

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126077.D
 Acq On : 9 Nov 2021 12:00
 Operator : JU/CG
 Sample : M4485-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AG-3

Quant Time: Nov 09 13:01:31 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)

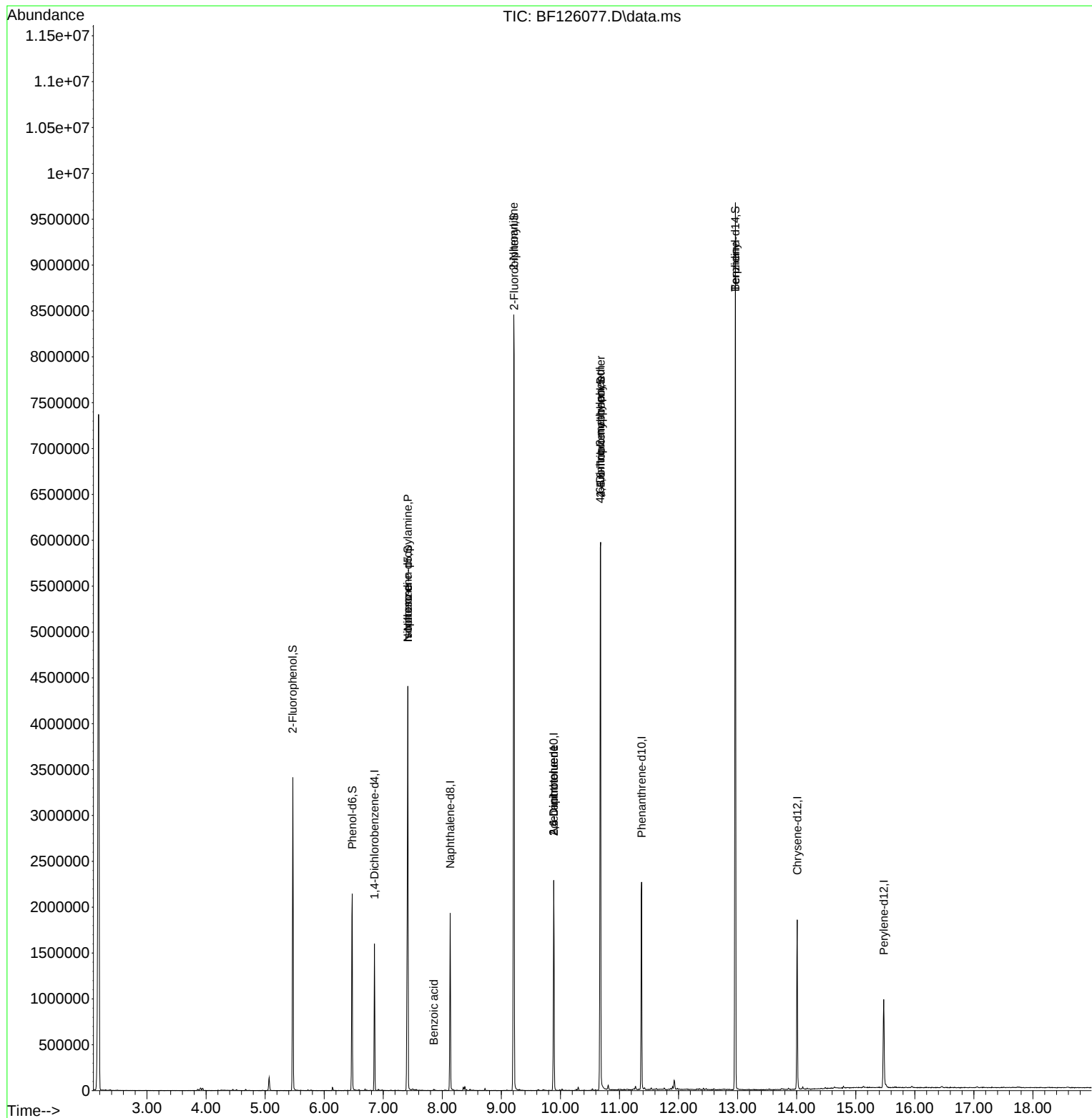
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	196562	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	736074	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	452549	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	846892	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	642977	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	470988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	714270	62.403	ng	0.00
7) Phenol-d6	6.475	99	581616	36.046	ng	-0.01
23) Nitrobenzene-d5	7.416	82	1459010	93.479	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	766453	147.786	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2820012	84.209	ng	0.00
79) Terphenyl-d14	12.963	244	3203909	80.352	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	710	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.416	70	211720	19.904	ng	# 59
25) Isophorone	7.416	82	1446753	51.484	ng	# 59
32) Benzoic acid	7.857	122	1408	9.321	ng	# 68
48) 2-Nitroaniline	9.210	65	5562	3.430	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	59212	10.485	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	59212	9.964	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.675	198	2168	8.756	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	49206	4.797	ng	# 1
77) Benzidine	12.963	184	50342	2.342	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126077.D
Acq On : 9 Nov 2021 12:00
Operator : JU/CG
Sample : M4485-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AG-3

Quant Time: Nov 09 13:01:31 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

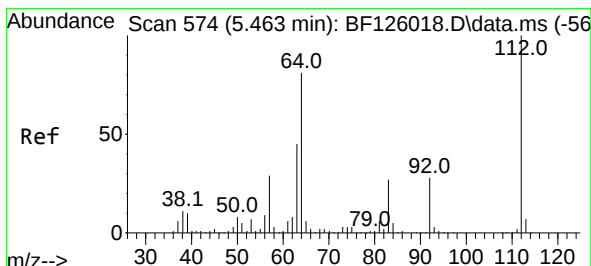
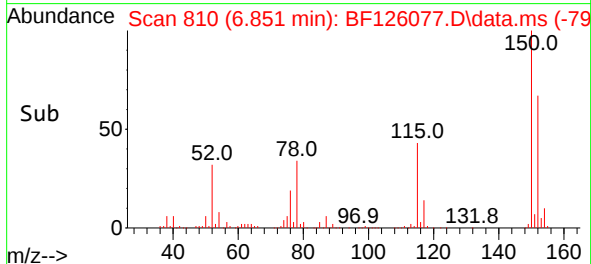
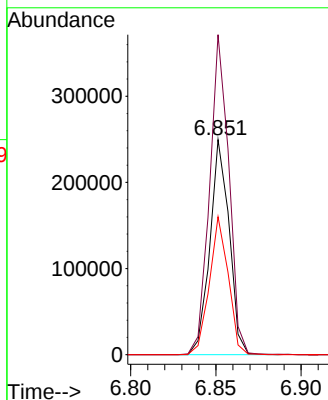
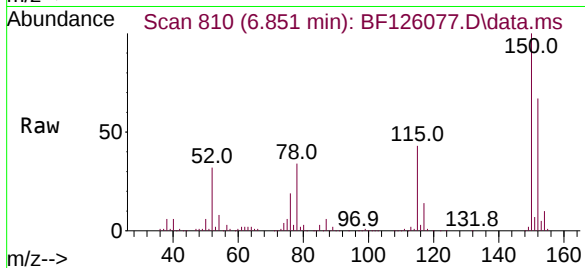




