 32.4





#77

Benzidine

Concen: 2.245 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.253 min

Lab File: BF126127.D

Acq: 11 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140700BL

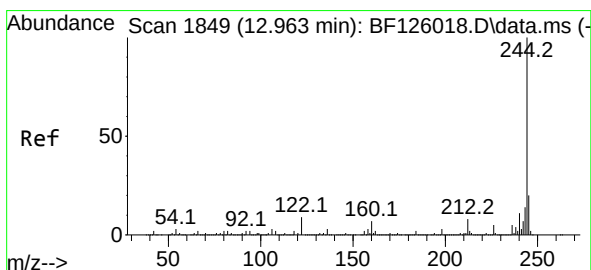
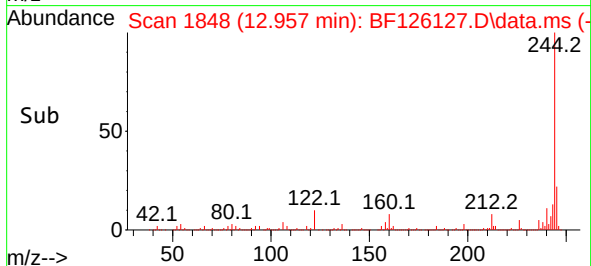
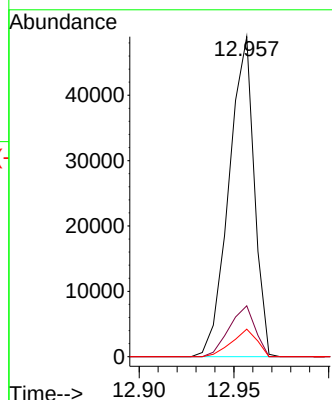
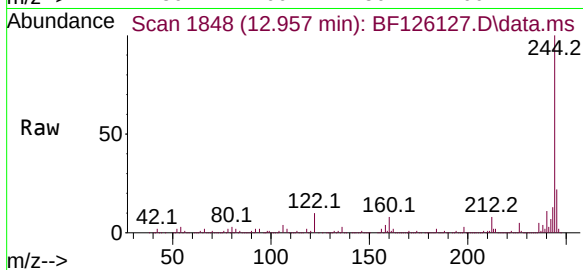
Tgt Ion:184 Resp: 45374

Ion Ratio Lower Upper

184 100

185 15.9 10.8 16.2

183 8.6 8.1 12.1



#79

Terphenyl-d14

Concen: 79.012 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF126127.D

Acq: 11 Nov 2021 15:54

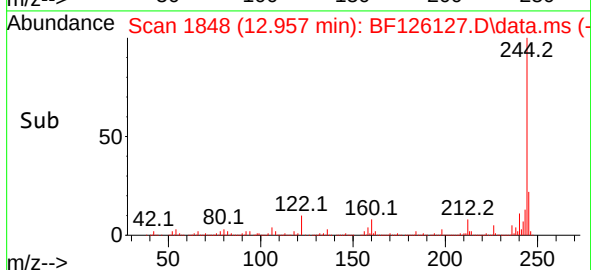
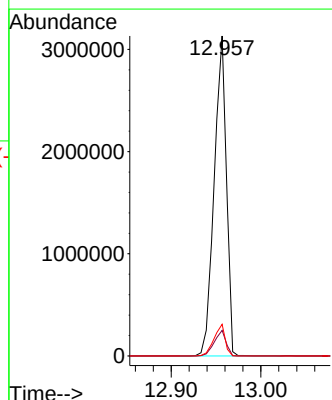
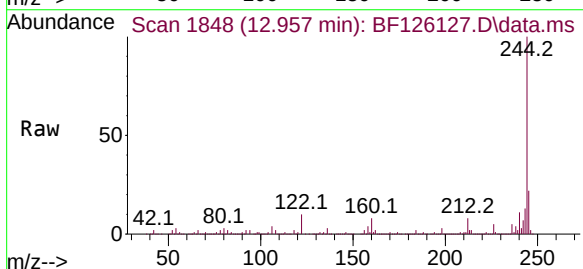
Tgt Ion:244 Resp: 2962003

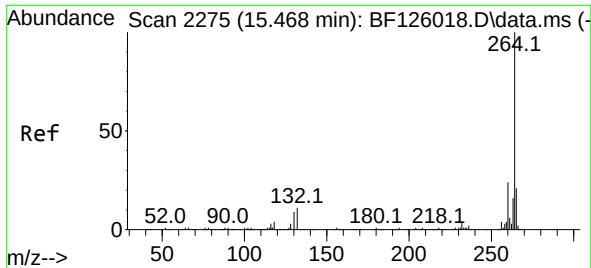
Ion Ratio Lower Upper

244 100

212 8.0 5.9 8.9

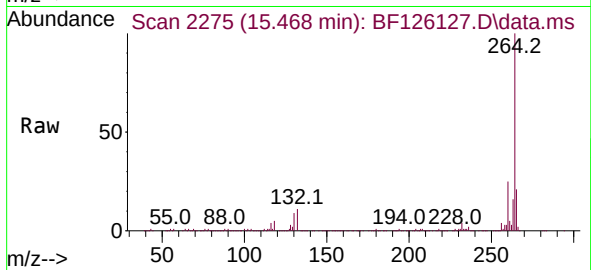
122 9.9 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126127.D
 Acq: 11 Nov 2021 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB140700BL



Tgt Ion:264 Resp: 432829
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 20.8 17.2 25.8

