

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
 Data File : BF126273.D
 Acq On : 20 Dec 2021 12:29
 Operator : JU/CG
 Sample : M5146-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-8-121721

Quant Time: Dec 20 14:10:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

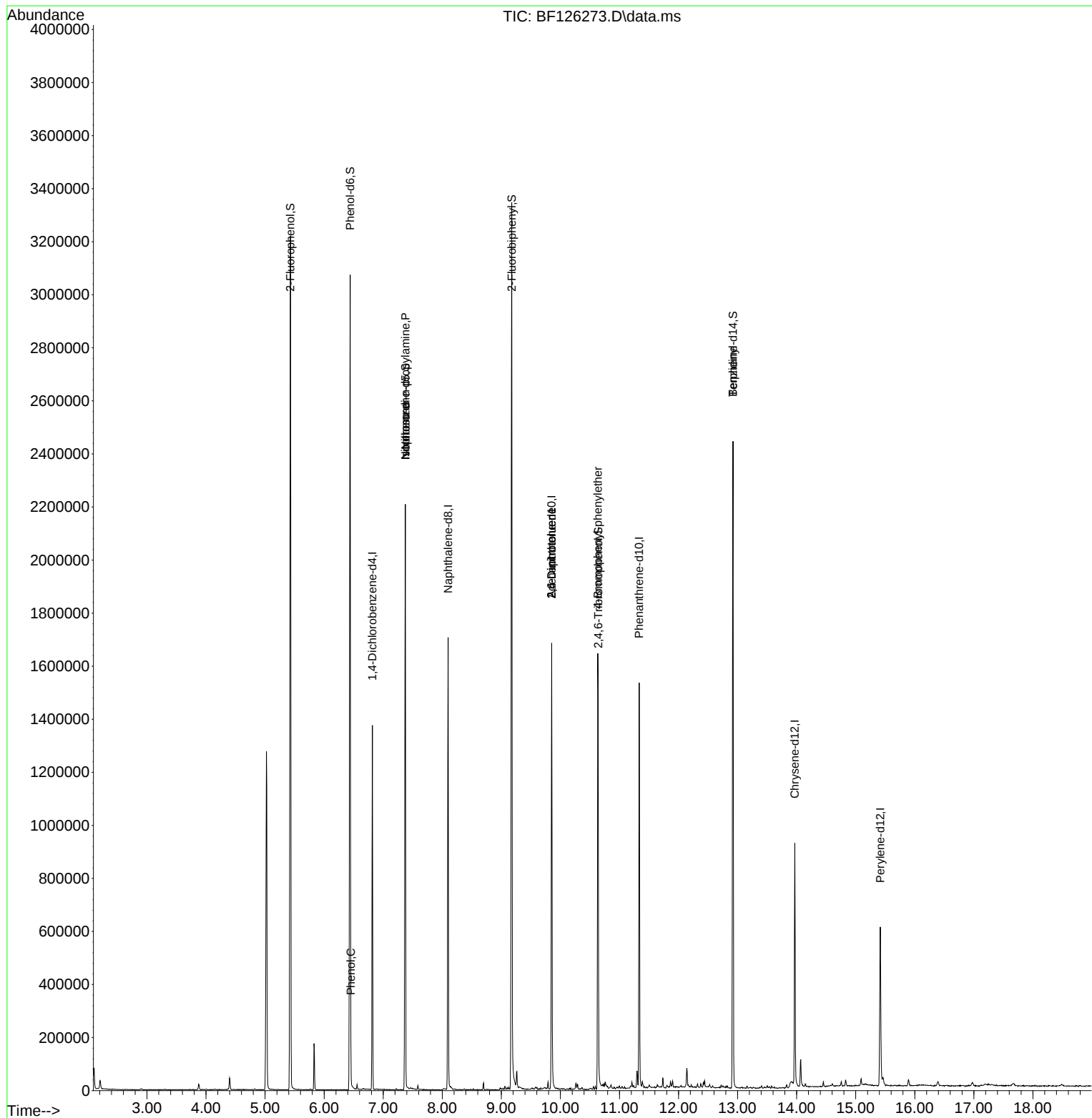
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	176342	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	741663	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	353693	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	511517	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	296578	20.000	ng	# 0.00
86) Perylene-d12	15.416	264	266089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	923498	77.122	ng	0.00
7) Phenol-d6	6.440	99	1135881	74.707	ng	0.00
23) Nitrobenzene-d5	7.375	82	735652	53.720	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	205186	72.187	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1085975	53.851	ng	0.00
79) Terphenyl-d14	12.922	244	776759	45.523	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.451	94	34203	2.004	ng	87
19) n-Nitroso-di-n-propyla...	7.375	70	92240	9.882	ng	# 54
25) Isophorone	7.375	82	707874	27.373	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	44092	9.092	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	44093	7.128	ng	# 19
67) 4-Bromophenyl-phenylether	10.633	248	10748	2.239	ng	# 1
77) Benzidine	12.922	184	9436	2.018	ng	96