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

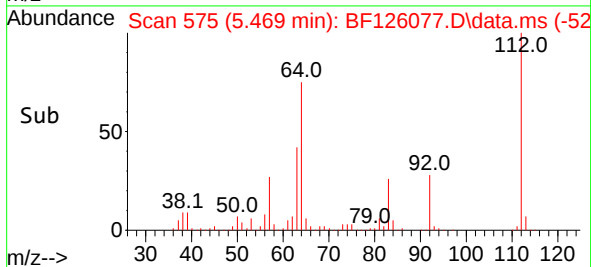
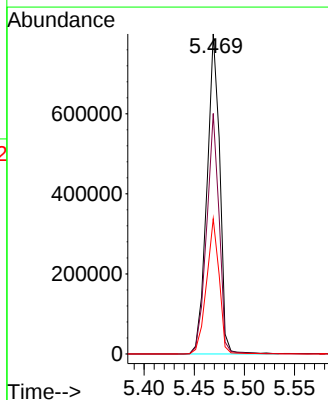
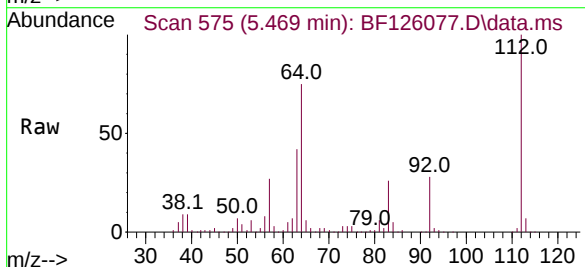
Instrument :
BNA_F
ClientSampleId :
AG-3

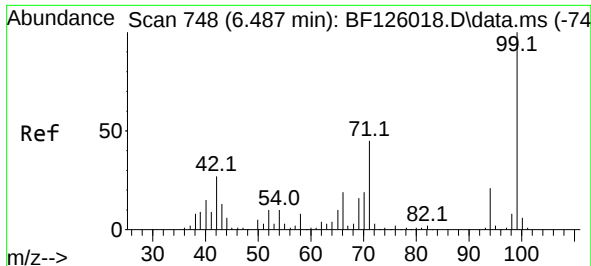
Tgt Ion:152 Resp: 196562
Ion Ratio Lower Upper
152 100
150 148.8 117.6 176.4
115 64.1 47.1 70.7



#5
2-Fluorophenol
Concen: 62.403 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

Tgt Ion:112 Resp: 714270
Ion Ratio Lower Upper
112 100
64 75.1 44.2 66.2#
63 42.3 26.2 39.2#

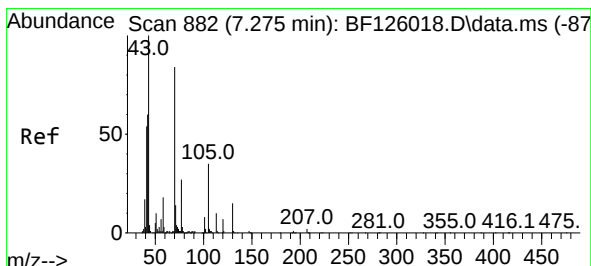
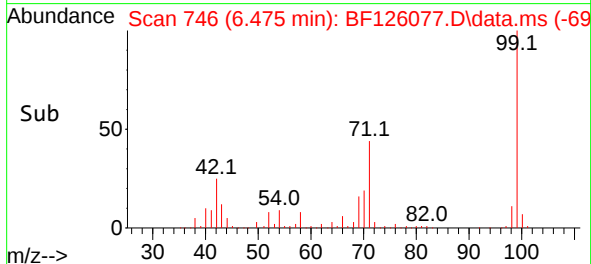
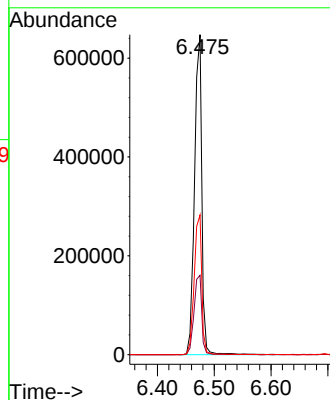
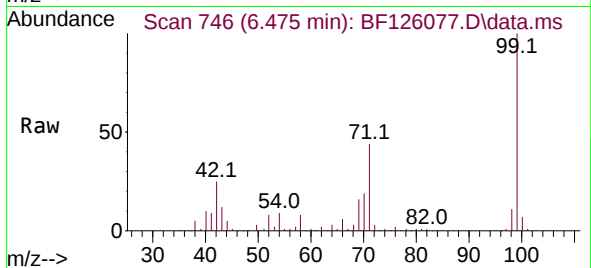




#7
Phenol-d6
Concen: 36.046 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

