

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126810.D
 Acq On : 04 Feb 2022 14:55
 Operator : CG/JU
 Sample : N1381-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-05(33-35)-02-01-22

Quant Time: Feb 04 23:53:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

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

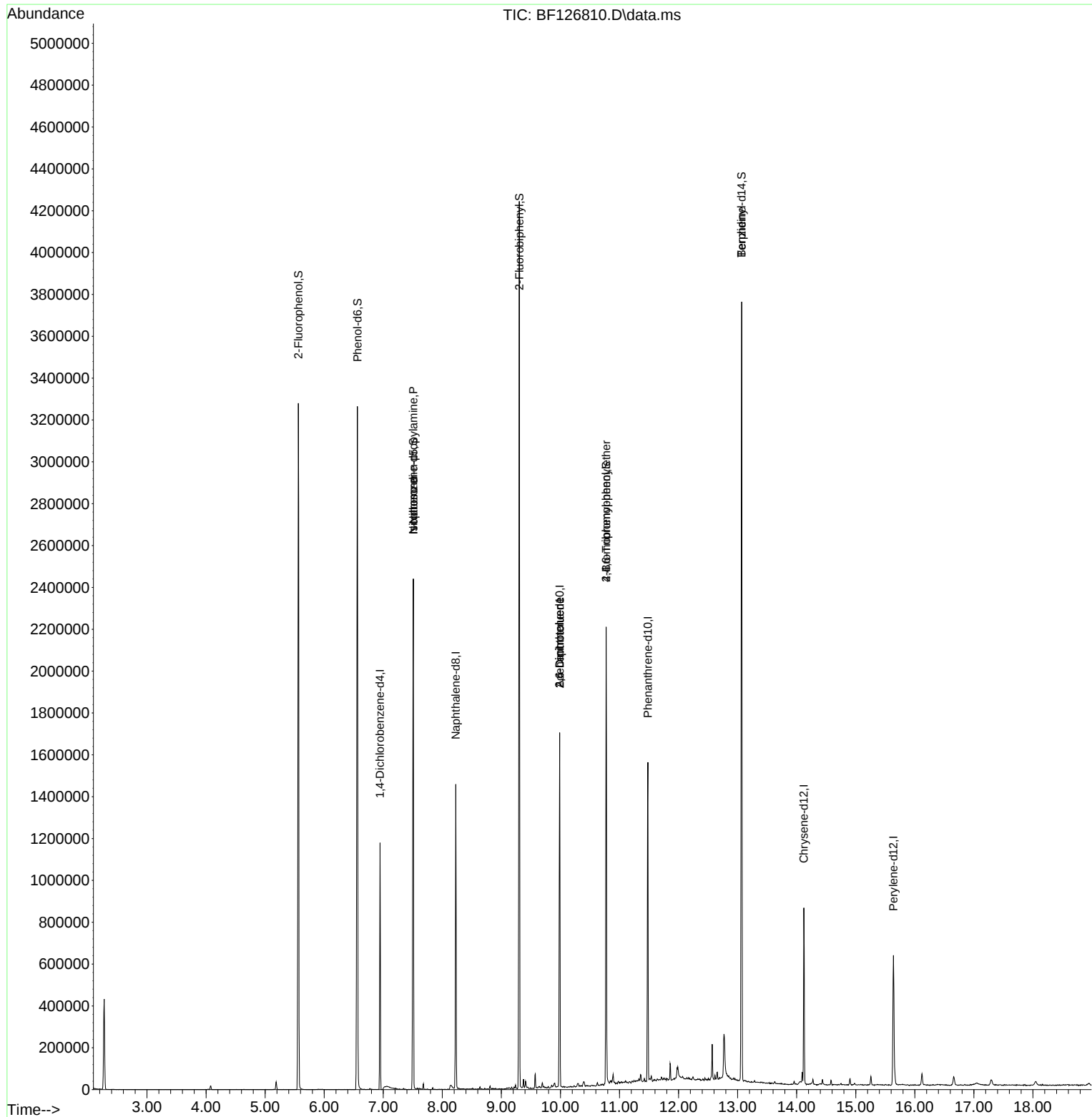
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	143992	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	561882	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	305331	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	517301	20.000	ng	0.00
76) Chrysene-d12	14.121	240	273017	20.000	ng	#-0.01
86) Perylene-d12	15.639	264	266214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	953804	90.727	ng	0.00
7) Phenol-d6	6.563	99	1317769	90.617	ng	0.00
23) Nitrobenzene-d5	7.510	82	916837	61.068	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	241087	76.081	ng	-0.01
45) 2-Fluorobiphenyl	9.304	172	1180672	64.029	ng	0.00
79) Terphenyl-d14	13.068	244	1195912	73.276	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	121268	12.664	ng	# 68
25) Isophorone	7.510	82	912632	35.419	ng	# 69
51) 2,6-Dinitrotoluene	9.986	165	38383	8.853	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	38383	6.532	ng	# 15
67) 4-Bromophenyl-phenylether	10.774	248	15612	2.637	ng	# 1
77) Benzidine	13.068	184	14875	2.375	ng	# 94