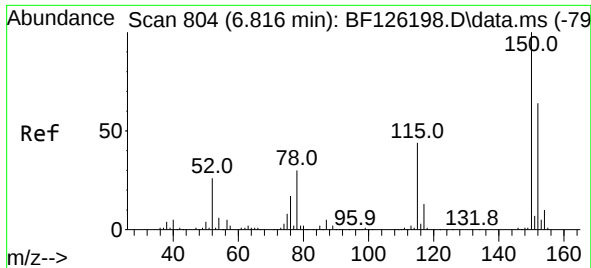
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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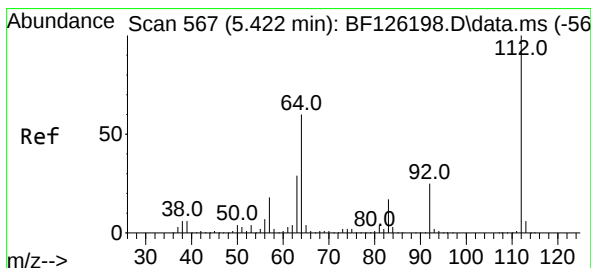
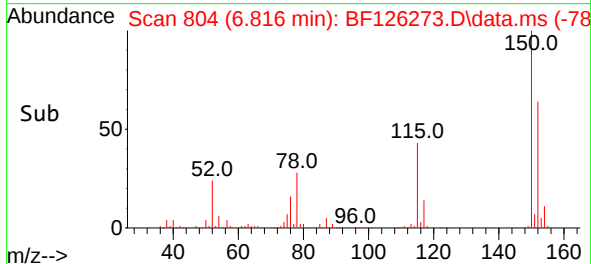
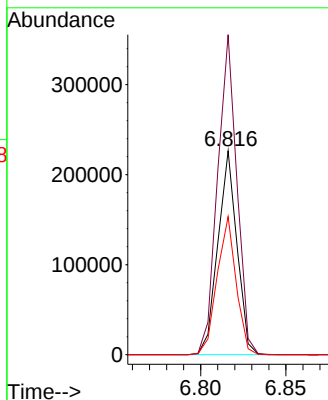
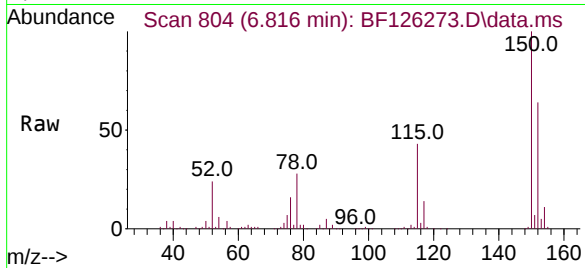




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. 0.000 min
 Lab File: BF126273.D
 Acq: 20 Dec 2021 12:29

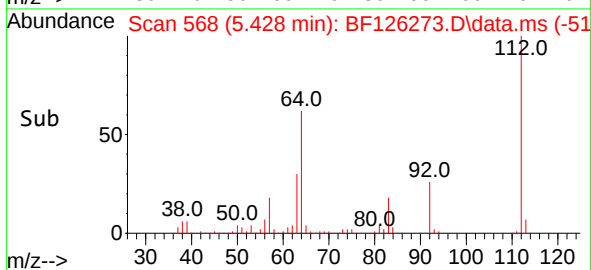
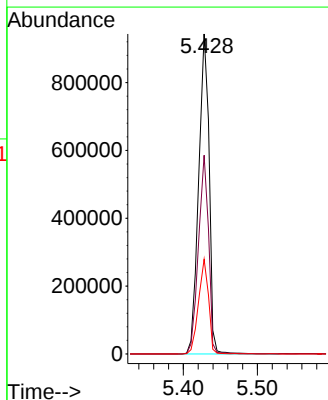
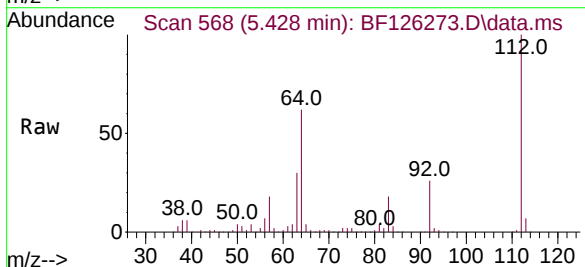
Instrument :
 BNA_F
 ClientSampleId :
 NB-8-121721

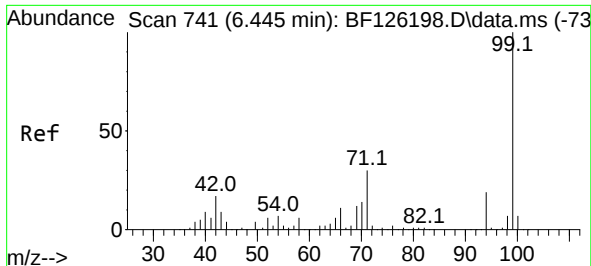
Tgt Ion:152 Resp: 176342
 Ion Ratio Lower Upper
 152 100
 150 156.9 117.6 176.4
 115 67.7 47.1 70.7



#5
 2-Fluorophenol
 Concen: 77.122 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF126273.D
 Acq: 20 Dec 2021 12:29

Tgt Ion:112 Resp: 923498
 Ion Ratio Lower Upper
 112 100
 64 62.1 44.2 66.2
 63 29.6 26.2 39.2

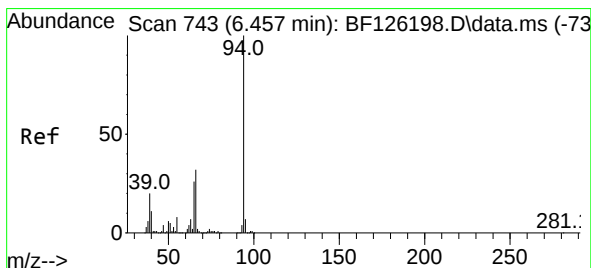
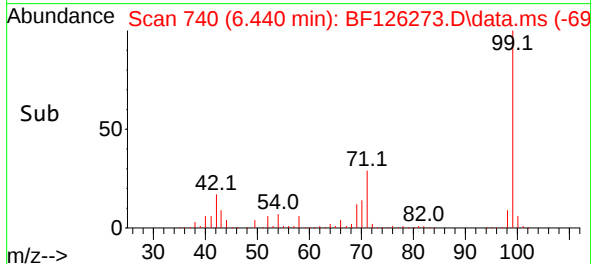
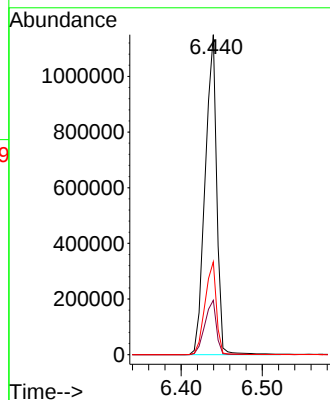
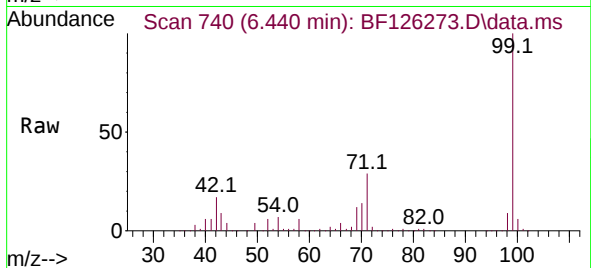




