

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126365.D
 Acq On : 27 Dec 2021 20:10
 Operator : JU/CG
 Sample : M5065-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UV-1WC

Quant Time: Dec 28 06:00:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

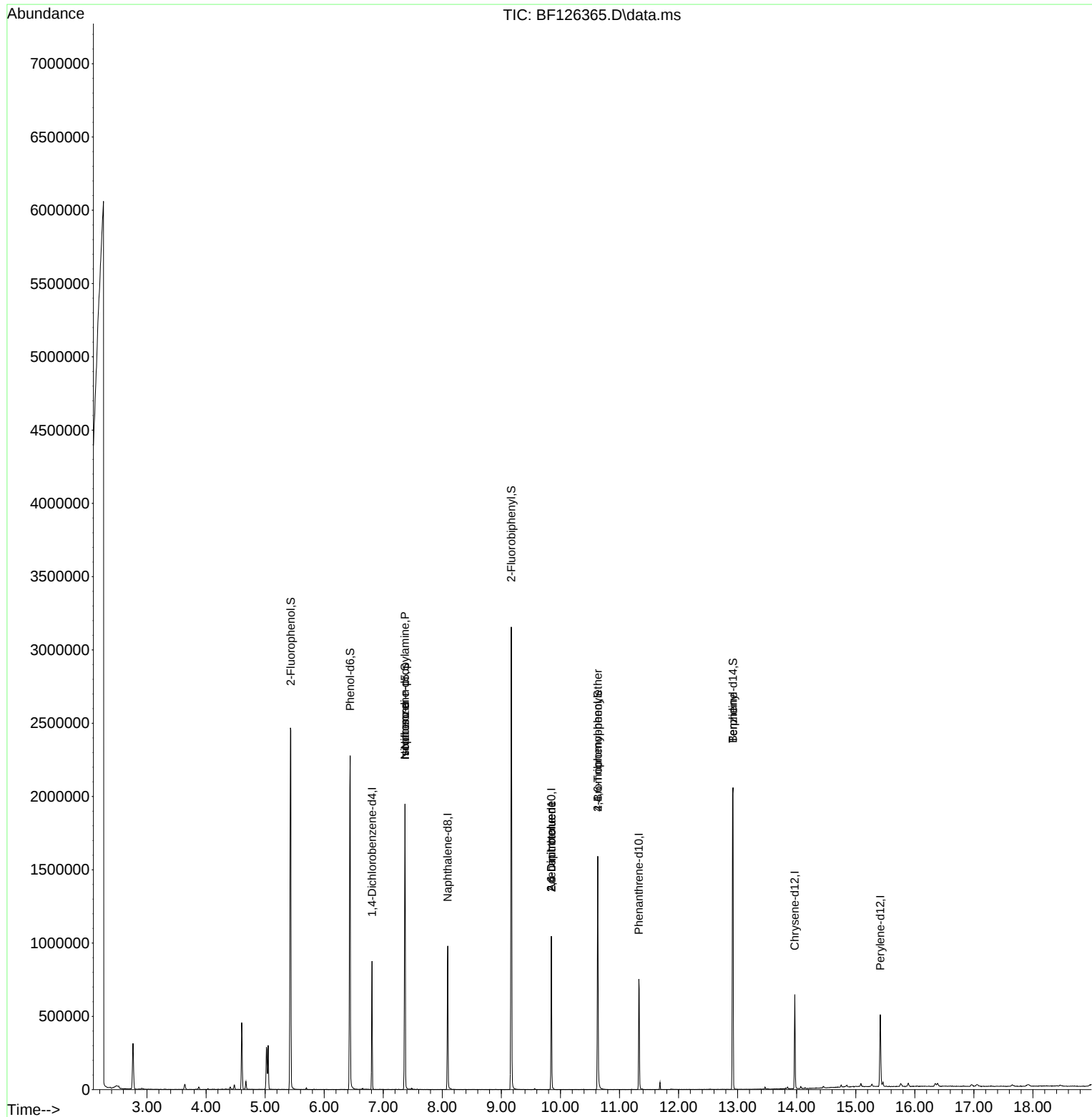
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	114673	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	470117	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	203007	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	288761	20.000	ng	#-0.01
76) Chrysene-d12	13.968	240	213691	20.000	ng	-0.01
86) Perylene-d12	15.415	264	213337	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	793764	101.936	ng	0.00
7) Phenol-d6	6.439	99	886899	89.701	ng	0.00
23) Nitrobenzene-d5	7.369	82	675569	77.828	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	191682	117.491	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	970084	83.810	ng	-0.01
79) Terphenyl-d14	12.921	244	739938	60.185	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	85662	14.113	ng	# 55
25) Isophorone	7.369	82	675562	41.213	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	25581	9.191	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	25581	7.205	ng	# 19
67) 4-Bromophenyl-phenylether	10.633	248	10214	3.769	ng	# 1
77) Benzidine	12.921	184	9061	2.690	ng	# 95

