

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126250.D
 Acq On : 18 Dec 2021 13:02
 Operator : JU/CG
 Sample : M5082-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

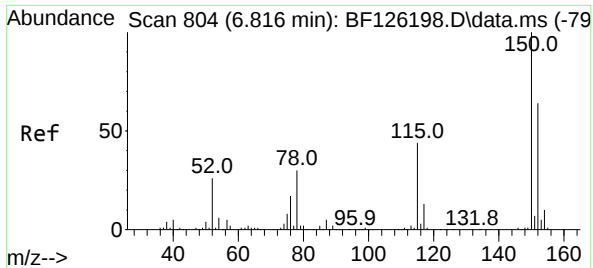
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 08:01:39 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)

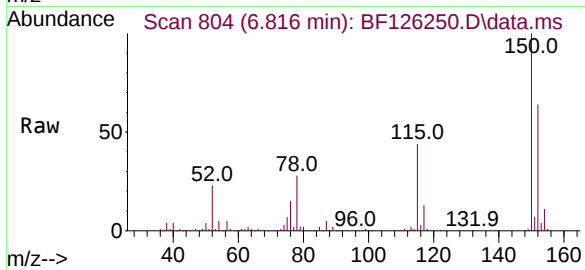
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	219092	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	940430	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	450535	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	751855	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	577685	20.000	ng	0.00
86) Perylene-d12	15.421	264	477856	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1514854	101.822	ng	0.01
7) Phenol-d6	6.445	99	1944733	102.948	ng	0.00
23) Nitrobenzene-d5	7.375	82	1279299	73.675	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	413091	114.091	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1678128	65.328	ng	0.00
79) Terphenyl-d14	12.927	244	1645038	49.495	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.451	94	43136	2.034	ng	97
19) n-Nitroso-di-n-propyla...	7.375	70	160372	13.829	ng	# 54
25) Isophorone	7.375	82	1222622	37.286	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	58690	9.501	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	58690	7.448	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	21367	3.028	ng	# 1
77) Benzidine	12.927	184	20821	2.286	ng	# 94

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

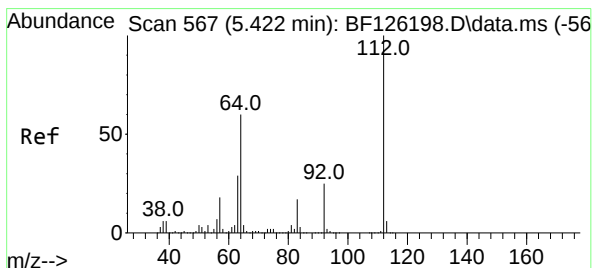
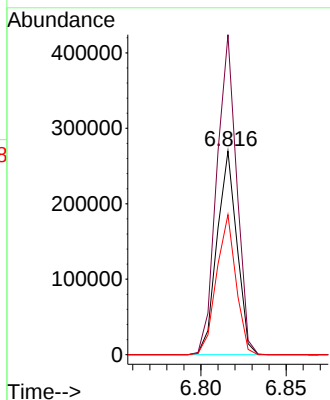
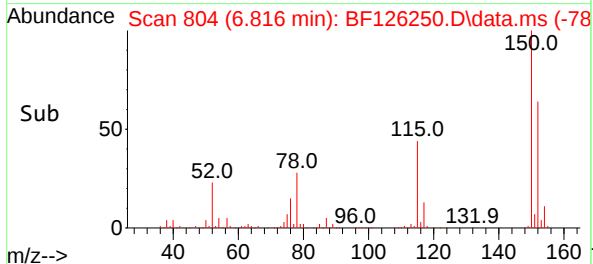


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126250.D
Acq: 18 Dec 2021 13:02

Instrument :
BNA_F
ClientSampleId :

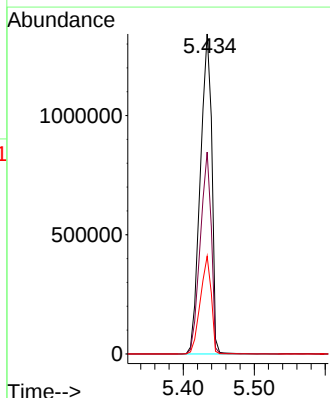
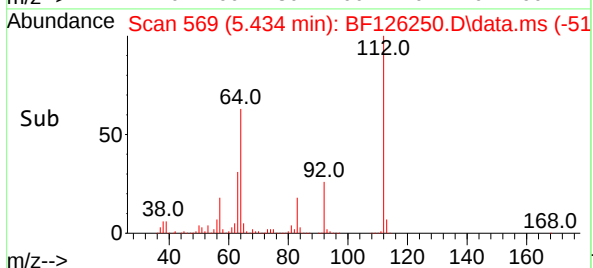
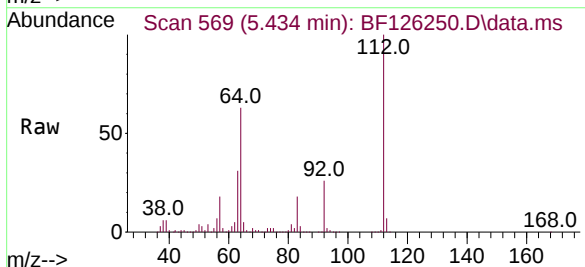