#7
Phenol-d6
Concen: 74.707 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126273.D
Acq: 20 Dec 2021 12:29

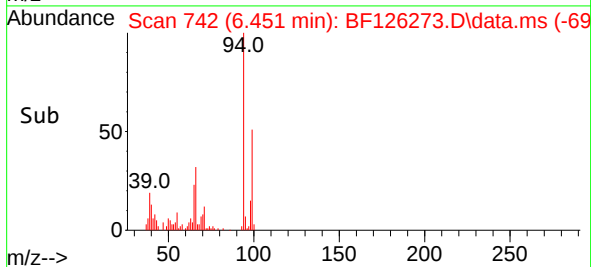
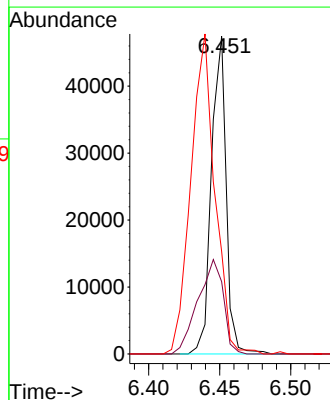
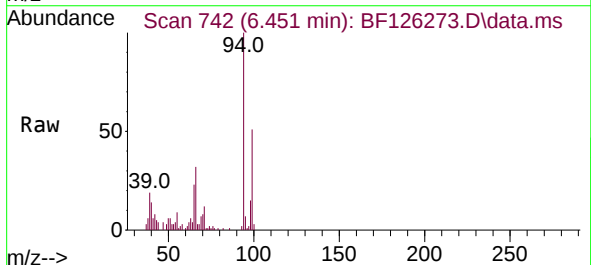
Instrument :
BNA_F
ClientSampleId :
NB-8-121721

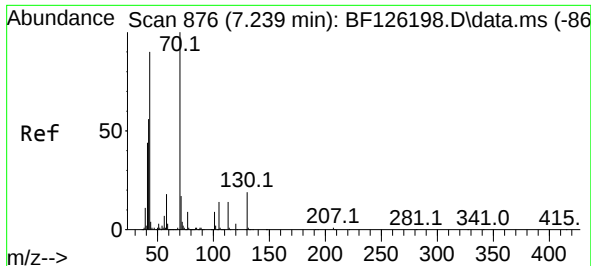
Tgt Ion: 99 Resp: 1135881
Ion Ratio Lower Upper
99 100
42 17.0 23.5 35.3#
71 29.0 25.6 38.4



#10
Phenol
Concen: 2.004 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF126273.D
Acq: 20 Dec 2021 12:29

Tgt Ion: 94 Resp: 34203
Ion Ratio Lower Upper
94 100
65 22.8 9.3 49.3
66 32.3 20.3 60.3

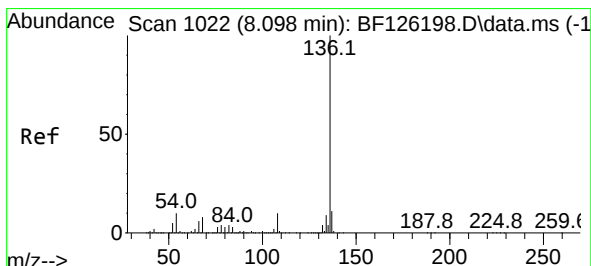
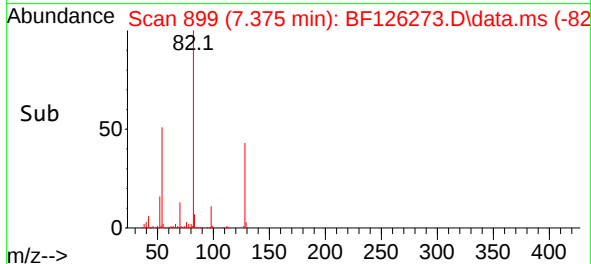
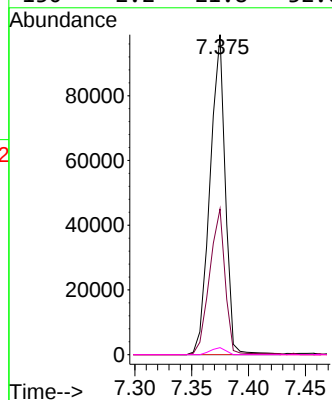
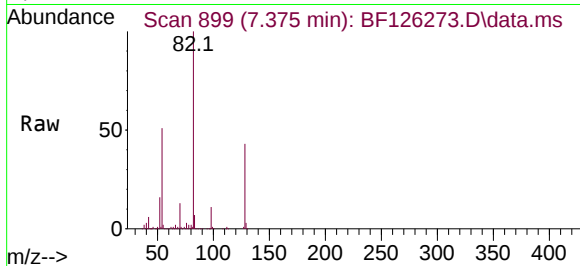




#19
n-Nitroso-di-n-propylamine
Concen: 9.882 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.136 min
Lab File: BF126273.D
Acq: 20 Dec 2021 12:29

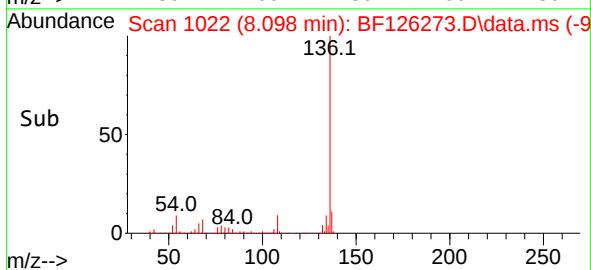
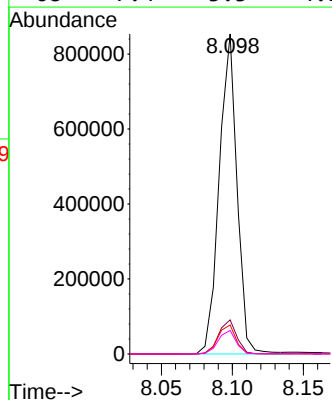
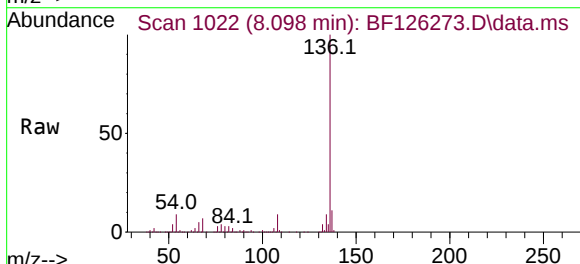
Instrument :
BNA_F
ClientSampleId :
NB-8-121721

