

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126302.D
 Acq On : 21 Dec 2021 18:10
 Operator : JU/CG
 Sample : M5018-69RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:21:24 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)

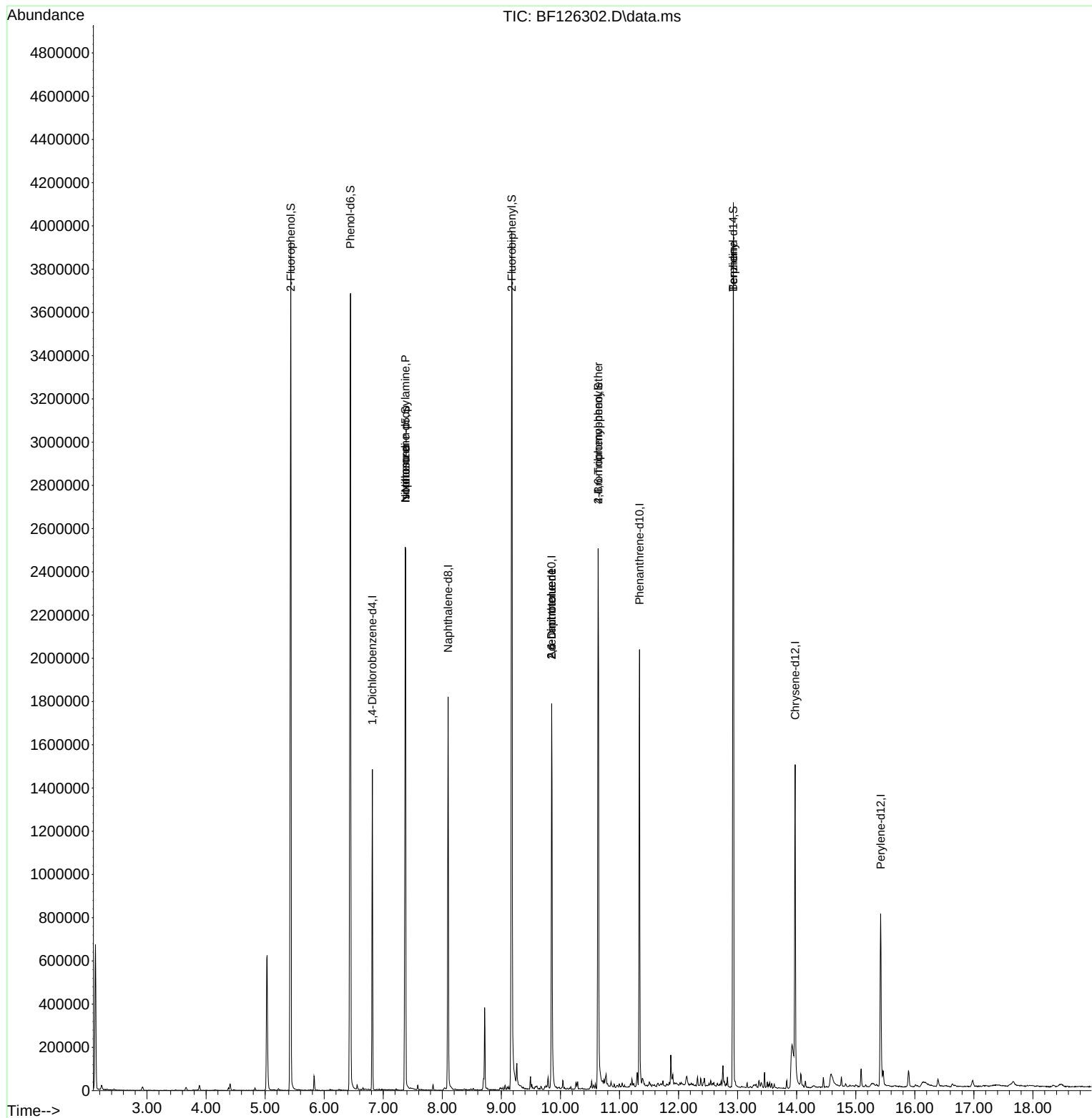
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	201682	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	864244	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	433009	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	711426	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	484071	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	373948	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1236088	90.257	ng	0.01
7) Phenol-d6	6.445	99	1622933	93.329	ng	0.00
23) Nitrobenzene-d5	7.375	82	1073531	67.274	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	353756	101.658	ng	0.00
45) 2-Fluorobiphenyl	9.174	172	1562879	63.304	ng	0.00
79) Terphenyl-d14	12.927	244	1441264	51.750	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	136349	12.772	ng	# 54
25) Isophorone	7.375	82	1017466	33.765	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	54236	9.135	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	55003	7.263	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	18952	2.838	ng	# 1
77) Benzidine	12.927	184	17986	2.357	ng	# 92

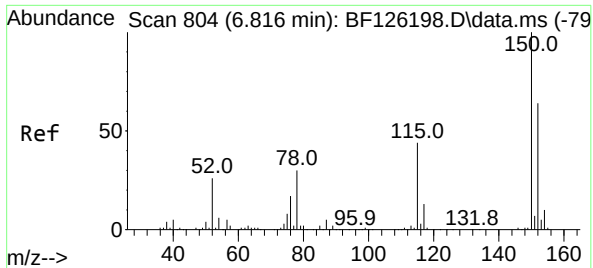
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126302.D
Acq On : 21 Dec 2021 18:10
Operator : JU/CG
Sample : M5018-69RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