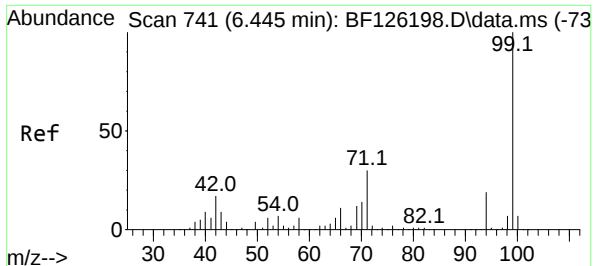
Tgt Ion:152 Resp: 219092
Ion Ratio Lower Upper
152 100
150 157.2 117.6 176.4
115 68.7 47.1 70.7



#5
2-Fluorophenol
Concen: 101.822 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126250.D
Acq: 18 Dec 2021 13:02

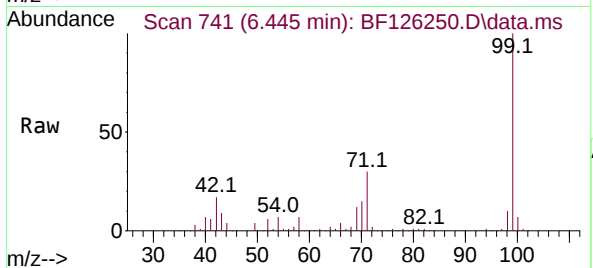
Tgt Ion:112 Resp: 1514854
Ion Ratio Lower Upper
112 100
64 63.1 44.2 66.2
63 30.5 26.2 39.2



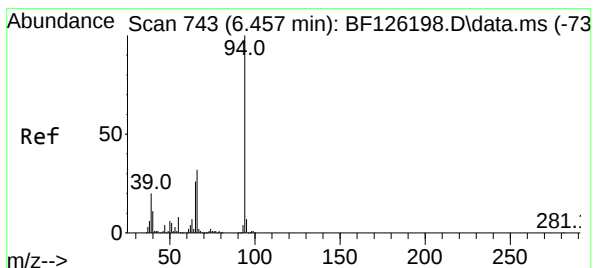
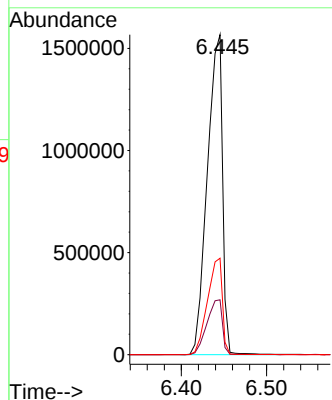
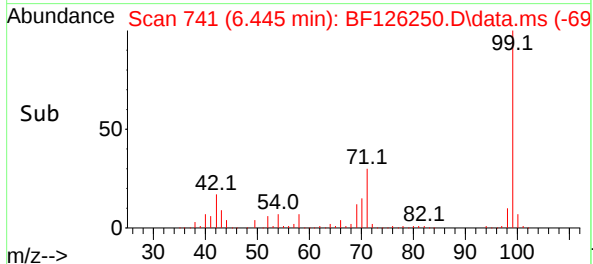


#7
Phenol-d6
Concen: 102.948 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126250.D
Acq: 18 Dec 2021 13:02

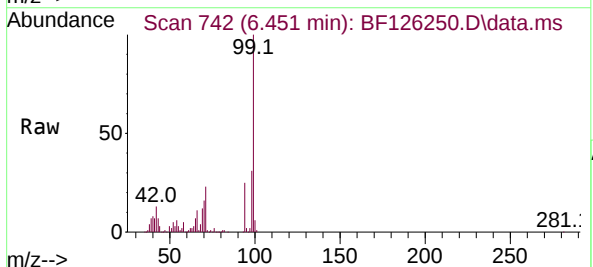
Instrument :
BNA_F
ClientSampleId :



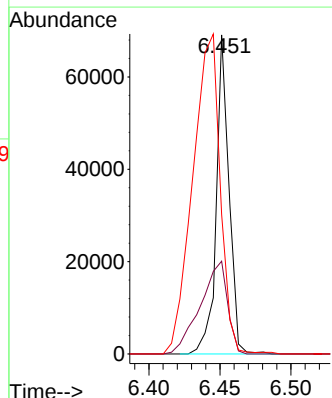
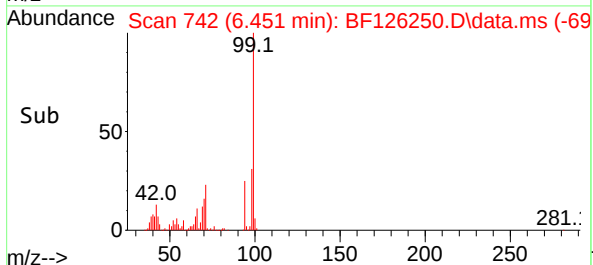
Tgt Ion: 99 Resp: 1944733
Ion Ratio Lower Upper
99 100
42 17.2 23.5 35.3#
71 30.2 25.6 38.4

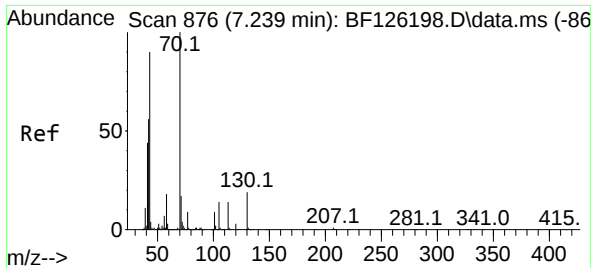


#10
Phenol
Concen: 2.034 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF126250.D
Acq: 18 Dec 2021 13:02