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

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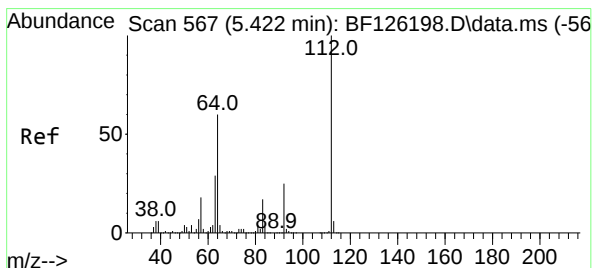
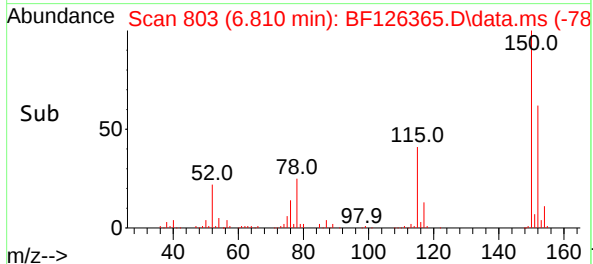
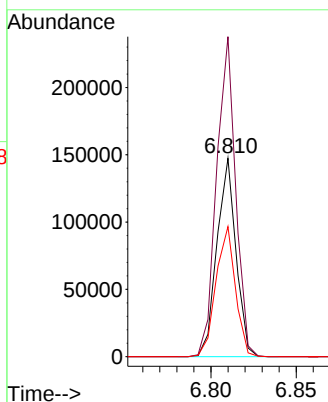
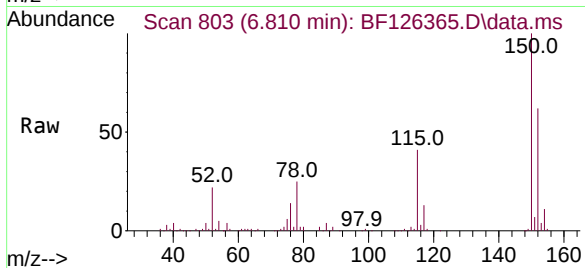




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126365.D
Acq: 27 Dec 2021 20:10

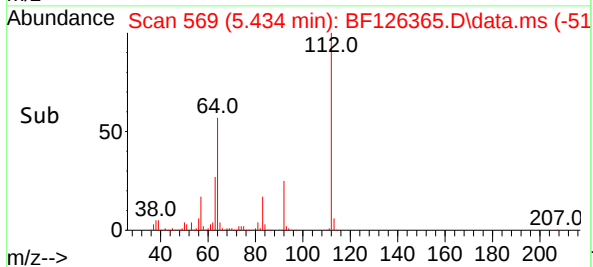
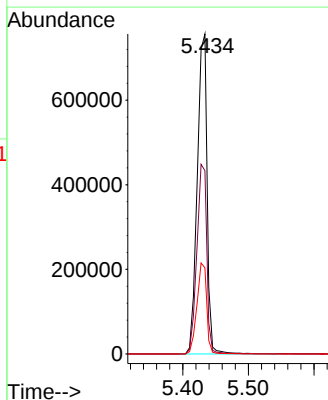
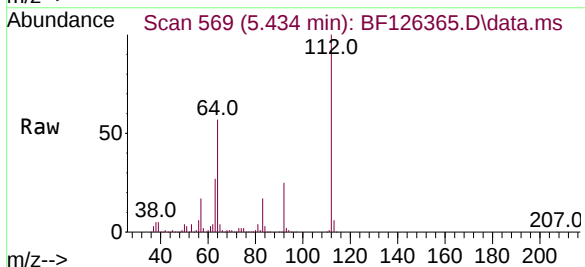
Instrument :
BNA_F
ClientSampleId :
UV-1WC

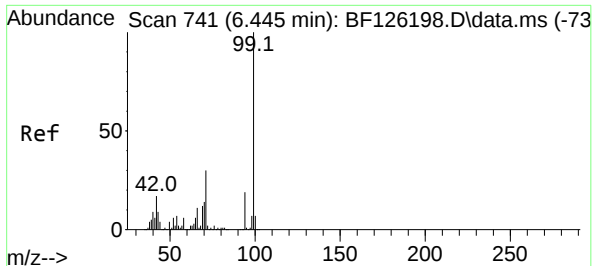
Tgt Ion:152 Resp: 114673
Ion Ratio Lower Upper
152 100
150 161.2 117.6 176.4
115 65.5 47.1 70.7



#5
2-Fluorophenol
Concen: 101.936 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF126365.D
Acq: 27 Dec 2021 20:10

Tgt Ion:112 Resp: 793764
Ion Ratio Lower Upper
112 100
64 57.3 44.2 66.2
63 26.9 26.2 39.2

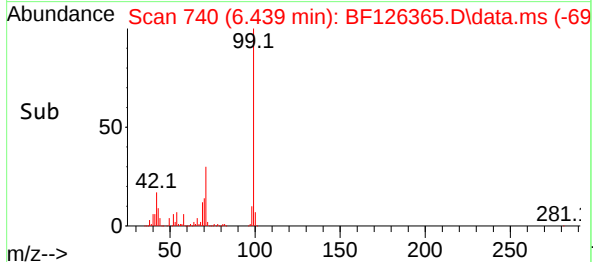
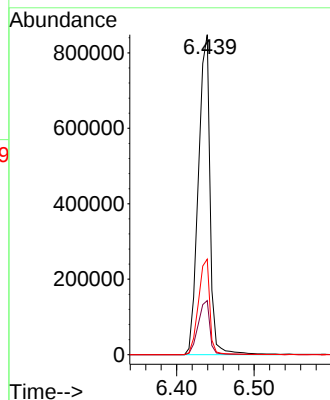
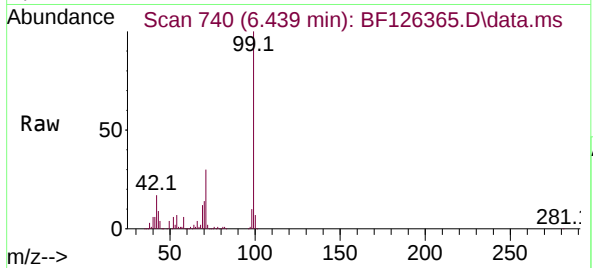