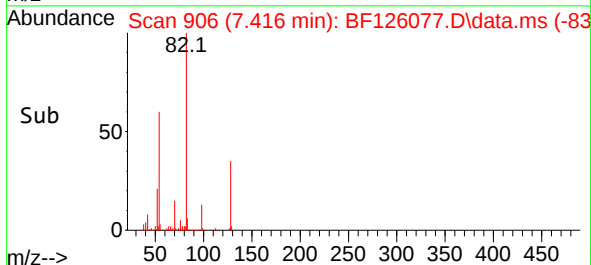
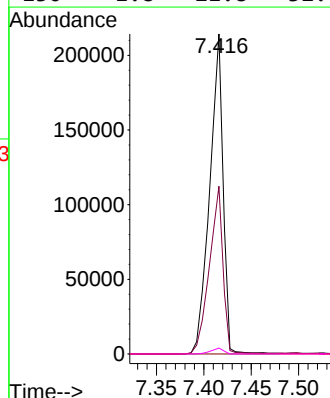
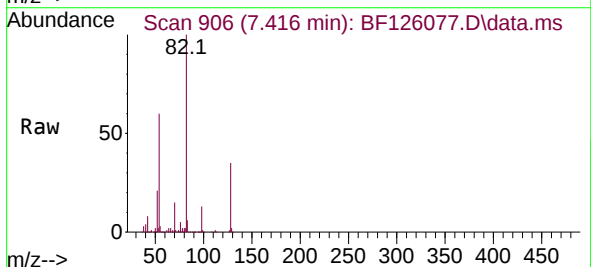
Instrument :
BNA_F
ClientSampleId :
AG-3

Tgt Ion: 99 Resp: 581616
Ion Ratio Lower Upper
99 100
42 24.8 23.5 35.3
71 43.7 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.904 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

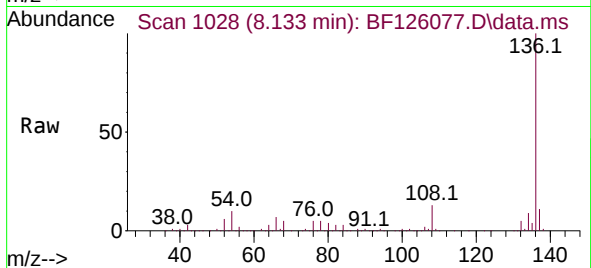
Tgt Ion: 70 Resp: 211720
Ion Ratio Lower Upper
70 100
42 52.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#



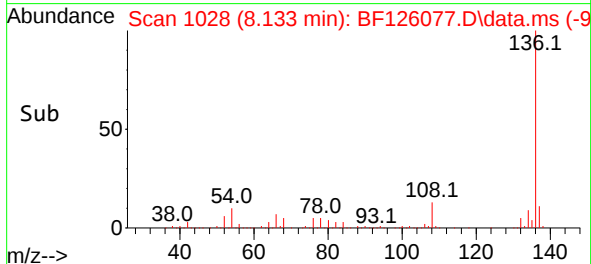
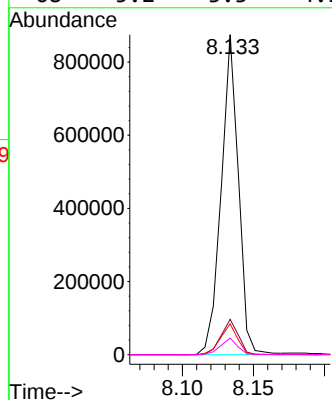


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

Instrument :
BNA_F
ClientSampleId :
AG-3

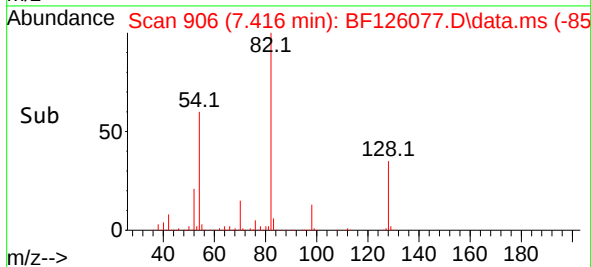
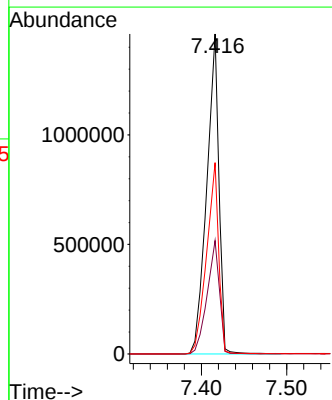
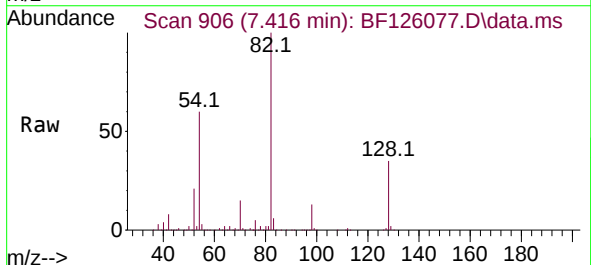


Tgt Ion:136 Resp: 736074
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.7 6.4 9.6#
68 5.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 93.479 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

Tgt Ion: 82 Resp: 1459010
Ion Ratio Lower Upper
82 100
128 35.5 40.6 60.8#
54 59.8 49.6 74.4

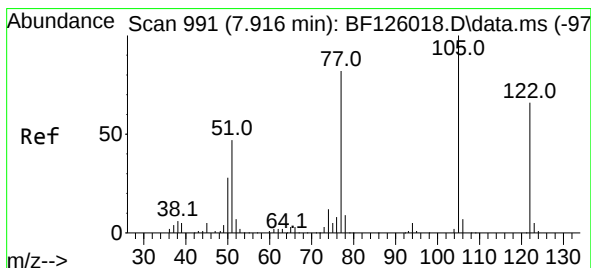
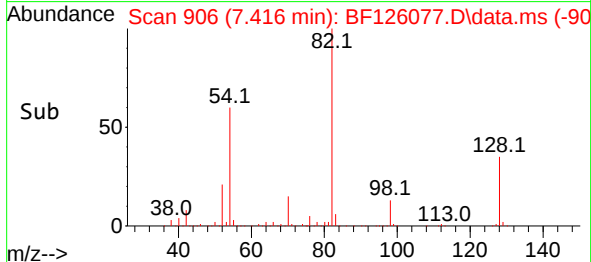
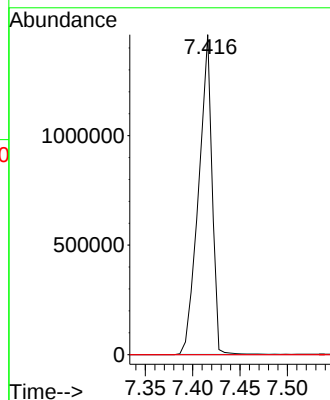
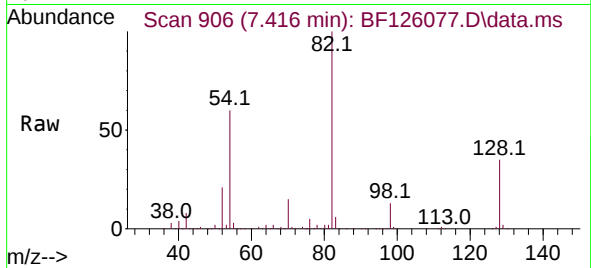