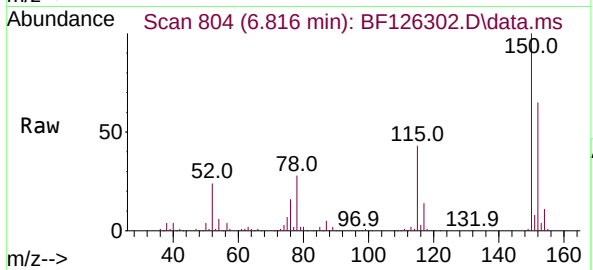
Quant Time: Dec 22 05:21:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



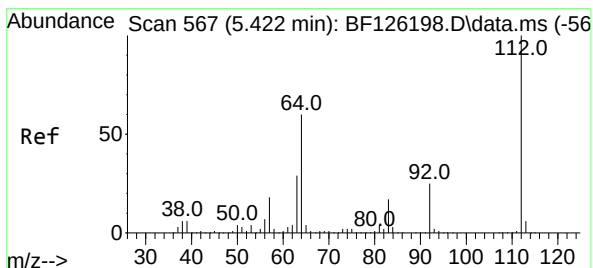
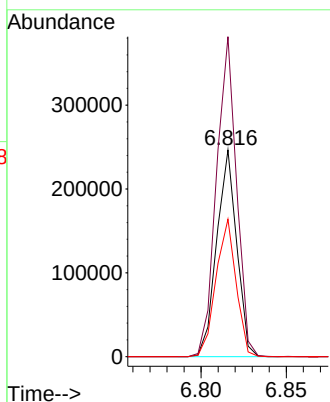
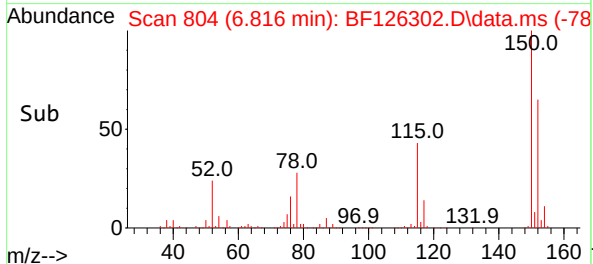


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

Instrument :
BNA_F
ClientSampleId :

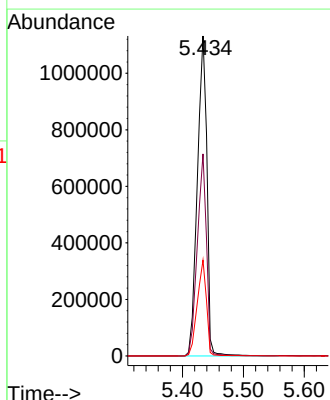
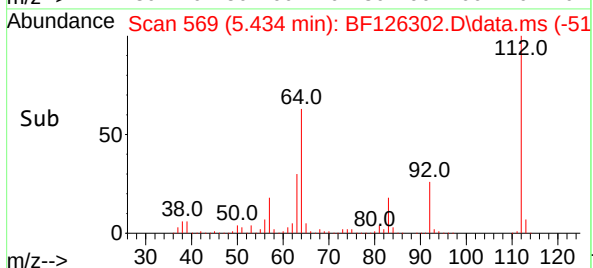
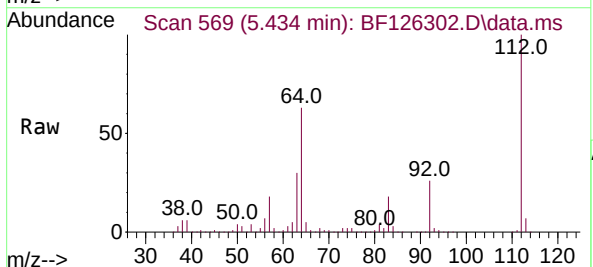


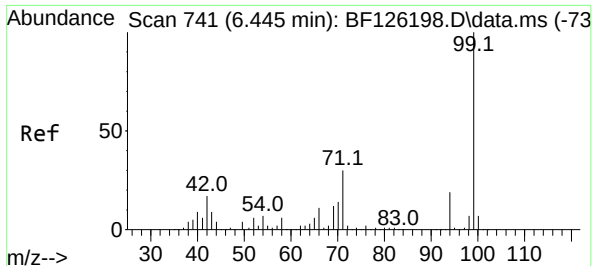
Tgt Ion:152 Resp: 201682
Ion Ratio Lower Upper
152 100
150 154.8 117.6 176.4
115 66.5 47.1 70.7



#5
2-Fluorophenol
Concen: 90.257 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

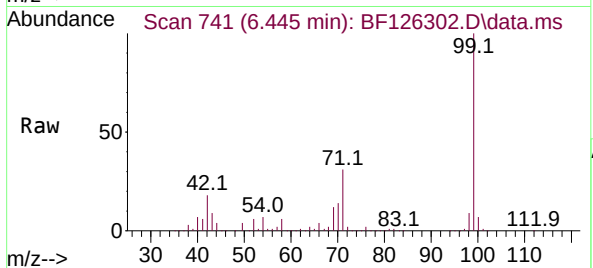
Tgt Ion:112 Resp: 1236088
Ion Ratio Lower Upper
112 100
64 63.1 44.2 66.2
63 30.0 26.2 39.2





