

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126312.D
 Acq On : 21 Dec 2021 23:22
 Operator : JU/CG
 Sample : M5184-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

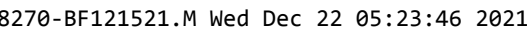
Quant Time: Dec 22 05:23:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

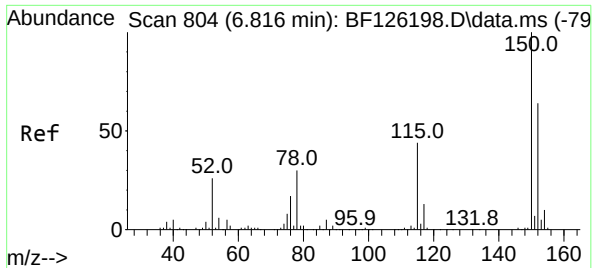
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	189128	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	834370	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	412721	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	675585	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	475090	20.000	ng	0.00
86) Perylene-d12	15.421	264	357044	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1199815	93.424	ng	0.01
7) Phenol-d6	6.445	99	1532261	93.964	ng	0.00
23) Nitrobenzene-d5	7.375	82	1031881	66.980	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	348290	105.007	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1475069	62.684	ng	0.00
79) Terphenyl-d14	12.927	244	1327092	48.552	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	131066	13.092	ng	# 55
25) Isophorone	7.375	82	968091	33.276	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	51671	9.131	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	51671	7.158	ng	# 20
67) 4-Bromophenyl-phenylether	10.639	248	18664	2.944	ng	# 1
77) Benzidine	12.927	184	16923	2.259	ng	# 94

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

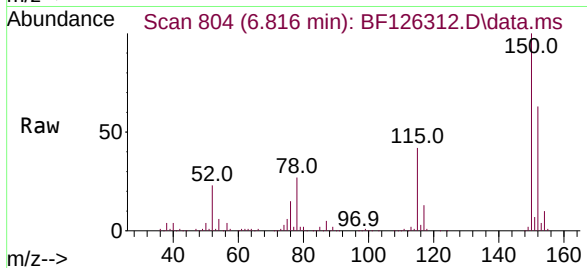
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



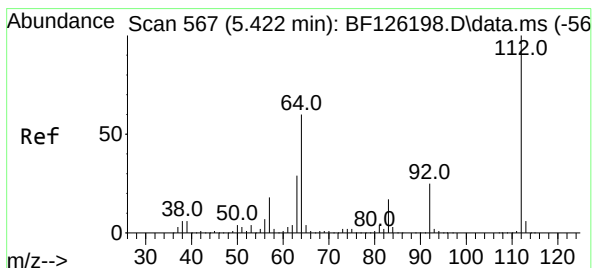
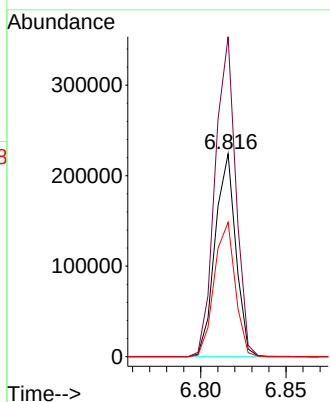
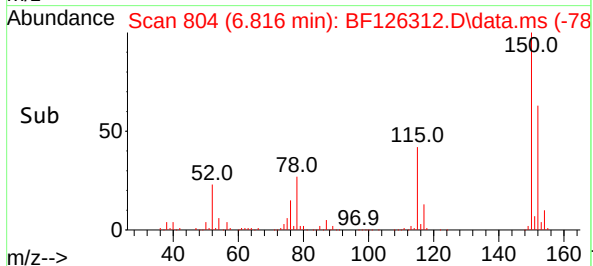


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

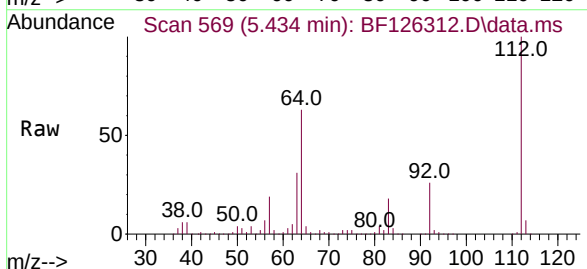
Instrument :
BNA_F
ClientSampleId :



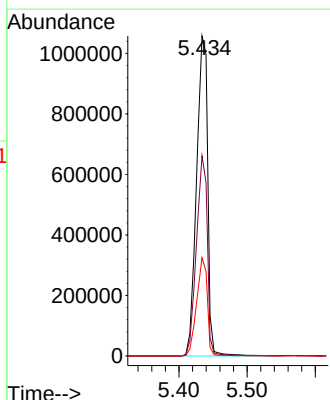
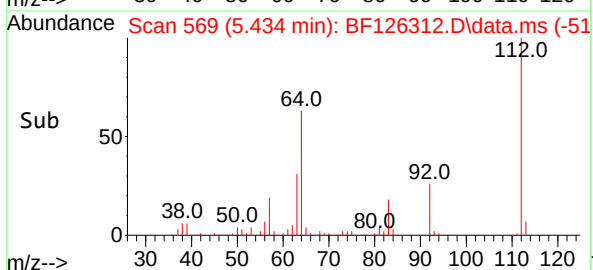
Tgt Ion:152 Resp: 189128
Ion Ratio Lower Upper
152 100
150 157.7 117.6 176.4
115 66.3 47.1 70.7

