

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126080.D
 Acq On : 9 Nov 2021 13:46
 Operator : JU/CG
 Sample : M4485-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AG-7

Quant Time: Nov 09 14:53:07 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)

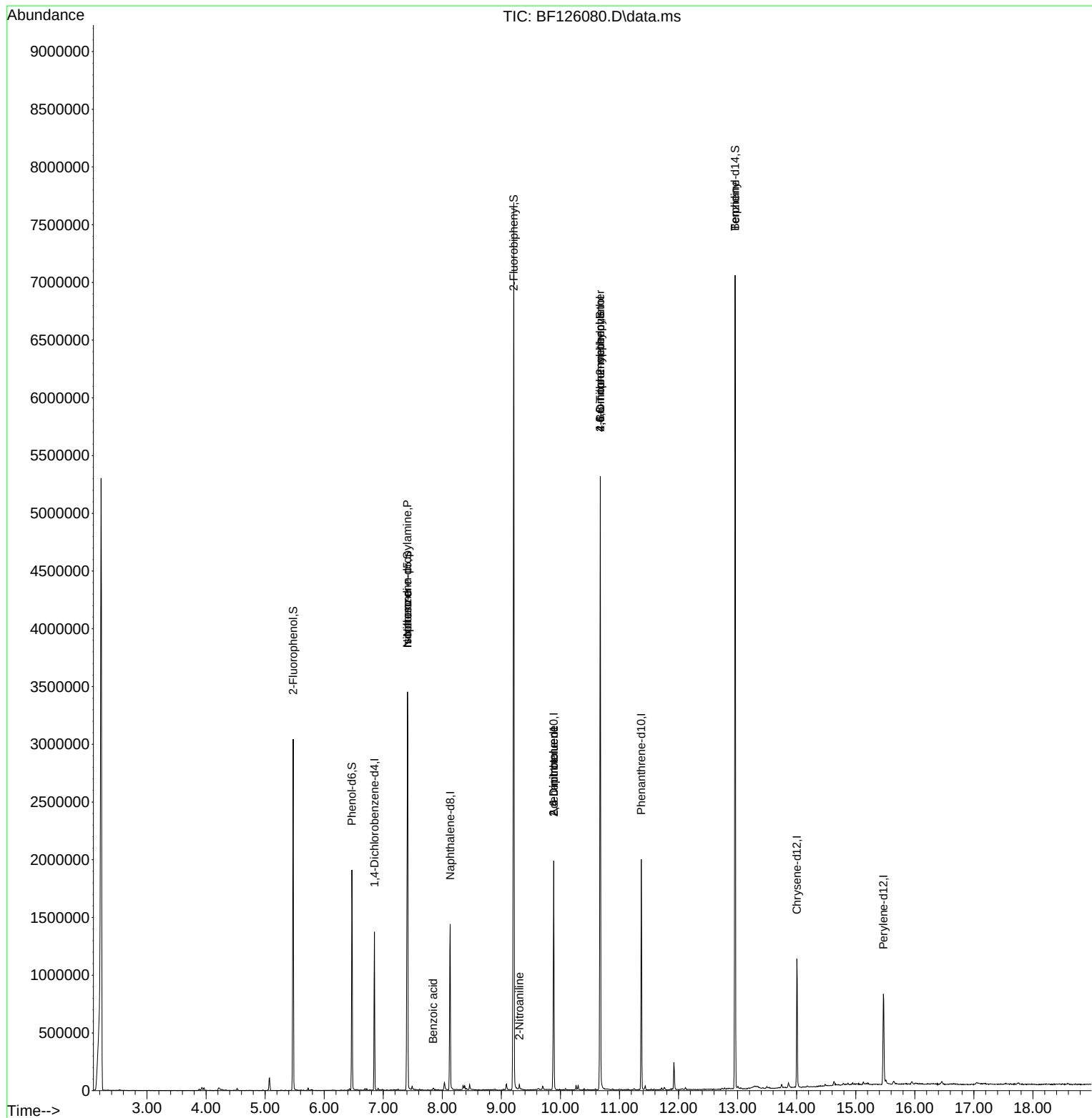
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	170293	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	638286	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	374581	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	674304	20.000	ng	0.00
76) Chrysene-d12	14.004	240	388060	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	387880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	630141	63.545	ng	0.01
7) Phenol-d6	6.469	99	494980	35.409	ng	-0.02
23) Nitrobenzene-d5	7.410	82	1261016	93.171	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	581664	135.500	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2340373	84.433	ng	0.00
79) Terphenyl-d14	12.957	244	2291577	95.224	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	874	Below Cal	#	63
19) n-Nitroso-di-n-propyla...	7.410	70	181698	19.716	ng	# 61
25) Isophorone	7.410	82	1247417	51.191	ng	# 59
32) Benzoic acid	7.845	122	116	9.159	ng	# 83
48) 2-Nitroaniline	9.304	65	757	2.945	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	47406	10.142	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	47406	9.741	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.675	198	1725	8.756	ng	# 10
67) 4-Bromophenyl-phenylether	10.675	248	36716	4.495	ng	# 1
77) Benzidine	12.957	184	34927	2.692	ng	# 96

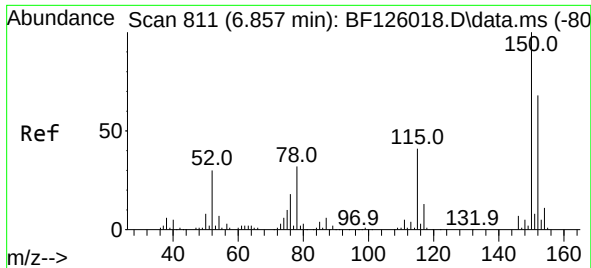
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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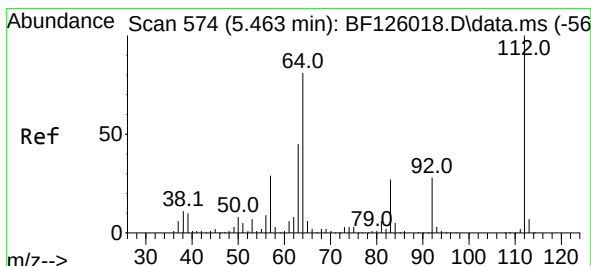
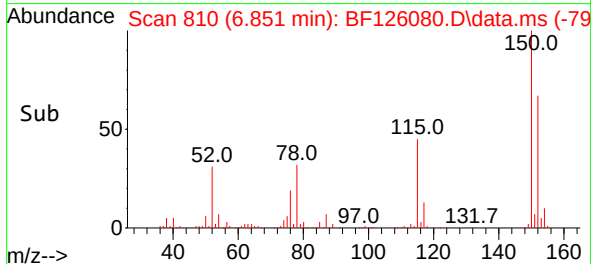
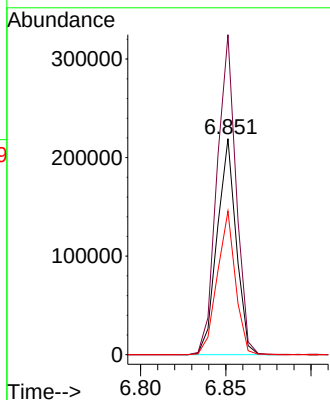
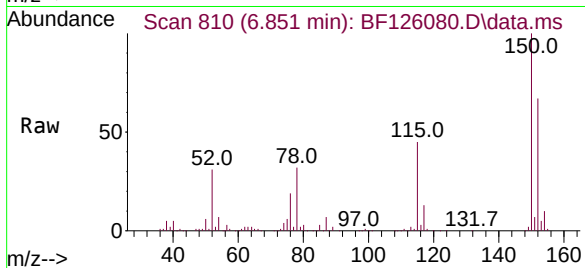




