

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126037.D
 Acq On : 4 Nov 2021 10:23
 Operator : JU/CG
 Sample : PB140471TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140471TB

Quant Time: Nov 04 14:20:59 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)

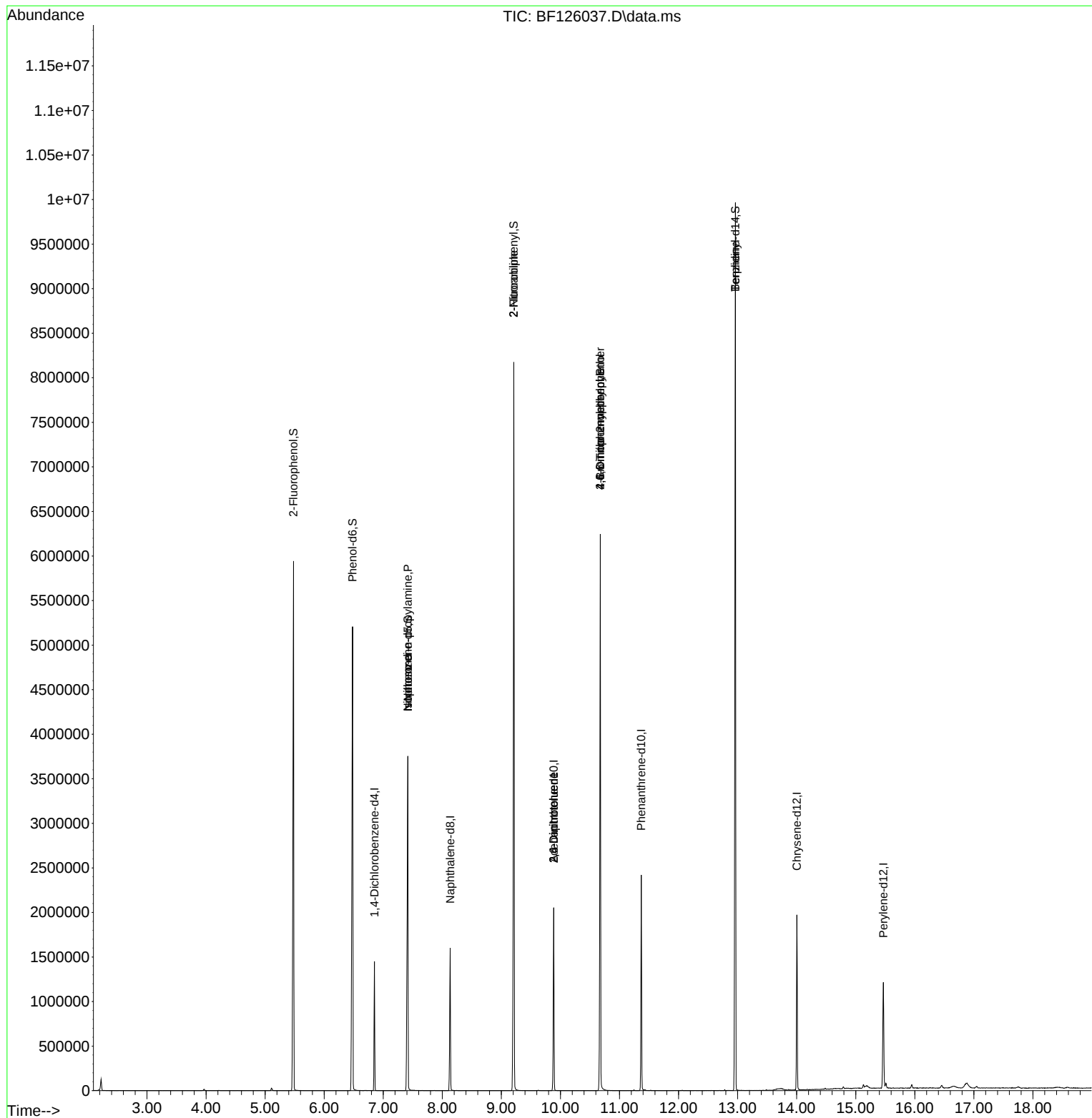
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	166016	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	646748	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	396847	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	795427	20.000	ng	0.00
76) Chrysene-d12	14.004	240	663681	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	553706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1347870	139.425	ng	0.02
7) Phenol-d6	6.481	99	1762440	129.326	ng	0.00
23) Nitrobenzene-d5	7.416	82	1300857	94.857	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	677834	149.044	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2524176	85.954	ng	0.00
79) Terphenyl-d14	12.963	244	3317906	80.615	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	3826	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	187729	20.896	ng	# 62
25) Isophorone	7.416	82	1286509	52.105	ng	# 59
48) 2-Nitroaniline	9.210	65	4902	3.433	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	51617	10.423	ng	# 29
57) 2,4-Dinitrotoluene	9.886	165	51617	9.923	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.675	198	1643	8.671	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	44125	4.580	ng	# 1
77) Benzidine	12.963	184	53529	2.413	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
Data File : BF126037.D
Acq On : 4 Nov 2021 10:23
Operator : JU/CG
Sample : PB140471TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB140471TB

Quant Time: Nov 04 14:20:59 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