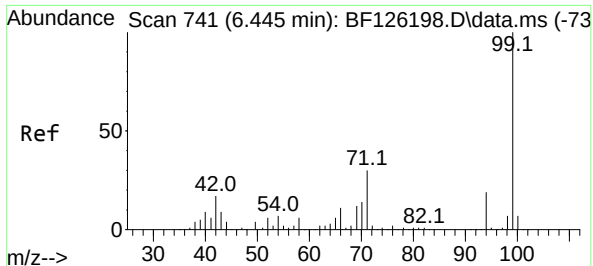


#5
2-Fluorophenol
Concen: 93.424 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22



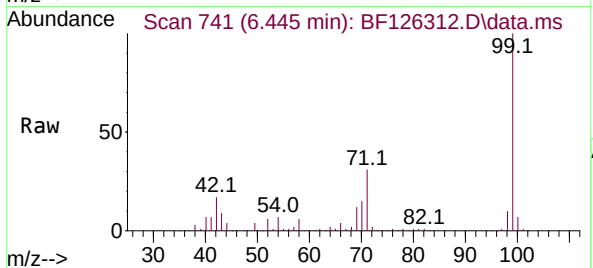
Tgt Ion:112 Resp: 1199815
Ion Ratio Lower Upper
112 100
64 62.5 44.2 66.2
63 30.7 26.2 39.2





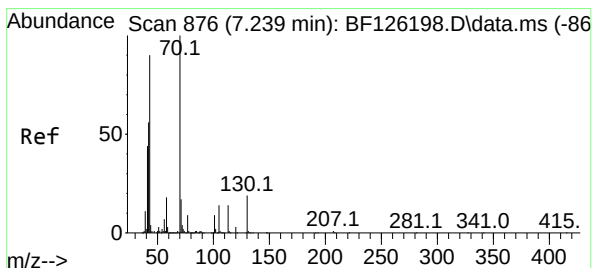
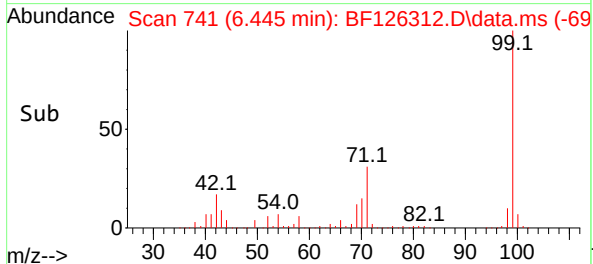
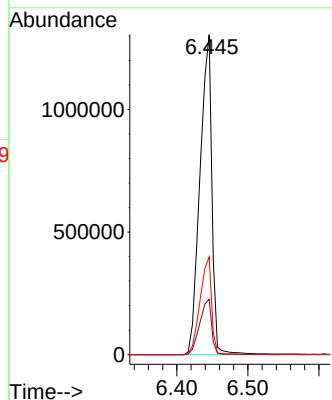
#7
Phenol-d6
Concen: 93.964 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1532261

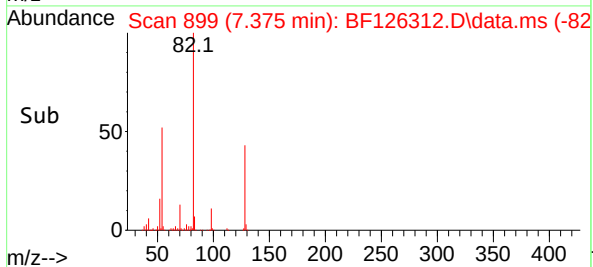
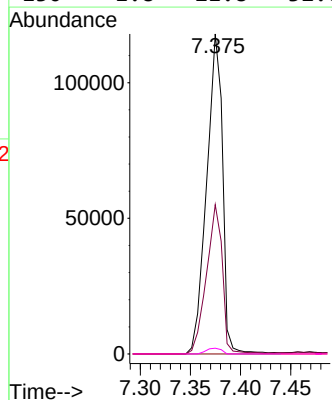
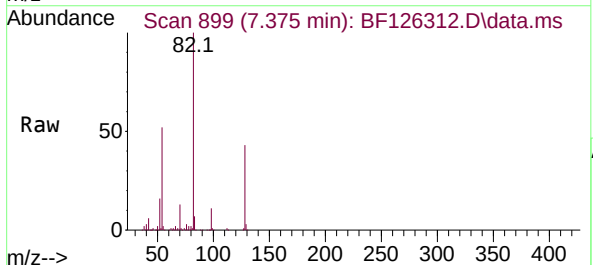
Ion	Ratio	Lower	Upper
99	100		
42	17.3	23.5	35.3#
71	30.5	25.6	38.4