#7
Phenol-d6
Concen: 89.701 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126365.D
Acq: 27 Dec 2021 20:10

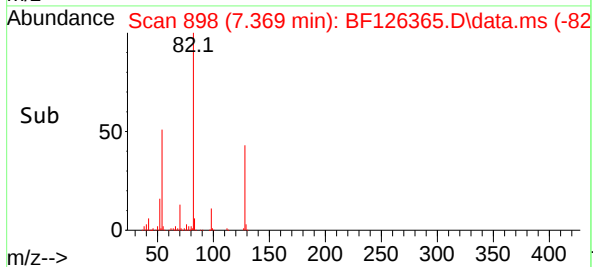
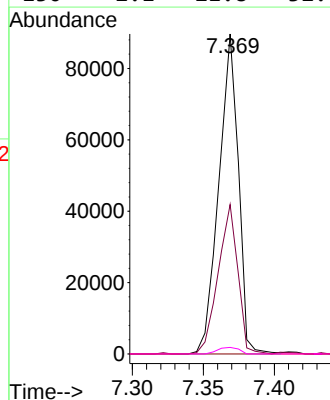
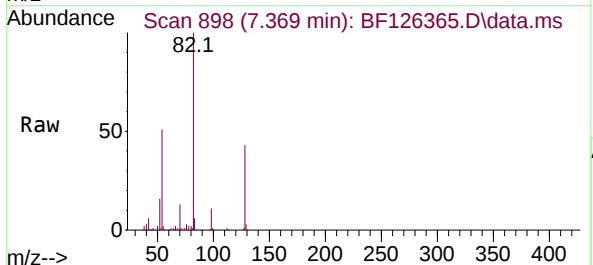
Instrument :
BNA_F
ClientSampleId :
UV-1WC

Tgt Ion: 99 Resp: 886899
Ion Ratio Lower Upper
99 100
42 16.9 23.5 35.3#
71 29.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.113 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF126365.D
Acq: 27 Dec 2021 20:10

Tgt Ion: 70 Resp: 85662
Ion Ratio Lower Upper
70 100
42 46.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#

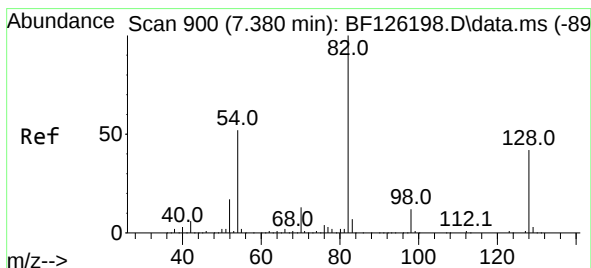
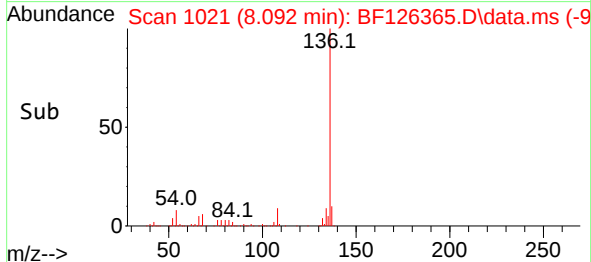
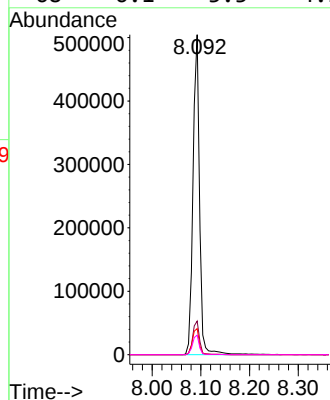
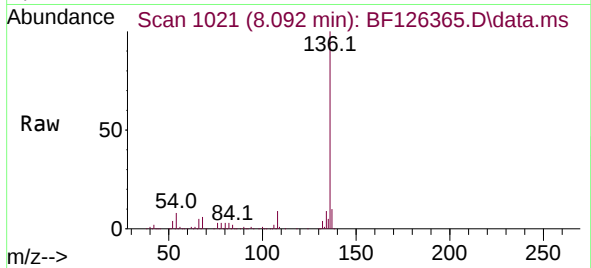




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126365.D
Acq: 27 Dec 2021 20:10

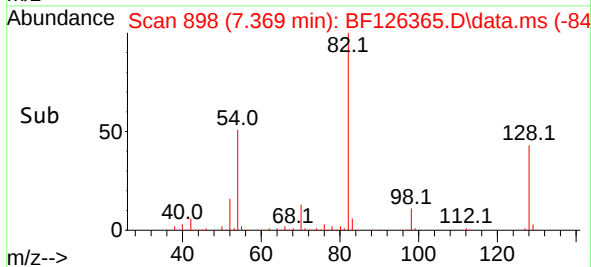
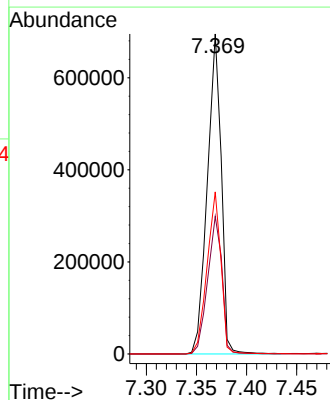
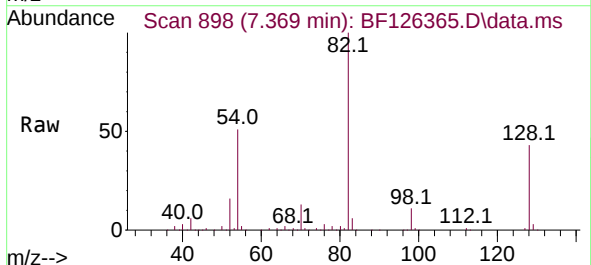
Instrument :
BNA_F
ClientSampleId :
UV-1WC