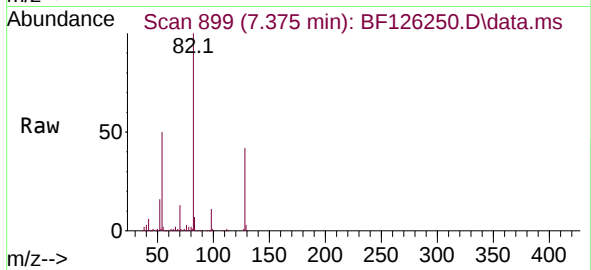
Tgt Ion: 94 Resp: 43136
Ion Ratio Lower Upper
94 100
65 29.1 9.3 49.3
66 43.7 20.3 60.3



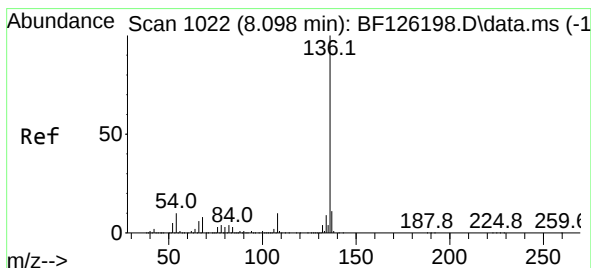
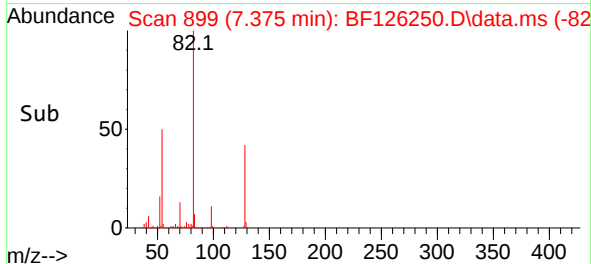
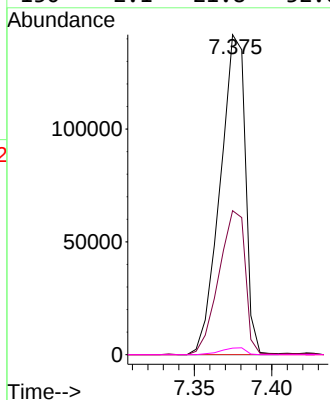


#19
n-Nitroso-di-n-propylamine
Concen: 13.829 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126250.D
Acq: 18 Dec 2021 13:02

Instrument :
BNA_F
ClientSampleId :

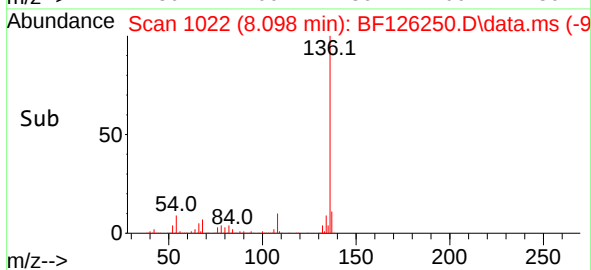
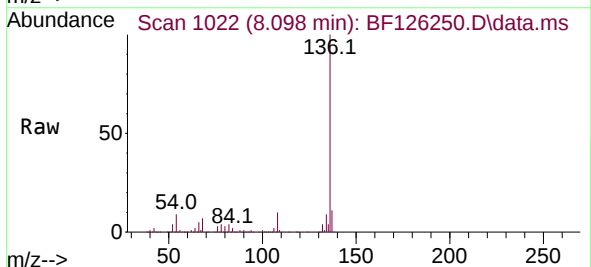
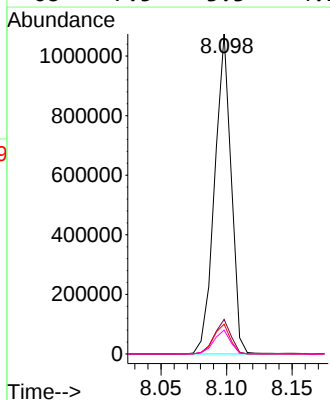


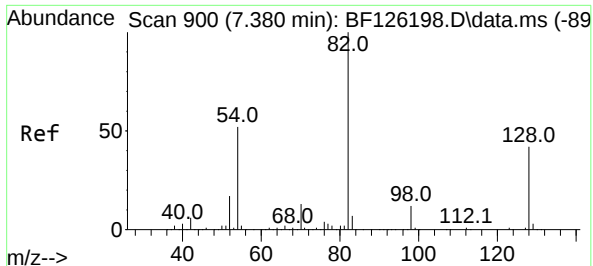
Tgt Ion: 70 Resp: 160372
Ion Ratio Lower Upper
70 100
42 45.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126250.D
Acq: 18 Dec 2021 13:02

Tgt Ion: 136 Resp: 940430
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.3 6.4 9.6
68 7.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 73.675 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126250.D

