

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126228.D
 Acq On : 17 Dec 2021 11:08
 Operator : JU/CG
 Sample : PB141306BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 17 12:15:11 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)

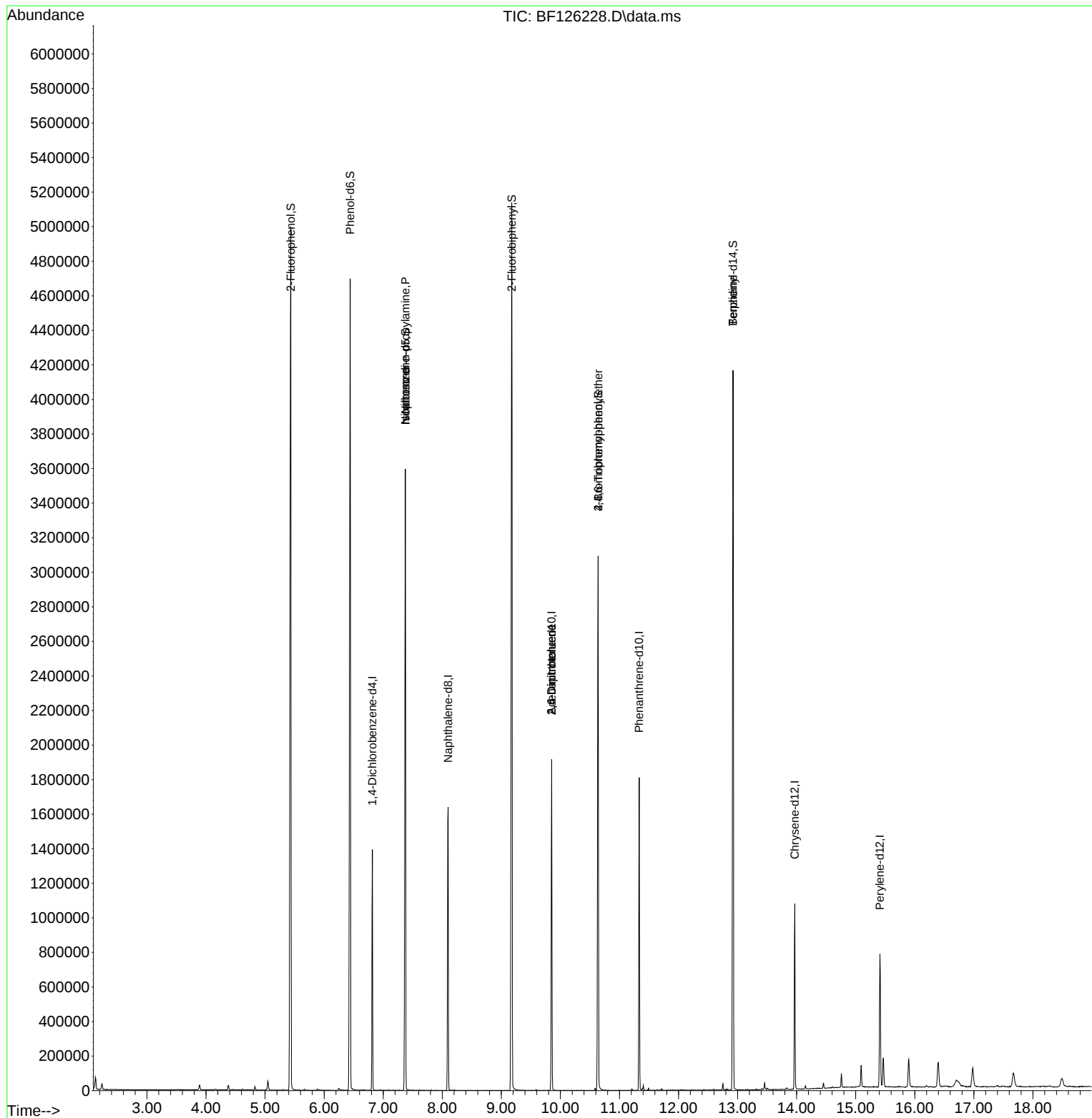
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	184989	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	804231	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	372948	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	576182	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	329380	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	317193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1586528	126.299	ng	0.01
7) Phenol-d6	6.440	99	1993408	124.978	ng	0.00
23) Nitrobenzene-d5	7.375	82	1304276	87.834	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	372794	124.382	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1799369	84.620	ng	0.00
79) Terphenyl-d14	12.922	244	1457701	76.922	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	167835	17.141	ng	# 56
25) Isophorone	7.375	82	1239394	44.198	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	46462	9.086	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	46462	7.123	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	20625	3.814	ng	# 1
77) Benzidine	12.922	184	17403	3.351	ng	# 93