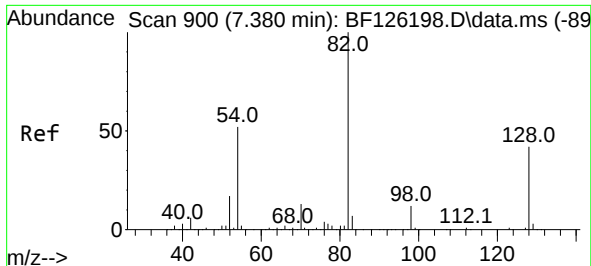
Tgt Ion: 70	Resp: 92240
Ion Ratio	Lower Upper
70	100
42	45.6 72.2 108.2#
101	0.0 7.8 11.8#
130	2.2 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126273.D
Acq: 20 Dec 2021 12:29

Tgt Ion: 136	Resp: 741663
Ion Ratio	Lower Upper
136	100
137	10.7 9.8 14.6
54	9.0 6.4 9.6
68	7.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 53.720 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126273.D

Acq: 20 Dec 2021 12:29

Instrument :

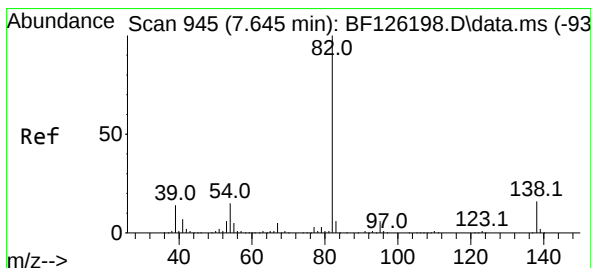
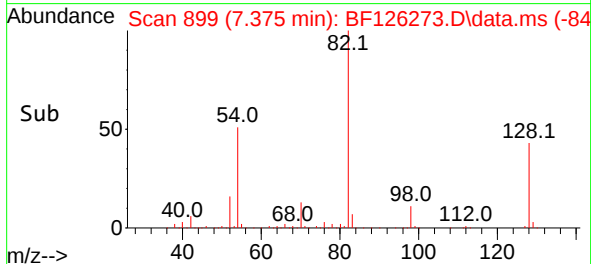
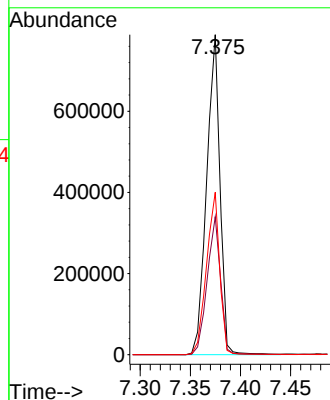
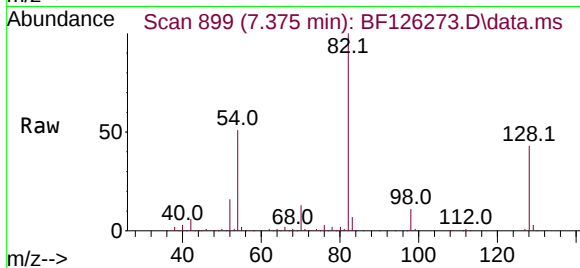
BNA_F

ClientSampleId :

NB-8-121721

Tgt Ion: 82 Resp: 735652

Ion	Ratio	Lower	Upper
82	100		
128	43.1	40.6	60.8
54	50.8	49.6	74.4



#25

Isophorone

Concen: 27.373 ng

RT: 7.375 min Scan# 899

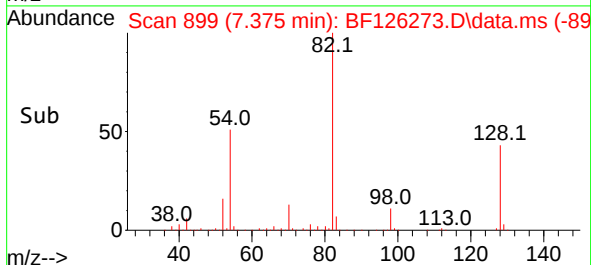
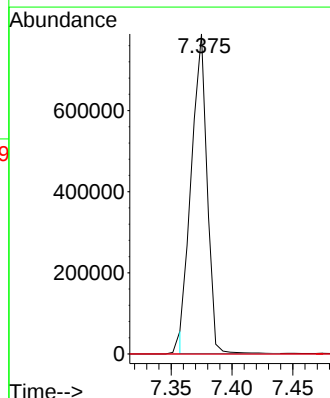
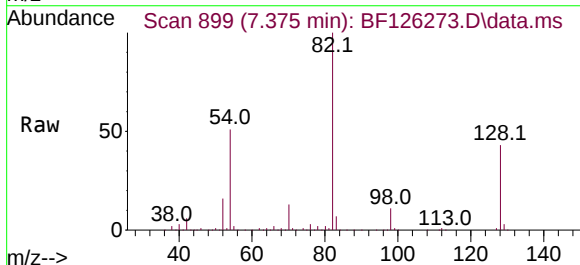
Delta R.T. -0.270 min