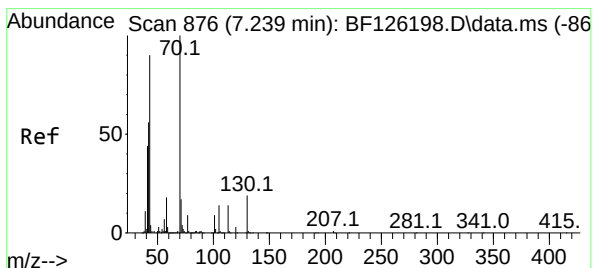
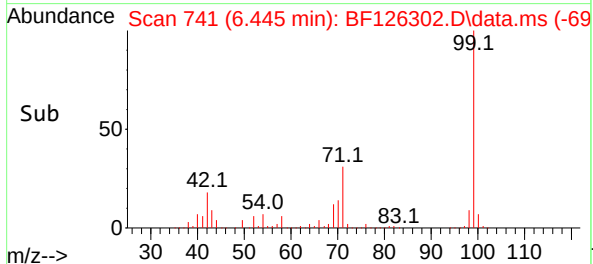
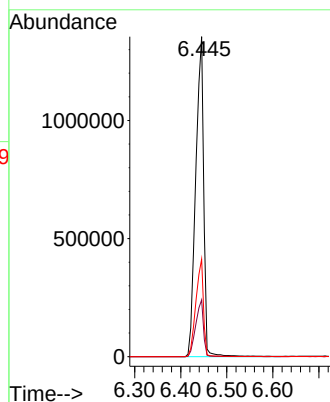
#7
Phenol-d6
Concen: 93.329 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1622933

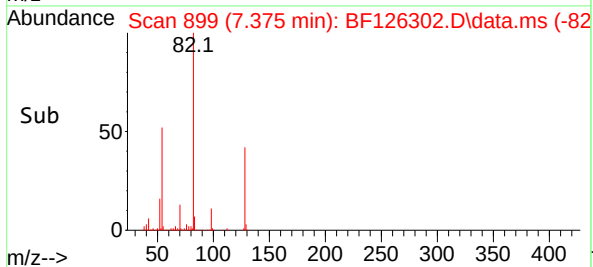
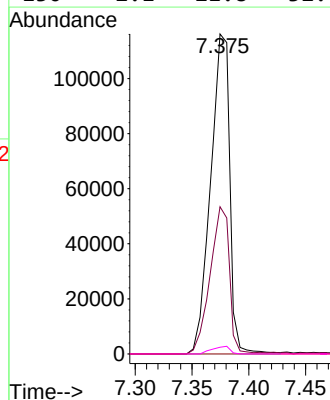
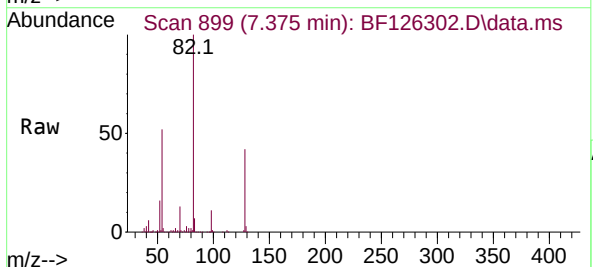
Ion	Ratio	Lower	Upper
99	100		
42	17.7	23.5	35.3#
71	30.5	25.6	38.4

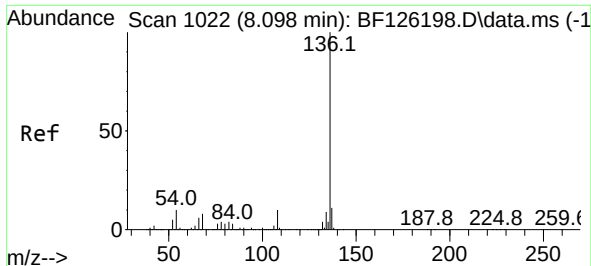


#19
n-Nitroso-di-n-propylamine
Concen: 12.772 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

Tgt Ion: 70 Resp: 136349

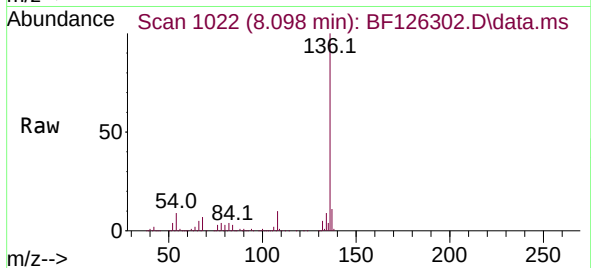
Ion	Ratio	Lower	Upper
70	100		
42	46.0	72.2	108.2#
101	0.0	7.8	11.8#
130	2.1	21.8	32.6#



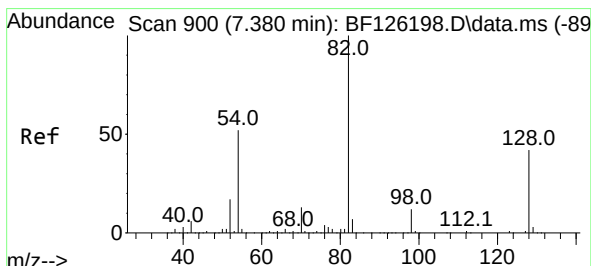
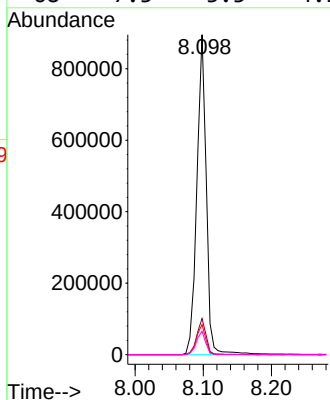
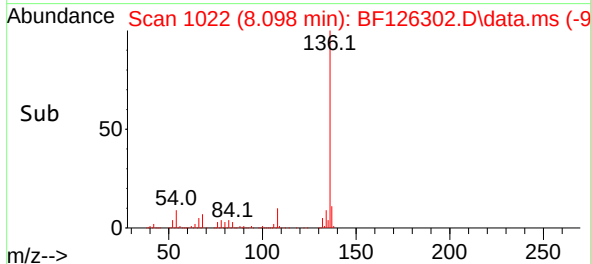