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

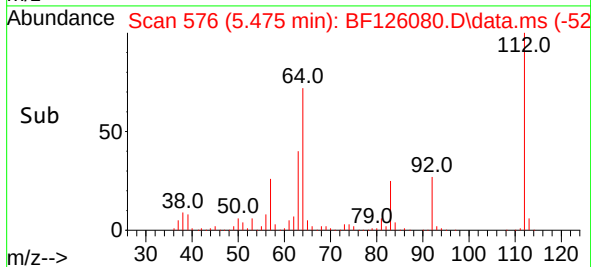
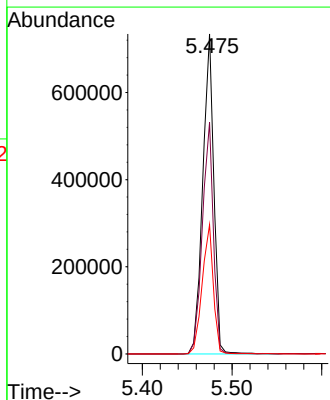
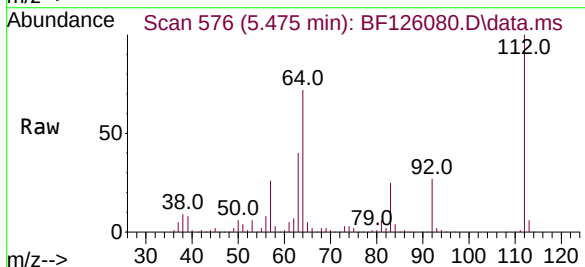
Instrument :
BNA_F
ClientSampleId :
AG-7

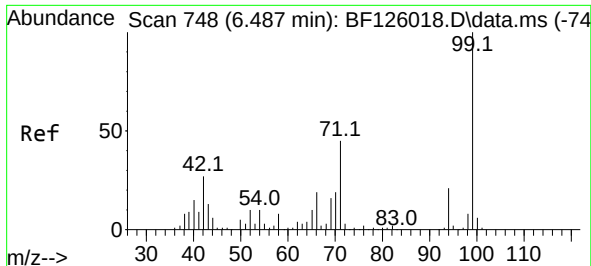
Tgt Ion:152 Resp: 170293
Ion Ratio Lower Upper
152 100
150 148.2 117.6 176.4
115 66.5 47.1 70.7



#5
2-Fluorophenol
Concen: 63.545 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

Tgt Ion:112 Resp: 630141
Ion Ratio Lower Upper
112 100
64 72.3 44.2 66.2#
63 40.4 26.2 39.2#

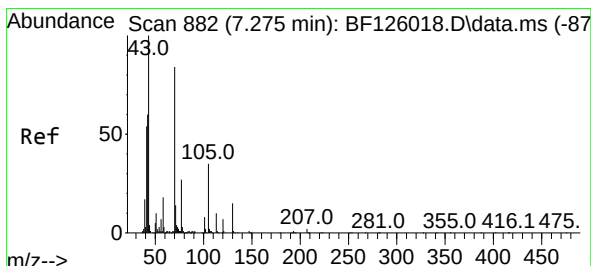
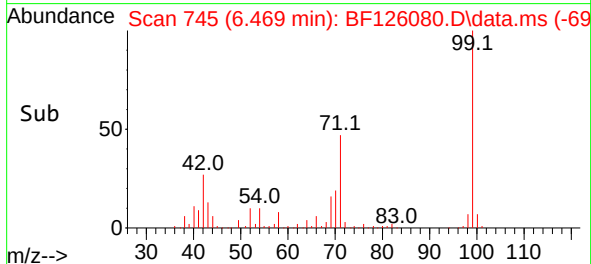
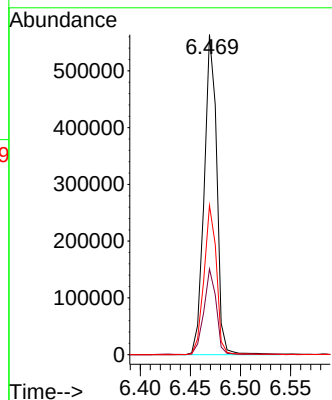
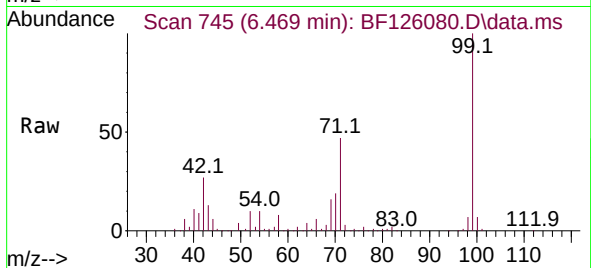




#7
Phenol-d6
Concen: 35.409 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