#25
Isophorone
Concen: 51.484 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

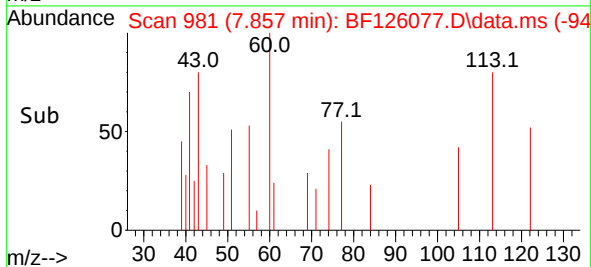
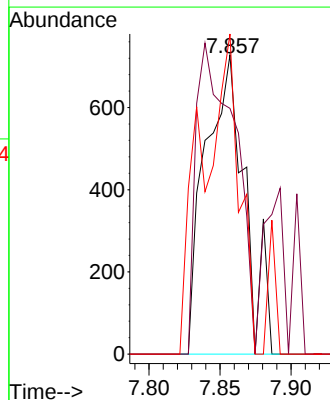
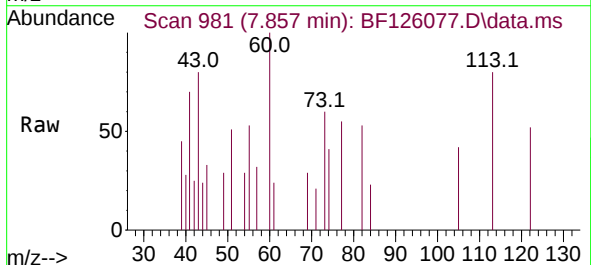
Instrument :
BNA_F
ClientSampleId :
AG-3

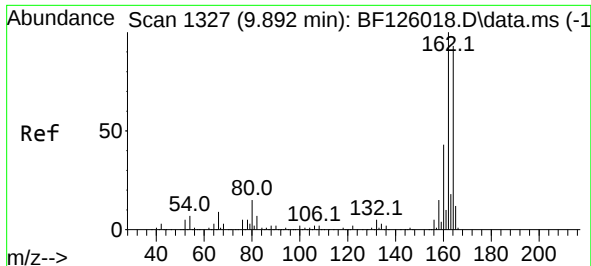
Tgt Ion: 82 Resp: 1446753
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.321 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.059 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

Tgt Ion: 122 Resp: 1408
Ion Ratio Lower Upper
122 100
105 82.1 97.6 137.6#
77 107.0 59.6 99.6#

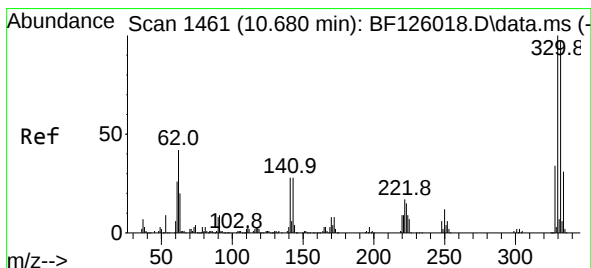
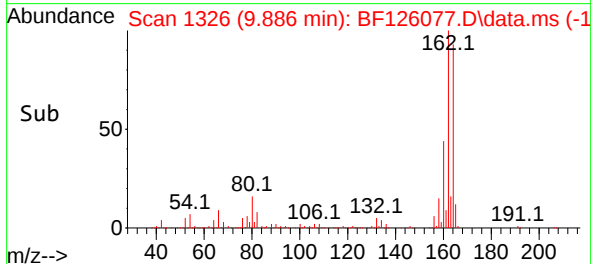
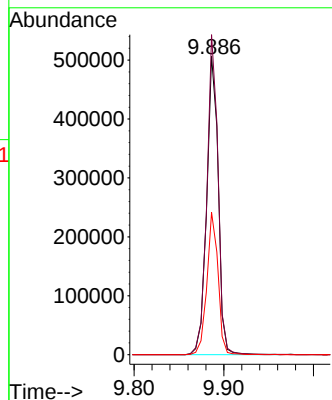
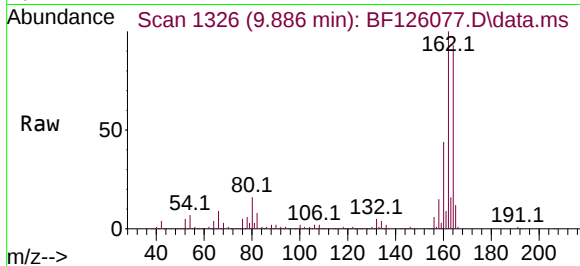




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

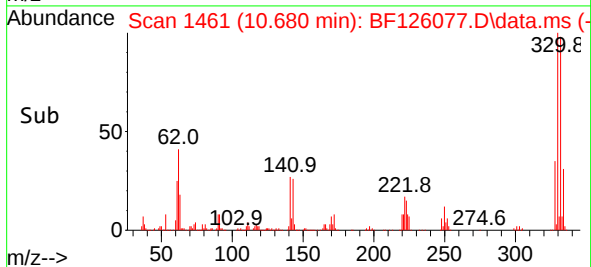
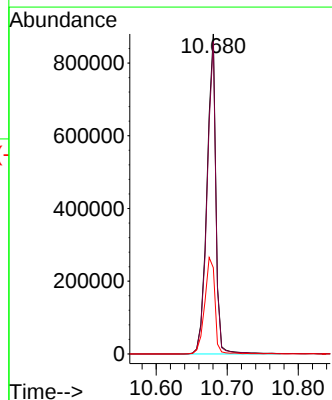
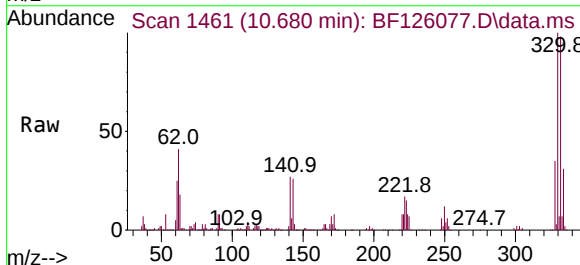
Instrument :
BNA_F
ClientSampleId :
AG-3