Acq: 18 Dec 2021 13:02

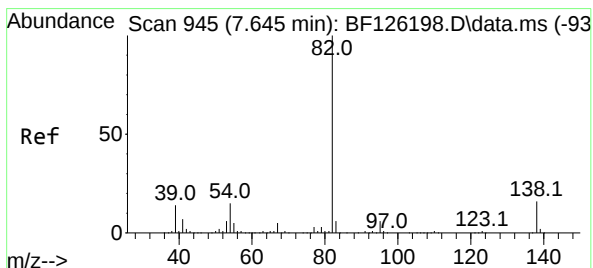
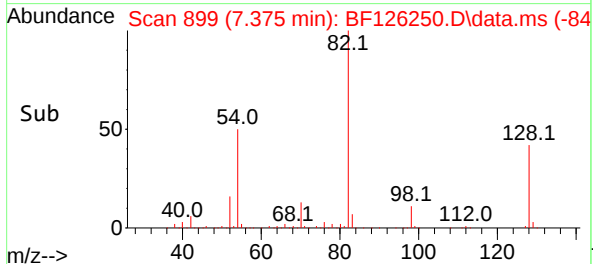
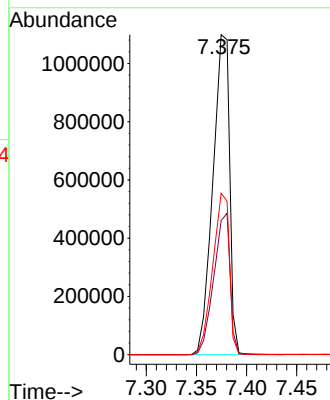
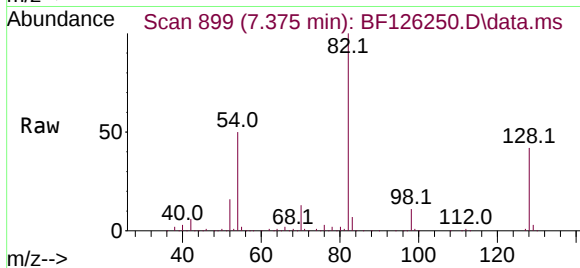
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1279299

Ion	Ratio	Lower	Upper
82	100		
128	41.9	40.6	60.8
54	50.4	49.6	74.4



#25

Isophorone

Concen: 37.286 ng

RT: 7.375 min Scan# 899

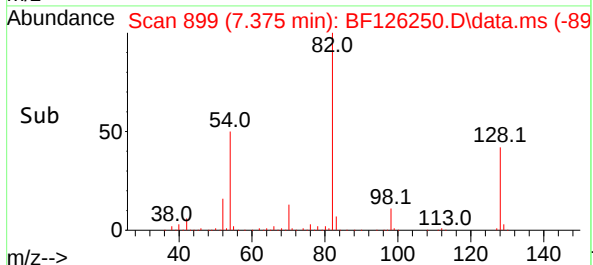
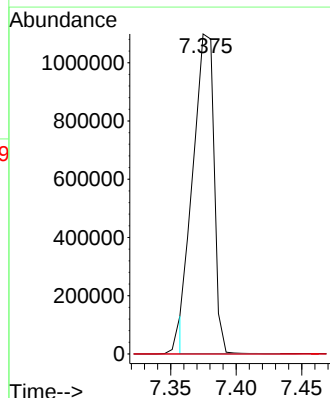
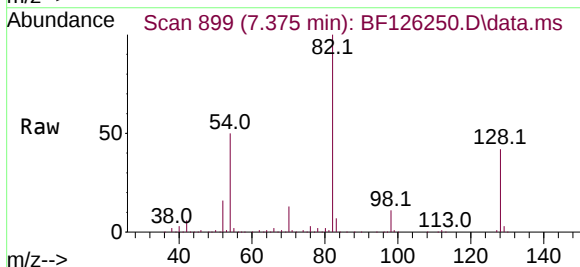
Delta R.T. -0.270 min

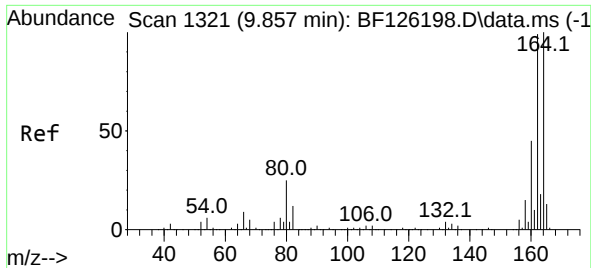
Lab File: BF126250.D

Acq: 18 Dec 2021 13:02

Tgt Ion: 82 Resp: 1222622

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: BF126250.D

Acq: 18 Dec 2021 13:02

Instrument :

BNA_F

ClientSampleId :

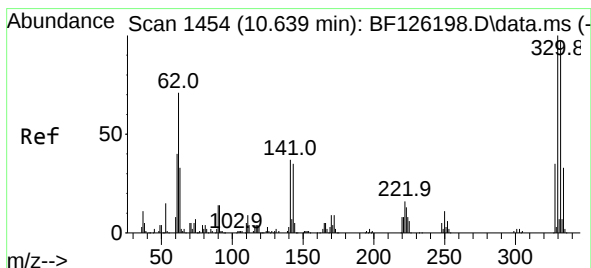
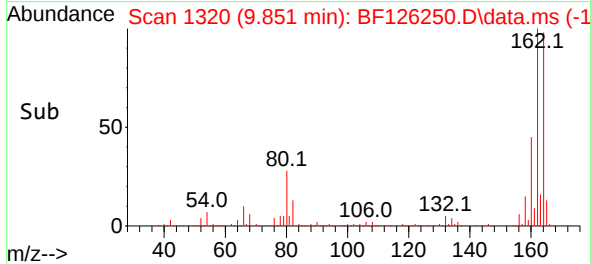
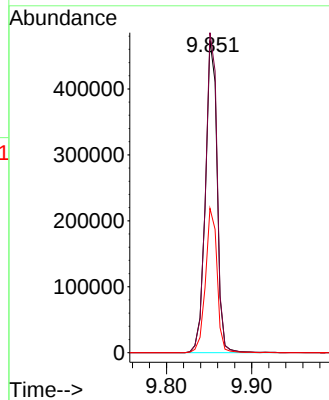
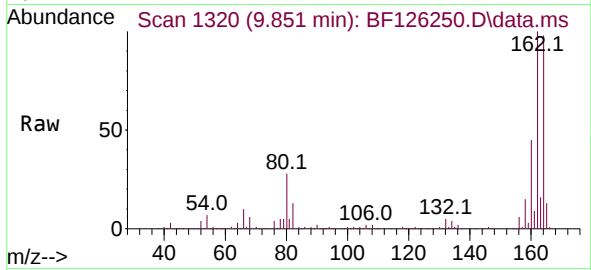
Tgt Ion:164 Resp: 450535