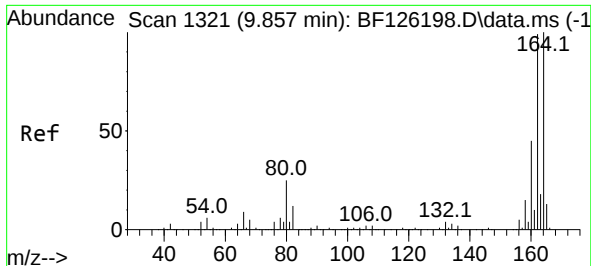
Lab File: BF126273.D

Acq: 20 Dec 2021 12:29

Tgt Ion: 82 Resp: 707874

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: 9.851 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126273.D

Acq: 20 Dec 2021 12:29

Instrument :

BNA_F

ClientSampleId :

NB-8-121721

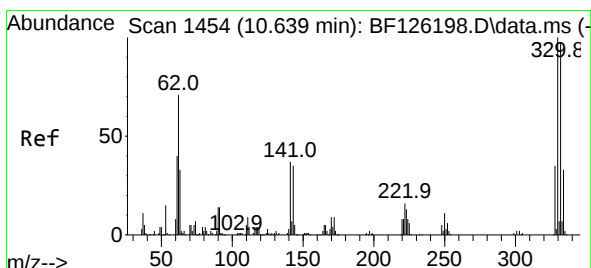
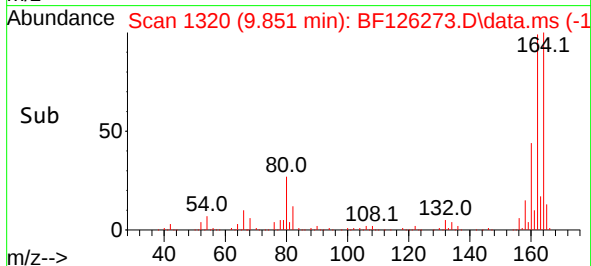
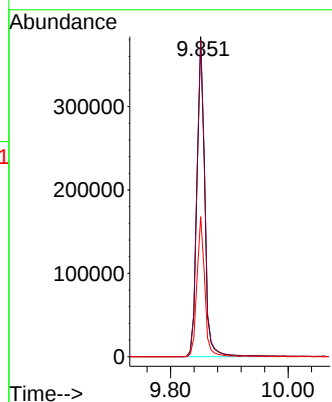
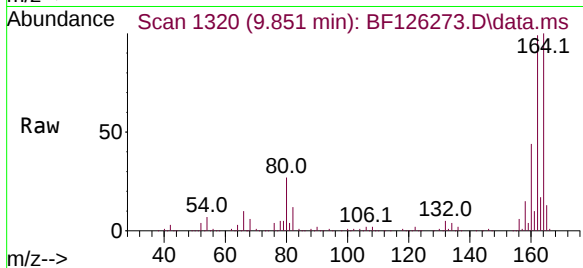
Tgt Ion:164 Resp: 353693

Ion Ratio Lower Upper

164 100

162 98.8 81.3 121.9

160 43.7 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 72.187 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF126273.D

Acq: 20 Dec 2021 12:29

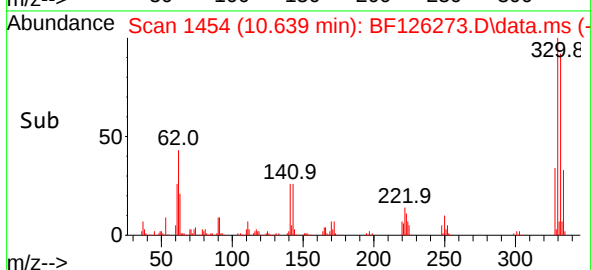
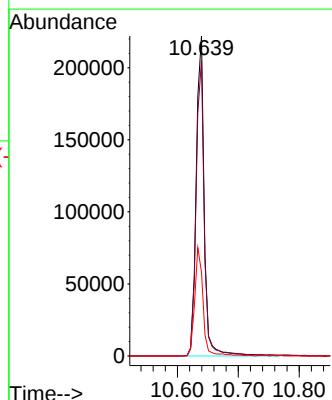
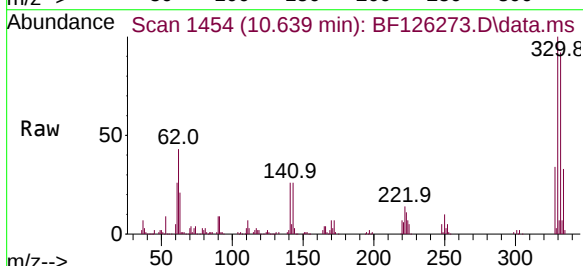
Tgt Ion:330 Resp: 205186

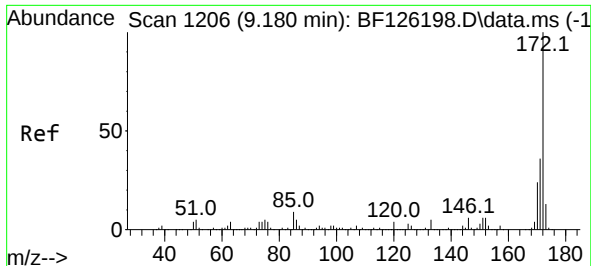
Ion Ratio Lower Upper

330 100

332 93.3 76.2 114.4

141 34.7 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 53.851 ng

RT: 9.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126273.D

Acq: 20 Dec 2021 12:29

Instrument :

BNA_F

ClientSampleId :