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

Instrument :
BNA_F
ClientSampleId :

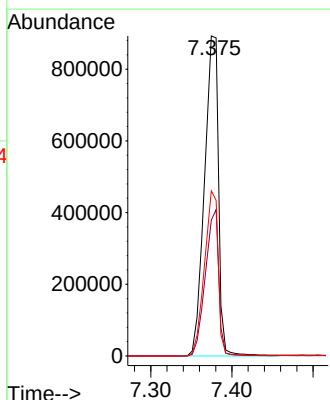
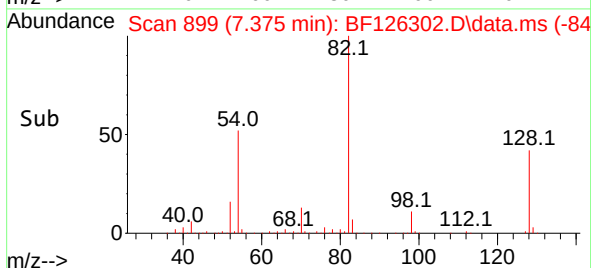
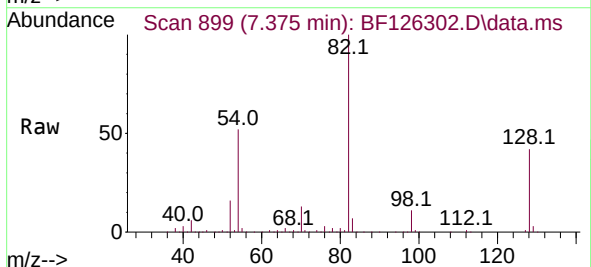


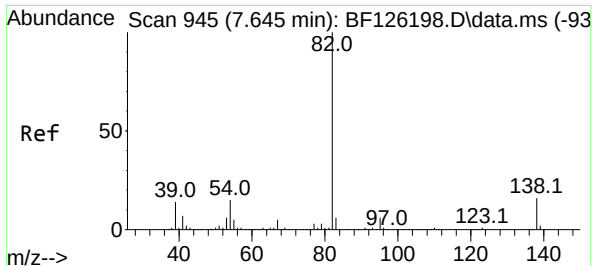
Tgt Ion:136 Resp: 864244
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 9.4 6.4 9.6
68 7.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 67.274 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

Tgt Ion: 82 Resp: 1073531
Ion Ratio Lower Upper
82 100
128 42.5 40.6 60.8
54 51.6 49.6 74.4

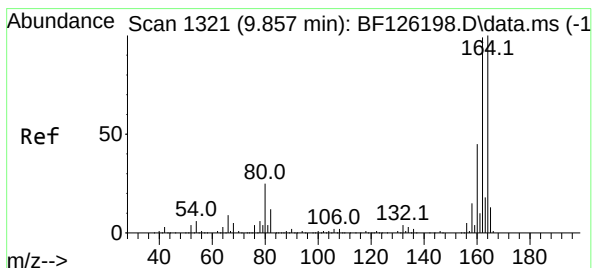
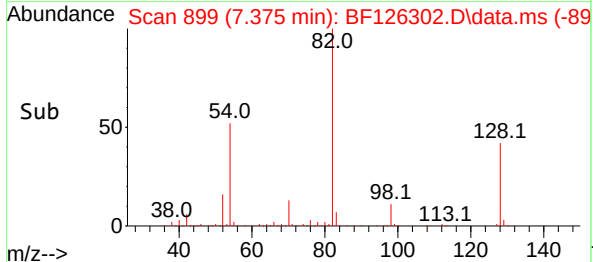
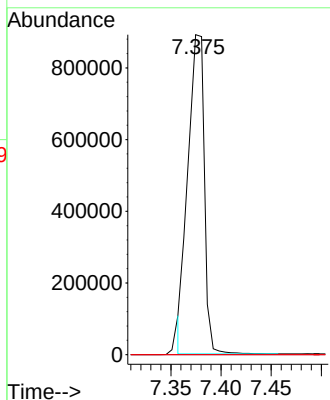
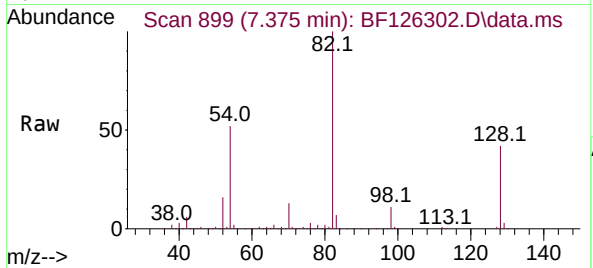




#25
Isophorone
Concen: 33.765 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