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 46.2 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 114.091 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.006 min

Lab File: BF126250.D

Acq: 18 Dec 2021 13:02

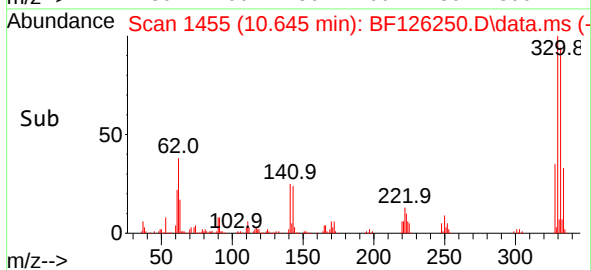
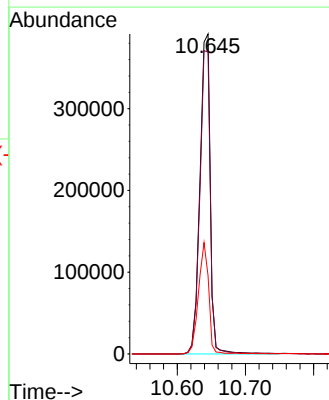
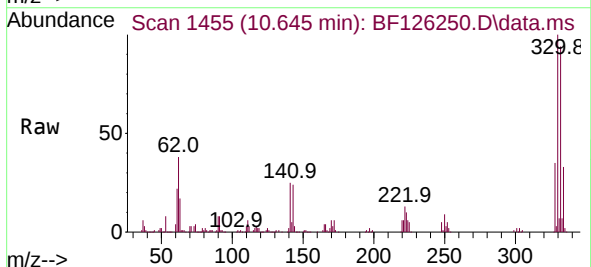
Tgt Ion:330 Resp: 413091

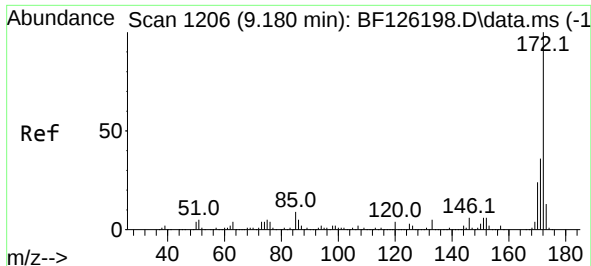
Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.4

141 34.0 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 65.328 ng

RT: 9.180 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126250.D

Acq: 18 Dec 2021 13:02

Instrument :

BNA_F

ClientSampleId :

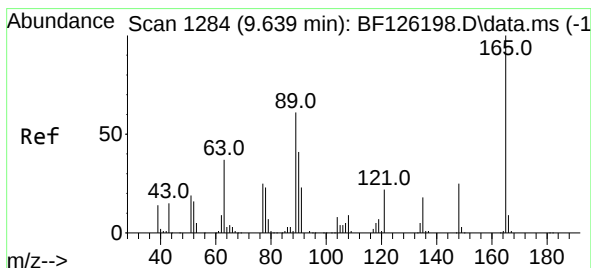
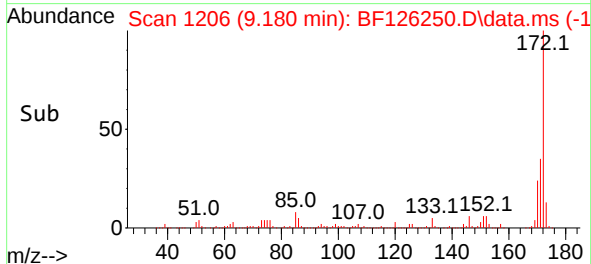
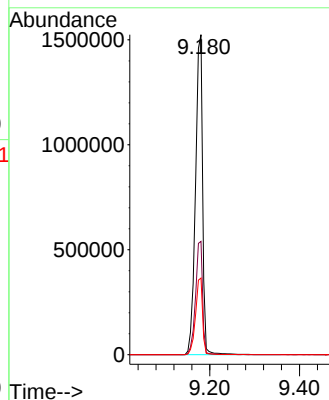
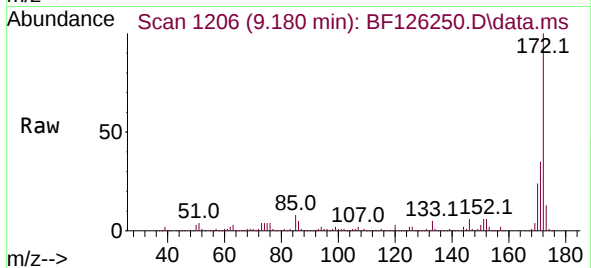
Tgt Ion:172 Resp: 1678128

Ion Ratio Lower Upper

172 100

171 35.4 26.5 39.7

170 24.0 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 9.501 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF126250.D