NB-8-121721

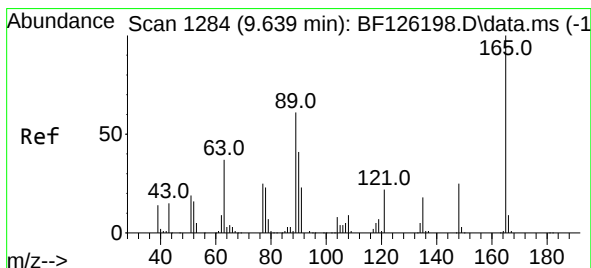
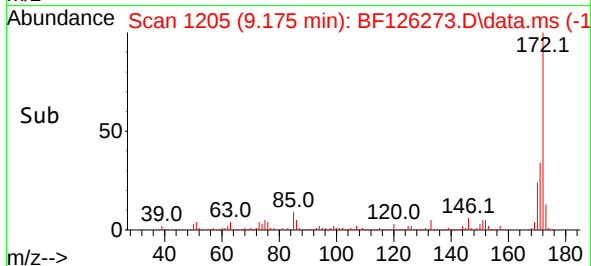
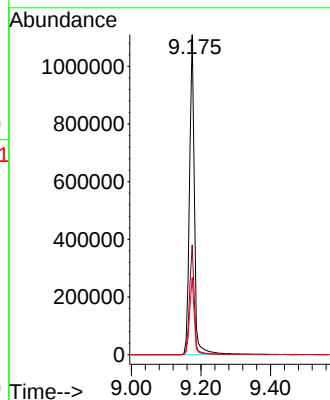
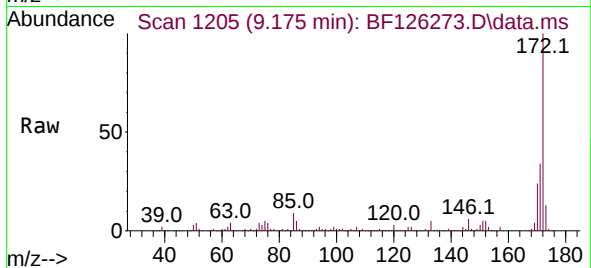
Tgt Ion:172 Resp: 1085975

Ion Ratio Lower Upper

172 100

171 34.3 26.5 39.7

170 24.1 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 9.092 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF126273.D

Acq: 20 Dec 2021 12:29

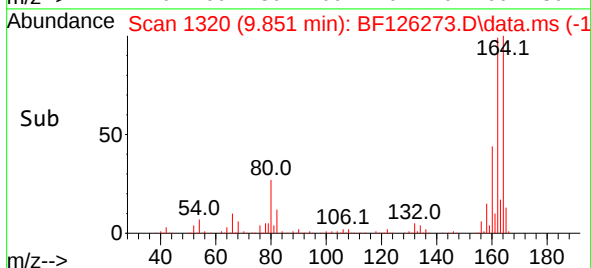
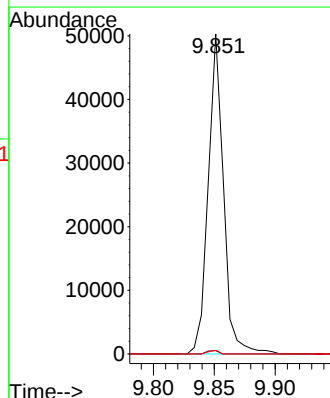
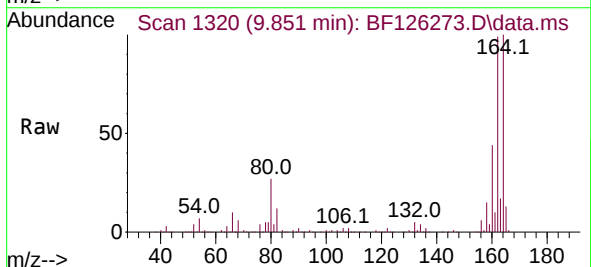
Tgt Ion:165 Resp: 44092

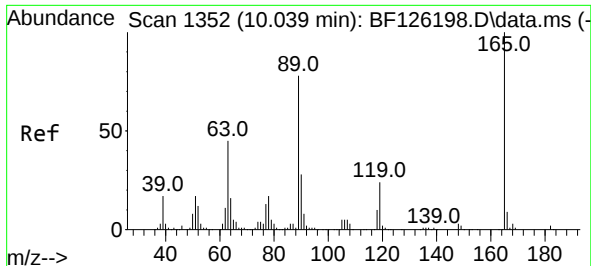
Ion Ratio Lower Upper

165 100

63 1.0 42.6 63.8#

89 1.1 40.6 60.8#

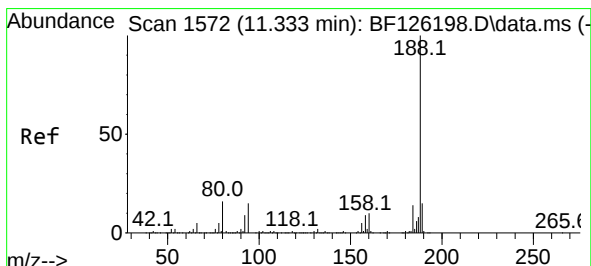
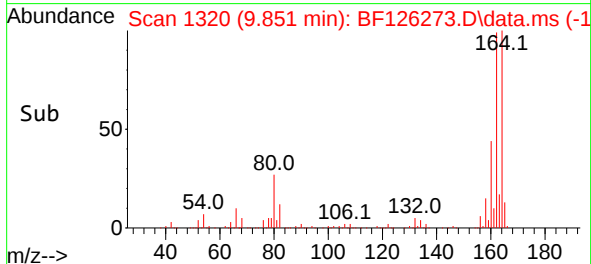
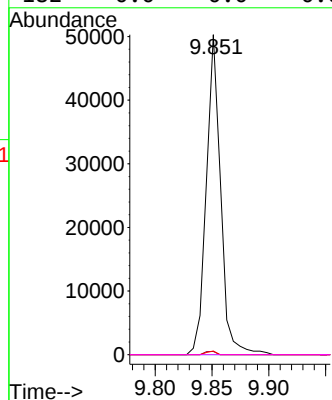
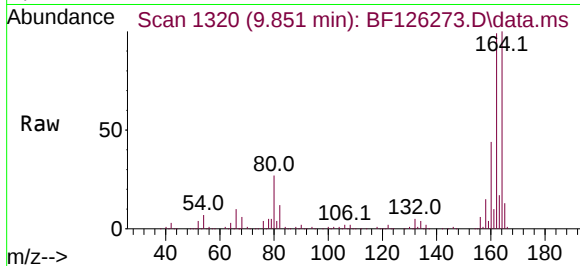




#57
2,4-Dinitrotoluene
Concen: 7.128 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126273.D
Acq: 20 Dec 2021 12:29