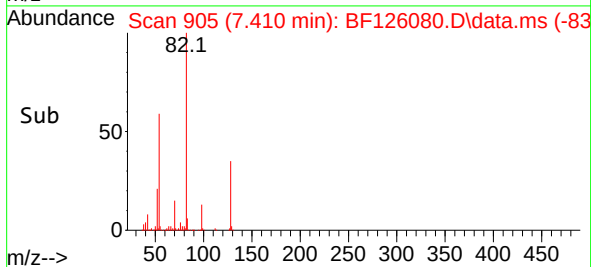
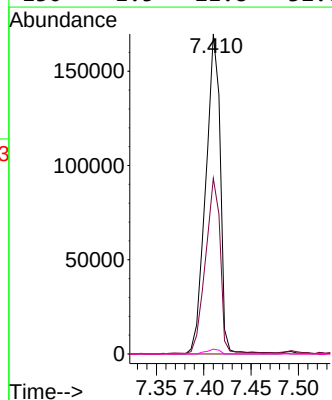
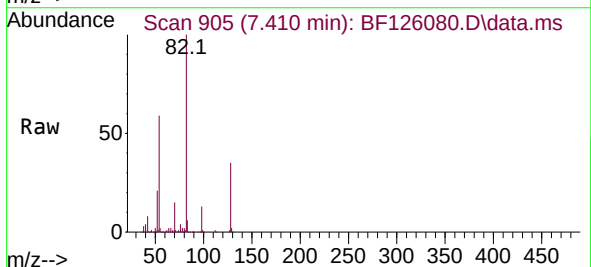
Instrument :
BNA_F
ClientSampleId :
AG-7

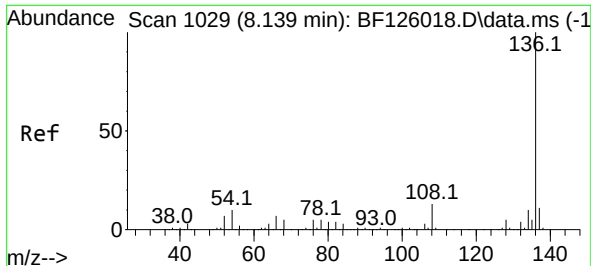
Tgt Ion: 99 Resp: 494980
Ion Ratio Lower Upper
99 100
42 26.8 23.5 35.3
71 46.6 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.716 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

Tgt Ion: 70 Resp: 181698
Ion Ratio Lower Upper
70 100
42 54.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#

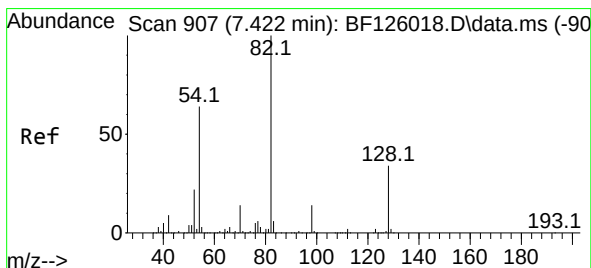
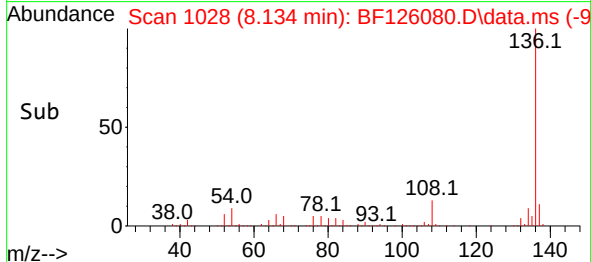
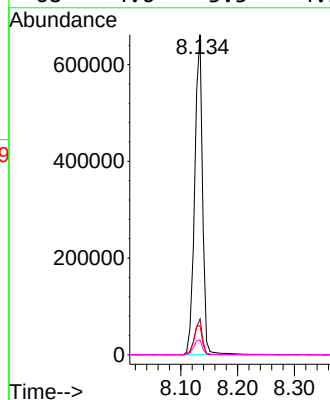
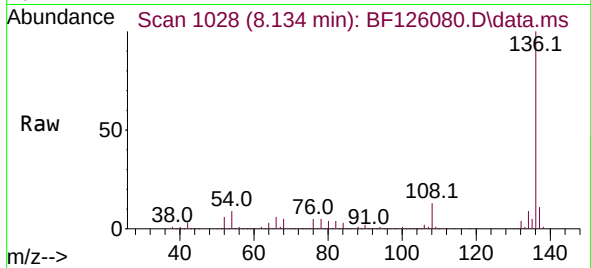




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

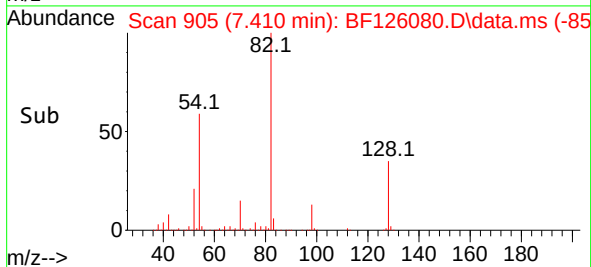
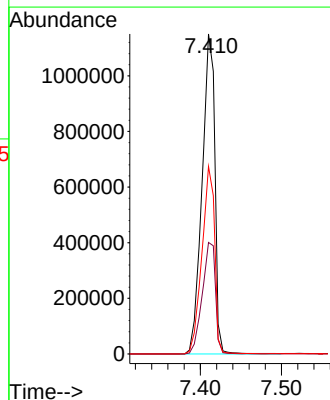
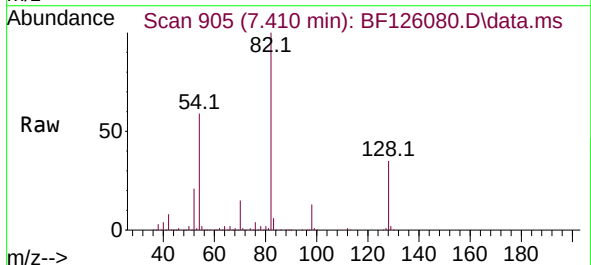
Instrument :
BNA_F
ClientSampleId :
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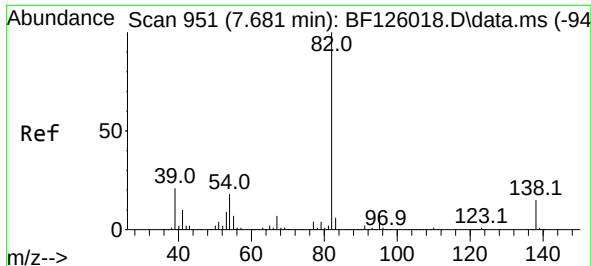
Tgt Ion:136 Resp: 638286
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 9.0 6.4 9.6
68 4.6 3.3 4.9



#23
Nitrobenzene-d5
Concen: 93.171 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

Tgt Ion: 82 Resp: 1261016
Ion Ratio Lower Upper
82 100
128 34.9 40.6 60.8#
54 58.6 49.6 74.4