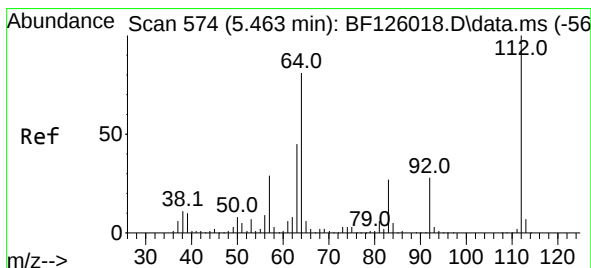
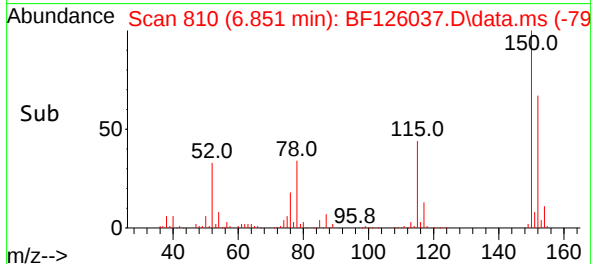
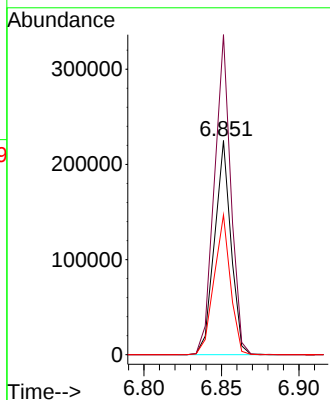
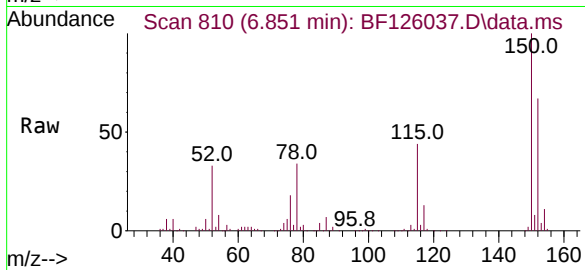




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126037.D
Acq: 4 Nov 2021 10:23

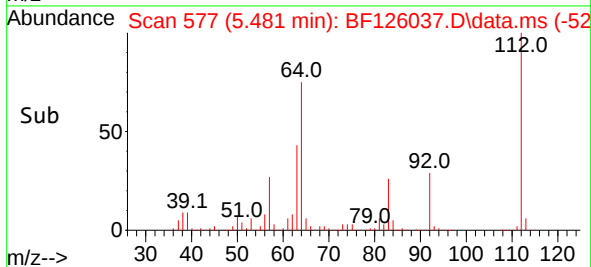
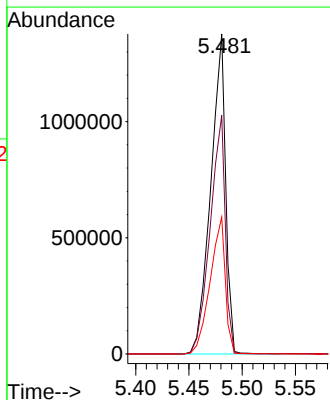
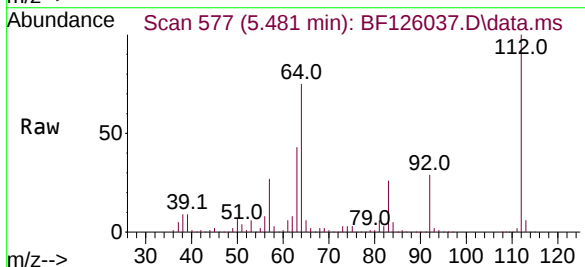
Instrument :
BNA_F
ClientSampleId :
PB140471TB

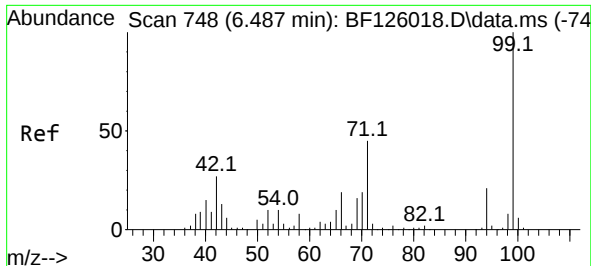
Tgt Ion:152 Resp: 166016
Ion Ratio Lower Upper
152 100
150 149.5 117.6 176.4
115 65.3 47.1 70.7



#5
2-Fluorophenol
Concen: 139.425 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF126037.D
Acq: 4 Nov 2021 10:23

Tgt Ion:112 Resp: 1347870
Ion Ratio Lower Upper
112 100
64 74.6 44.2 66.2#
63 42.8 26.2 39.2#

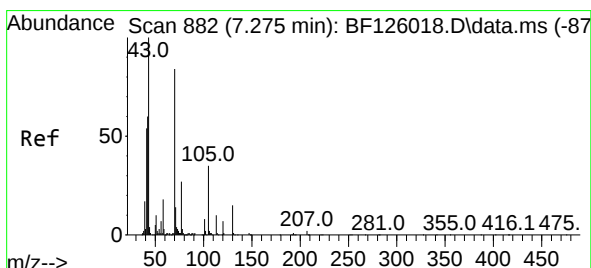
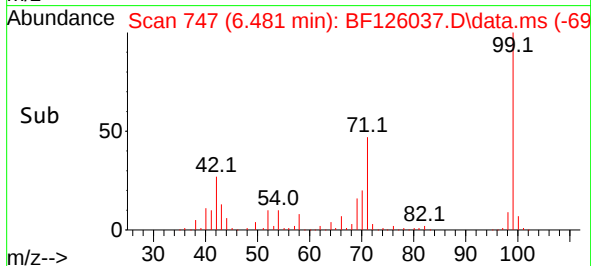
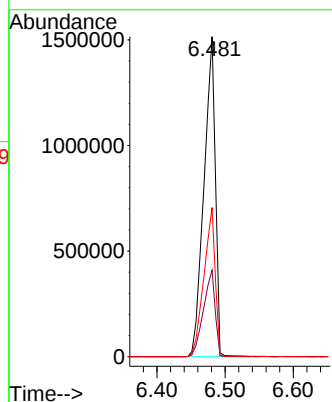
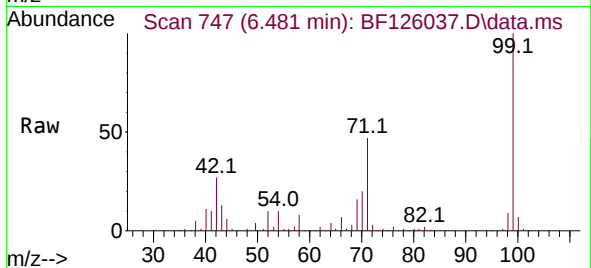




#7
Phenol-d6
Concen: 129.326 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126037.D
Acq: 4 Nov 2021 10:23