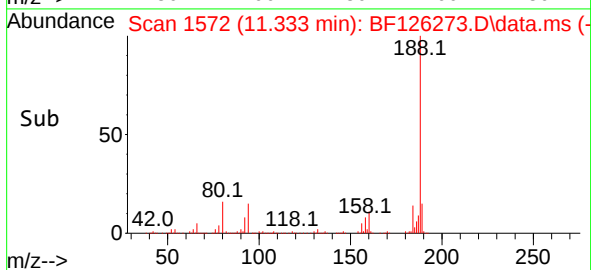
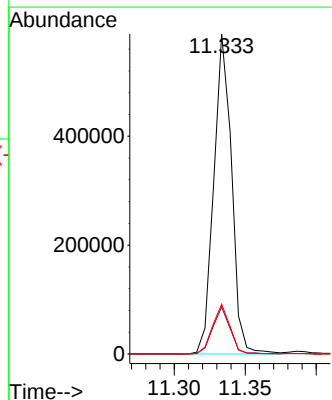
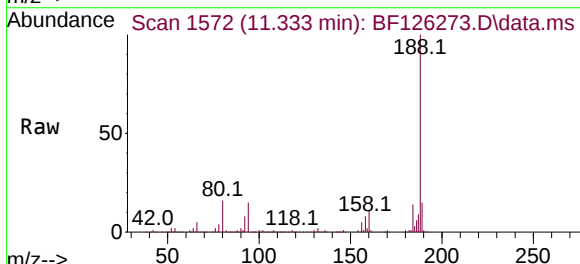
Instrument :
BNA_F
ClientSampleId :
NB-8-121721

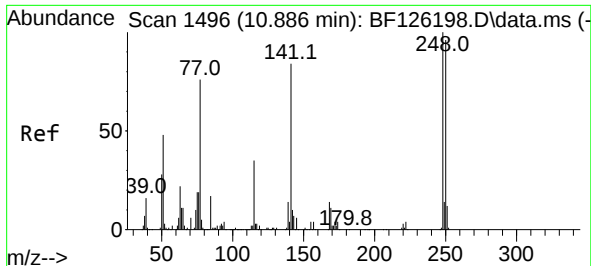
Tgt Ion:165	Resp:	44093
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	1.1	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126273.D
Acq: 20 Dec 2021 12:29

Tgt Ion:188	Resp:	511517
Ion Ratio	Lower	Upper
188	100	
94	14.7	6.7 10.1#
80	15.5	7.5 11.3#

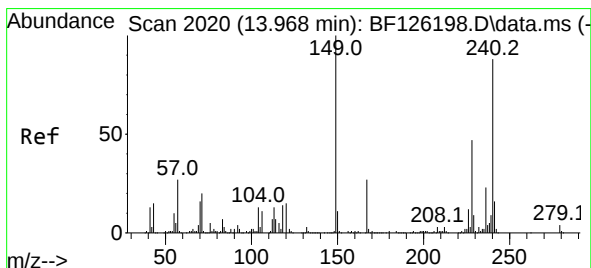
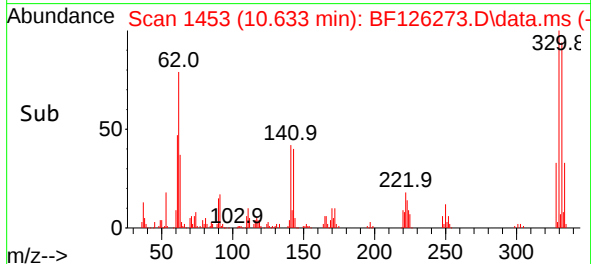
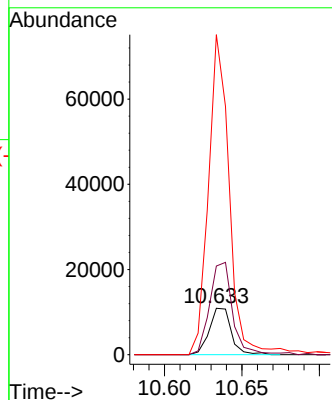
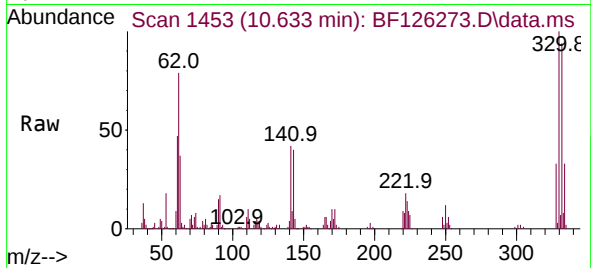




#67
4-Bromophenyl-phenylether
Concen: 2.239 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF126273.D
Acq: 20 Dec 2021 12:29

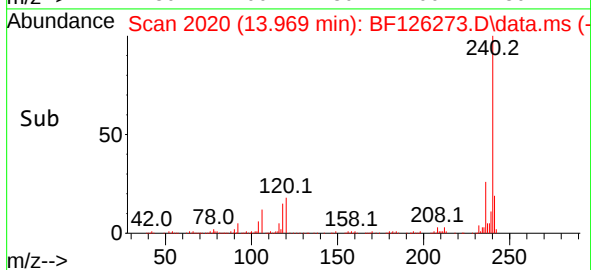
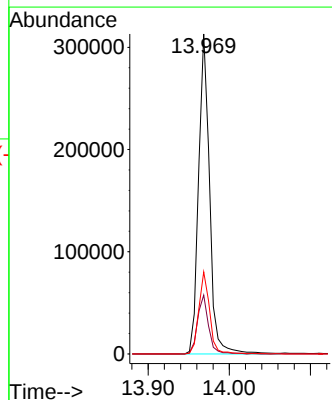
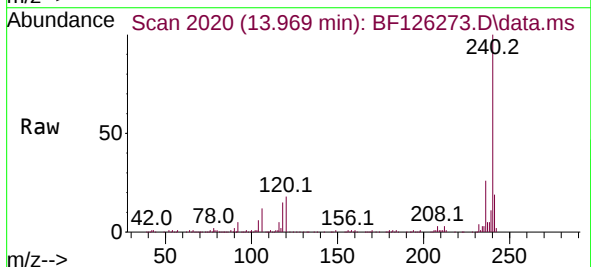
Instrument :
BNA_F
ClientSampleId :
NB-8-121721