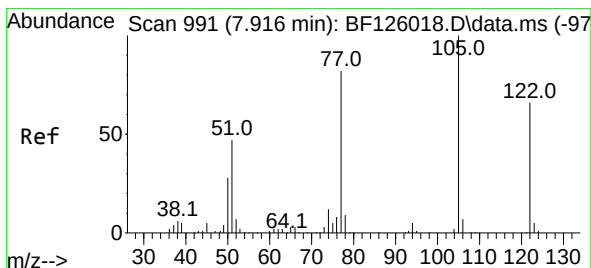
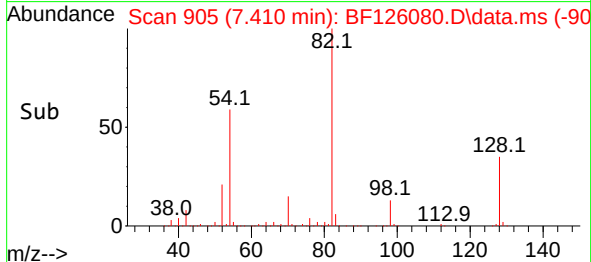
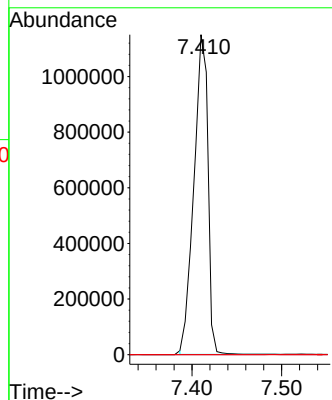
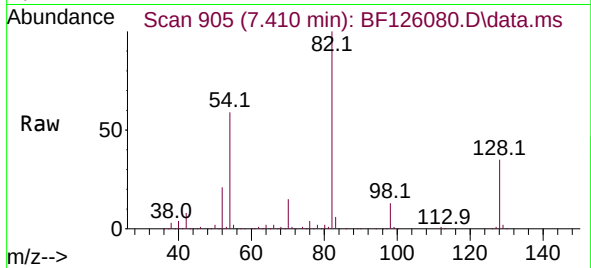




#25
Isophorone
Concen: 51.191 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.271 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

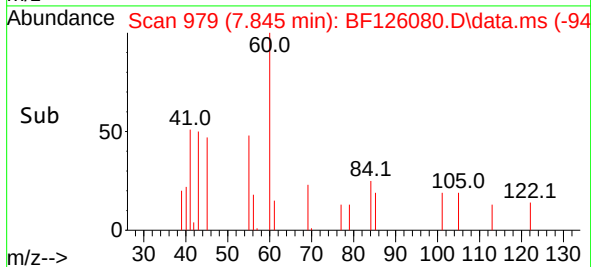
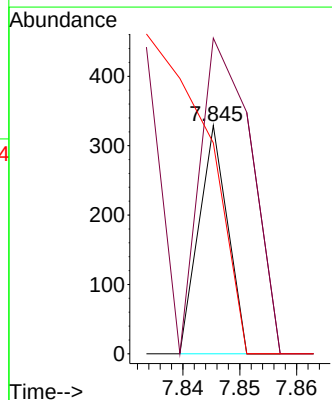
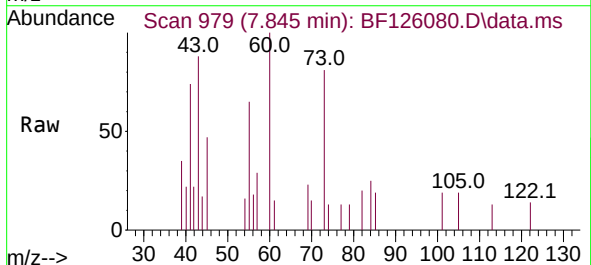
Instrument :
BNA_F
ClientSampleId :
AG-7

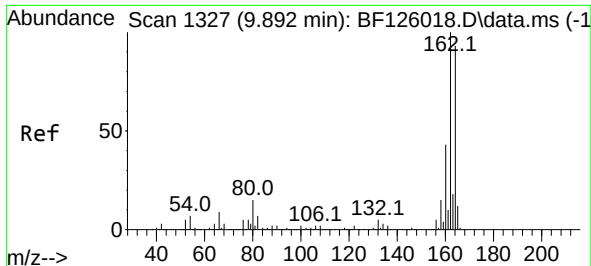
Tgt Ion: 82 Resp: 1247417
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.159 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.071 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

Tgt Ion: 122 Resp: 116
Ion Ratio Lower Upper
122 100
105 138.3 97.6 137.6#
77 92.4 59.6 99.6

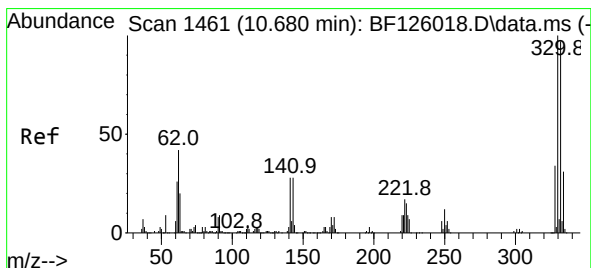
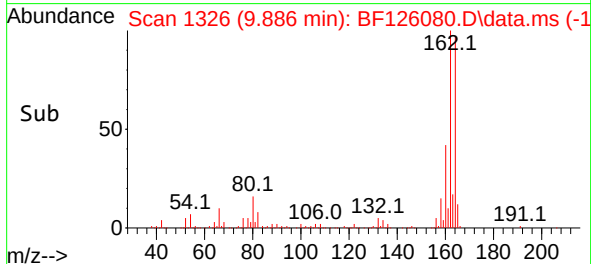
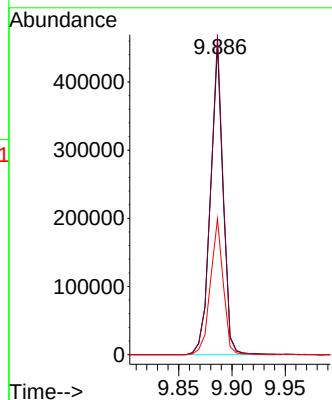
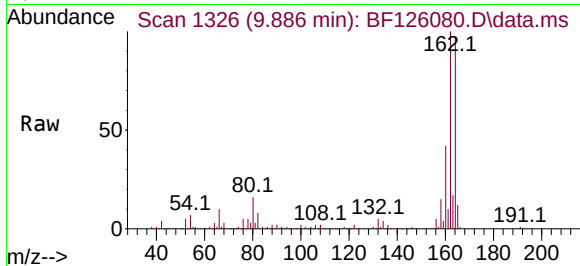