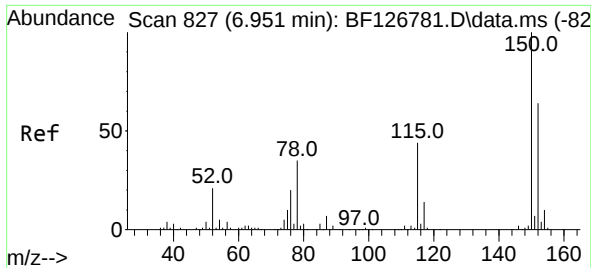
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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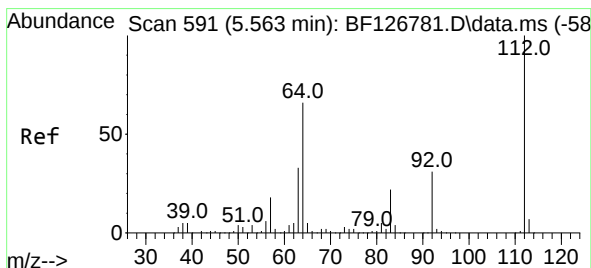
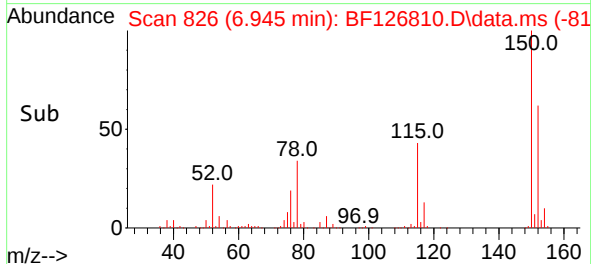
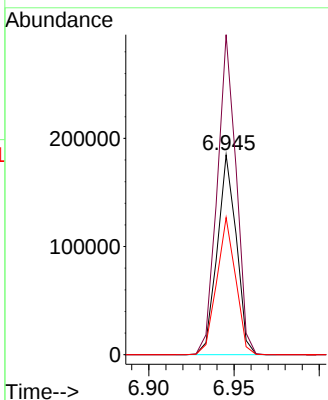
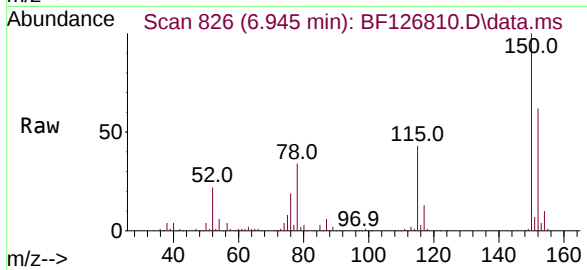




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126810.D
Acq: 04 Feb 2022 14:55

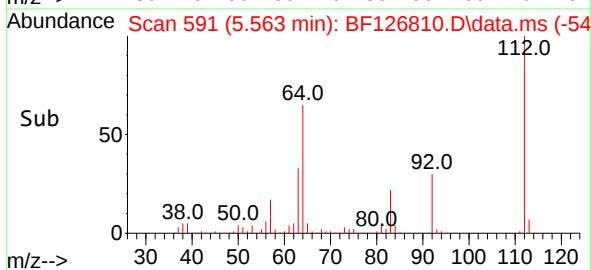
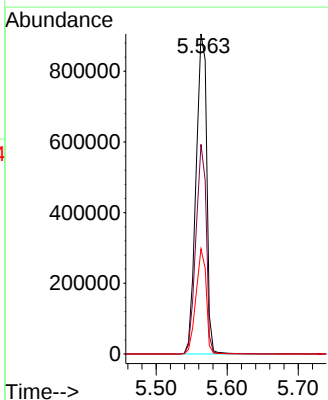
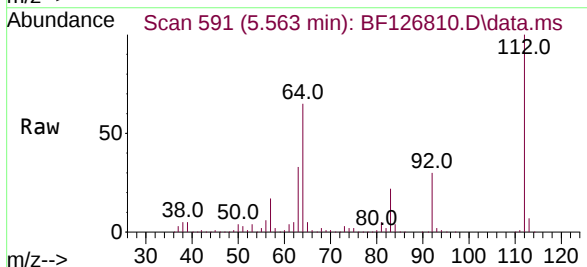
Instrument :
BNA_F
ClientSampleId :
DB-05(33-35)-02-01-22

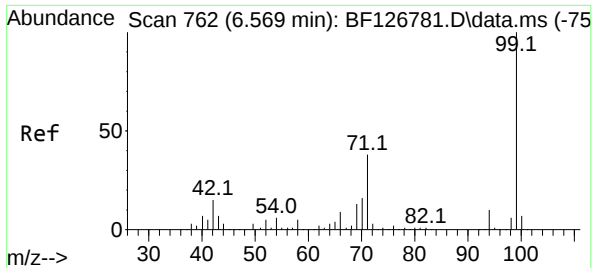
Tgt Ion:152 Resp: 143992
Ion Ratio Lower Upper
152 100
150 160.1 128.1 192.1
115 68.6 56.7 85.1



#5
2-Fluorophenol
Concen: 90.727 ng
RT: 5.563 min Scan# 591
Delta R.T. -0.000 min
Lab File: BF126810.D
Acq: 04 Feb 2022 14:55

Tgt Ion:112 Resp: 953804
Ion Ratio Lower Upper
112 100
64 65.5 49.5 74.3
63 32.9 23.9 35.9