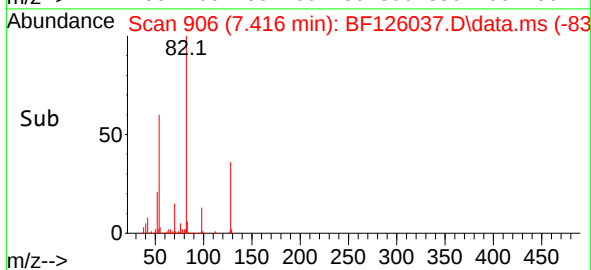
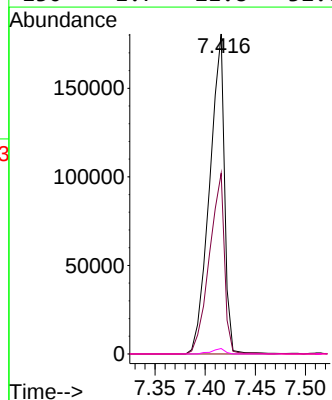
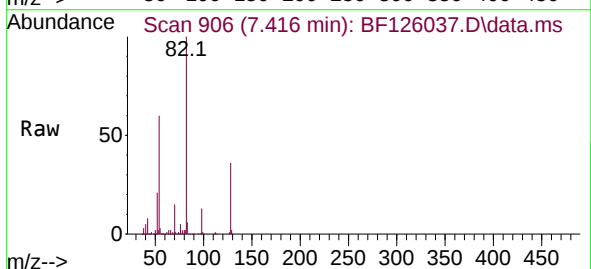
Instrument :
BNA_F
ClientSampleId :
PB140471TB

Tgt Ion: 99 Resp: 1762440
Ion Ratio Lower Upper
99 100
42 27.1 23.5 35.3
71 46.6 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 20.896 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126037.D
Acq: 4 Nov 2021 10:23

Tgt Ion: 70 Resp: 187729
Ion Ratio Lower Upper
70 100
42 56.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#





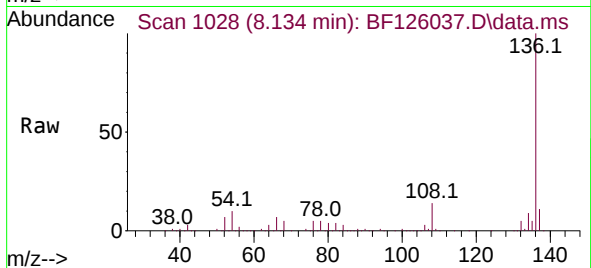
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BF126037.D
Acq: 4 Nov 2021 10:23

Instrument :

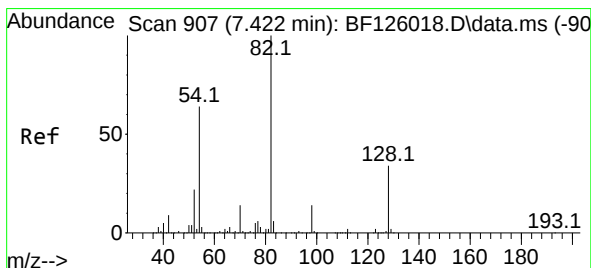
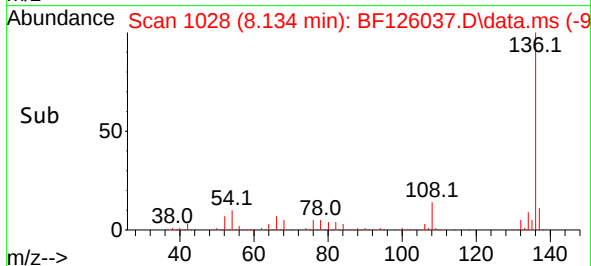
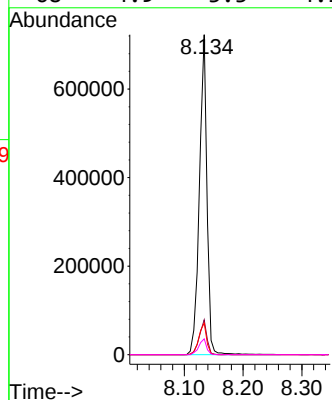
BNA_F

ClientSampleId :

PB140471TB

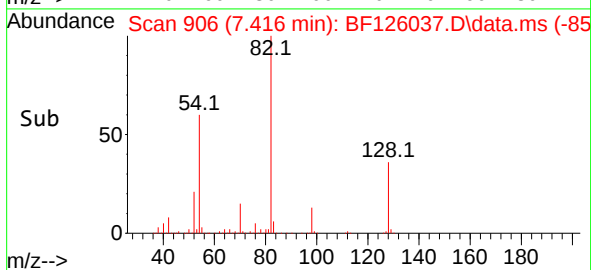
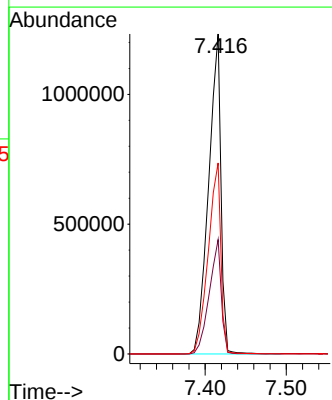
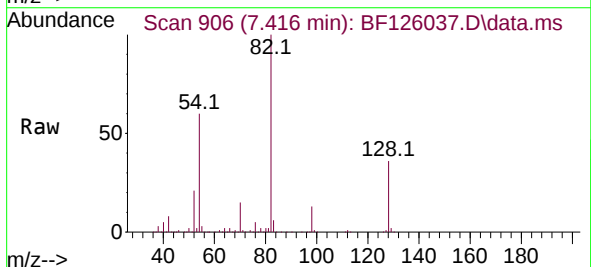


Tgt Ion:136 Resp: 646748
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.9 6.4 9.6#
68 4.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 94.857 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126037.D
Acq: 4 Nov 2021 10:23

Tgt Ion: 82 Resp: 1300857
Ion Ratio Lower Upper
82 100
128 35.7 40.6 60.8#
54 59.7 49.6 74.4