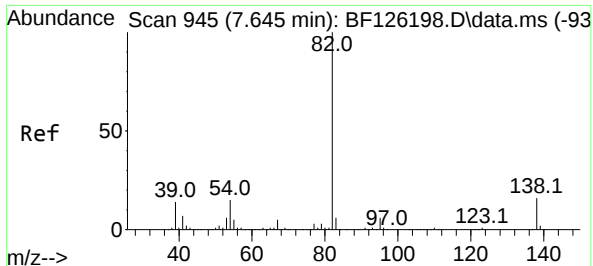
Tgt Ion:	136	Resp:	470117
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.8	14.6
54	8.1	6.4	9.6
68	6.1	3.3	4.9



#23
Nitrobenzene-d5
Concen: 77.828 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126365.D
Acq: 27 Dec 2021 20:10

Tgt Ion:	82	Resp:	675569
Ion Ratio	Lower	Upper	
82	100		
128	43.0	40.6	60.8
54	50.7	49.6	74.4

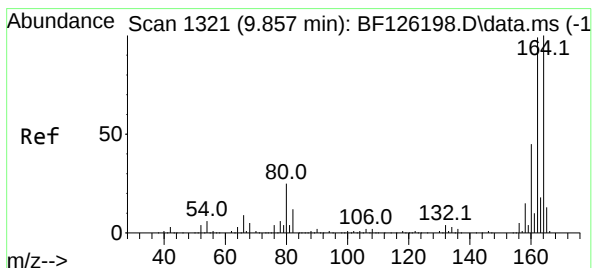
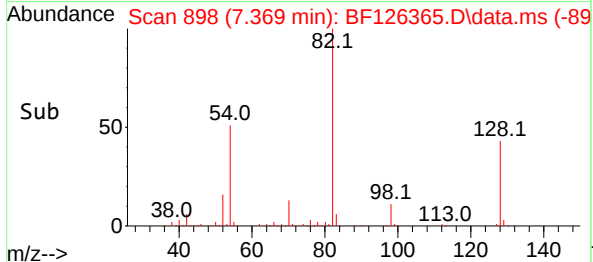
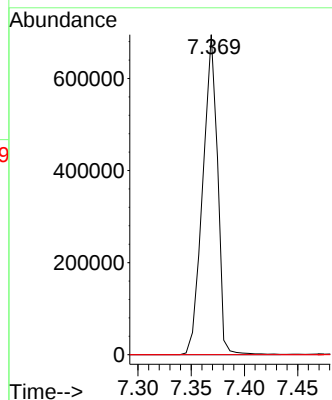
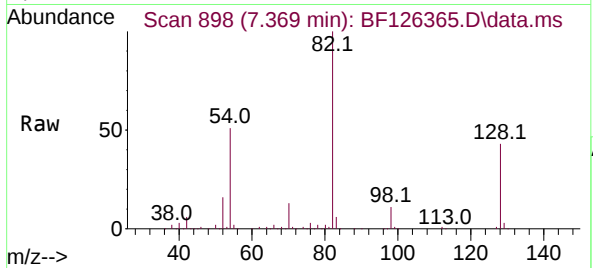




#25
Isophorone
Concen: 41.213 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF126365.D
Acq: 27 Dec 2021 20:10

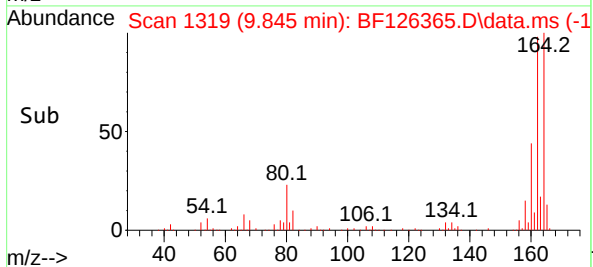
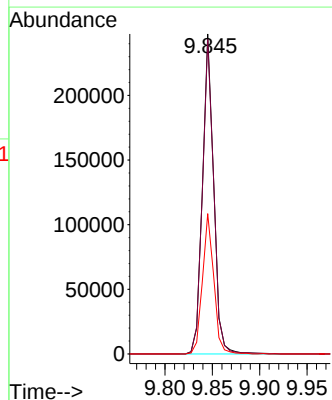
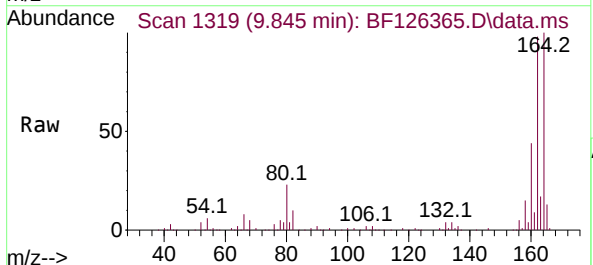
Instrument :
BNA_F
ClientSampleId :
UV-1WC