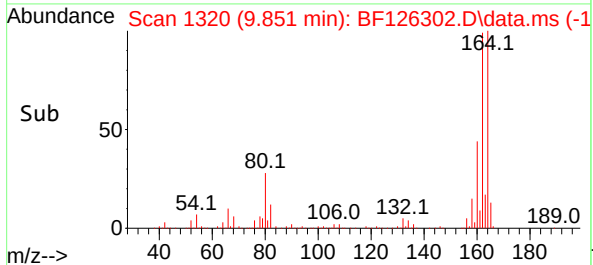
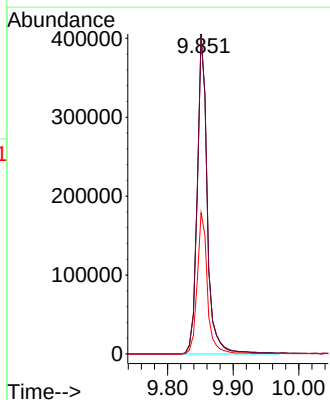
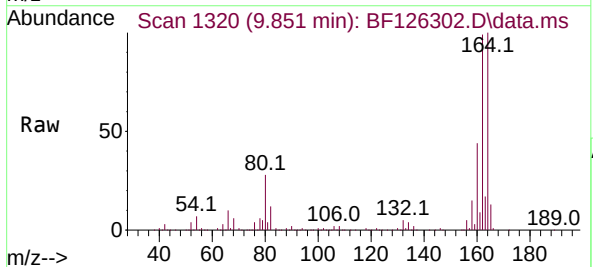
Instrument :
BNA_F
ClientSampleId :

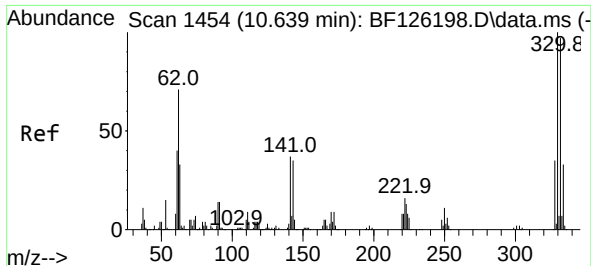
Tgt Ion: 82 Resp: 1017466
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

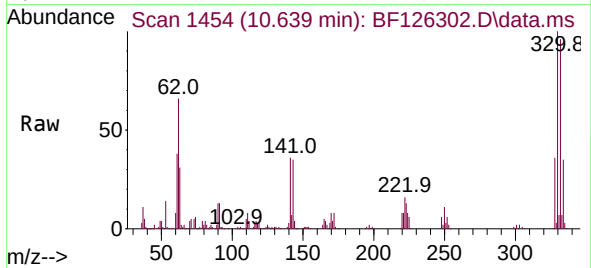
Tgt Ion:164 Resp: 433009
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 44.1 38.0 57.0



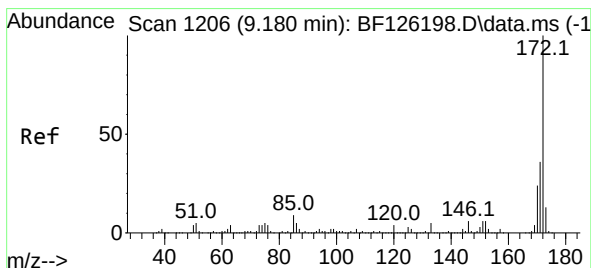
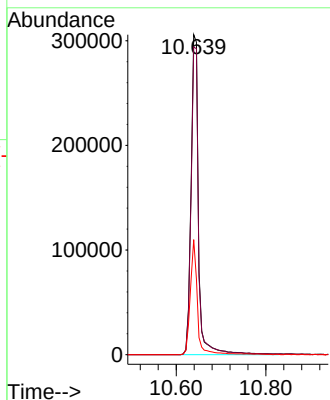
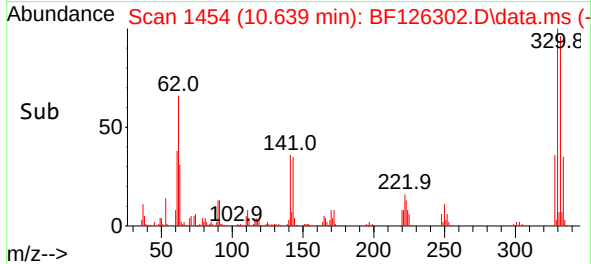


#42
2,4,6-Tribromophenol
Concen: 101.658 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

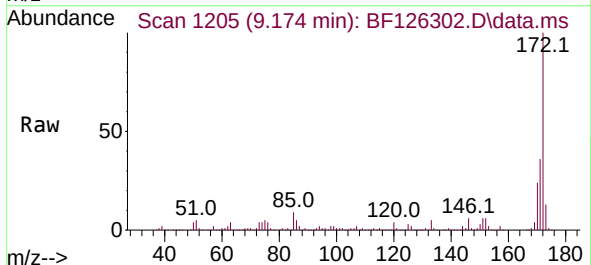
Instrument :
BNA_F
ClientSampleId :



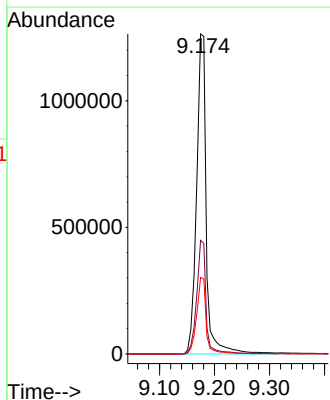
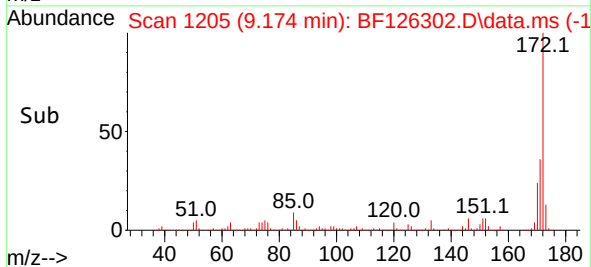
Tgt Ion:330 Resp: 353756
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 33.8 44.6 66.8#