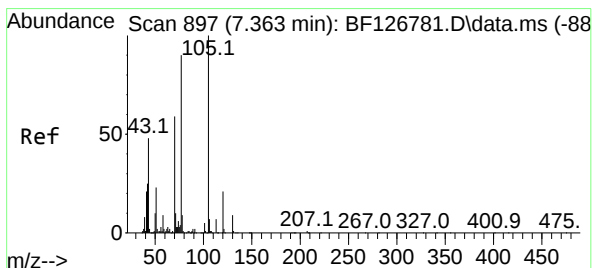
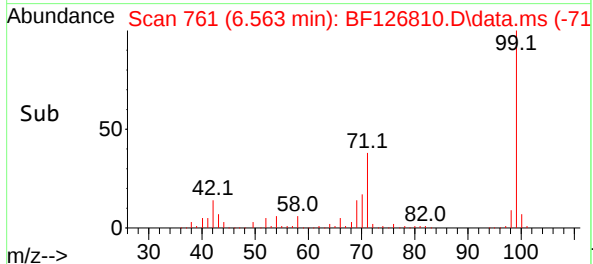
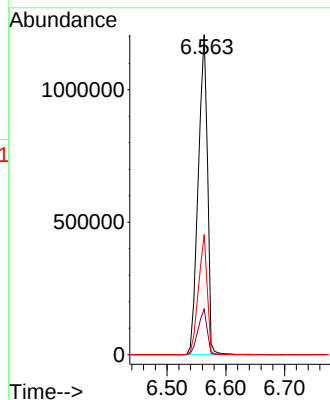
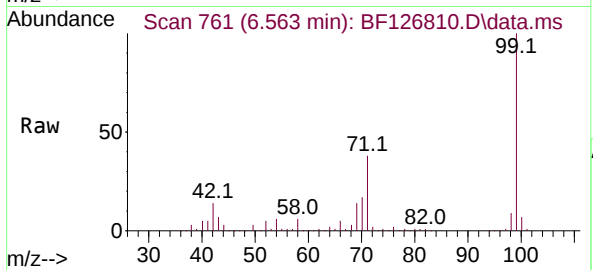




#7
Phenol-d6
Concen: 90.617 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126810.D
Acq: 04 Feb 2022 14:55

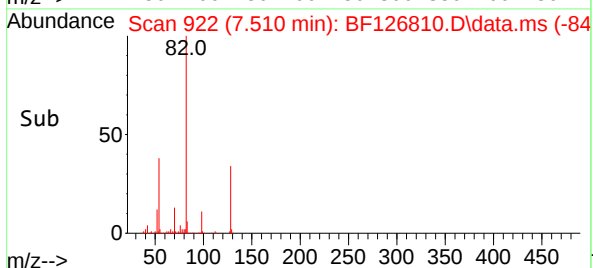
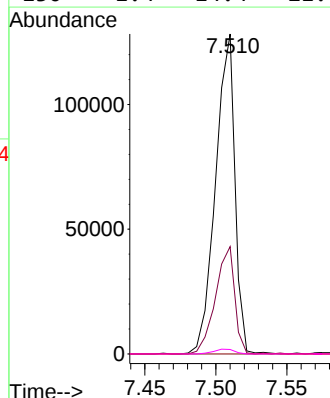
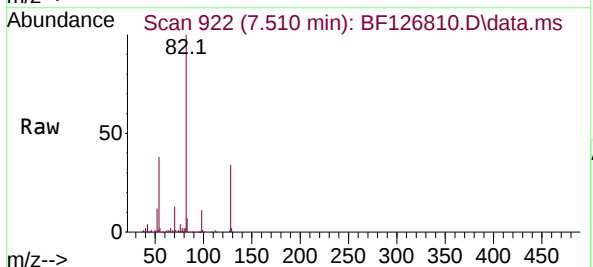
Instrument :
BNA_F
ClientSampleId :
DB-05(33-35)-02-01-22

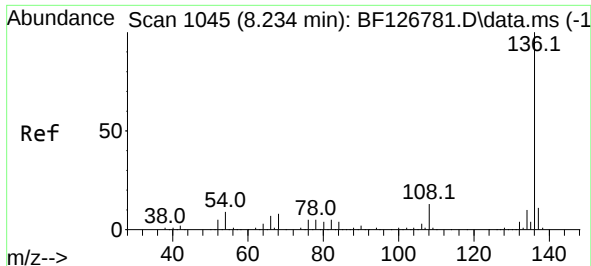
Tgt Ion: 99 Resp: 1317769
Ion Ratio Lower Upper
99 100
42 14.2 14.2 21.4#
71 37.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 12.664 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF126810.D
Acq: 04 Feb 2022 14:55

Tgt Ion: 70 Resp: 121268
Ion Ratio Lower Upper
70 100
42 33.6 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#

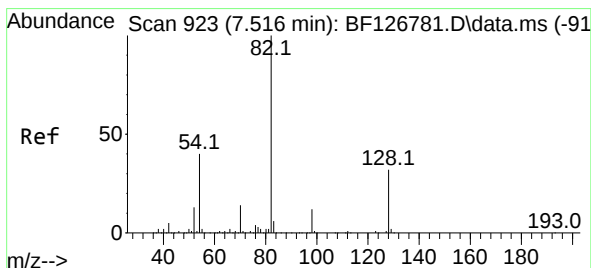
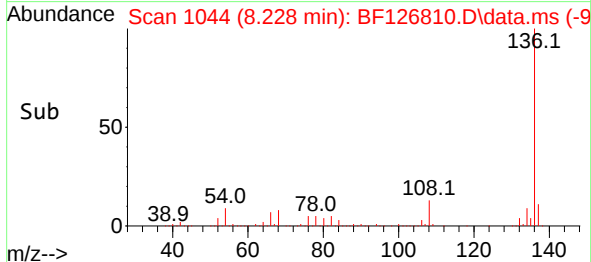
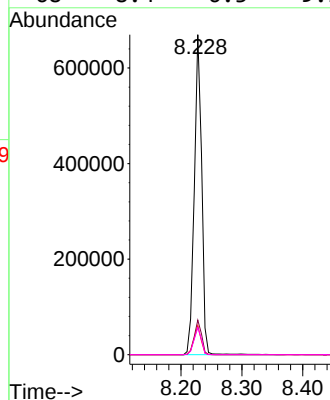
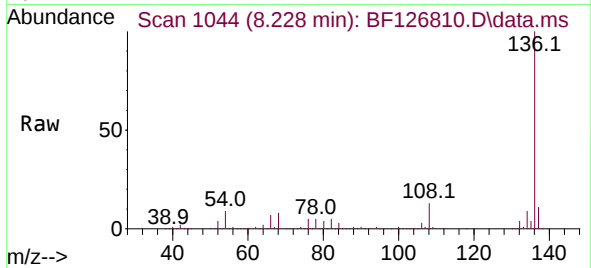