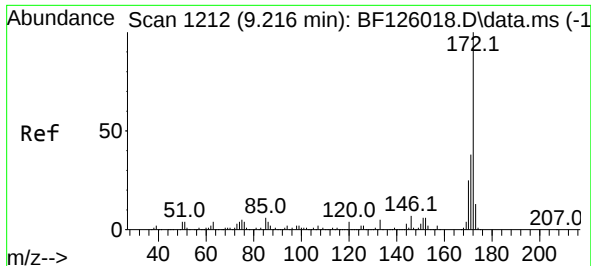
Tgt Ion:164 Resp: 452549
Ion Ratio Lower Upper
164 100
162 107.3 81.3 121.9
160 47.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 147.786 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

Tgt Ion:330 Resp: 766453
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 34.8 44.6 66.8#

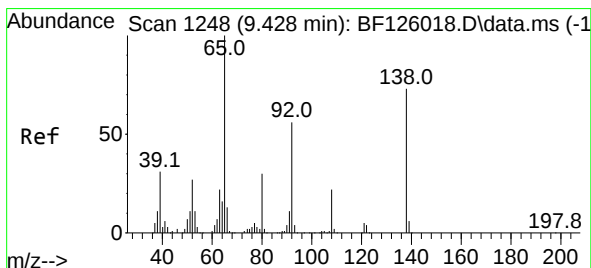
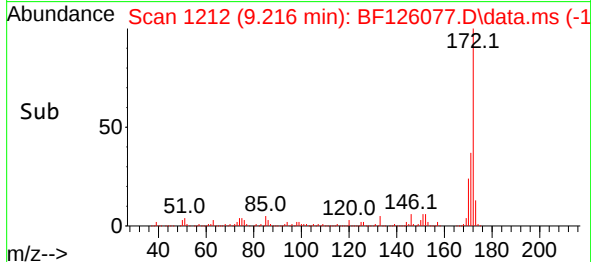
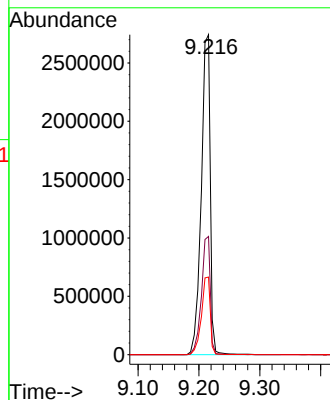
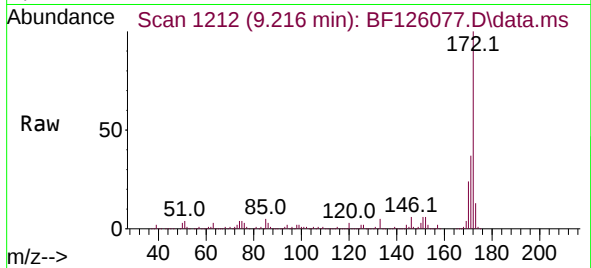




#45
2-Fluorobiphenyl
Concen: 84.209 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

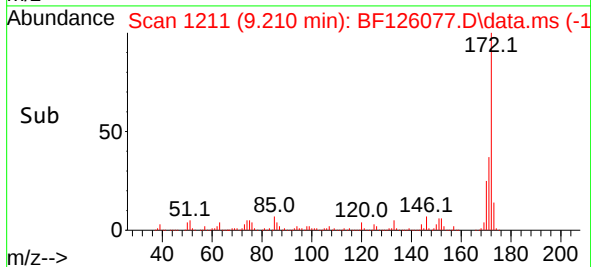
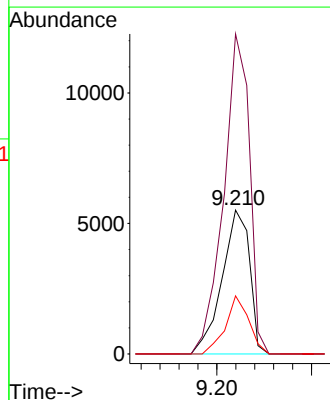
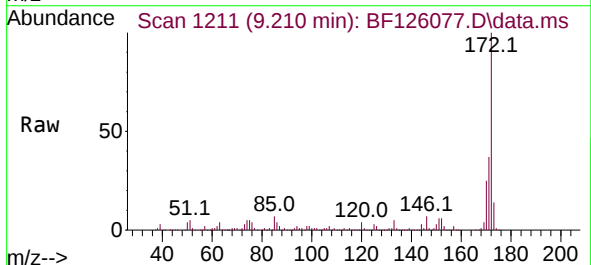
Instrument :
BNA_F
ClientSampleId :
AG-3

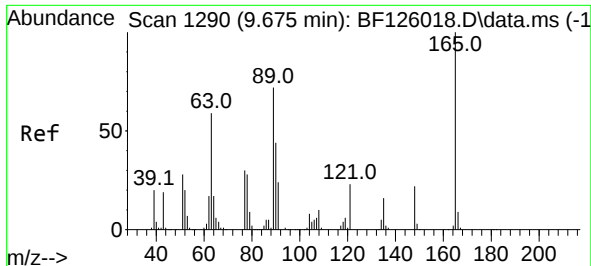
Tgt Ion:172 Resp: 2820012
Ion Ratio Lower Upper
172 100
171 36.9 26.5 39.7
170 24.2 18.8 28.2



#48
2-Nitroaniline
Concen: 3.430 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.218 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

Tgt Ion: 65 Resp: 5562
Ion Ratio Lower Upper
65 100
92 222.5 55.5 83.3#
138 40.4 93.5 140.3#





#51

2,6-Dinitrotoluene

Concen: 10.485 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.211 min

Lab File: BF126077.D

Acq: 9 Nov 2021 12:00

Instrument :