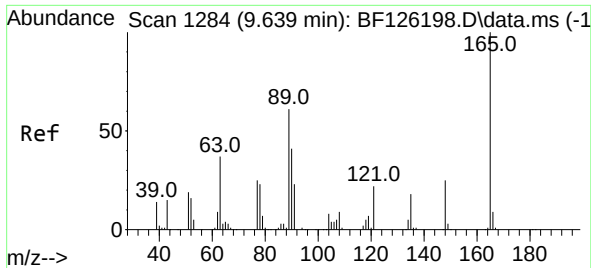


#45
2-Fluorobiphenyl
Concen: 63.304 ng
RT: 9.174 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10



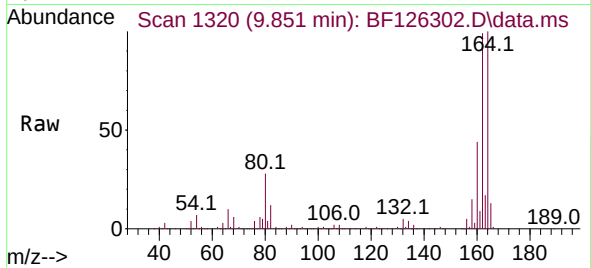
Tgt Ion:172 Resp: 1562879
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.9 18.8 28.2



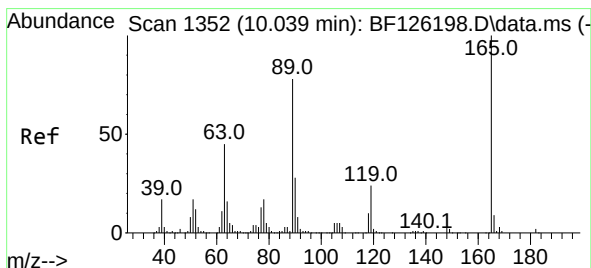
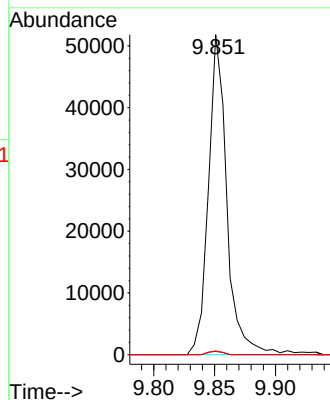
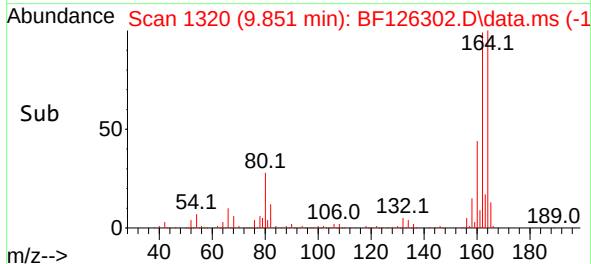


#51
2,6-Dinitrotoluene
Concen: 9.135 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

Instrument :
BNA_F
ClientSampleId :

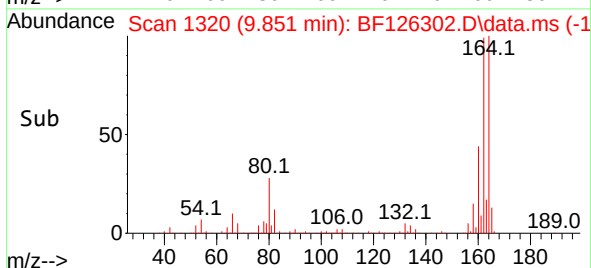
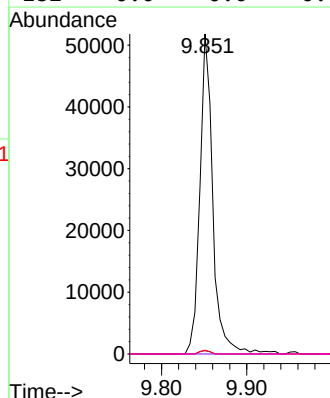
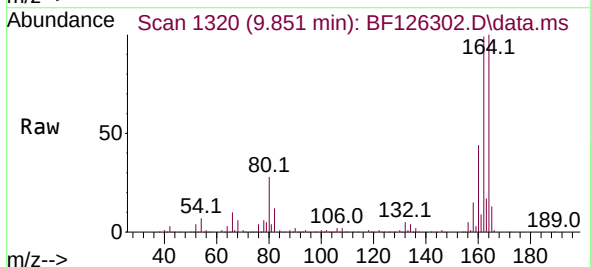


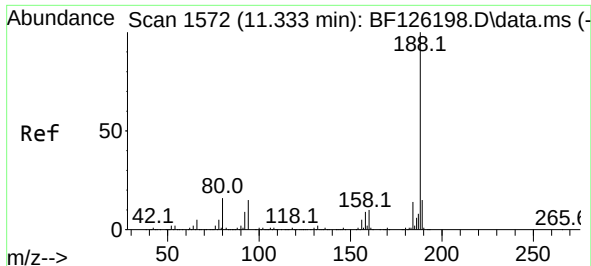
Tgt Ion:165 Resp: 54236
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.263 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