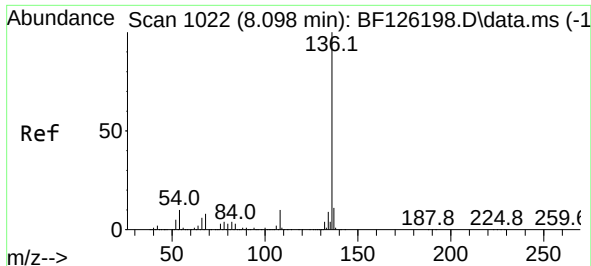


#19
n-Nitroso-di-n-propylamine
Concen: 13.092 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

Tgt Ion: 70 Resp: 131066

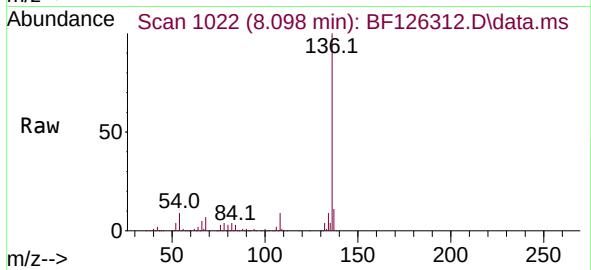
Ion	Ratio	Lower	Upper
70	100		
42	46.6	72.2	108.2#
101	0.0	7.8	11.8#
130	1.8	21.8	32.6#



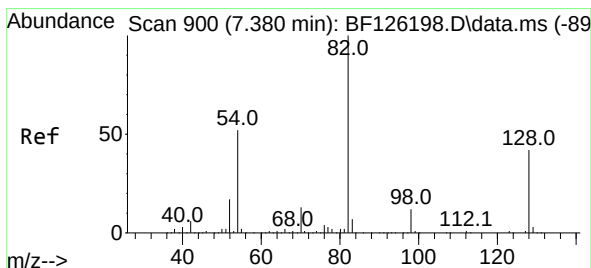
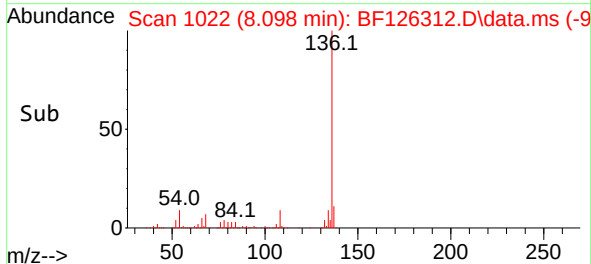
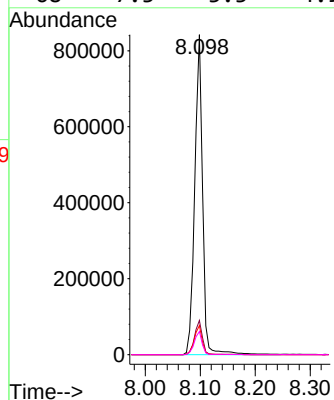


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

Instrument :
BNA_F
ClientSampleId :

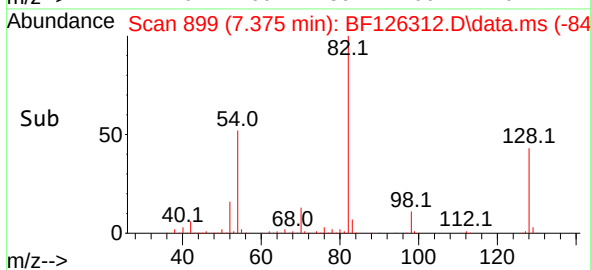
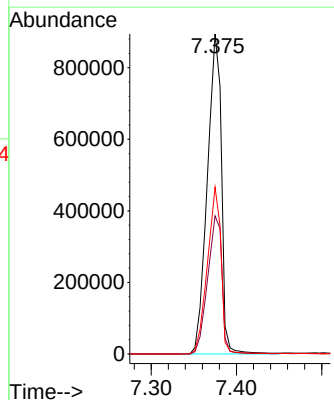
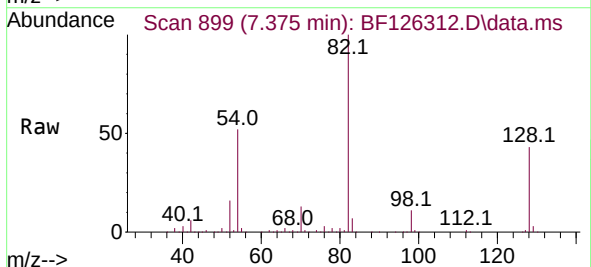


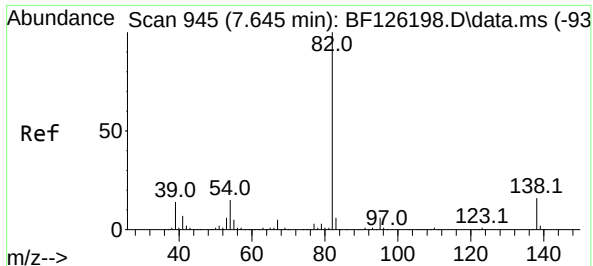
Tgt Ion:	136	Resp:	834370
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.8	14.6
54	9.1	6.4	9.6
68	7.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 66.980 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