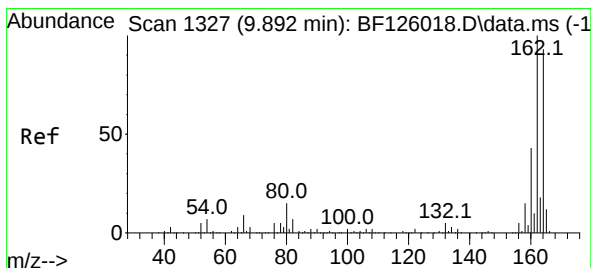
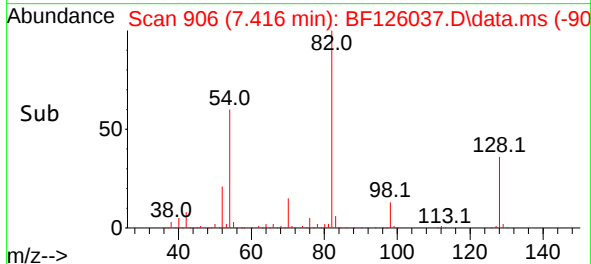
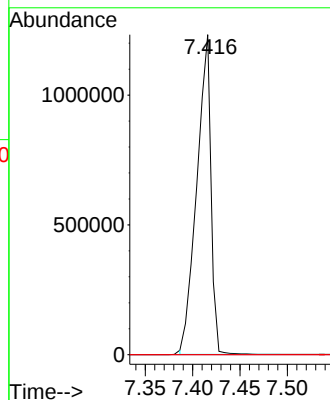
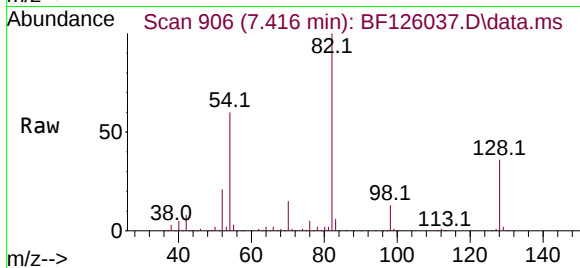




#25
Isophorone
Concen: 52.105 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126037.D
Acq: 4 Nov 2021 10:23

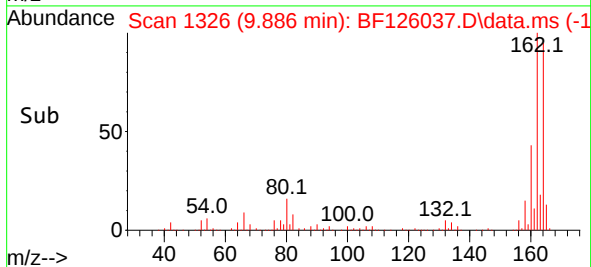
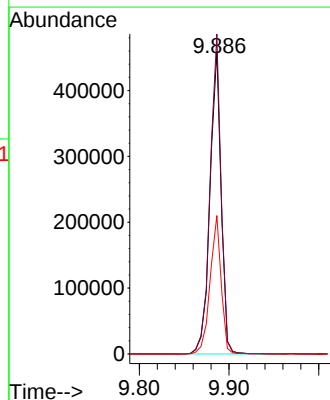
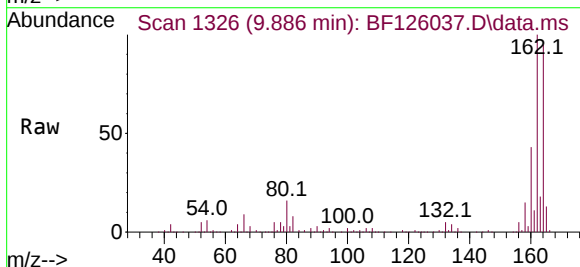
Instrument :
BNA_F
ClientSampleId :
PB140471TB

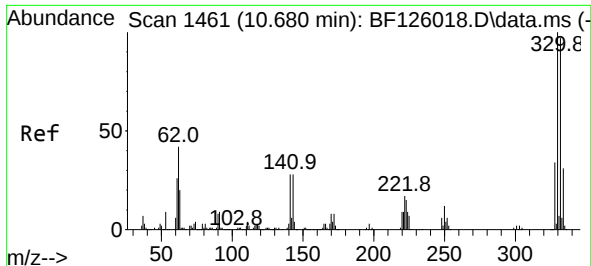
Tgt Ion: 82 Resp: 1286509
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126037.D
Acq: 4 Nov 2021 10:23

Tgt Ion:164 Resp: 396847
Ion Ratio Lower Upper
164 100
162 105.7 81.3 121.9
160 45.7 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 149.044 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126037.D

Acq: 4 Nov 2021 10:23

Instrument :

BNA_F

ClientSampleId :

PB140471TB

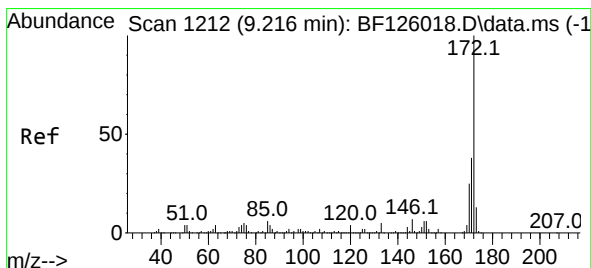
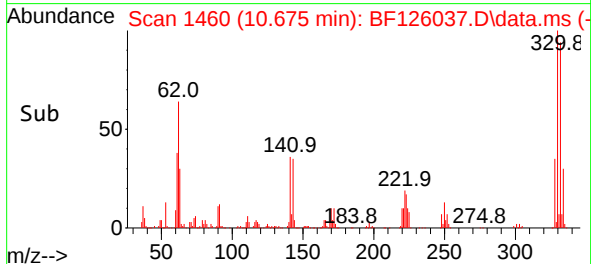
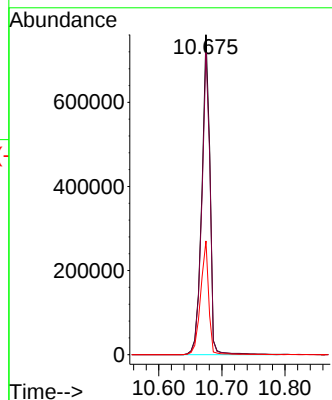
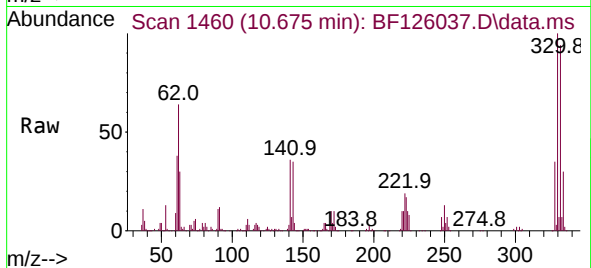
Tgt Ion:330 Resp: 677834

Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.4

141 35.5 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 85.954 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF126037.D

Acq: 4 Nov 2021 10:23

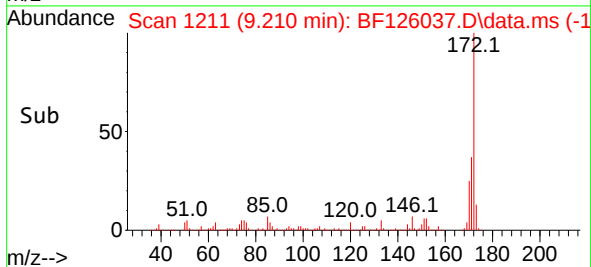
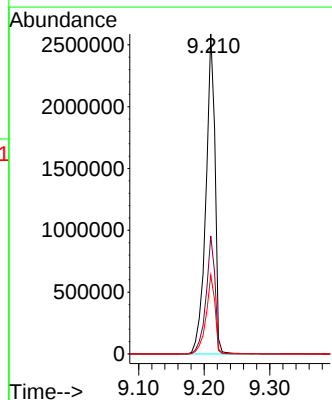
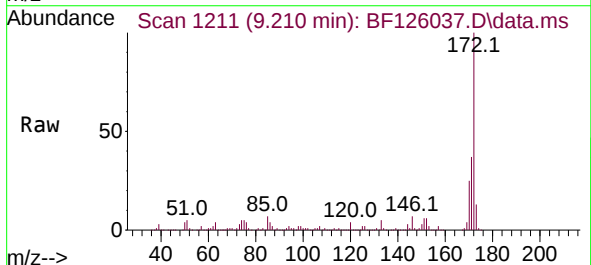
Tgt Ion:172 Resp: 2524176

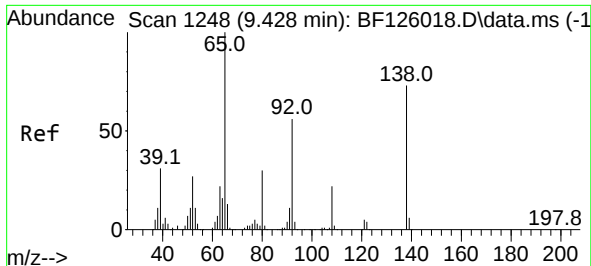
Ion Ratio Lower Upper

172 100

171 36.9 26.5 39.7

170 24.6 18.8 28.2

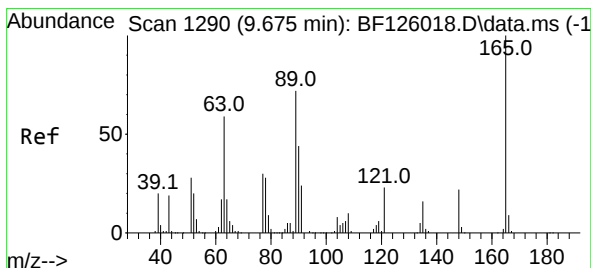
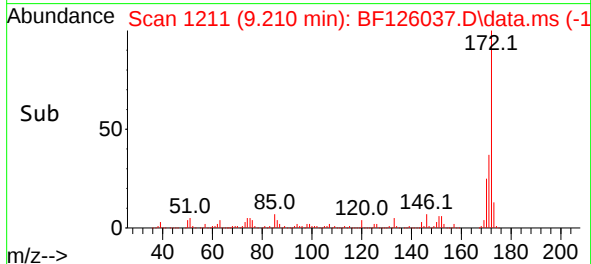
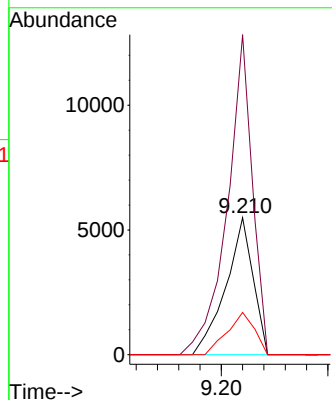
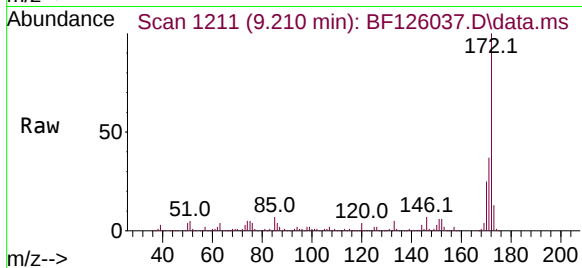




#48
2-Nitroaniline
Concen: 3.433 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF126037.D
Acq: 4 Nov 2021 10:23

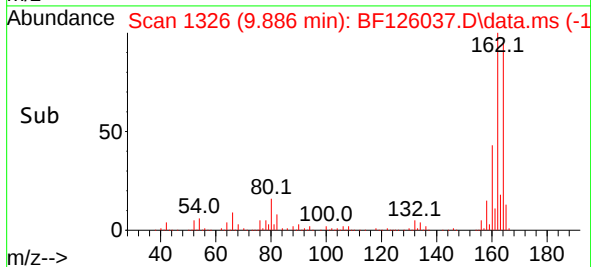
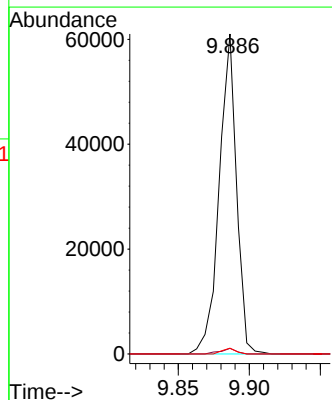
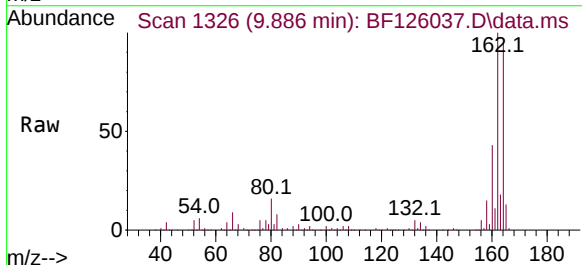
Instrument :
BNA_F
ClientSampleId :
PB140471TB