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

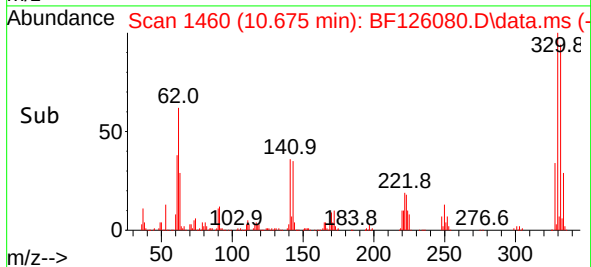
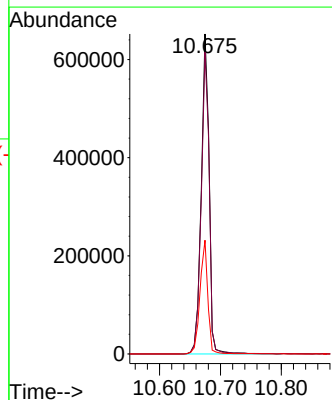
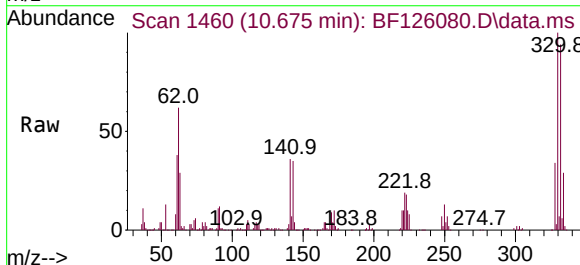
Instrument :
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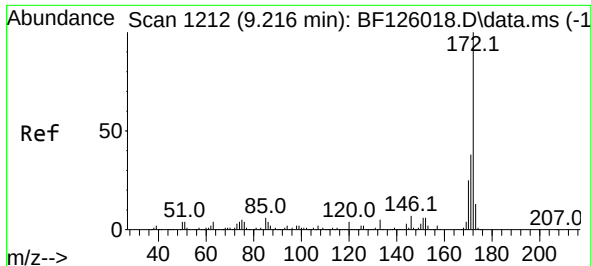
Tgt Ion:164 Resp: 374581
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 43.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 135.500 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

Tgt Ion:330 Resp: 581664
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 35.7 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 84.433 ng

RT: 9.210 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126080.D

Acq: 9 Nov 2021 13:46

Instrument :

BNA_F

ClientSampleId :

AG-7

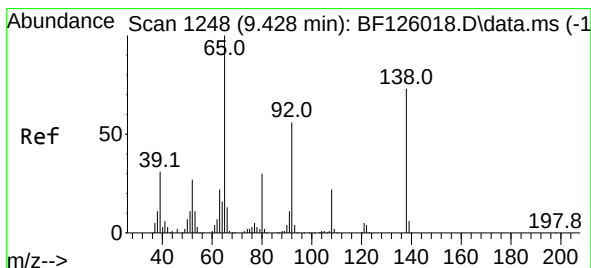
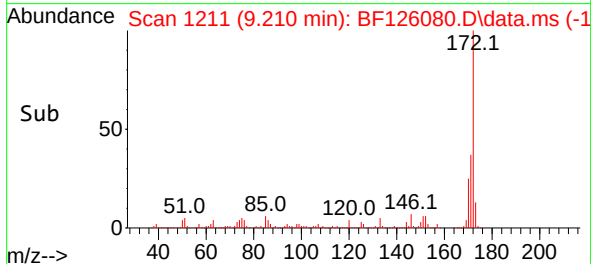
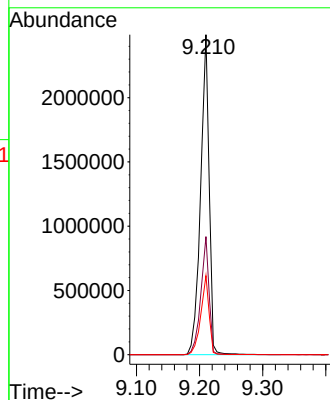
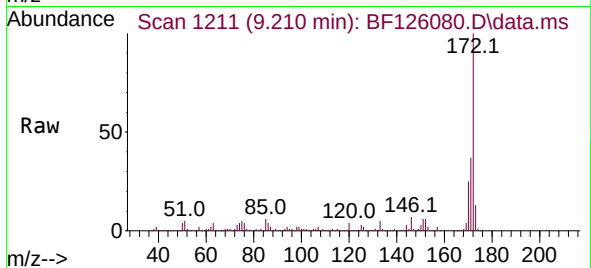
Tgt Ion:172 Resp: 2340373

Ion Ratio Lower Upper

172 100

171 36.9 26.5 39.7

170 24.7 18.8 28.2



#48

2-Nitroaniline

Concen: 2.945 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.124 min

Lab File: BF126080.D

Acq: 9 Nov 2021 13:46

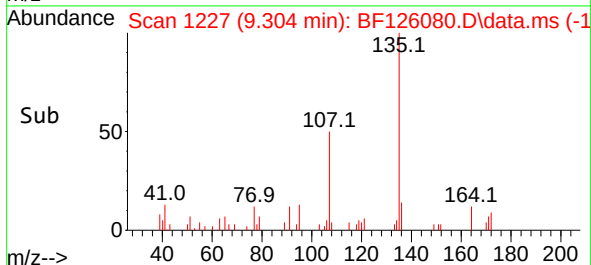
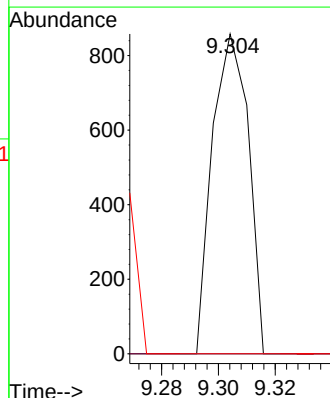
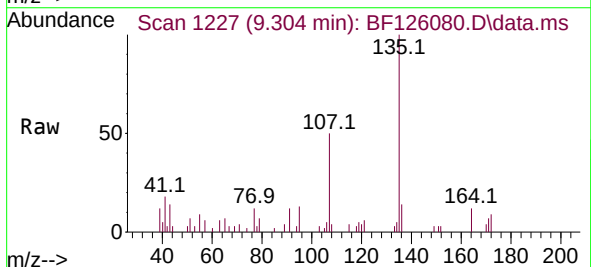
Tgt Ion: 65 Resp: 757