Acq: 18 Dec 2021 13:02

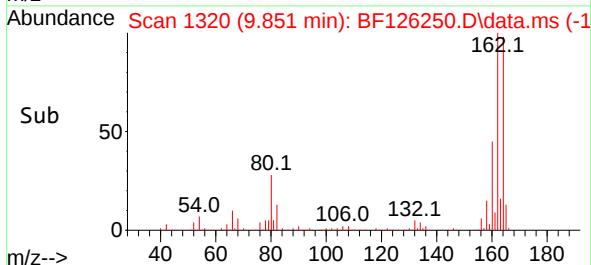
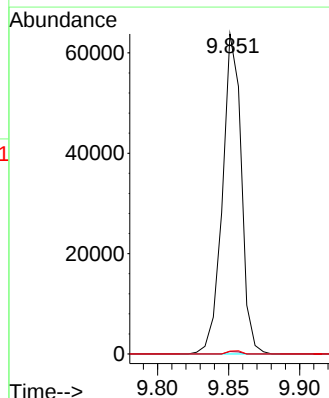
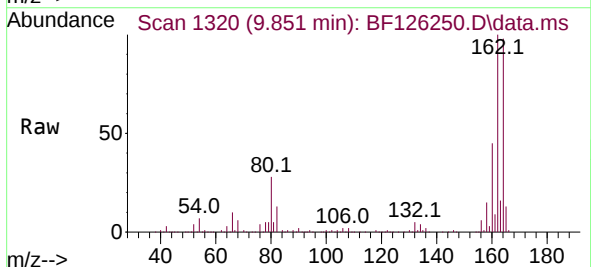
Tgt Ion:165 Resp: 58690

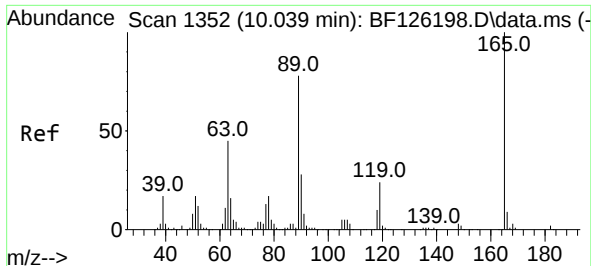
Ion Ratio Lower Upper

165 100

63 0.7 42.6 63.8#

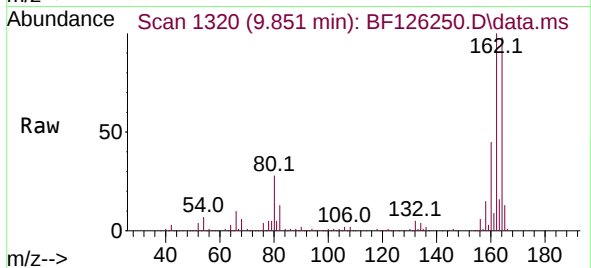
89 0.9 40.6 60.8#



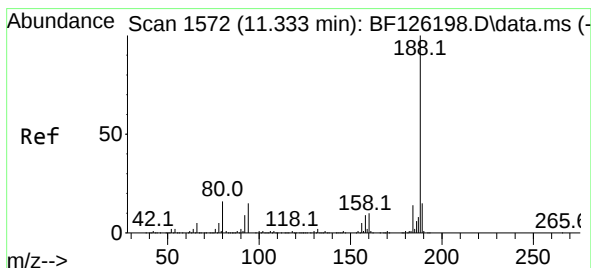
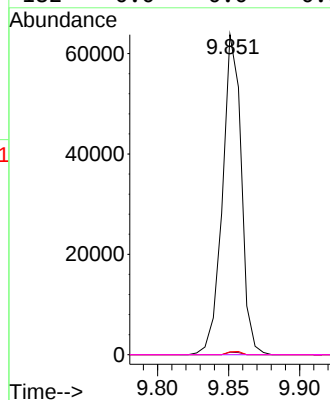
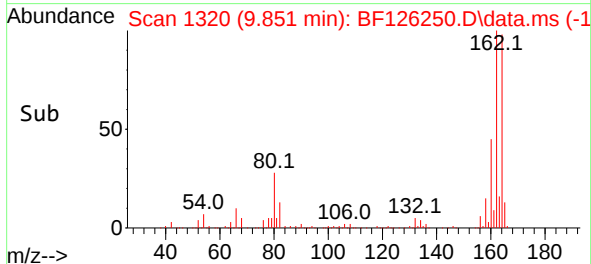


#57
2,4-Dinitrotoluene
Concen: 7.448 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126250.D
Acq: 18 Dec 2021 13:02

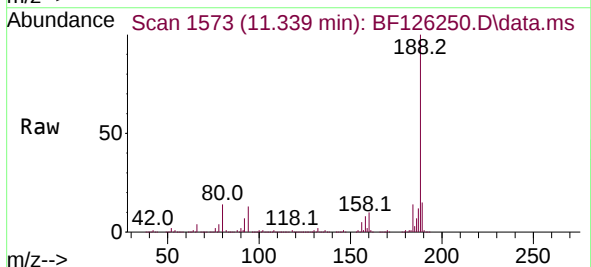
Instrument :
BNA_F
ClientSampleId :



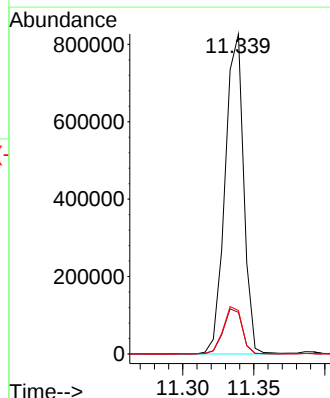
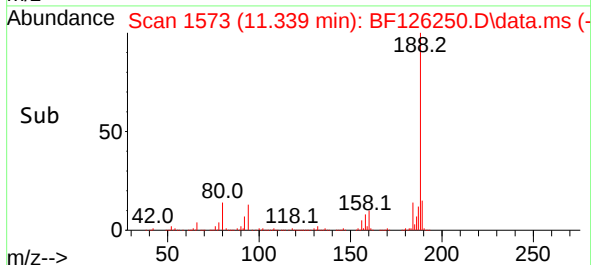
Tgt Ion:165 Resp: 58690
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