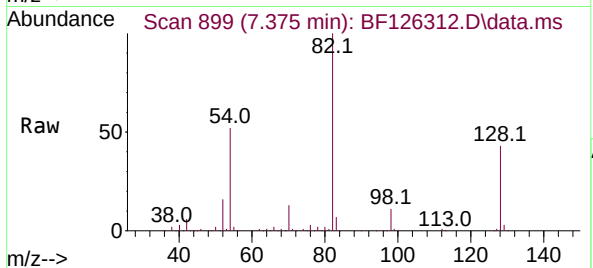
Tgt Ion:	82	Resp:	1031881
Ion Ratio	Lower	Upper	
82	100		
128	43.1	40.6	60.8
54	52.1	49.6	74.4



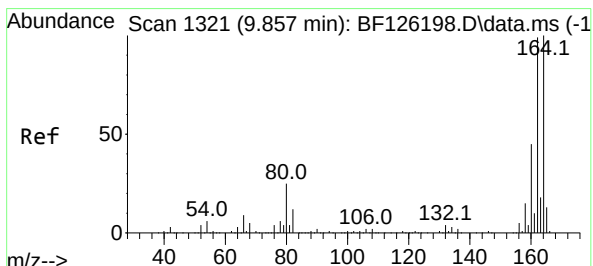
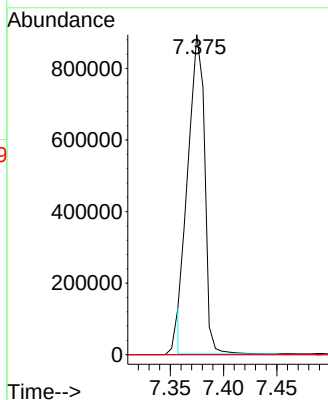
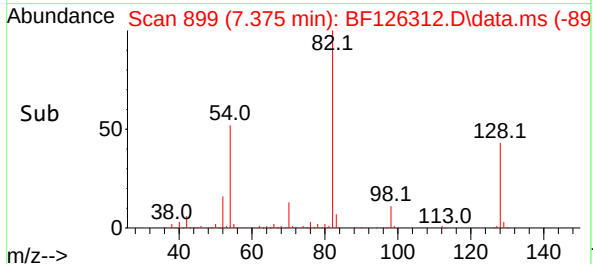


#25
Isophorone
Concen: 33.276 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

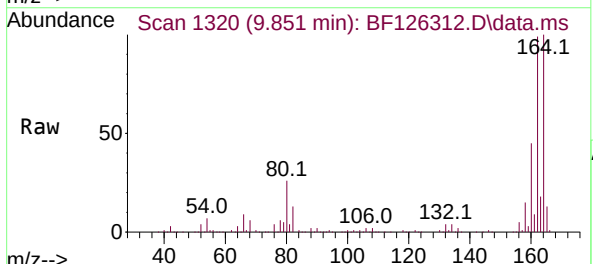
Instrument :
BNA_F
ClientSampleId :



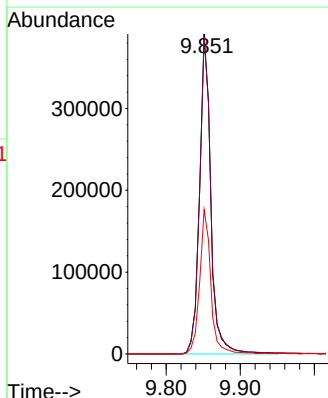
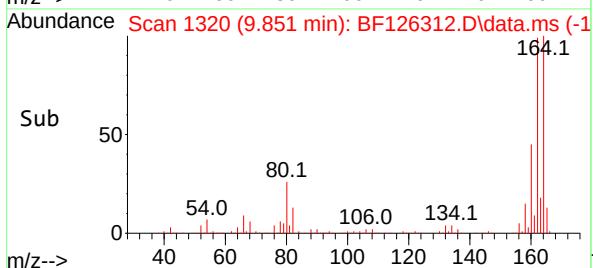
Tgt Ion: 82 Resp: 968091
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

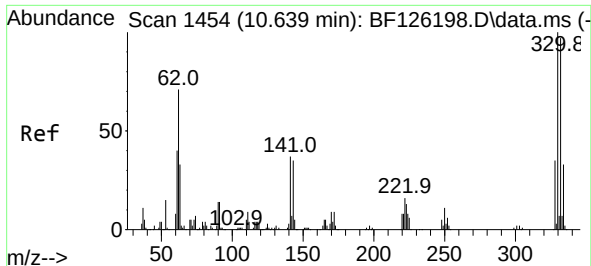


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22



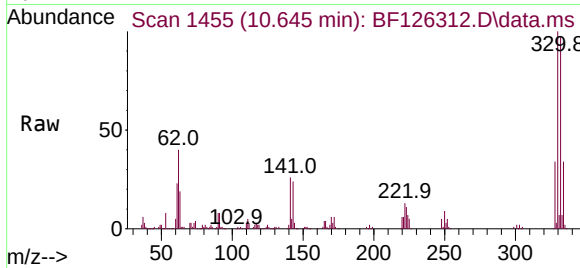
Tgt Ion: 164 Resp: 412721
Ion Ratio Lower Upper
164 100
162 98.9 81.3 121.9
160 45.1 38.0 57.0