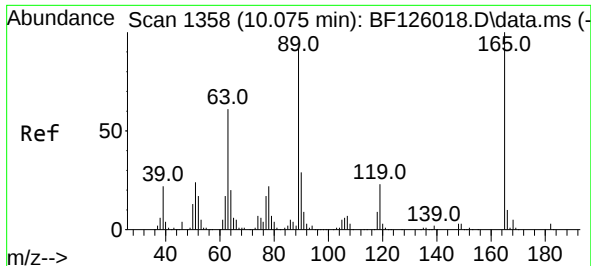
Tgt Ion: 65 Resp: 4902
Ion Ratio Lower Upper
65 100
92 233.6 55.5 83.3#
138 30.8 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.423 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.211 min
Lab File: BF126037.D
Acq: 4 Nov 2021 10:23

Tgt Ion:165 Resp: 51617
Ion Ratio Lower Upper
165 100
63 1.7 42.6 63.8#
89 1.8 40.6 60.8#

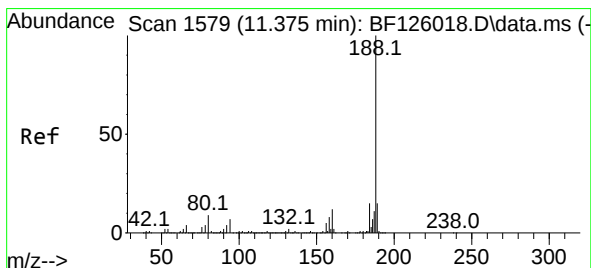
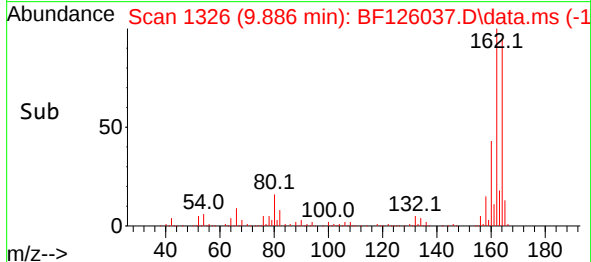
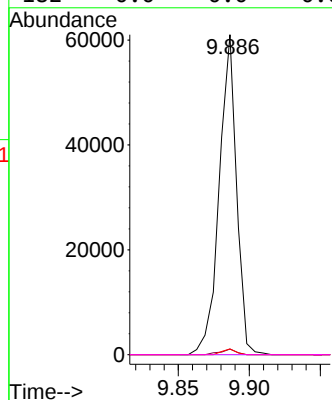
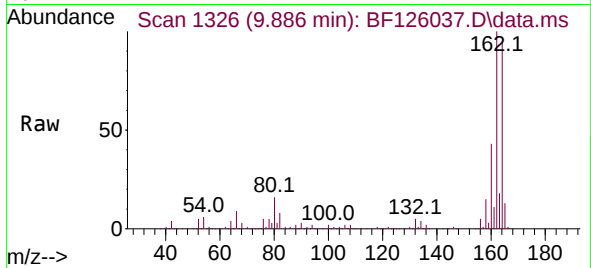




#57
2,4-Dinitrotoluene
Concen: 9.923 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF126037.D
Acq: 4 Nov 2021 10:23

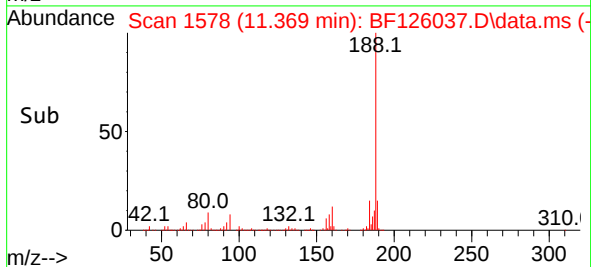
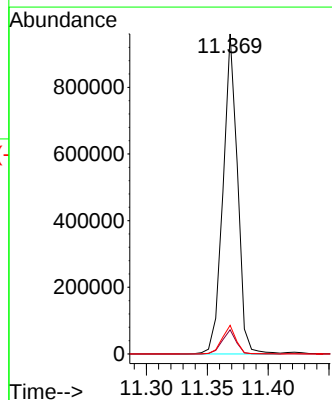
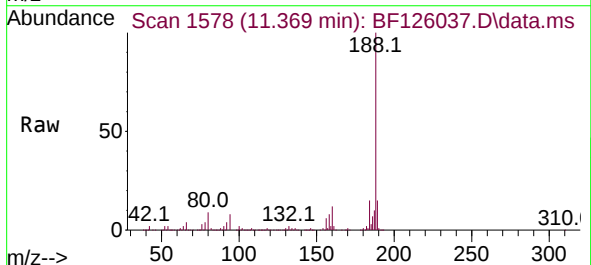
Instrument :
BNA_F
ClientSampleId :
PB140471TB

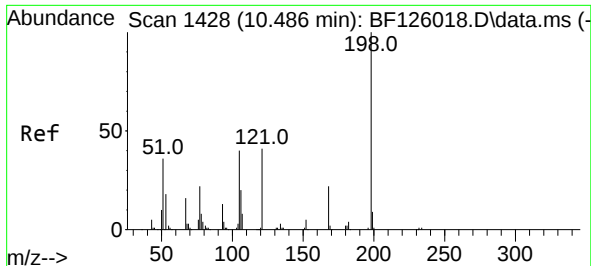
Tgt Ion:165 Resp: 51617
Ion Ratio Lower Upper
165 100
63 1.7 40.9 61.3#
89 1.8 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF126037.D
Acq: 4 Nov 2021 10:23