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126810.D
Acq: 04 Feb 2022 14:55

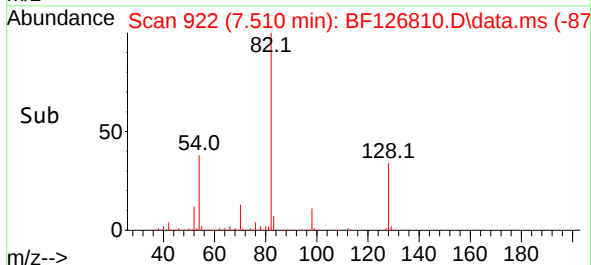
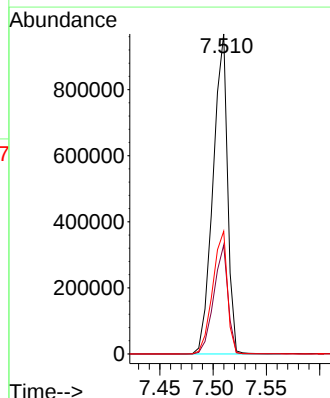
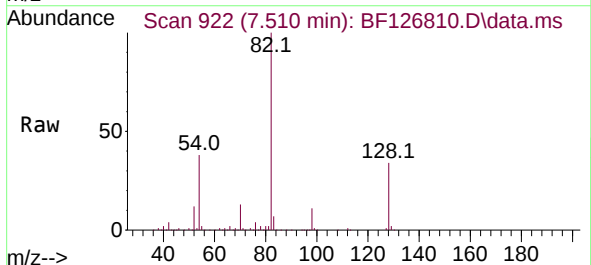
Instrument :
BNA_F
ClientSampleId :
DB-05(33-35)-02-01-22

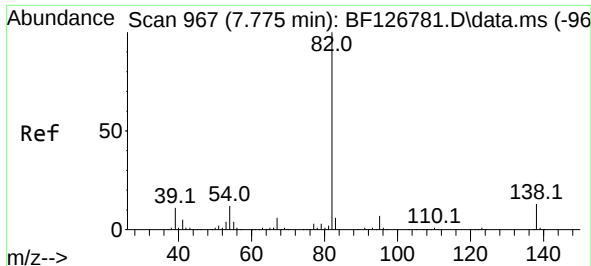
Tgt Ion:	136	Resp:	561882
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	9.0	7.8	11.6
68	8.4	6.3	9.5



#23
Nitrobenzene-d5
Concen: 61.068 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF126810.D
Acq: 04 Feb 2022 14:55

Tgt Ion:	82	Resp:	916837
Ion Ratio	Lower	Upper	
82	100		
128	34.0	32.7	49.1
54	38.4	41.7	62.5

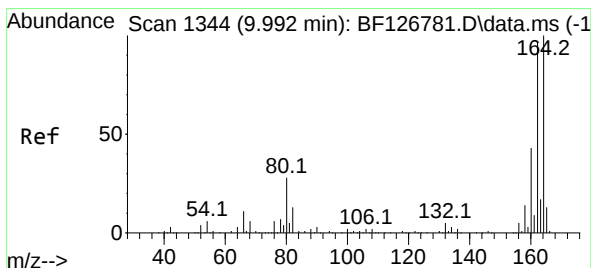
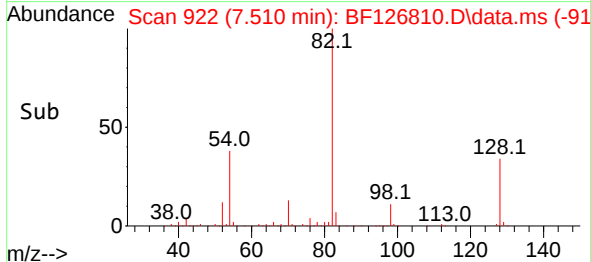
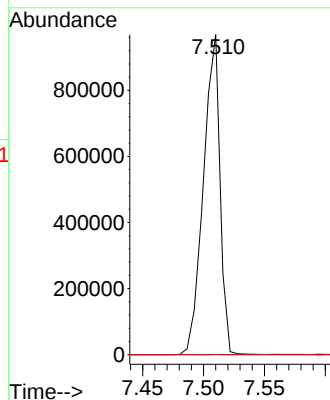
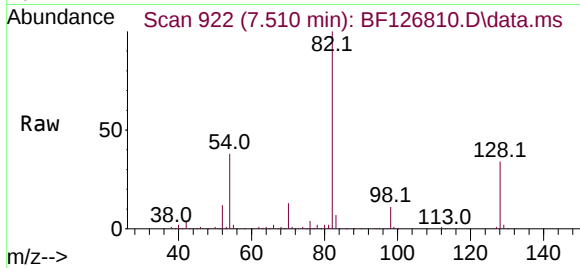




#25
Isophorone
Concen: 35.419 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126810.D
Acq: 04 Feb 2022 14:55