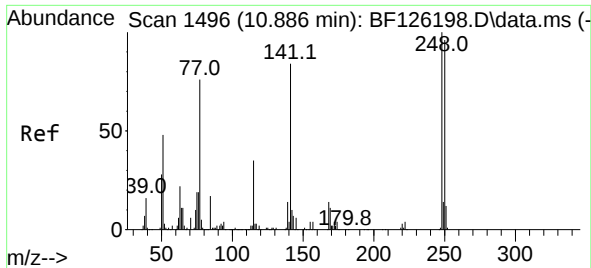


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126250.D
Acq: 18 Dec 2021 13:02



Tgt Ion:188 Resp: 751855
Ion Ratio Lower Upper
188 100
94 13.0 6.7 10.1#
80 13.6 7.5 11.3#

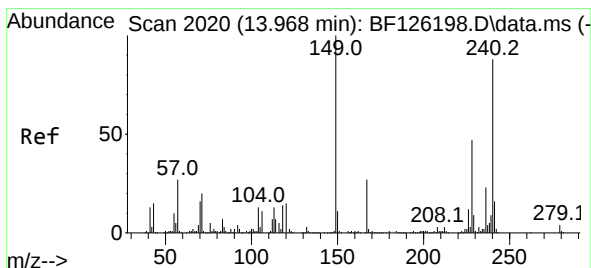
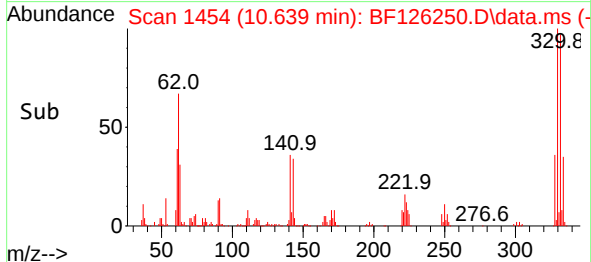
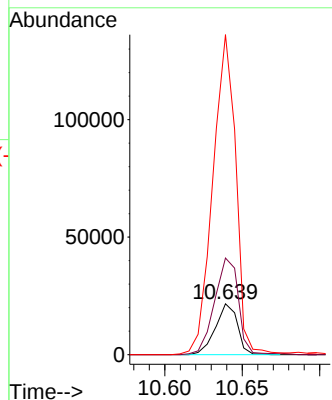
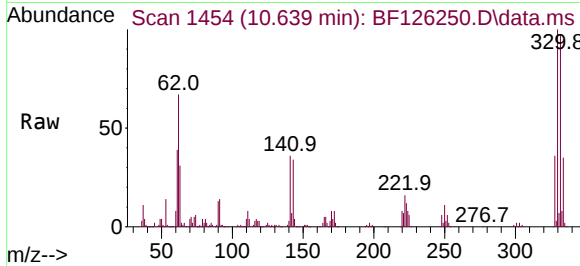




#67
4-Bromophenyl-phenylether
Concen: 3.028 ng
RT: 10.639 min Scan# 1496
Delta R.T. -0.247 min
Lab File: BF126250.D
Acq: 18 Dec 2021 13:02

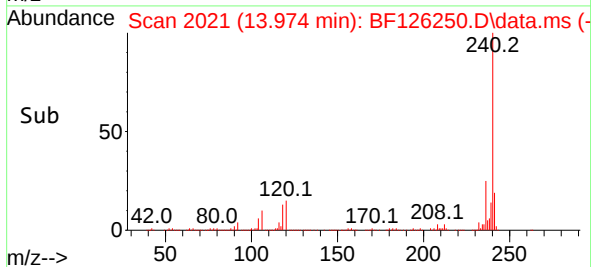
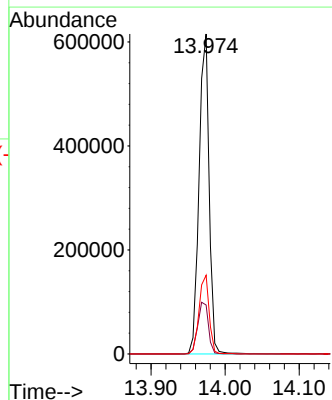
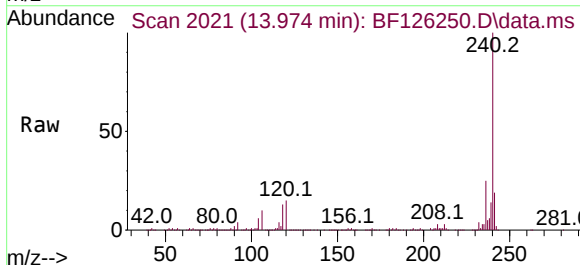
Instrument :
BNA_F
ClientSampleId :

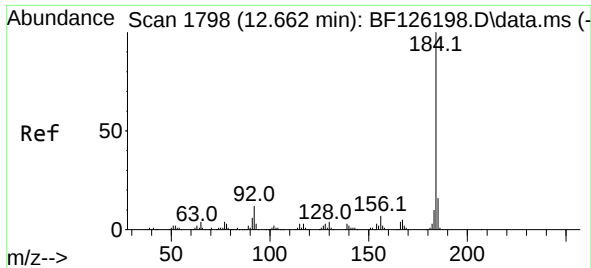
Tgt Ion:248 Resp: 21367
Ion Ratio Lower Upper
248 100
250 190.2 74.2 111.4#
141 629.5 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126250.D
Acq: 18 Dec 2021 13:02