Tgt Ion:188 Resp: 795427
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 9.0 7.5 11.3

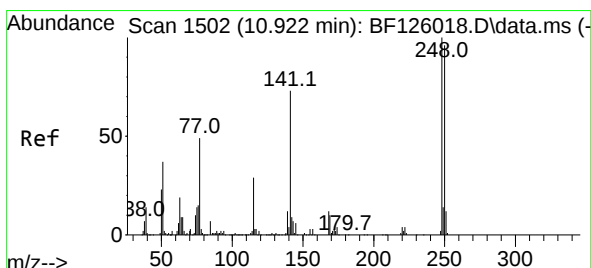
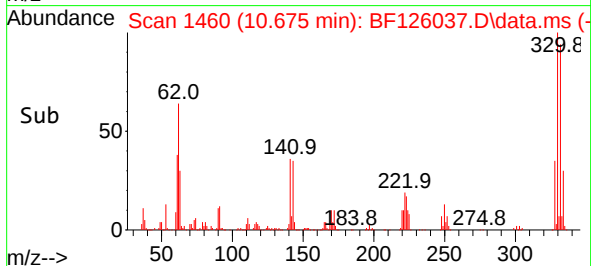
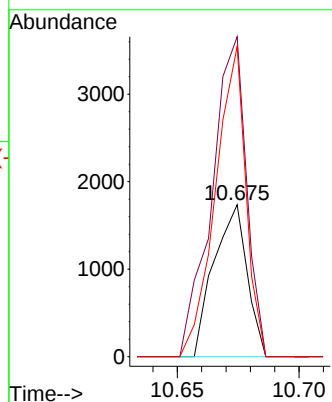
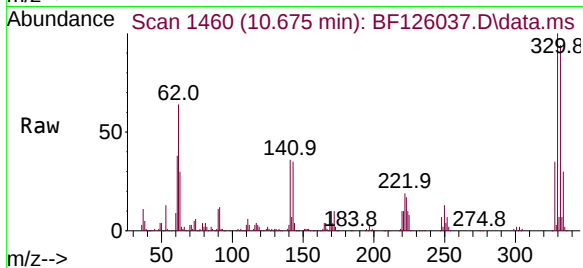




#65
4,6-Dinitro-2-methylphenol
Concen: 8.671 ng
RT: 10.675 min Scan# 1428
Delta R.T. 0.189 min
Lab File: BF126037.D
Acq: 4 Nov 2021 10:23

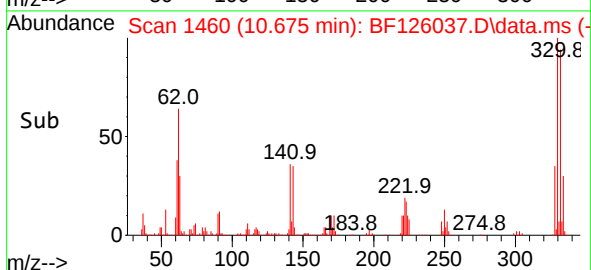
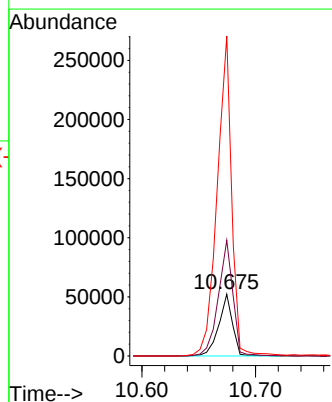
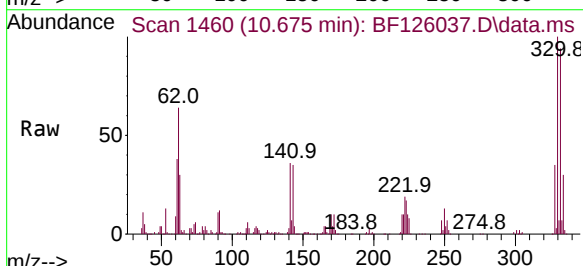
Instrument :
BNA_F
ClientSampleId :
PB140471TB

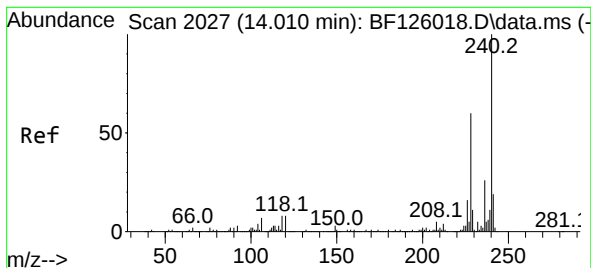
Tgt Ion:198 Resp: 1643
Ion Ratio Lower Upper
198 100
51 210.5 45.3 85.3#
105 204.0 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.580 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF126037.D
Acq: 4 Nov 2021 10:23

Tgt Ion:248 Resp: 44125
Ion Ratio Lower Upper
248 100
250 187.4 74.2 111.4#
141 518.0 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF126037.D

Acq: 4 Nov 2021 10:23

Instrument :

BNA_F

ClientSampleId :