BNA_F

ClientSampleId :

AG-3

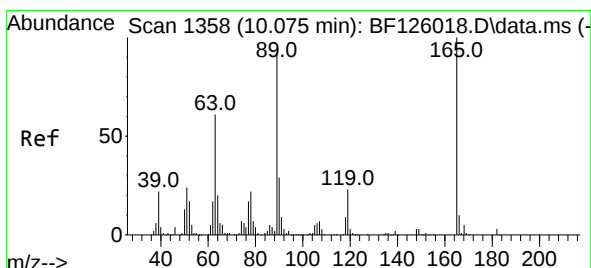
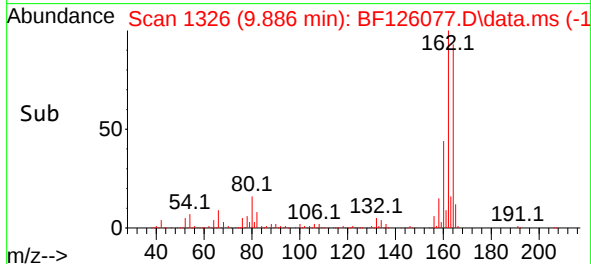
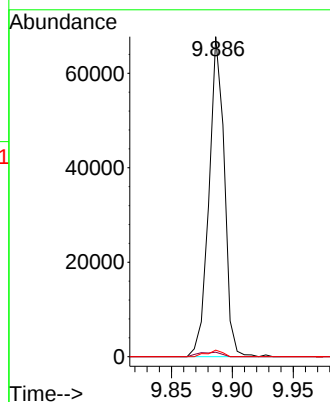
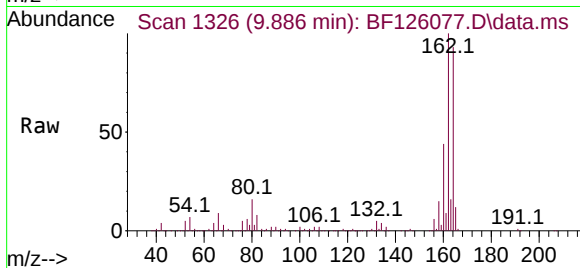
Tgt Ion:165 Resp: 59212

Ion Ratio Lower Upper

165 100

63 1.4 42.6 63.8#

89 2.0 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 9.964 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.189 min

Lab File: BF126077.D

Acq: 9 Nov 2021 12:00

Tgt Ion:165 Resp: 59212

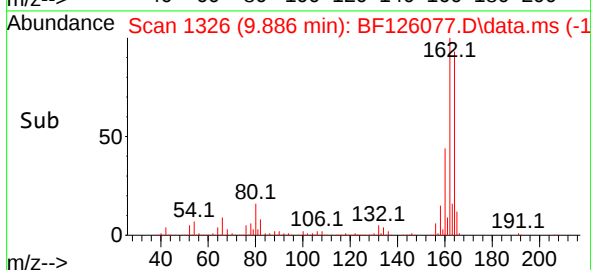
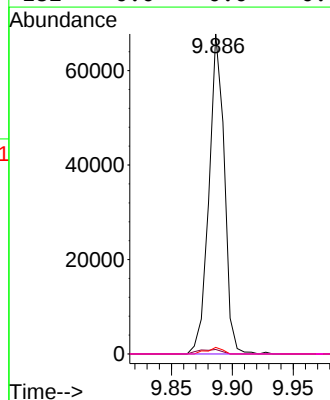
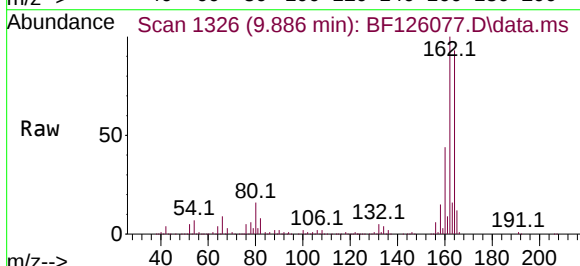
Ion Ratio Lower Upper

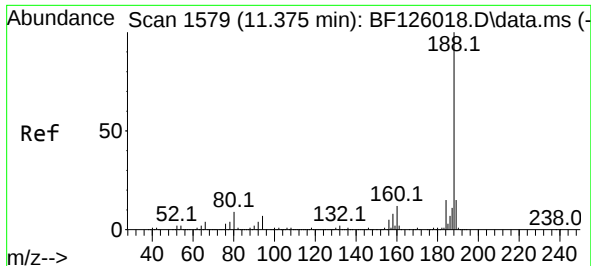
165 100

63 1.4 40.9 61.3#

89 2.0 59.7 89.5#

182 0.0 0.0 0.0

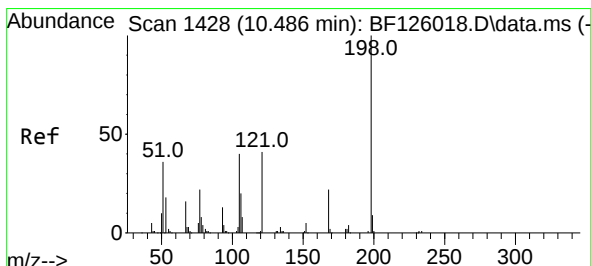
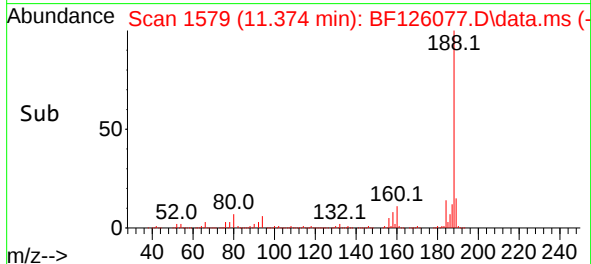
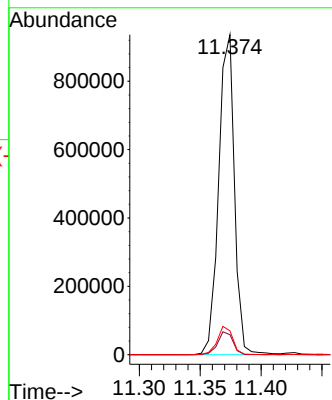
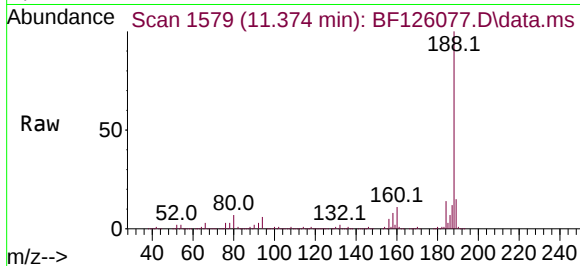