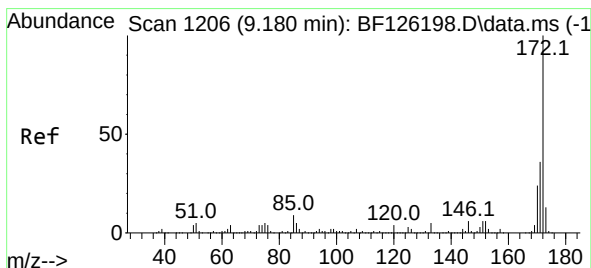
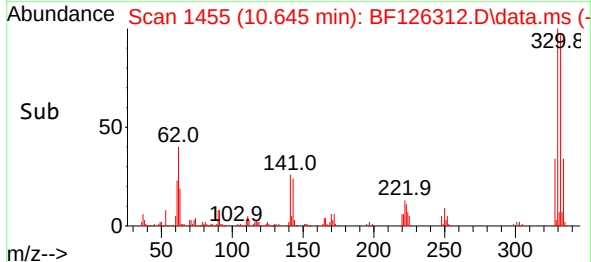
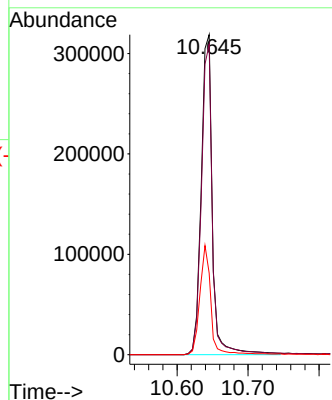


#42
2,4,6-Tribromophenol
Concen: 105.007 ng
RT: 10.645 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

Instrument :
BNA_F
ClientSampleId :

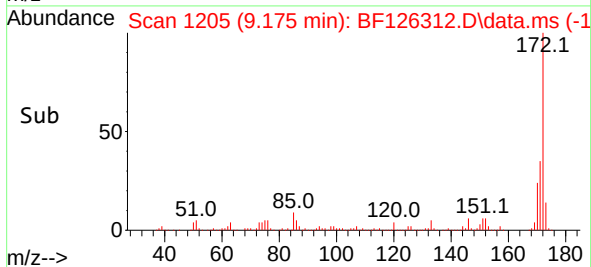
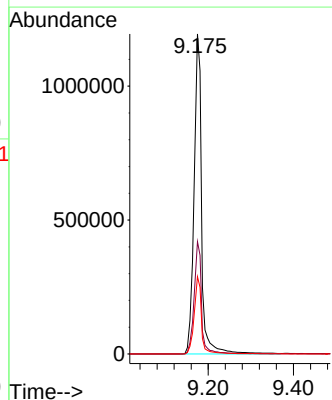
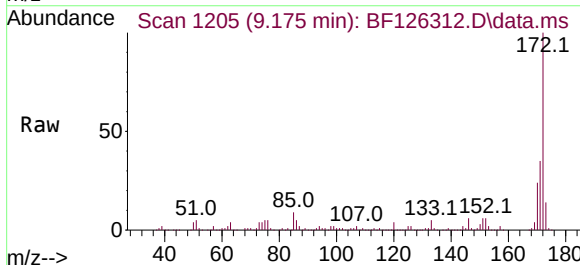


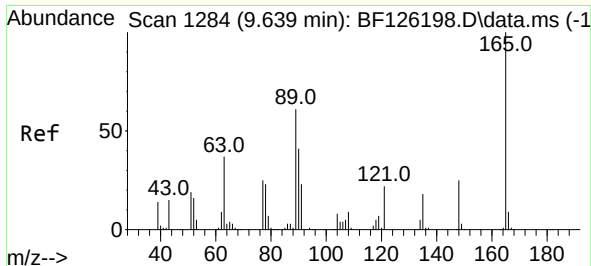
Tgt Ion:330 Resp: 348290
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 34.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 62.684 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

Tgt Ion:172 Resp: 1475069
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 24.2 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.131 ng

RT: 9.851 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF126312.D

Acq: 21 Dec 2021 23:22

Instrument :

BNA_F

ClientSampleId :