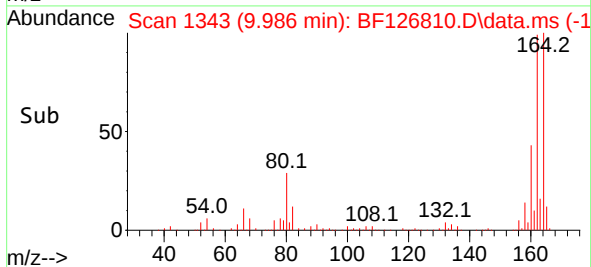
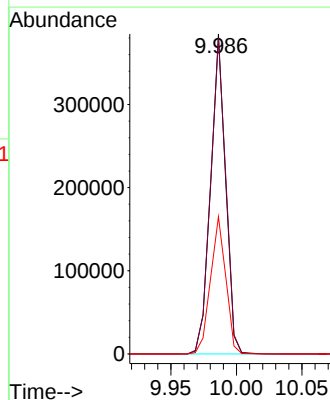
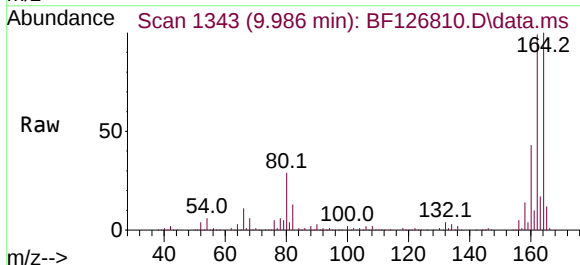
Instrument :
BNA_F
ClientSampleId :
DB-05(33-35)-02-01-22

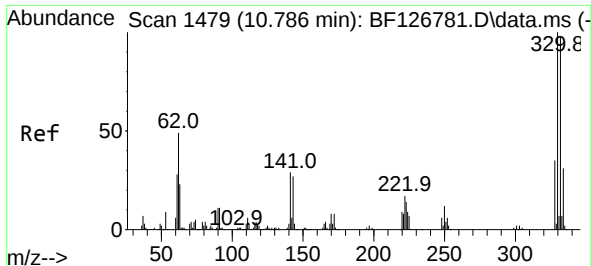
Tgt Ion: 82 Resp: 912632
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF126810.D
Acq: 04 Feb 2022 14:55

Tgt Ion: 164 Resp: 305331
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 42.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 76.081 ng

RT: 10.774 min Scan# 1477

Delta R.T. -0.012 min

Lab File: BF126810.D

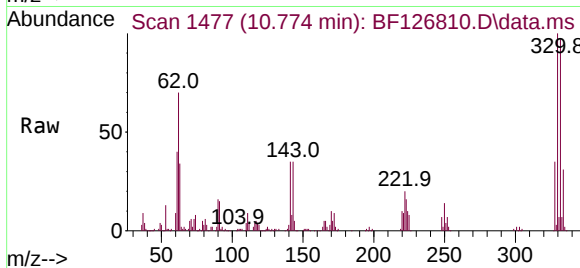
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Instrument :

BNA_F

ClientSampleId :

DB-05(33-35)-02-01-22



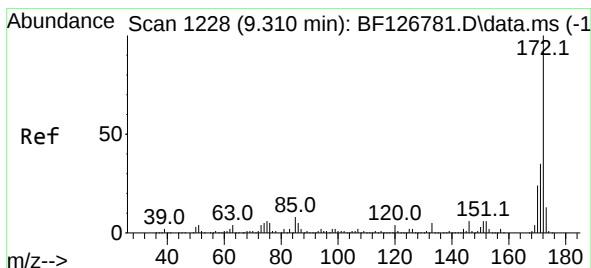
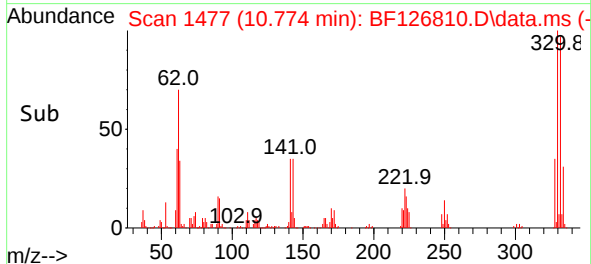
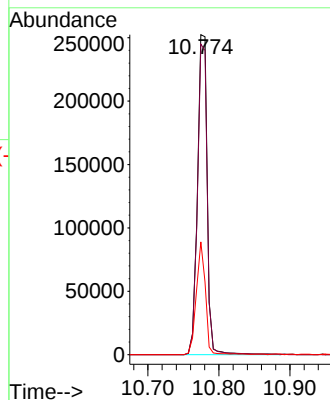
Tgt Ion:330 Resp: 241087

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 33.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 64.029 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF126810.D

Acq: 04 Feb 2022 14:55

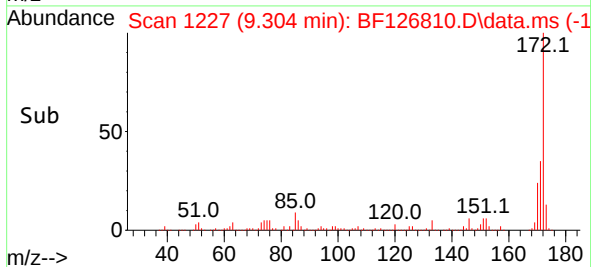
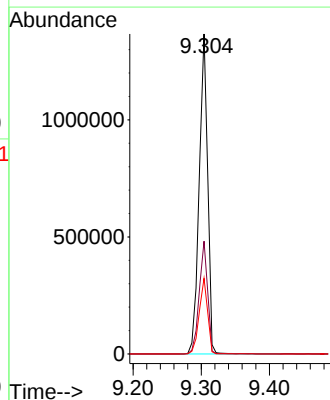
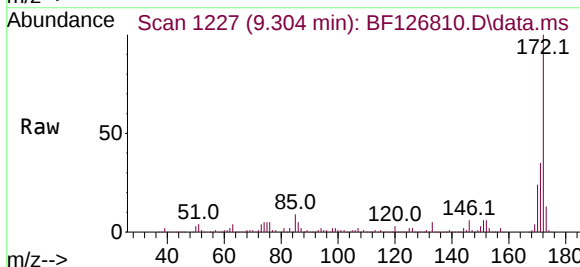
Tgt Ion:172 Resp: 1180672