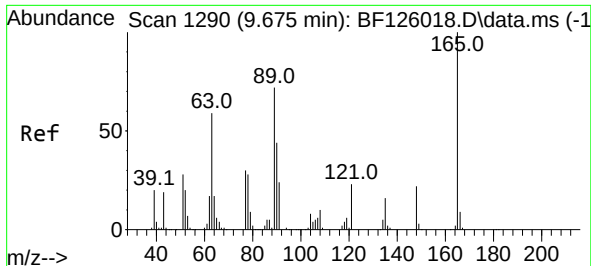
Ion Ratio Lower Upper

65 100

92 0.0 55.5 83.3#

138 0.0 93.5 140.3#

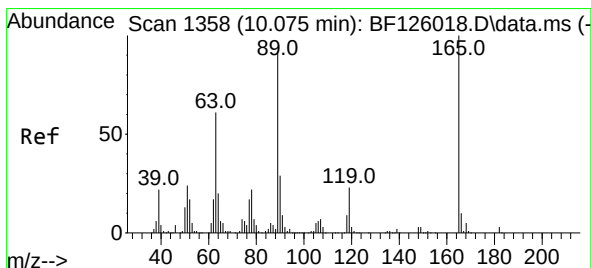
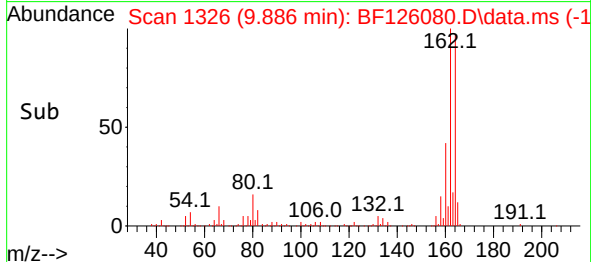
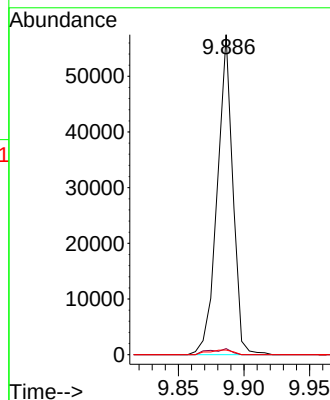
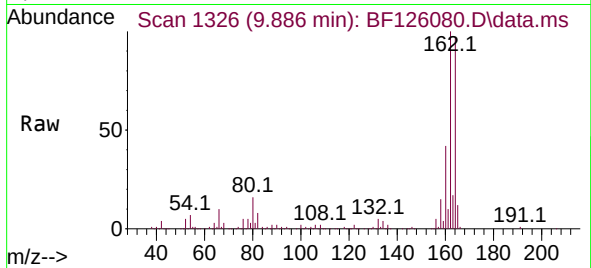




#51
2,6-Dinitrotoluene
Concen: 10.142 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

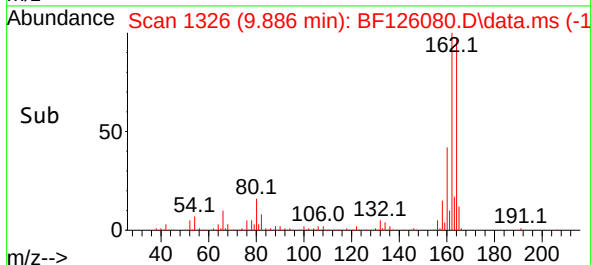
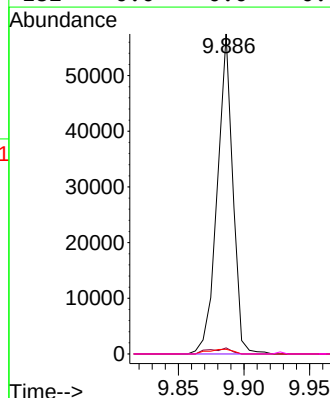
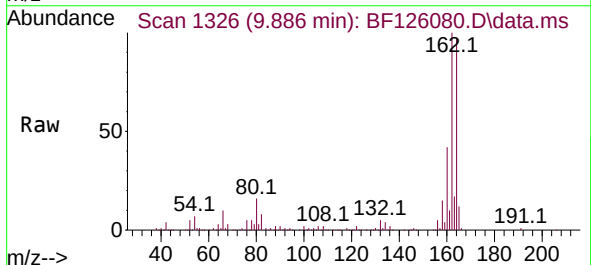
Instrument :
BNA_F
ClientSampleId :
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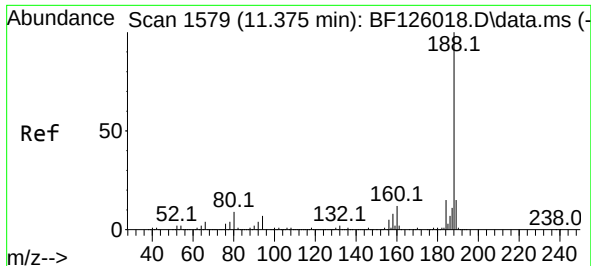
Tgt Ion:165 Resp: 47406
Ion Ratio Lower Upper
165 100
63 1.9 42.6 63.8#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.741 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.189 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

Tgt Ion:165 Resp: 47406
Ion Ratio Lower Upper
165 100
63 1.9 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

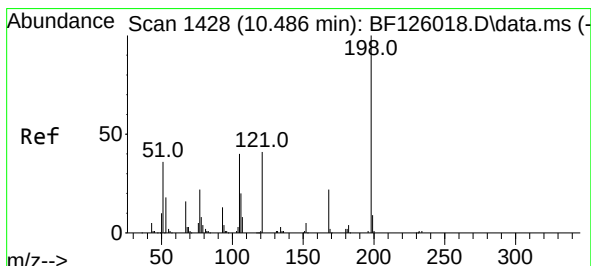
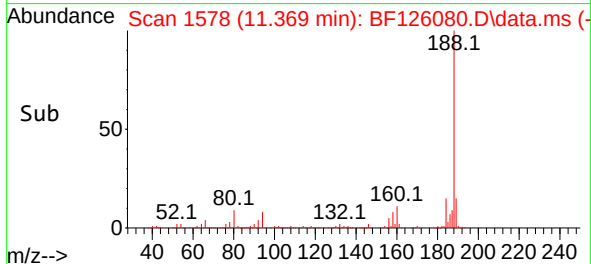
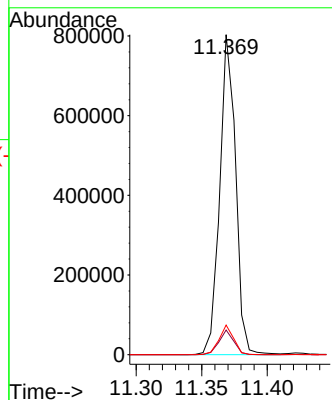
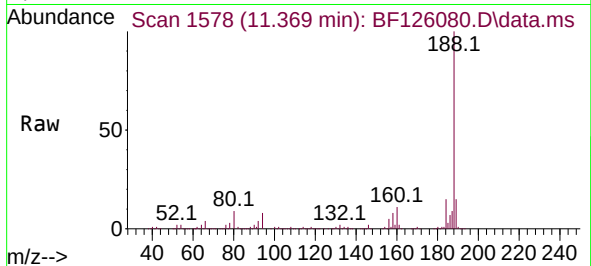