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

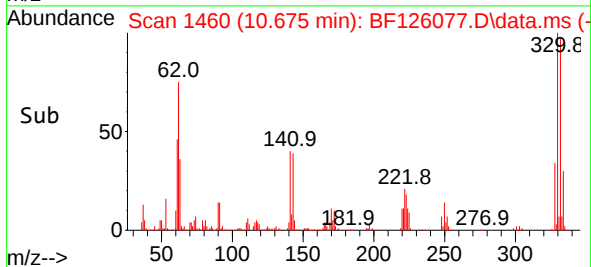
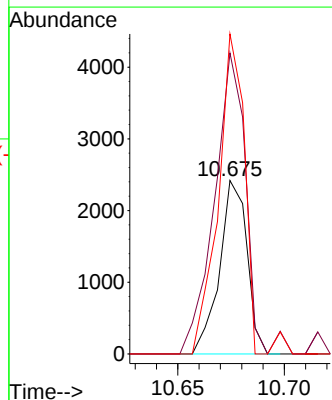
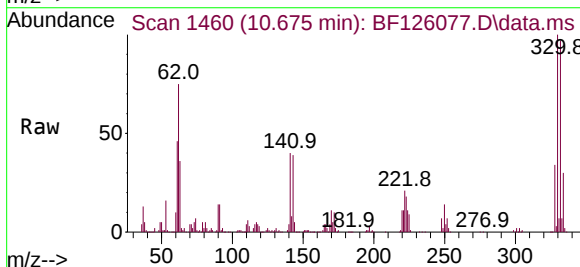
Instrument :
BNA_F
ClientSampleId :
AG-3

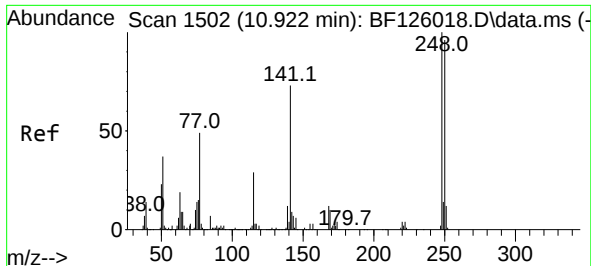
Tgt Ion:188 Resp: 846892
Ion Ratio Lower Upper
188 100
94 6.3 6.7 10.1#
80 7.5 7.5 11.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.756 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.188 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

Tgt Ion:198 Resp: 2168
Ion Ratio Lower Upper
198 100
51 173.5 45.3 85.3#
105 184.5 30.6 70.6#

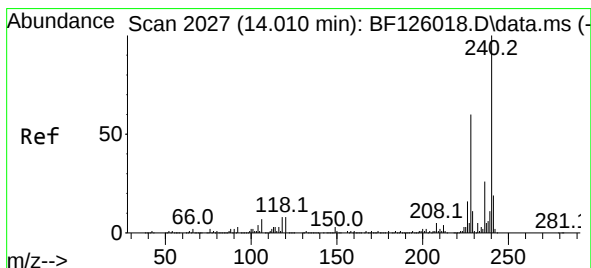
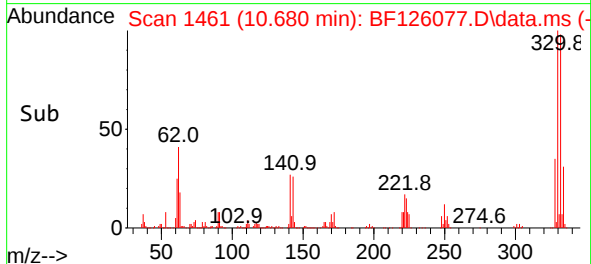
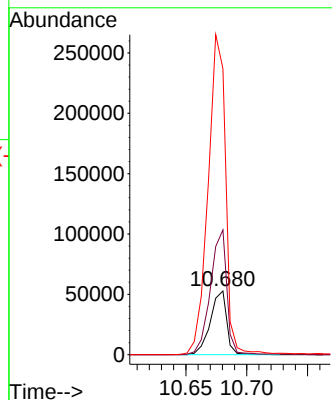
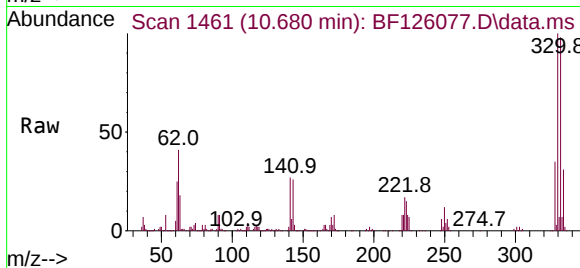




#67
4-Bromophenyl-phenylether
Concen: 4.797 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.242 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

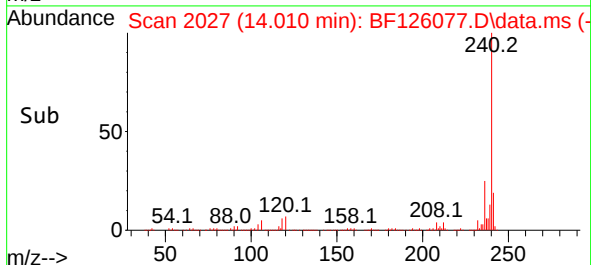
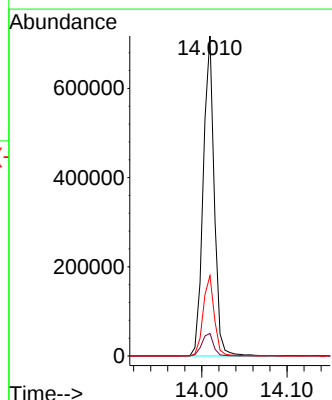
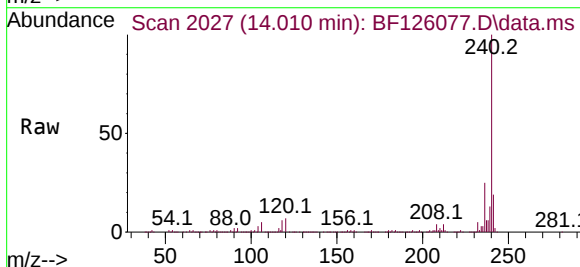
Instrument :
BNA_F
ClientSampleId :
AG-3