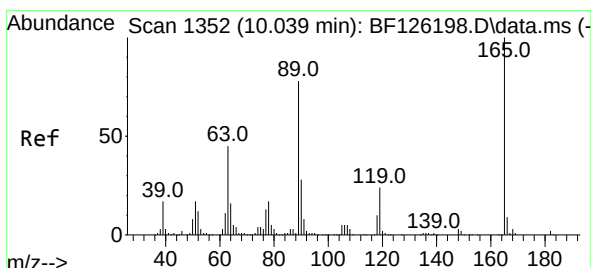
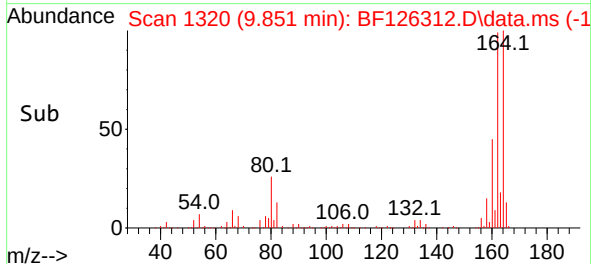
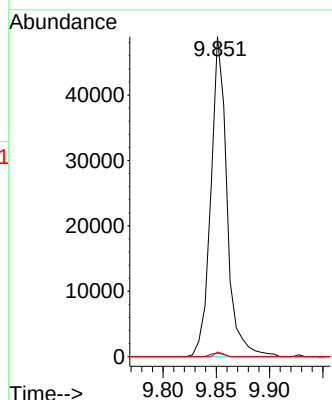
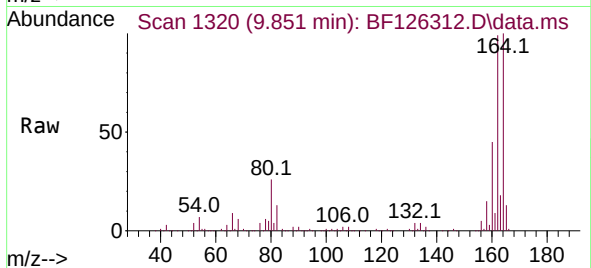
Tgt Ion:165 Resp: 51671

Ion Ratio Lower Upper

165 100

63 1.2 42.6 63.8#

89 1.5 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.158 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.188 min

Lab File: BF126312.D

Acq: 21 Dec 2021 23:22

Tgt Ion:165 Resp: 51671

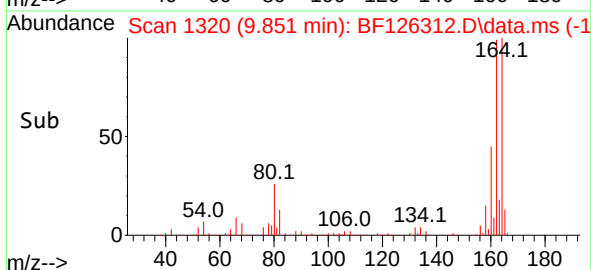
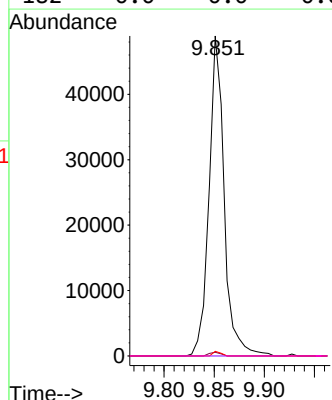
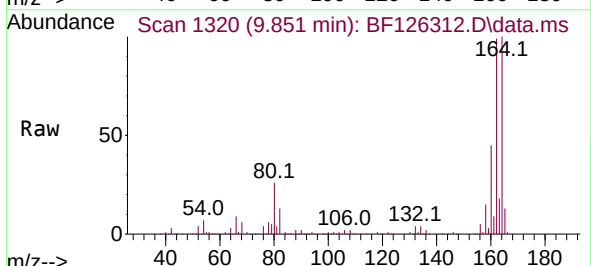
Ion Ratio Lower Upper

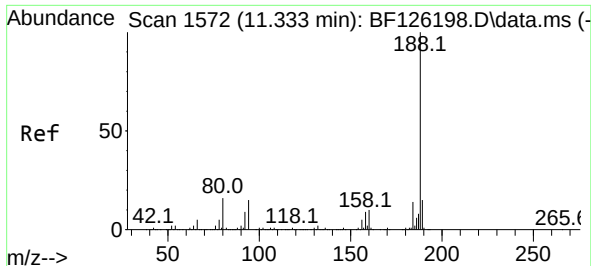
165 100

63 1.2 40.9 61.3#

89 1.5 59.7 89.5#

182 0.0 0.0 0.0

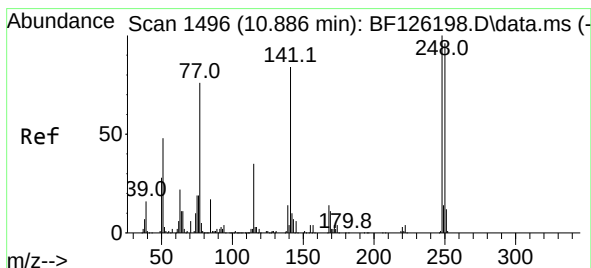
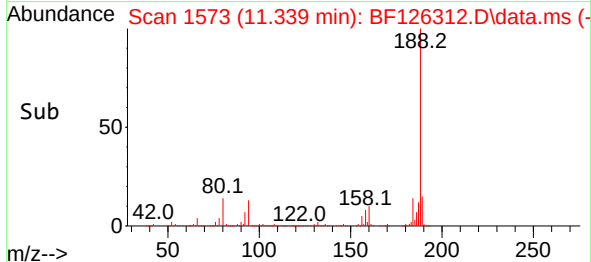
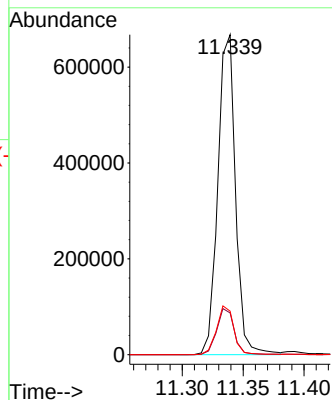
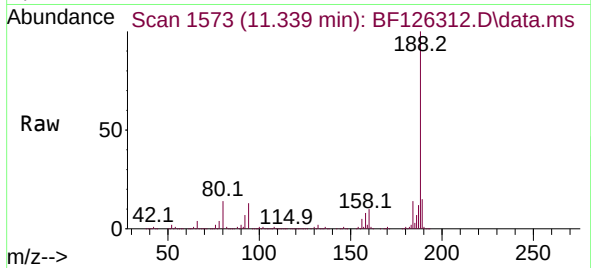