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

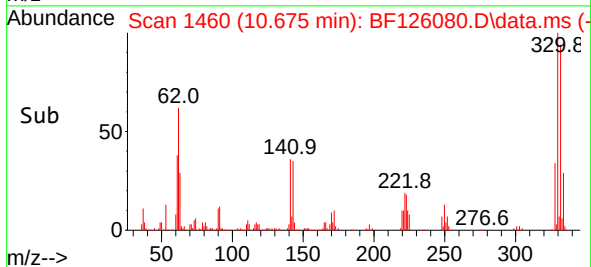
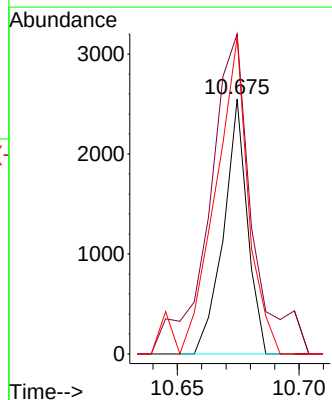
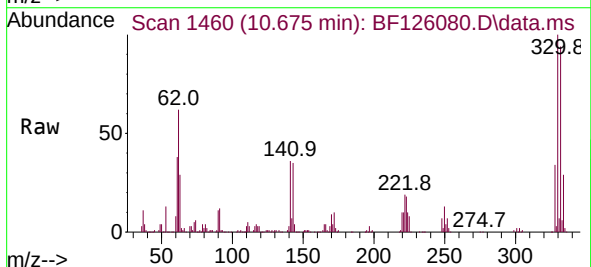
Instrument :
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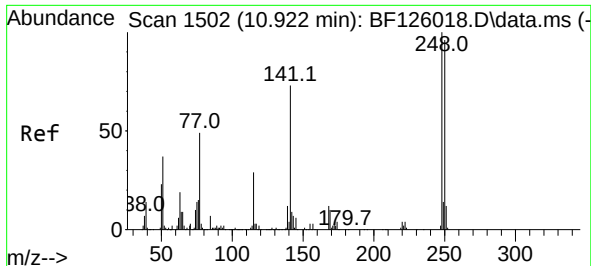
Tgt Ion:188 Resp: 674304
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.3 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.756 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.189 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

Tgt Ion:198 Resp: 1725
Ion Ratio Lower Upper
198 100
51 125.6 45.3 85.3#
105 124.5 30.6 70.6#

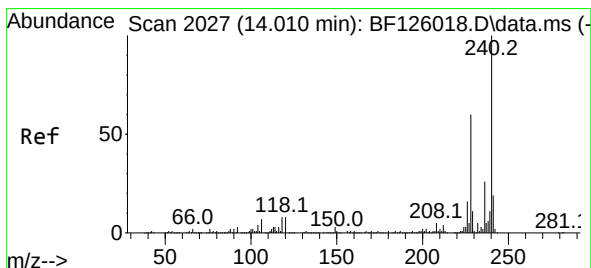
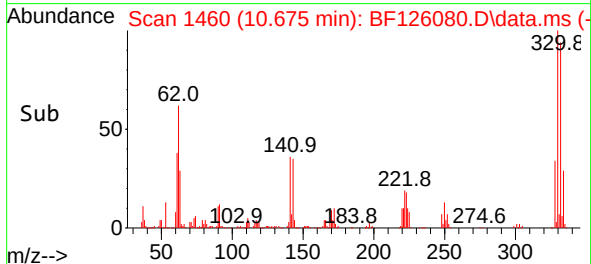
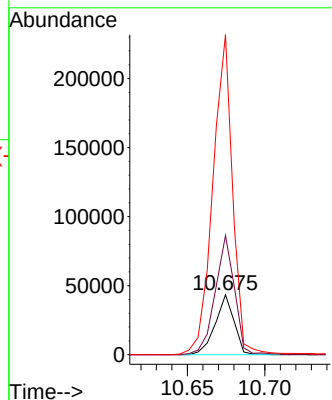
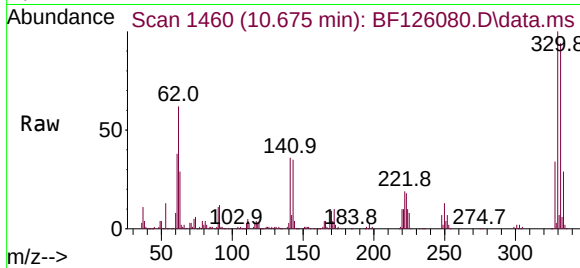




#67
4-Bromophenyl-phenylether
Concen: 4.495 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

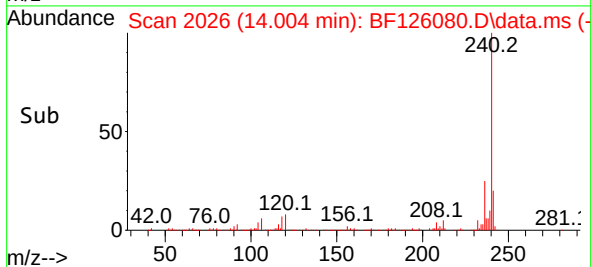
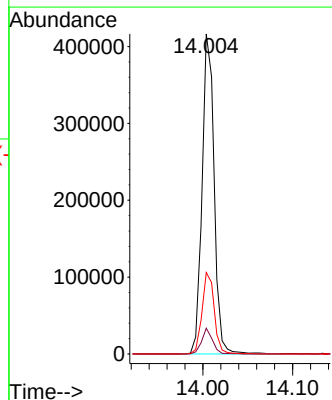
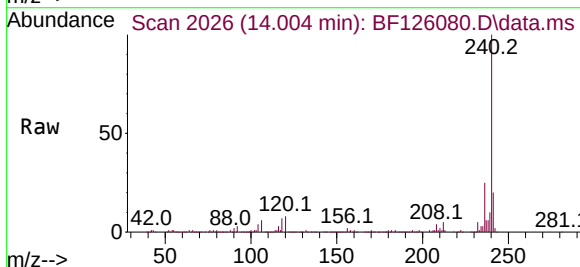
Instrument :
BNA_F
ClientSampleId :
AG-7