Tgt Ion:165 Resp: 55003
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

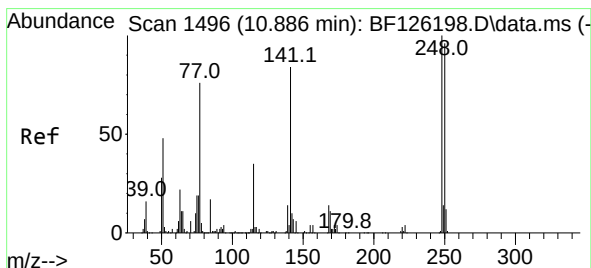
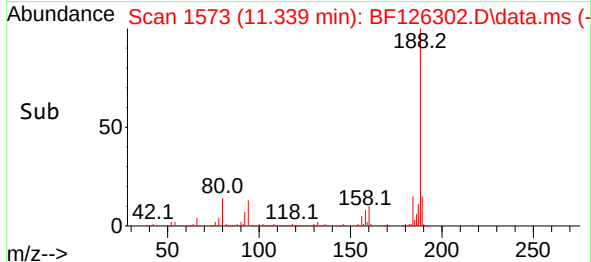
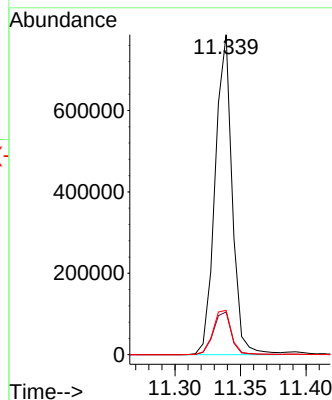
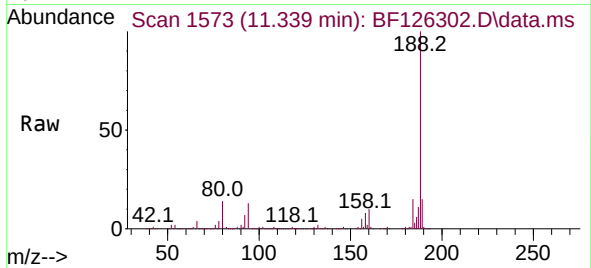




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

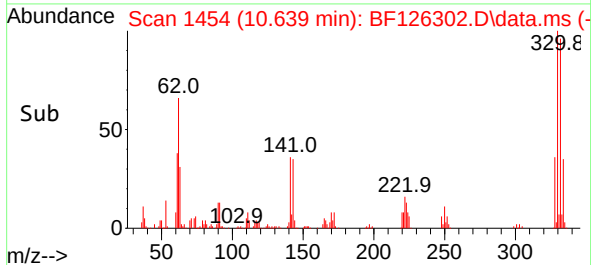
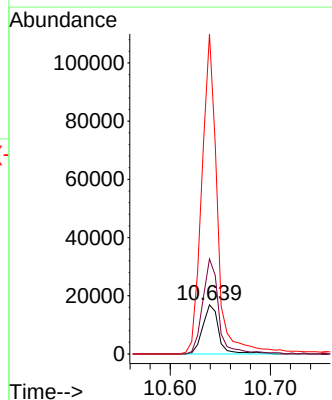
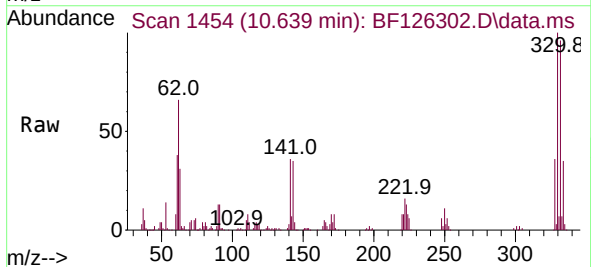
Instrument :
BNA_F
ClientSampleId :

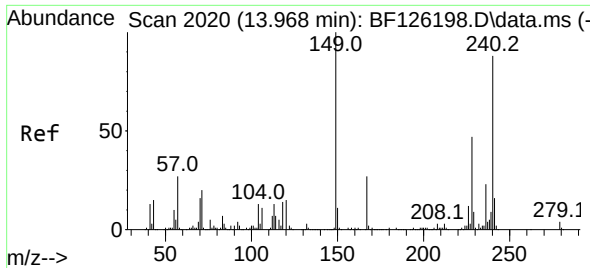
Tgt Ion:188 Resp: 711426
Ion Ratio Lower Upper
188 100
94 13.4 6.7 10.1#
80 13.9 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 2.838 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

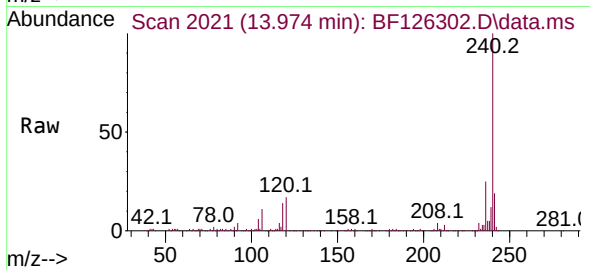
Tgt Ion:248 Resp: 18952
Ion Ratio Lower Upper
248 100
250 193.4 74.2 111.4#
141 651.5 60.4 90.6#



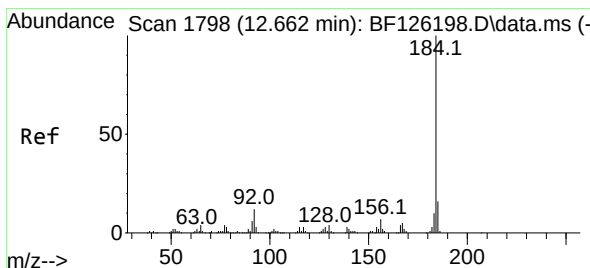
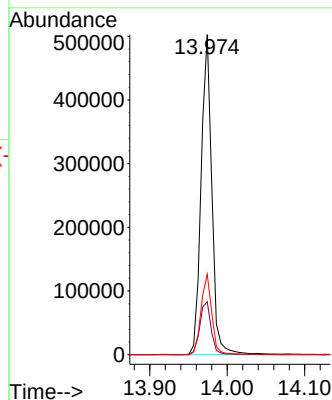
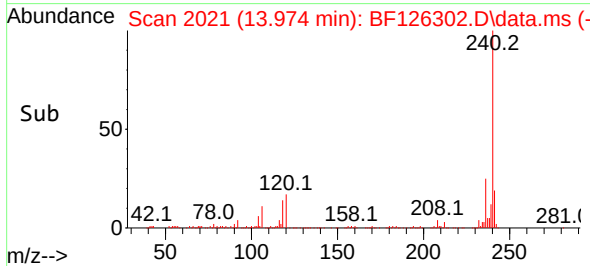