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

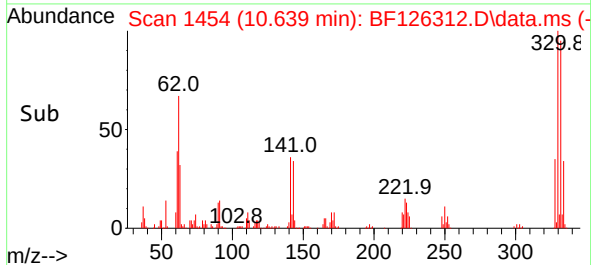
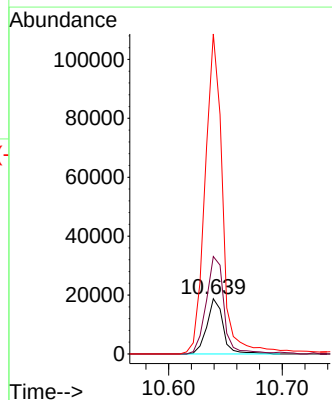
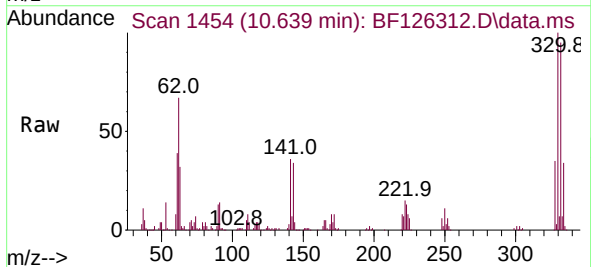
Instrument :
BNA_F
ClientSampleId :

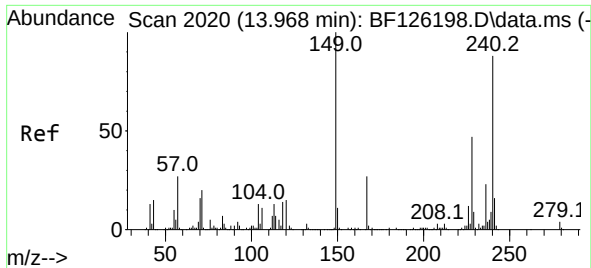
Tgt Ion:188 Resp: 675585
Ion Ratio Lower Upper
188 100
94 13.1 6.7 10.1#
80 13.6 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 2.944 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

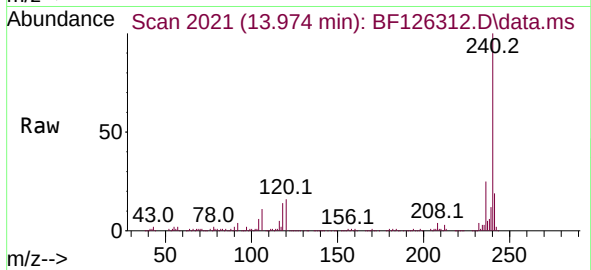
Tgt Ion:248 Resp: 18664
Ion Ratio Lower Upper
248 100
250 176.4 74.2 111.4#
141 579.6 60.4 90.6#



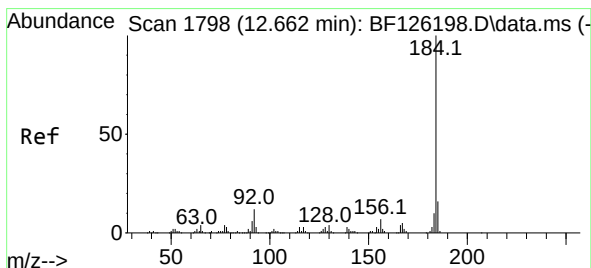
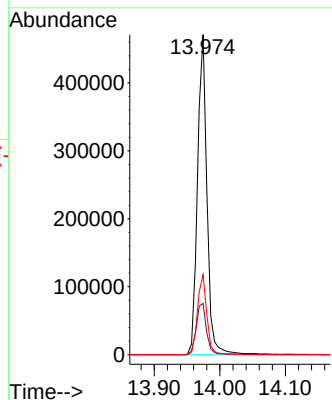
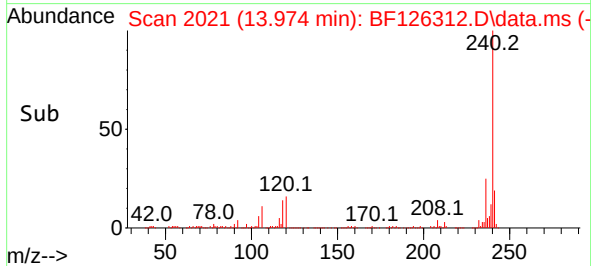