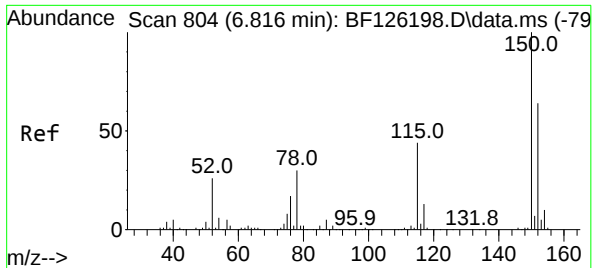
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126228.D
Acq On : 17 Dec 2021 11:08
Operator : JU/CG
Sample : PB141306BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 17 12:15:11 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

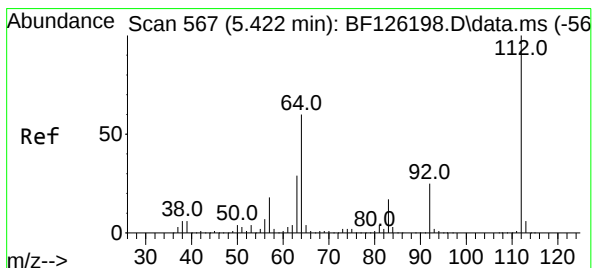
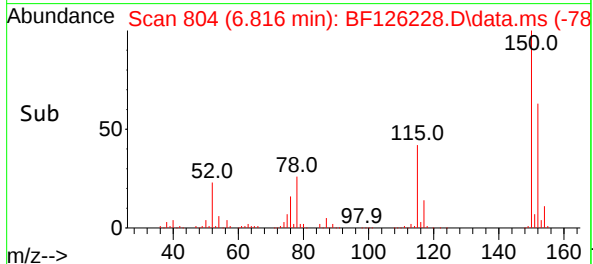
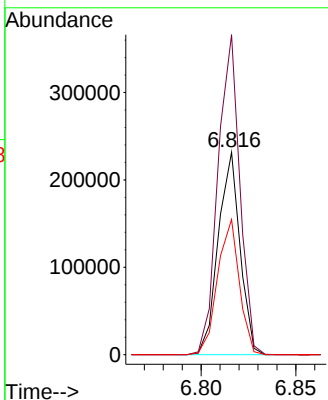
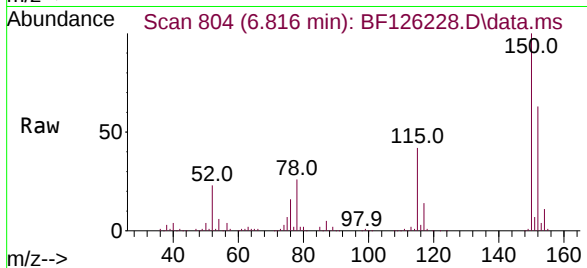




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126228.D
Acq: 17 Dec 2021 11:08

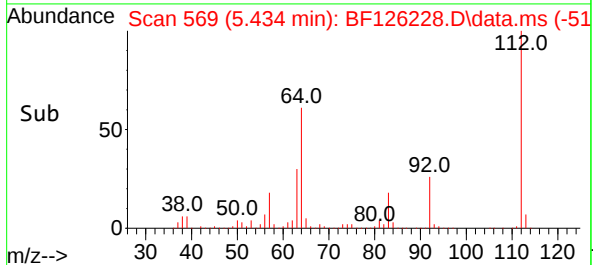
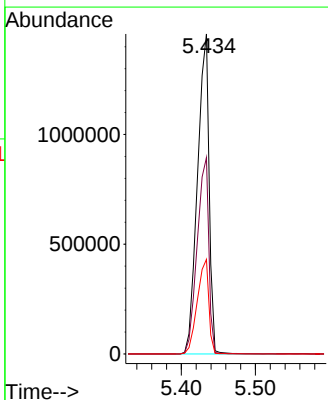
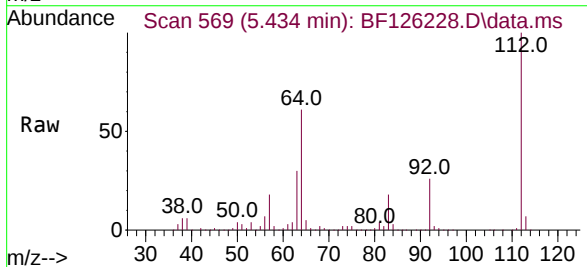
Instrument :
BNA_M
ClientSampleId :