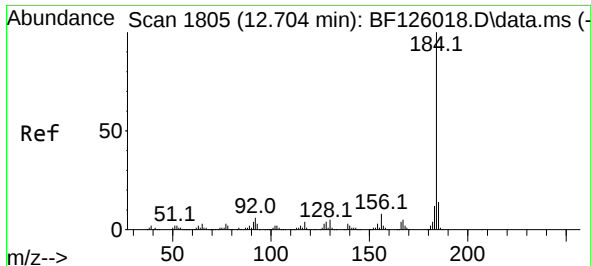
Tgt Ion:248 Resp: 49206
Ion Ratio Lower Upper
248 100
250 196.1 74.2 111.4#
141 449.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

Tgt Ion:240 Resp: 642977
Ion Ratio Lower Upper
240 100
120 7.1 10.8 16.2#
236 25.1 21.6 32.4

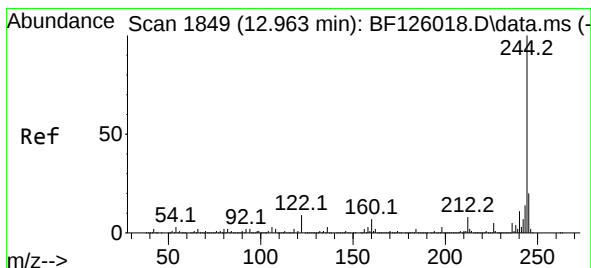
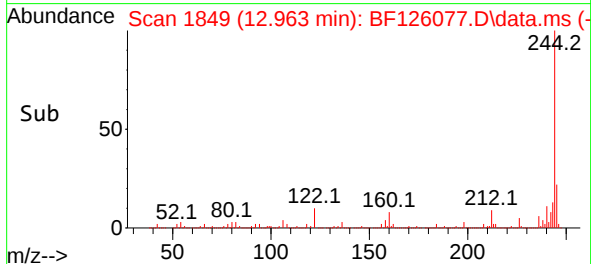
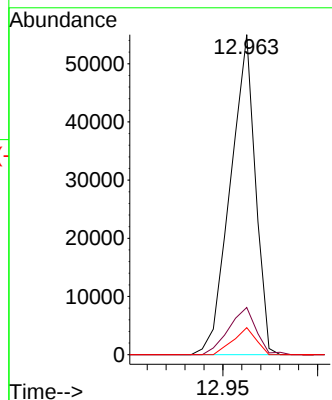
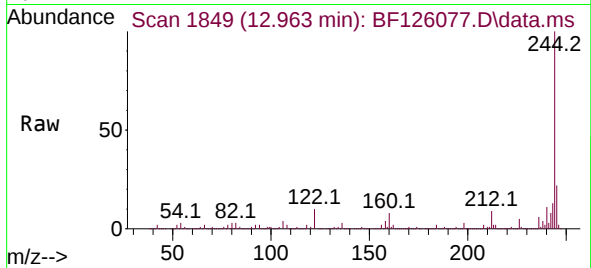




#77
Benzidine
Concen: 2.342 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.259 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

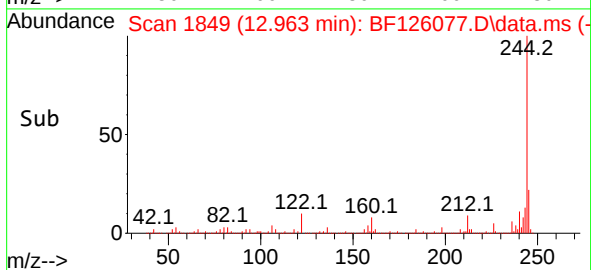
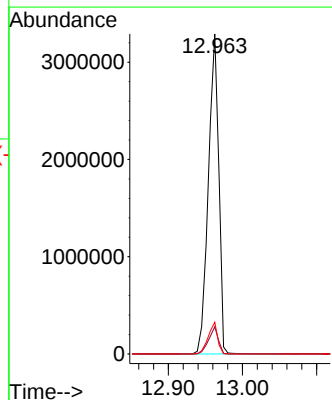
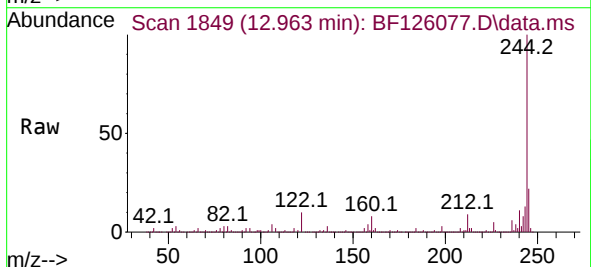
Instrument :
BNA_F
ClientSampleId :
AG-3

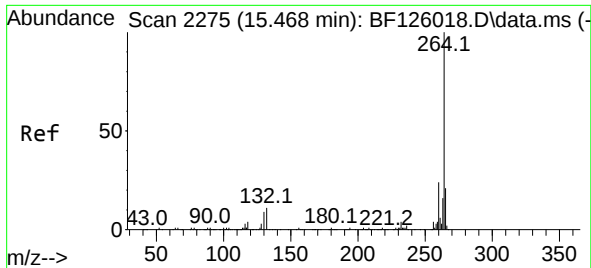
Tgt Ion:184 Resp: 50342
Ion Ratio Lower Upper
184 100
185 14.7 10.8 16.2
183 8.5 8.1 12.1



#79
Terphenyl-d14
Concen: 80.352 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

Tgt Ion:244 Resp: 3203909
Ion Ratio Lower Upper
244 100
212 8.5 5.9 8.9
122 10.0 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

Instrument :
BNA_F
ClientSampleId :
AG-3

Tgt Ion:264 Resp: 470988

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.5	17.2	25.8