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

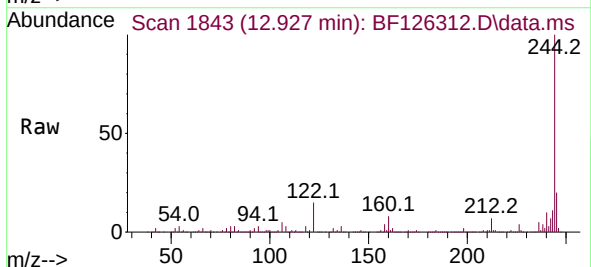
Instrument :
BNA_F
ClientSampleId :



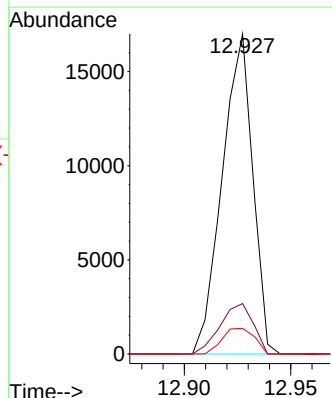
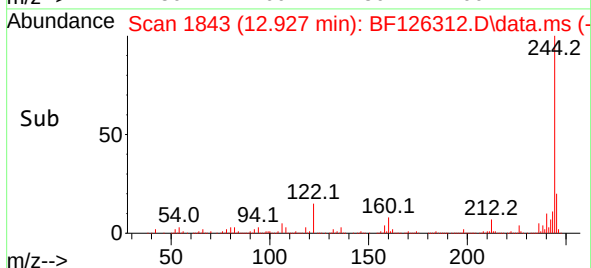
Tgt Ion:240 Resp: 475090
Ion Ratio Lower Upper
240 100
120 16.0 10.8 16.2
236 25.0 21.6 32.4

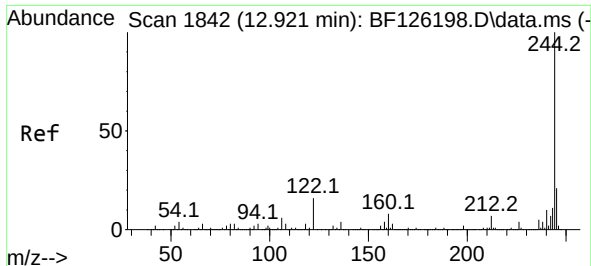


#77
Benzidine
Concen: 2.259 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22



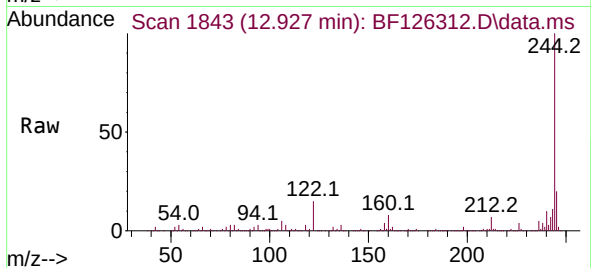
Tgt Ion:184 Resp: 16923
Ion Ratio Lower Upper
184 100
185 15.7 10.8 16.2
183 8.0 8.1 12.1#



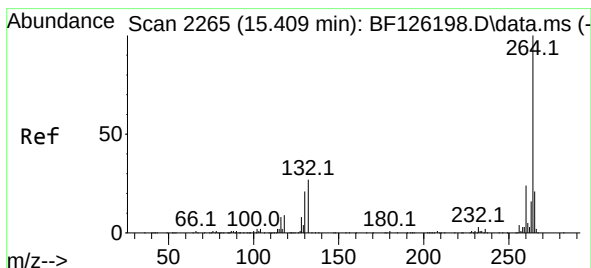
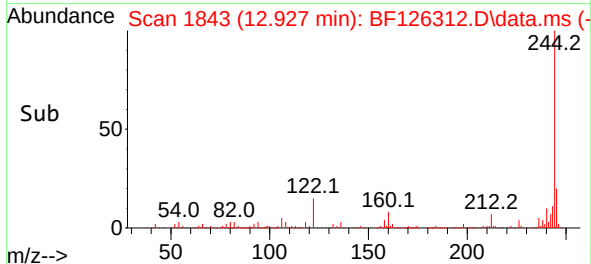
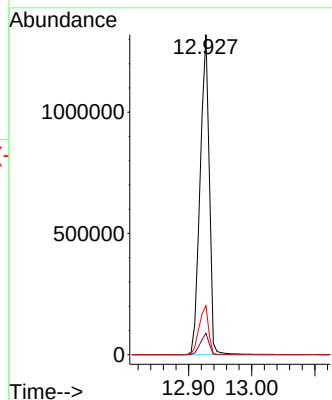


#79
 Terphenyl-d14
 Concen: 48.552 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126312.D
 Acq: 21 Dec 2021 23:22

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1327092
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 15.3 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF126312.D
 Acq: 21 Dec 2021 23:22

Tgt Ion:264 Resp: 357044
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.6 29.4
 265 20.8 17.2 25.8