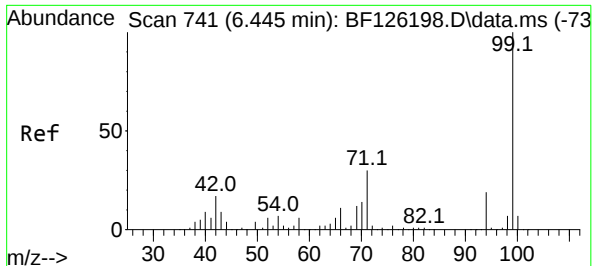
Tgt Ion:152 Resp: 184989
Ion Ratio Lower Upper
152 100
150 158.1 117.6 176.4
115 66.8 47.1 70.7



#5
2-Fluorophenol
Concen: 126.299 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126228.D
Acq: 17 Dec 2021 11:08

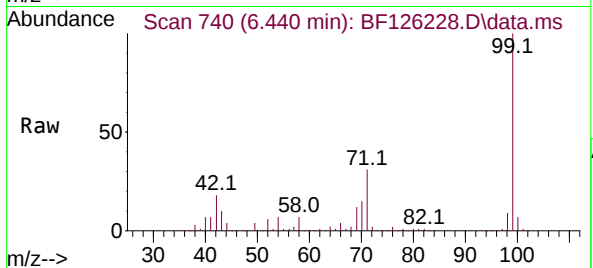
Tgt Ion:112 Resp: 1586528
Ion Ratio Lower Upper
112 100
64 61.4 44.2 66.2
63 29.6 26.2 39.2



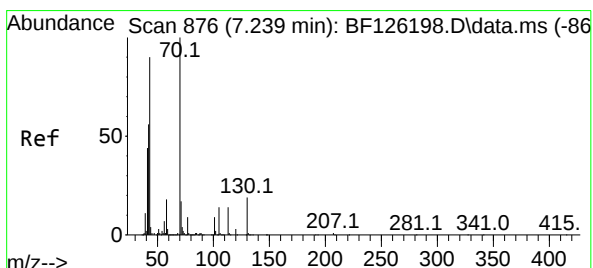
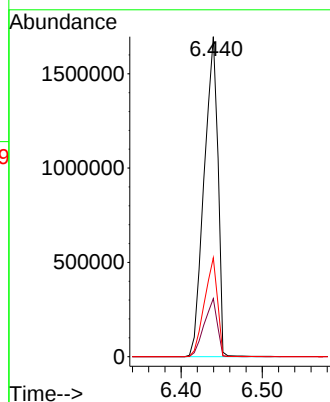
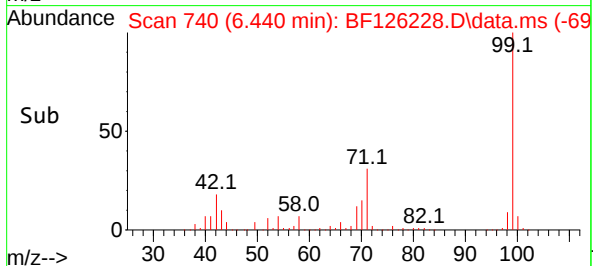


#7
Phenol-d6
Concen: 124.978 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126228.D
Acq: 17 Dec 2021 11:08

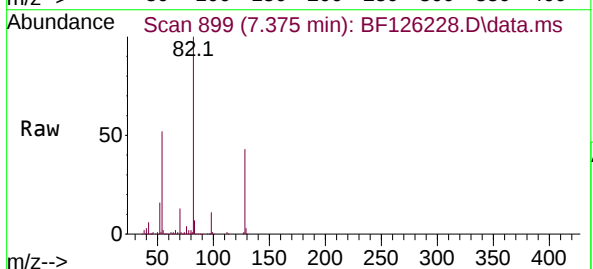
Instrument :
BNA_M
ClientSampleId :