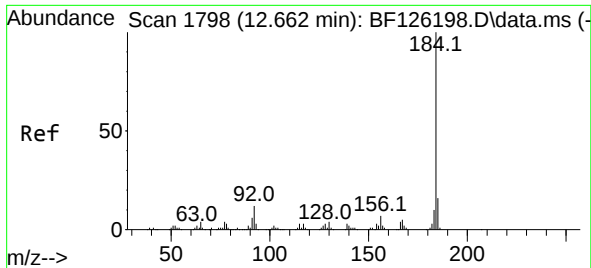
Tgt Ion:248 Resp: 10748
Ion Ratio Lower Upper
248 100
250 190.7 74.2 111.4#
141 688.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF126273.D
Acq: 20 Dec 2021 12:29

Tgt Ion:240 Resp: 296578
Ion Ratio Lower Upper
240 100
120 18.4 10.8 16.2#
236 25.7 21.6 32.4

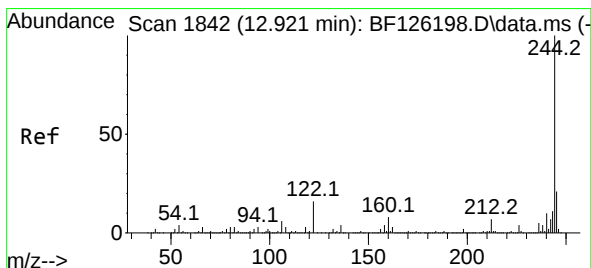
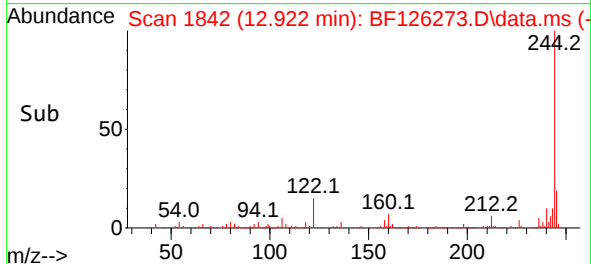
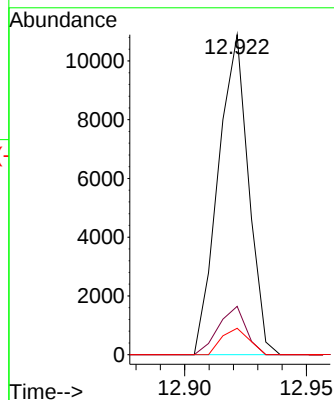
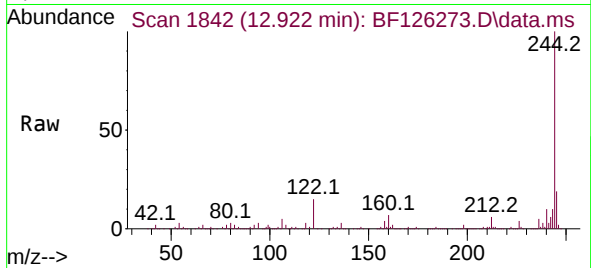




#77
Benzidine
Concen: 2.018 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.259 min
Lab File: BF126273.D
Acq: 20 Dec 2021 12:29

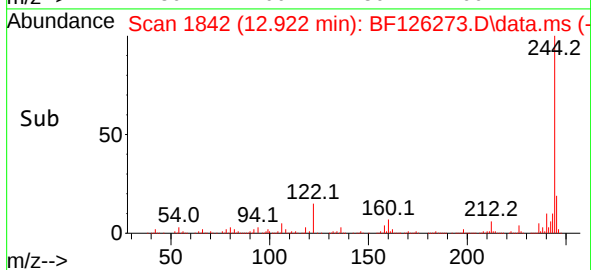
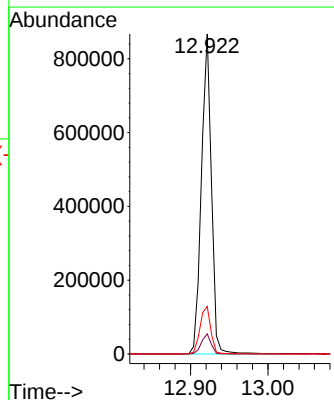
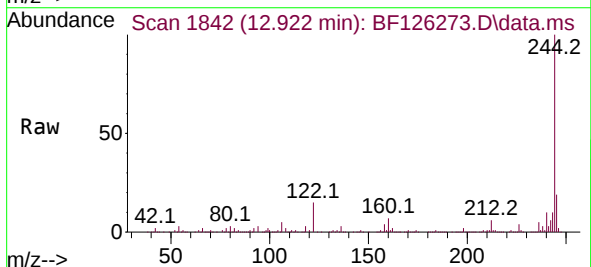
Instrument :
BNA_F
ClientSampleId :
NB-8-121721

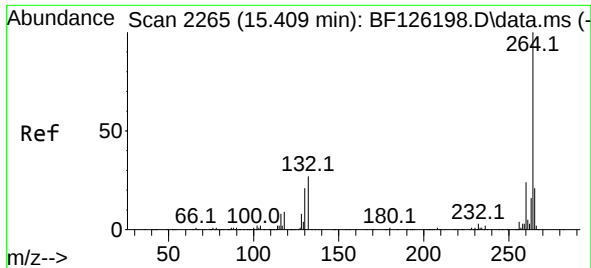
Tgt Ion:184 Resp: 9436
Ion Ratio Lower Upper
184 100
185 15.1 10.8 16.2
183 8.2 8.1 12.1



#79
Terphenyl-d14
Concen: 45.523 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF126273.D
Acq: 20 Dec 2021 12:29

Tgt Ion:244 Resp: 776759
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 14.9 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126273.D
 Acq: 20 Dec 2021 12:29

Instrument :
 BNA_F
 ClientSampleId :
 NB-8-121721

Tgt Ion:264 Resp: 266089
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 22.0 17.2 25.8