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

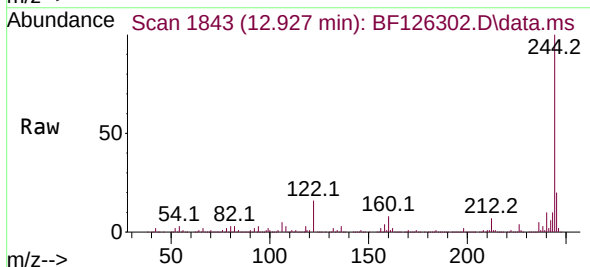
Instrument :
BNA_F
ClientSampleId :



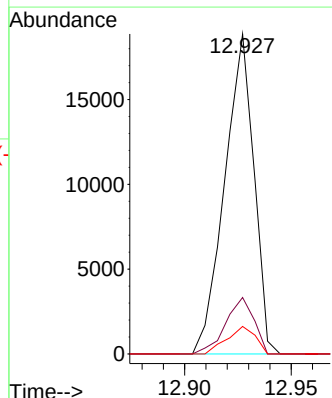
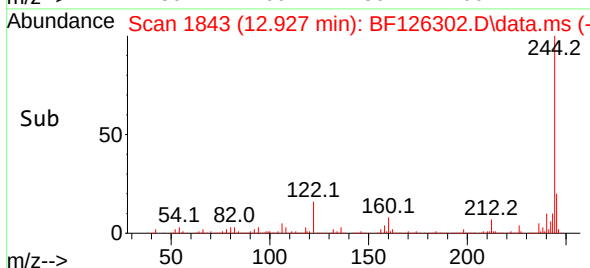
Tgt Ion:240 Resp: 484071
Ion Ratio Lower Upper
240 100
120 16.6 10.8 16.2#
236 25.2 21.6 32.4

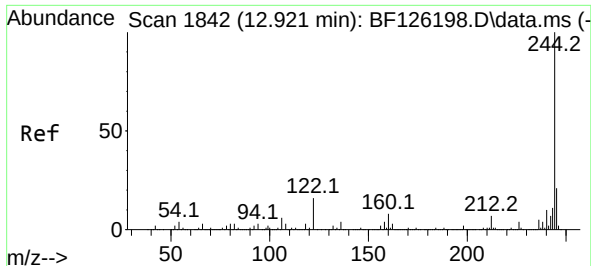


#77
Benzidine
Concen: 2.357 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10



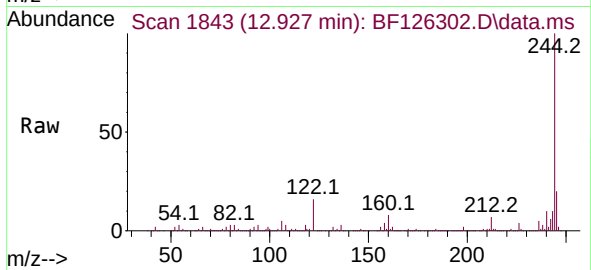
Tgt Ion:184 Resp: 17986
Ion Ratio Lower Upper
184 100
185 17.7 10.8 16.2#
183 8.6 8.1 12.1



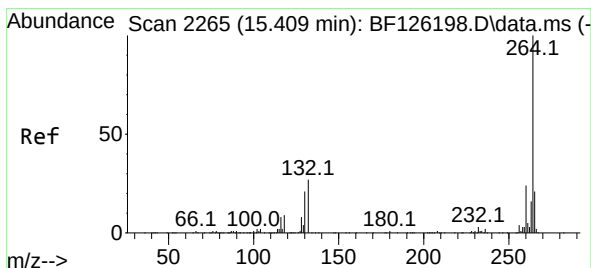
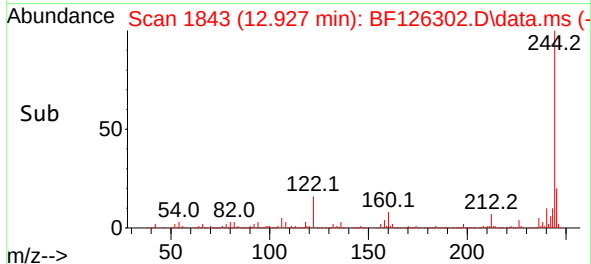
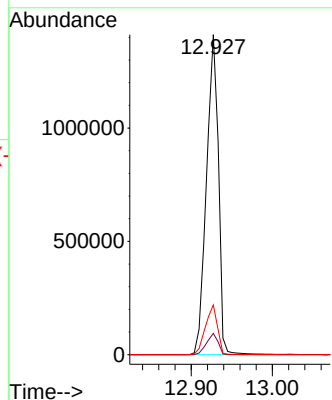


#79
Terphenyl-d14
Concen: 51.750 ng
RT: 12.927 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:244 Resp: 1441264
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 15.6 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: BF126302.D
Acq: 21 Dec 2021 18:10

Tgt Ion:264 Resp: 373948
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.0 17.2 25.8