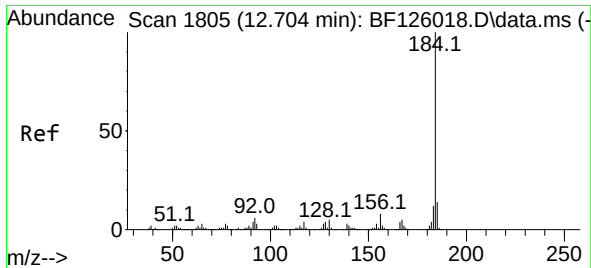
Tgt Ion:248 Resp: 36716
Ion Ratio Lower Upper
248 100
250 198.5 74.2 111.4#
141 532.8 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

Tgt Ion:240 Resp: 388060
Ion Ratio Lower Upper
240 100
120 8.1 10.8 16.2#
236 25.4 21.6 32.4

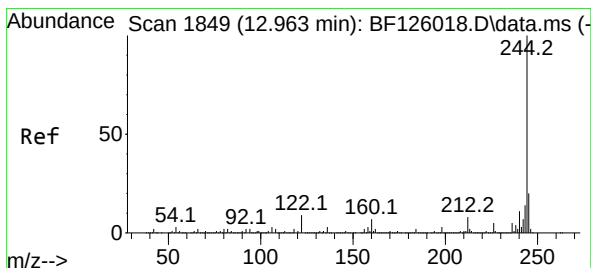
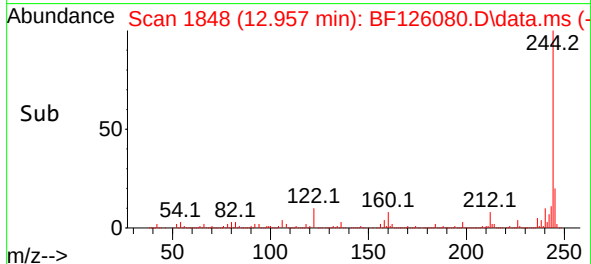
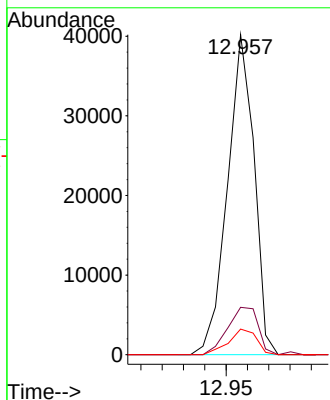
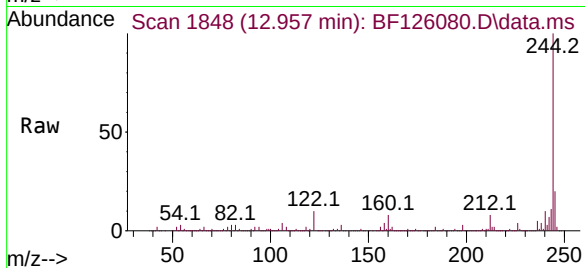




#77
Benzidine
Concen: 2.692 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

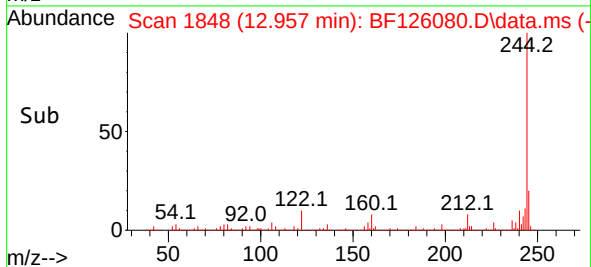
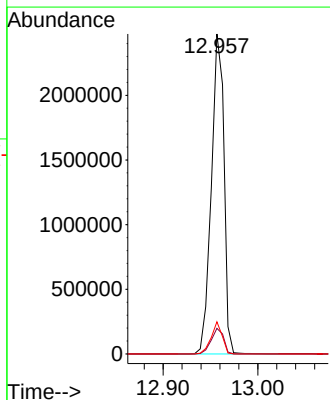
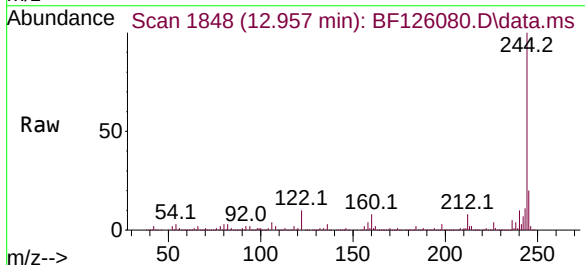
Instrument :
BNA_F
ClientSampleId :
AG-7

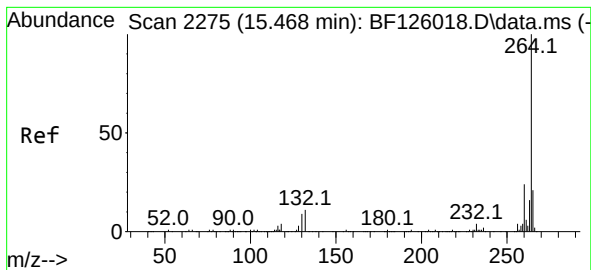
Tgt Ion:184 Resp: 34927
Ion Ratio Lower Upper
184 100
185 14.8 10.8 16.2
183 8.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 95.224 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126080.D
Acq: 9 Nov 2021 13:46

Tgt Ion:244 Resp: 2291577
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 10.1 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: BF126080.D

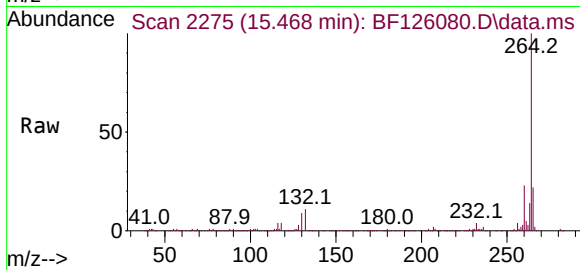
Acq: 9 Nov 2021 13:46

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 387880

Ion Ratio Lower Upper

264 100

260 23.2 19.6 29.4

265 21.6 17.2 25.8