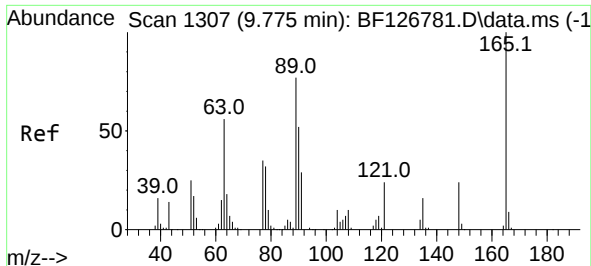
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.7 19.0 28.6

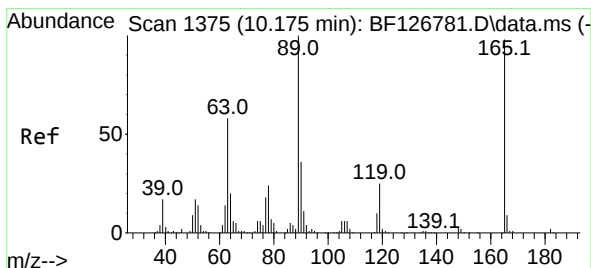
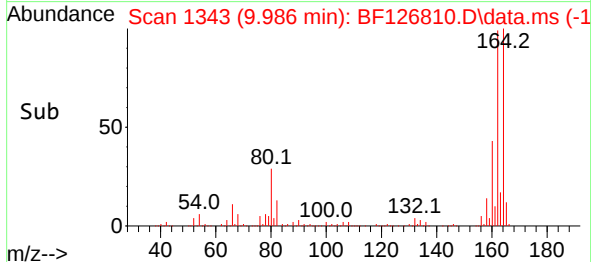
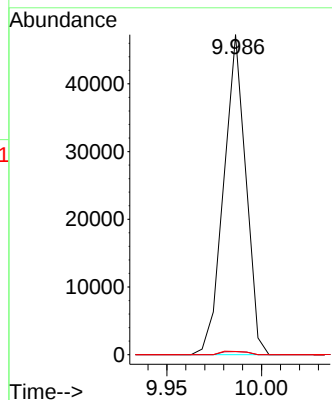
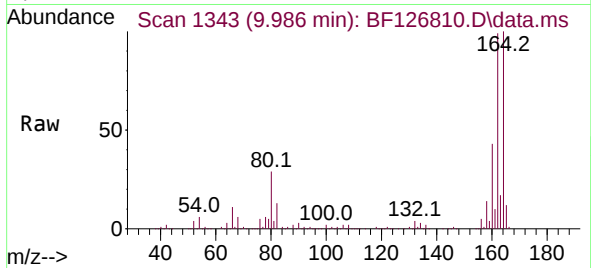




#51
2,6-Dinitrotoluene
Concen: 8.853 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126810.D
Acq: 04 Feb 2022 14:55

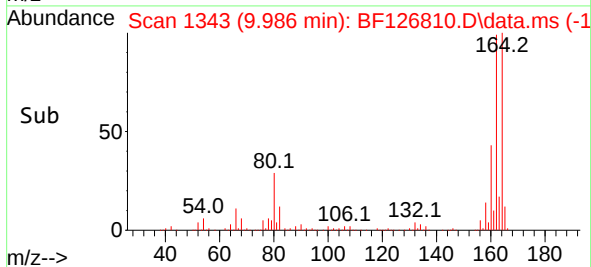
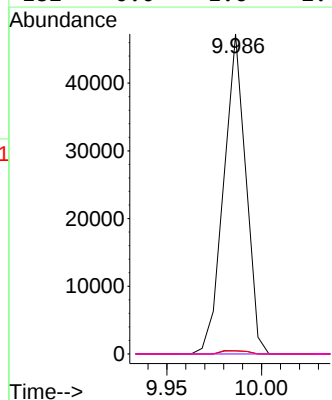
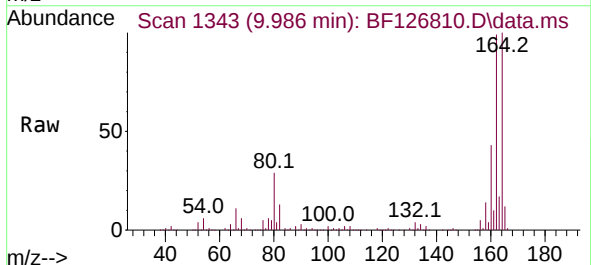
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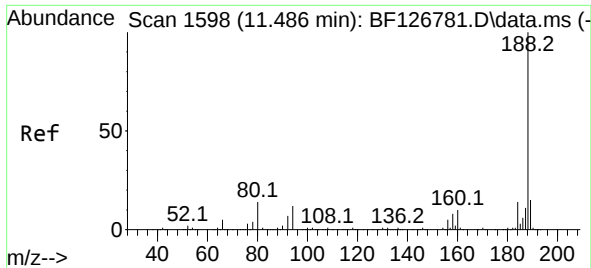
Tgt Ion:165 Resp: 38383
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.532 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.188 min
Lab File: BF126810.D
Acq: 04 Feb 2022 14:55

Tgt Ion:165 Resp: 38383
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.0 71.0 106.4#
182 0.0 1.6 2.4#