Tgt Ion:240 Resp: 577685
Ion Ratio Lower Upper
240 100
120 15.3 10.8 16.2
236 24.6 21.6 32.4

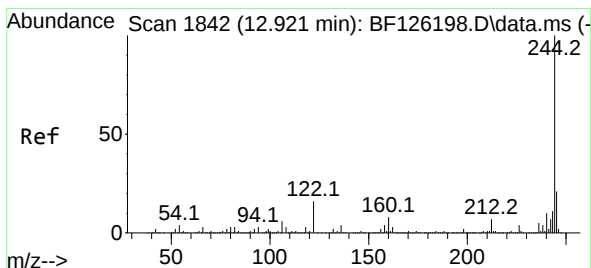
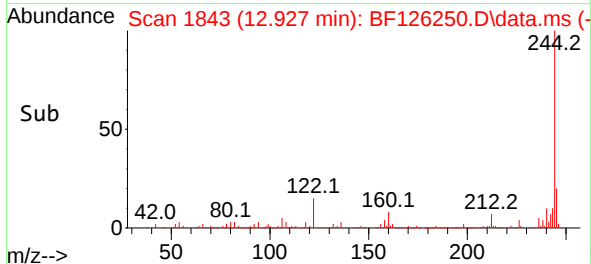
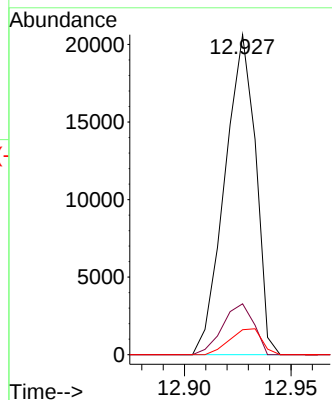
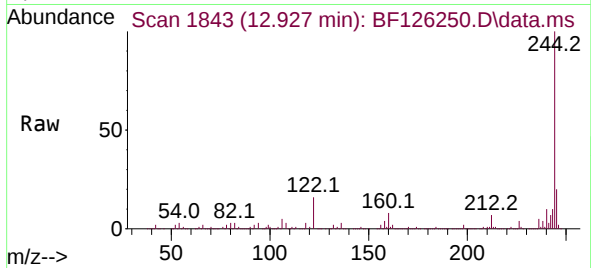




#77
Benzidine
Concen: 2.286 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126250.D
Acq: 18 Dec 2021 13:02

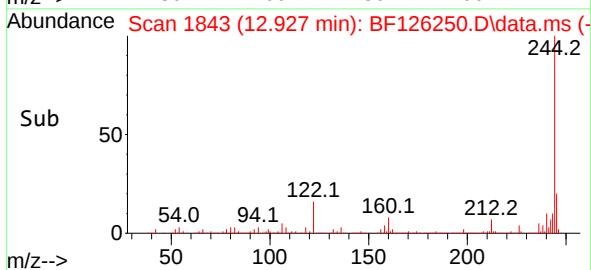
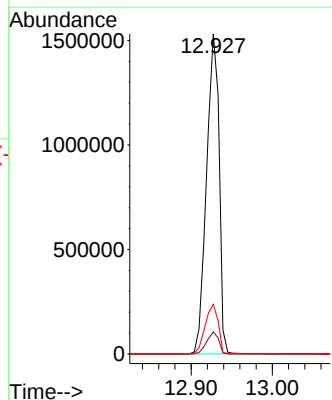
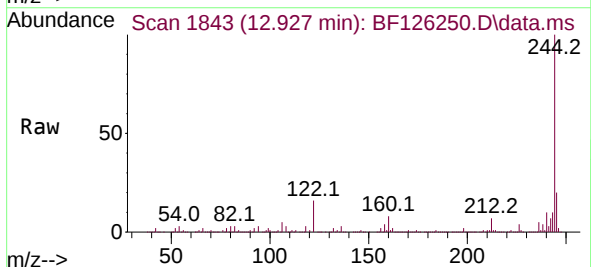
Instrument :
BNA_F
ClientSampleId :

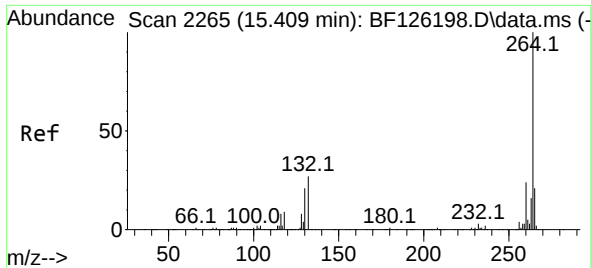
Tgt Ion:184 Resp: 20821
Ion Ratio Lower Upper
184 100
185 15.9 10.8 16.2
183 7.8 8.1 12.1#



#79
Terphenyl-d14
Concen: 49.495 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF126250.D
Acq: 18 Dec 2021 13:02

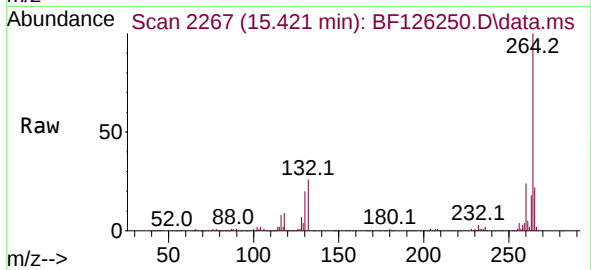
Tgt Ion:244 Resp: 1645038
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 15.5 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF126250.D
Acq: 18 Dec 2021 13:02

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264	Resp:	477856
Ion	Ratio	Lower Upper
264	100	
260	24.1	19.6 29.4
265	22.0	17.2 25.8