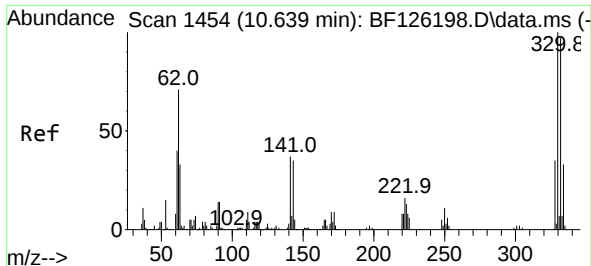
Tgt Ion: 82 Resp: 675562
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126365.D
Acq: 27 Dec 2021 20:10

Tgt Ion:164 Resp: 203007
Ion Ratio Lower Upper
164 100
162 98.2 81.3 121.9
160 43.8 38.0 57.0

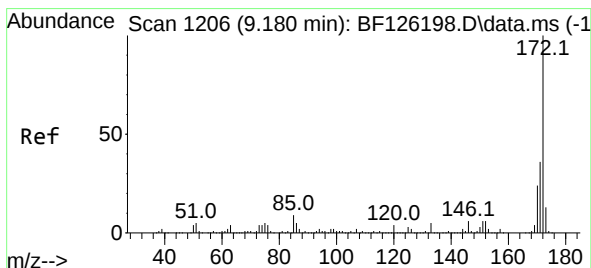
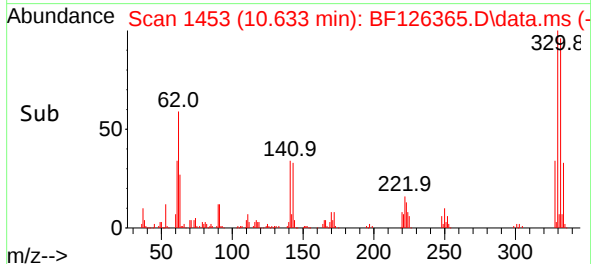
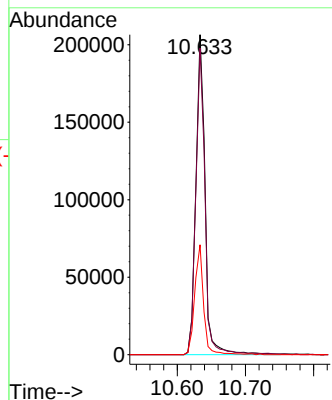
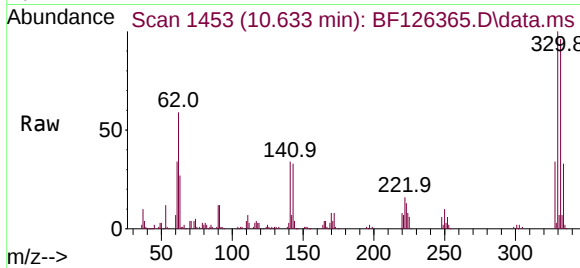




#42
2,4,6-Tribromophenol
Concen: 117.491 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF126365.D
Acq: 27 Dec 2021 20:10

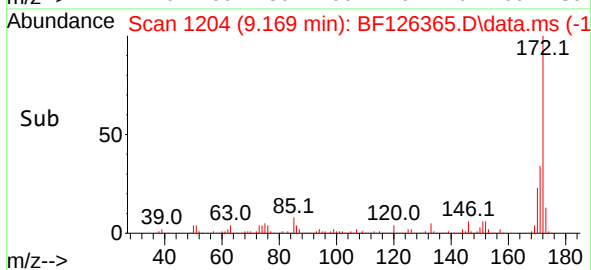
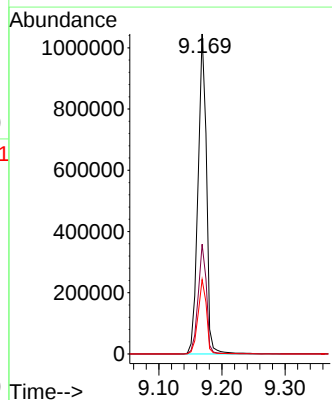
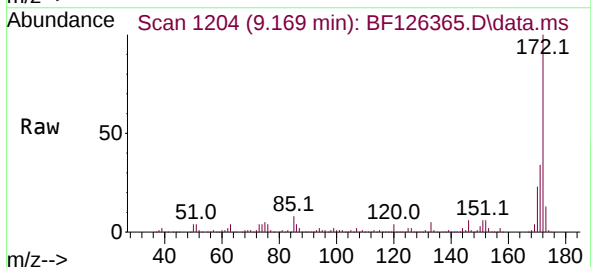
Instrument :
BNA_F
ClientSampleId :
UV-1WC

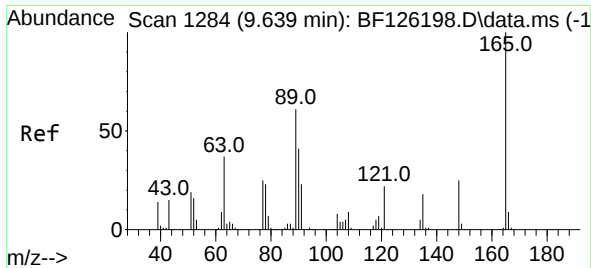
Tgt Ion:330 Resp: 191682
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 33.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 83.810 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF126365.D
Acq: 27 Dec 2021 20:10

Tgt Ion:172 Resp: 970084
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.3 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.191 ng

RT: 9.845 min Scan# 1319

Delta R.T. 0.206 min

Lab File: BF126365.D

Acq: 27 Dec 2021 20:10

Instrument :

BNA_F

ClientSampleId :