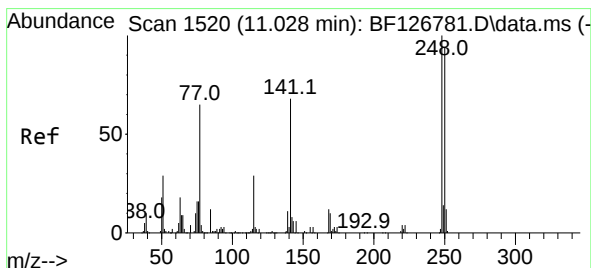
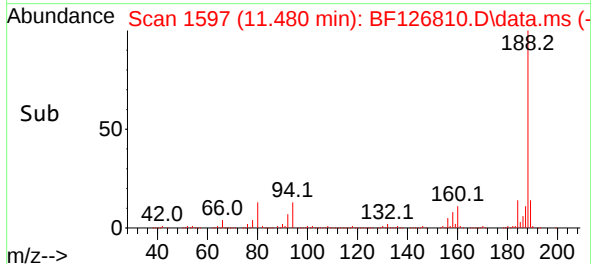
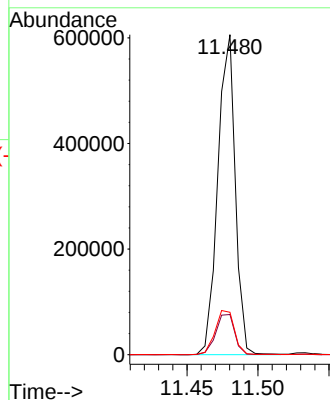
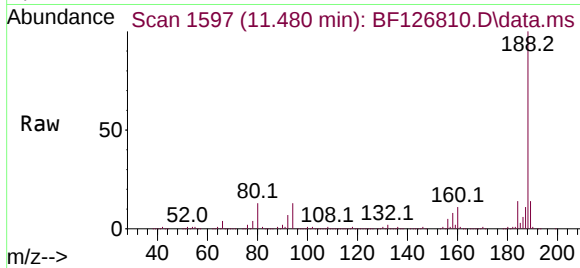




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126810.D
Acq: 04 Feb 2022 14:55

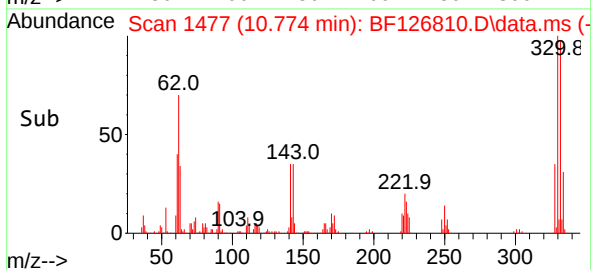
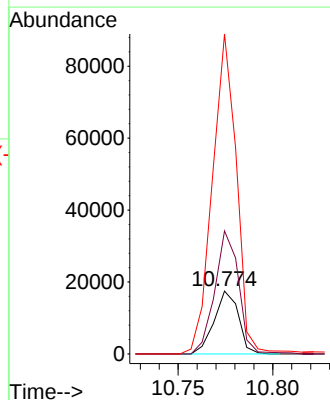
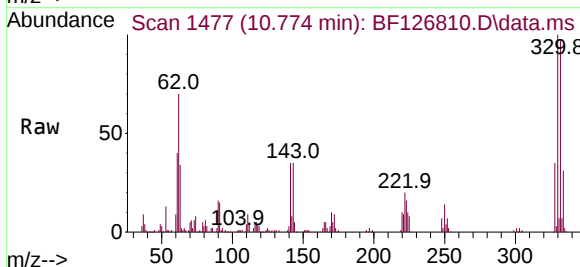
Instrument :
BNA_F
ClientSampleId :
DB-05(33-35)-02-01-22

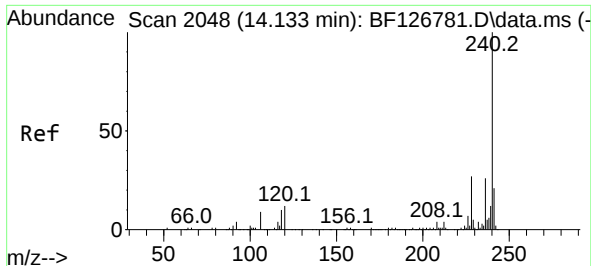
Tgt Ion:188 Resp: 517301
Ion Ratio Lower Upper
188 100
94 12.6 10.1 15.1
80 13.2 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 2.637 ng
RT: 10.774 min Scan# 1477
Delta R.T. -0.253 min
Lab File: BF126810.D
Acq: 04 Feb 2022 14:55

Tgt Ion:248 Resp: 15612
Ion Ratio Lower Upper
248 100
250 195.8 76.2 114.4#
141 509.2 66.2 99.4#

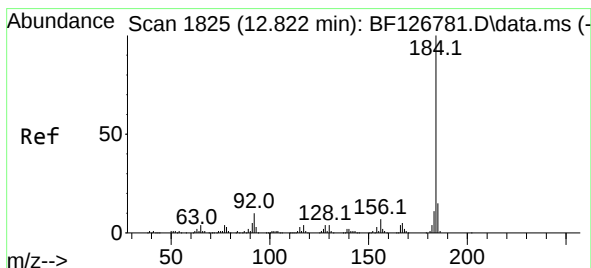
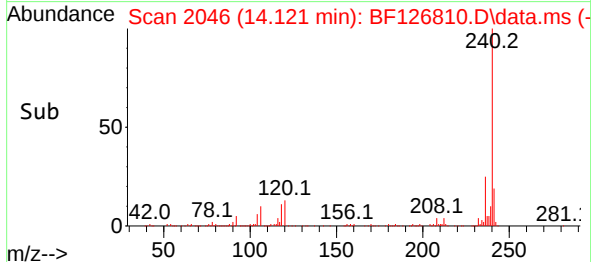
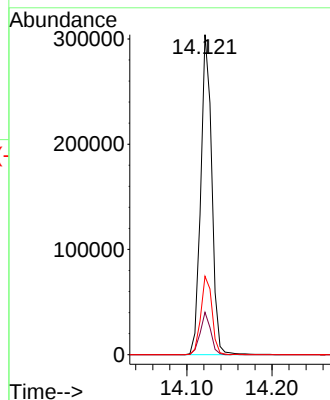
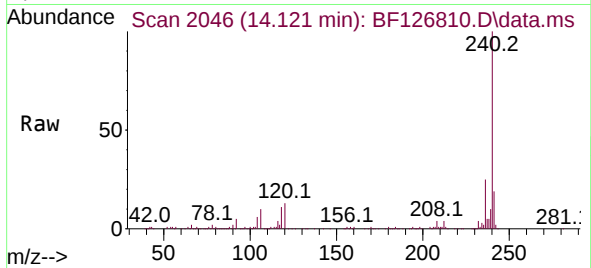