PB140471TB

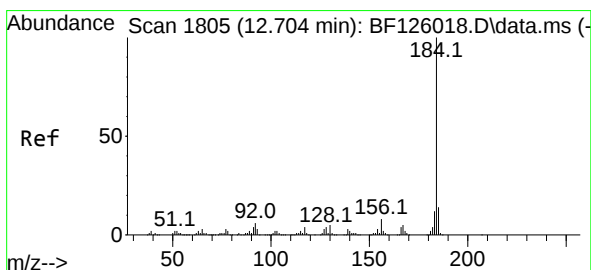
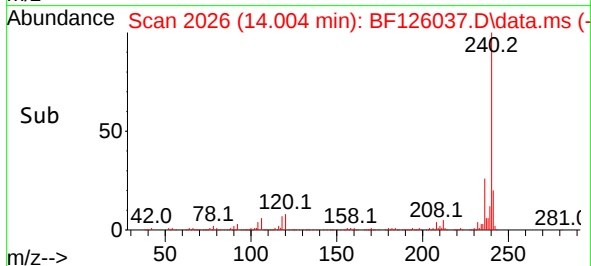
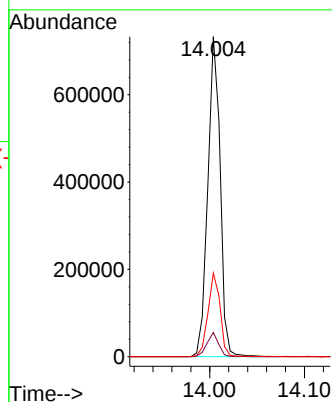
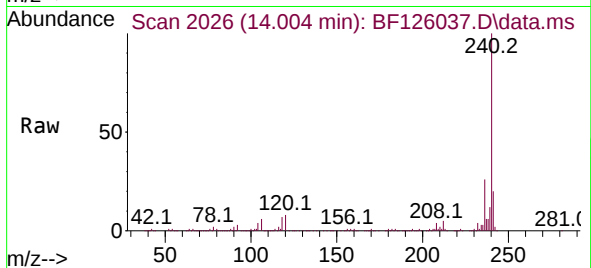
Tgt Ion:240 Resp: 663681

Ion Ratio Lower Upper

240 100

120 7.6 10.8 16.2#

236 26.2 21.6 32.4



#77

Benzidine

Concen: 2.413 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.259 min

Lab File: BF126037.D

Acq: 4 Nov 2021 10:23

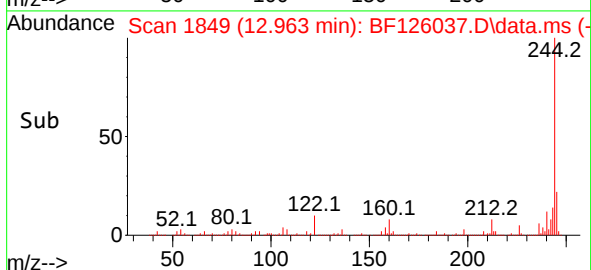
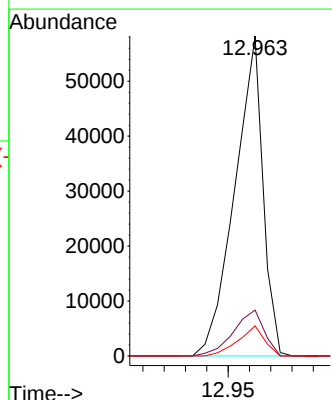
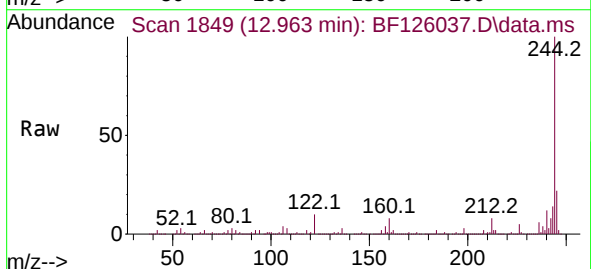
Tgt Ion:184 Resp: 53529

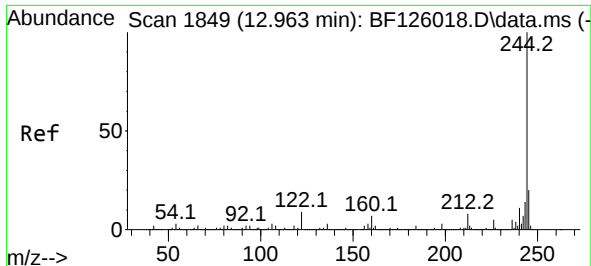
Ion Ratio Lower Upper

184 100

185 14.4 10.8 16.2

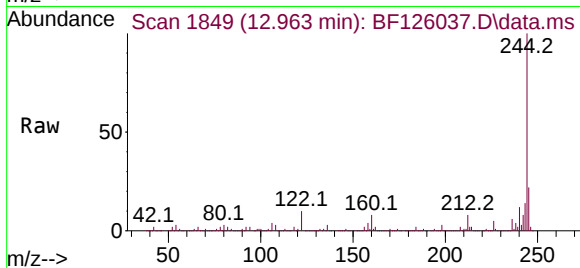
183 9.4 8.1 12.1





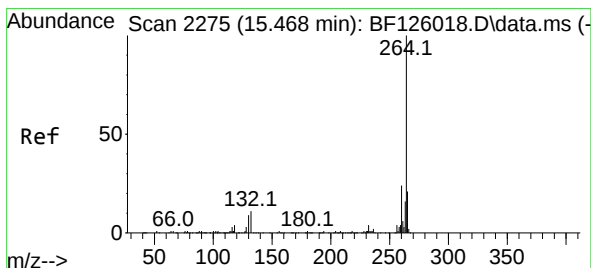
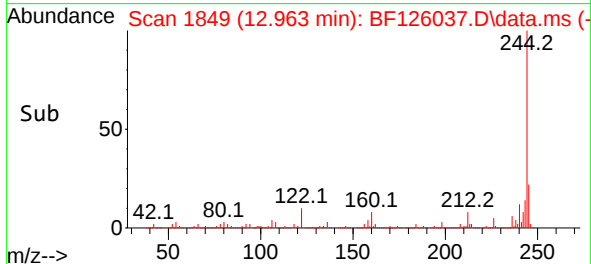
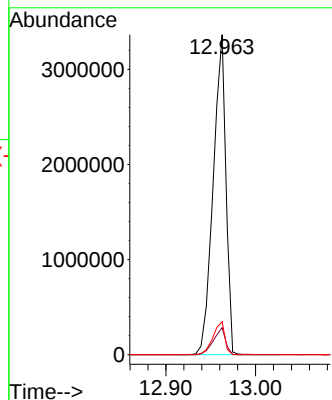
#79
 Terphenyl-d14
 Concen: 80.615 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF126037.D
 Acq: 4 Nov 2021 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB140471TB



Tgt Ion:244 Resp: 3317906

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.9	8.9
122	10.3	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126037.D
 Acq: 4 Nov 2021 10:23

Tgt Ion:264 Resp: 553706

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	20.8	17.2	25.8