UV-1WC

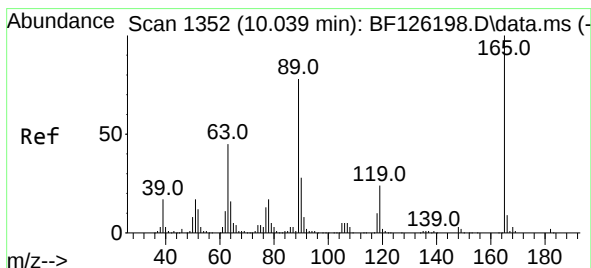
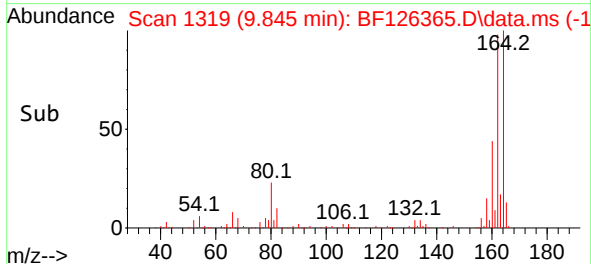
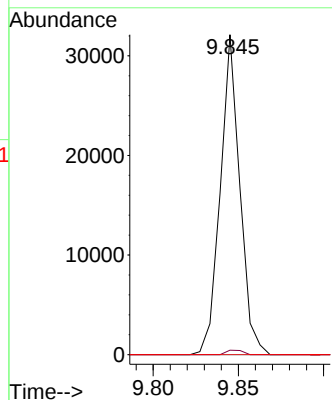
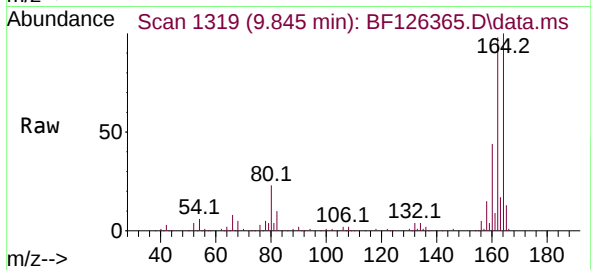
Tgt Ion:165 Resp: 25581

Ion Ratio Lower Upper

165 100

63 1.4 42.6 63.8#

89 0.0 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.205 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.194 min

Lab File: BF126365.D

Acq: 27 Dec 2021 20:10

Tgt Ion:165 Resp: 25581

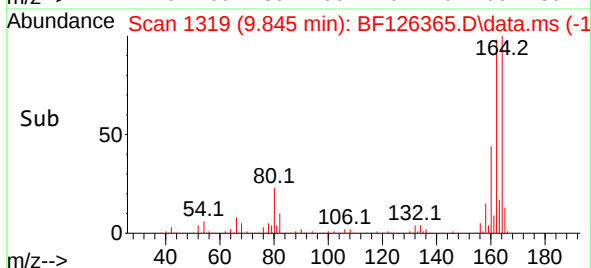
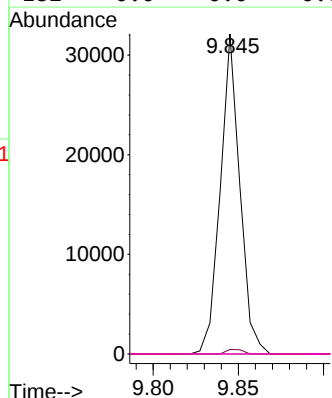
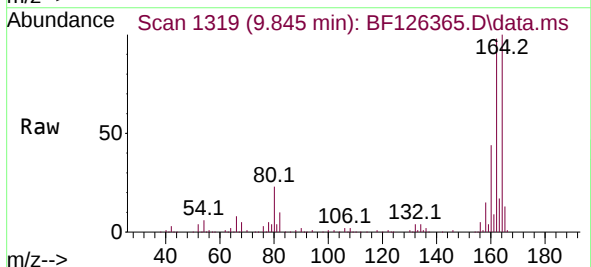
Ion Ratio Lower Upper

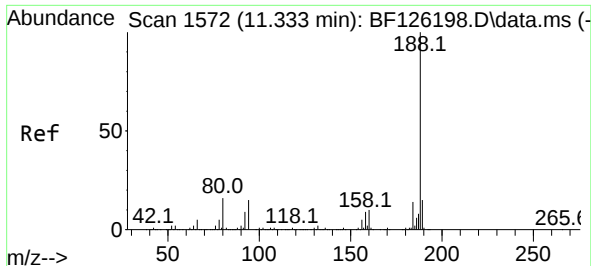
165 100

63 1.4 40.9 61.3#

89 0.0 59.7 89.5#

182 0.0 0.0 0.0

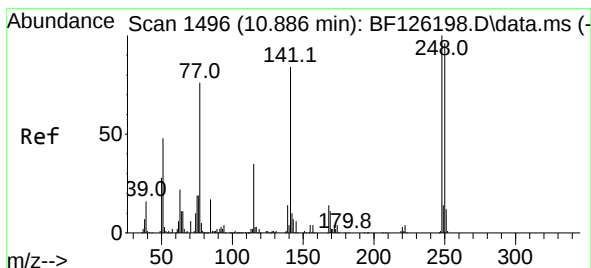
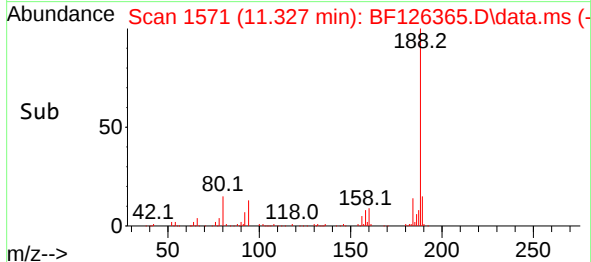
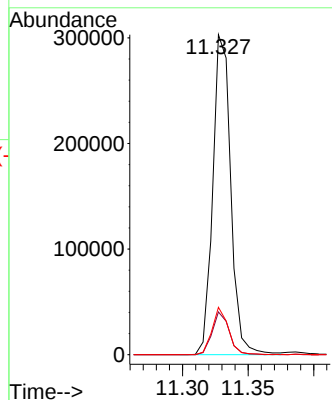
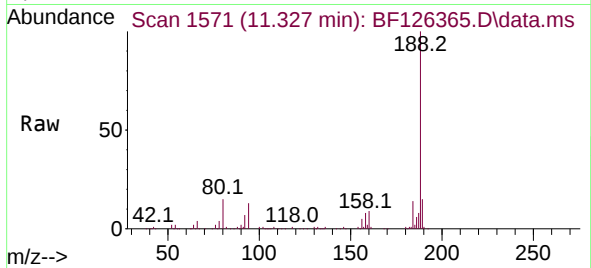