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF126810.D
Acq: 04 Feb 2022 14:55

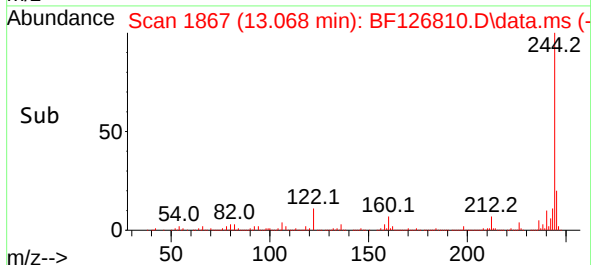
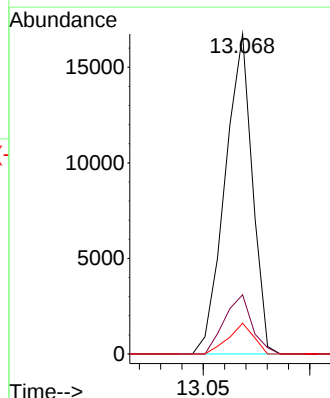
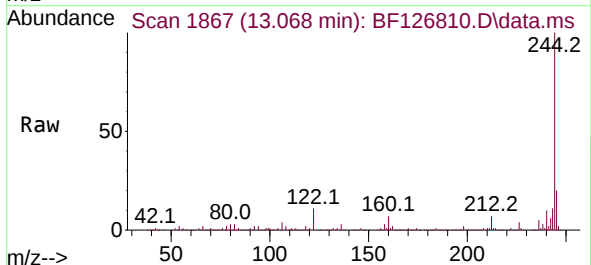
Instrument :
BNA_F
ClientSampleId :
DB-05(33-35)-02-01-22

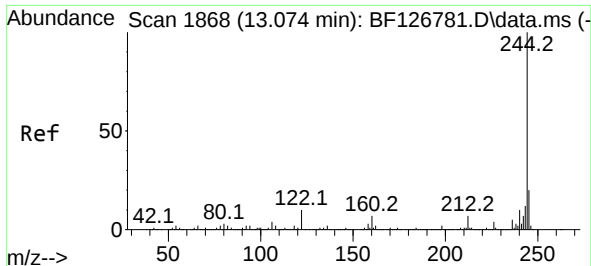
Tgt Ion:240 Resp: 273017
Ion Ratio Lower Upper
240 100
120 13.3 14.4 21.6#
236 24.5 20.5 30.7



#77
Benzidine
Concen: 2.375 ng
RT: 13.068 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF126810.D
Acq: 04 Feb 2022 14:55

Tgt Ion:184 Resp: 14875
Ion Ratio Lower Upper
184 100
185 18.5 11.8 17.8#
183 9.6 8.2 12.2

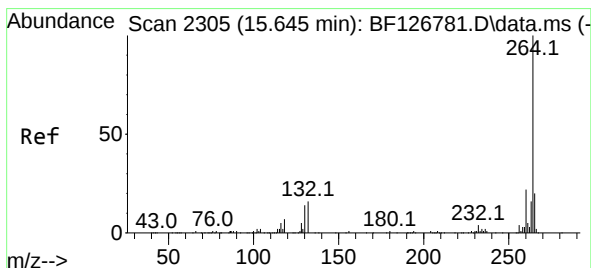
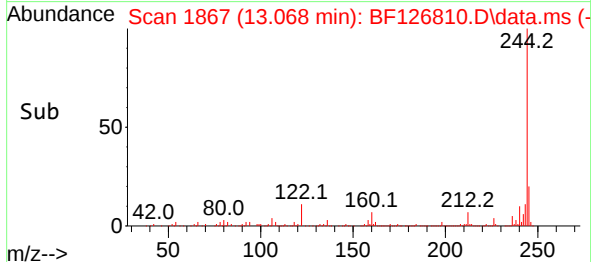
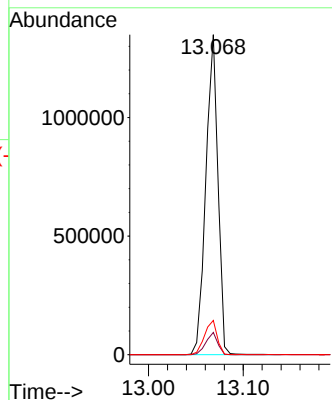
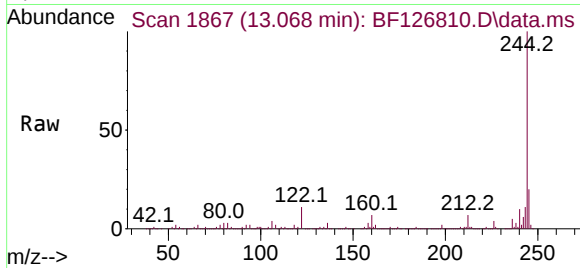




#79
 Terphenyl-d14
 Concen: 73.276 ng
 RT: 13.068 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126810.D
 Acq: 04 Feb 2022 14:55

Instrument :
 BNA_F
 ClientSampleId :
 DB-05(33-35)-02-01-22

Tgt Ion:244 Resp: 1195912
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 10.7 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF126810.D
 Acq: 04 Feb 2022 14:55

Tgt Ion:264 Resp: 266214
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.7 17.4 26.2