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126365.D
Acq: 27 Dec 2021 20:10

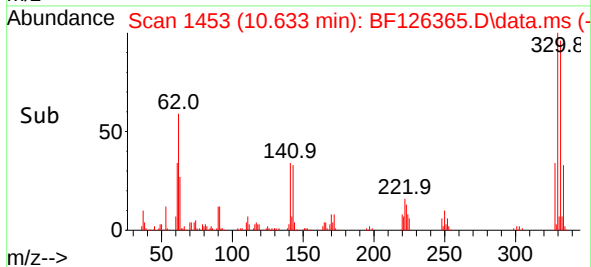
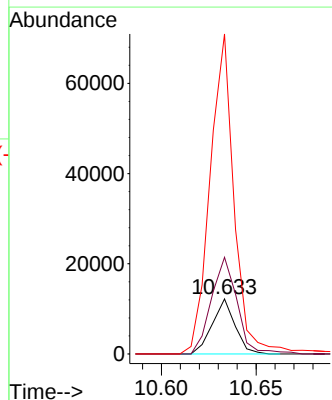
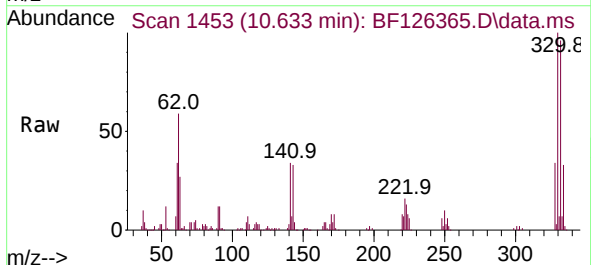
Instrument :
BNA_F
ClientSampleId :
UV-1WC

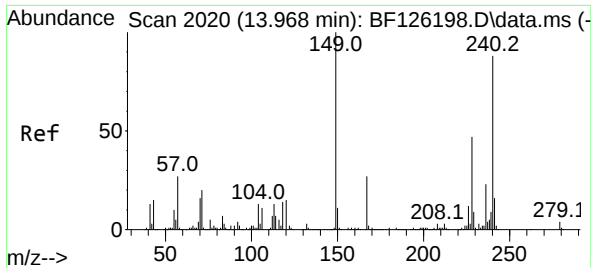
Tgt Ion:188 Resp: 288761
Ion Ratio Lower Upper
188 100
94 13.4 6.7 10.1#
80 14.8 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.769 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.253 min
Lab File: BF126365.D
Acq: 27 Dec 2021 20:10

Tgt Ion:248 Resp: 10214
Ion Ratio Lower Upper
248 100
250 175.7 74.2 111.4#
141 581.6 60.4 90.6#

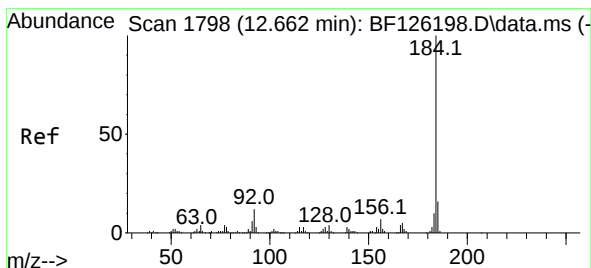
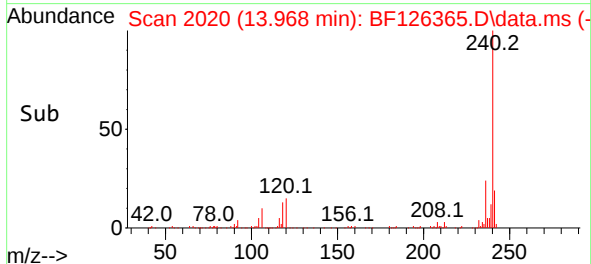
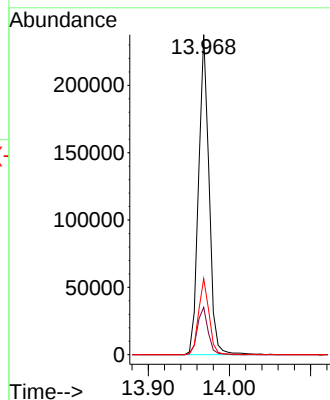
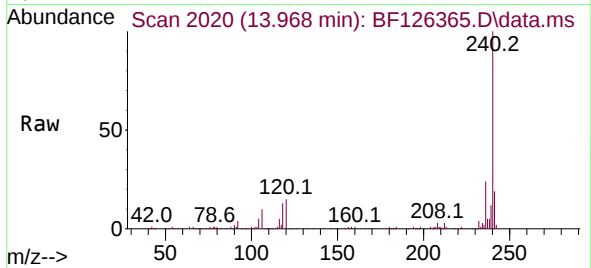




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126365.D
Acq: 27 Dec 2021 20:10

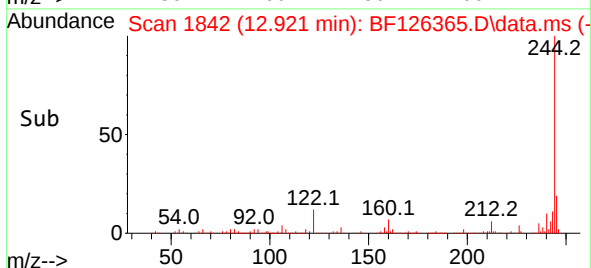
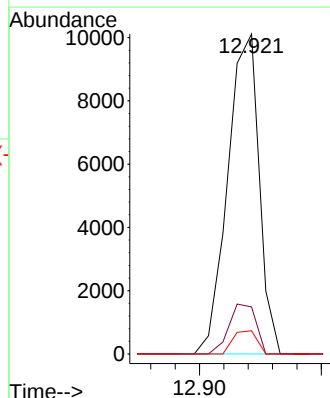
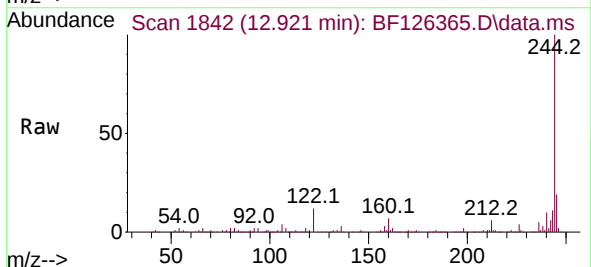
Instrument :
BNA_F
ClientSampleId :
UV-1WC

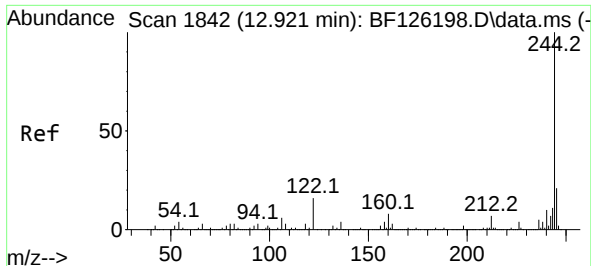
Tgt Ion:240 Resp: 213691
Ion Ratio Lower Upper
240 100
120 14.8 10.8 16.2
236 23.8 21.6 32.4



#77
Benzidine
Concen: 2.690 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.247 min
Lab File: BF126365.D
Acq: 27 Dec 2021 20:10

Tgt Ion:184 Resp: 9061
Ion Ratio Lower Upper
184 100
185 14.7 10.8 16.2
183 7.3 8.1 12.1#

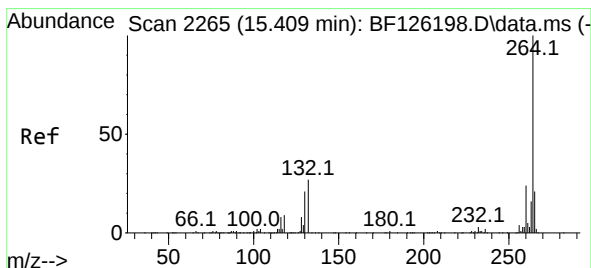
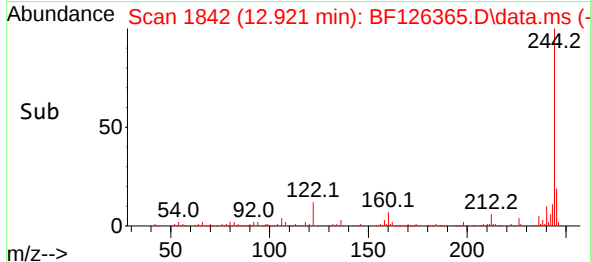
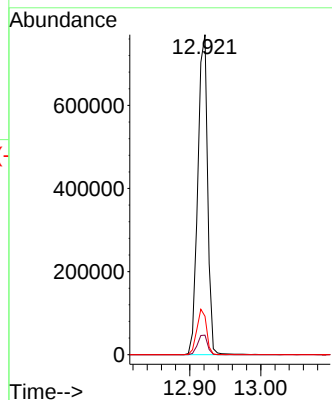
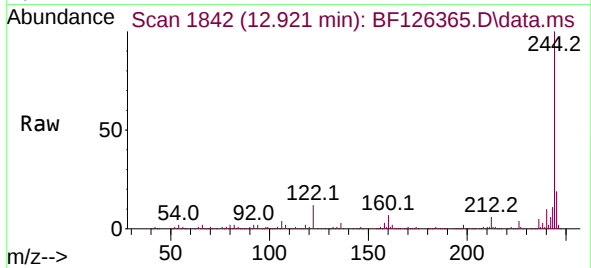




#79
 Terphenyl-d14
 Concen: 60.185 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF126365.D
 Acq: 27 Dec 2021 20:10

Instrument :
 BNA_F
 ClientSampleId :
 UV-1WC

Tgt Ion:244 Resp: 739938
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.9 8.9
 122 12.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.012 min
 Lab File: BF126365.D
 Acq: 27 Dec 2021 20:10

Tgt Ion:264 Resp: 213337
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.6 29.4
 265 21.6 17.2 25.8