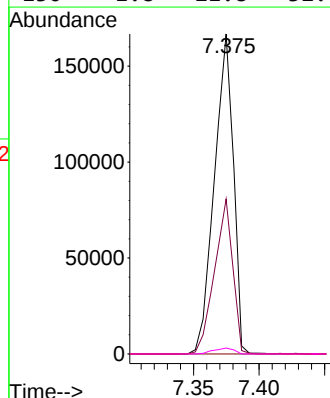
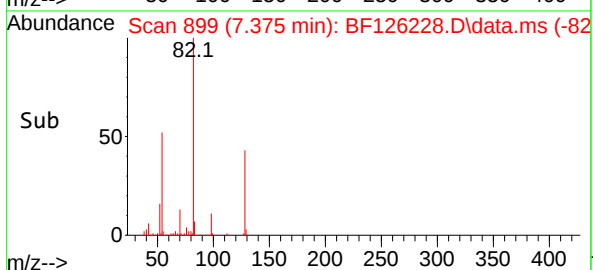
Tgt Ion: 99 Resp: 1993408
Ion Ratio Lower Upper
99 100
42 18.2 23.5 35.3#
71 30.9 25.6 38.4

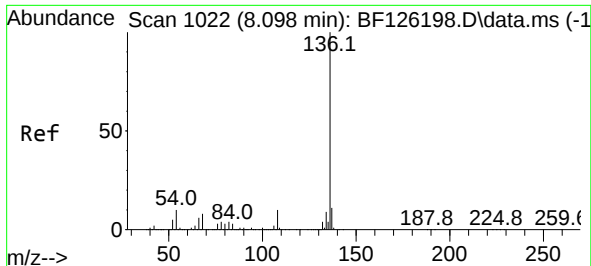


#19
n-Nitroso-di-n-propylamine
Concen: 17.141 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.136 min
Lab File: BF126228.D
Acq: 17 Dec 2021 11:08



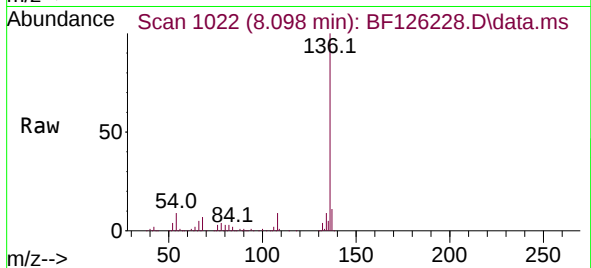
Tgt Ion: 70 Resp: 167835
Ion Ratio Lower Upper
70 100
42 48.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#





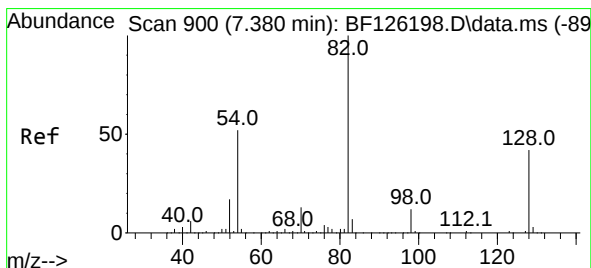
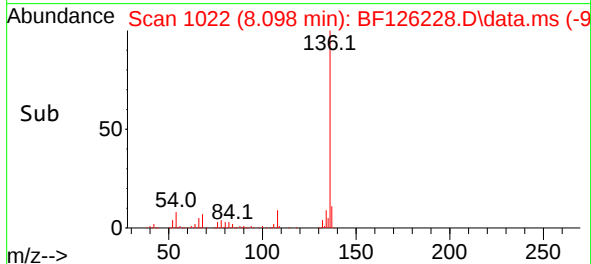
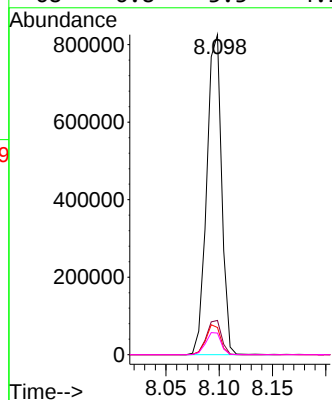
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126228.D
Acq: 17 Dec 2021 11:08

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:136 Resp: 804231

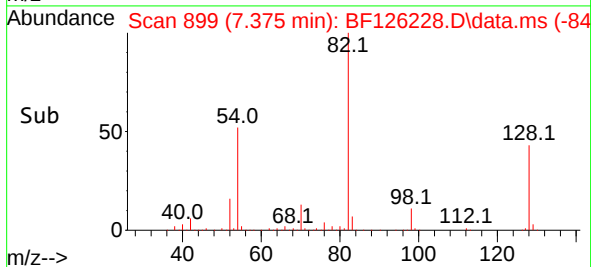
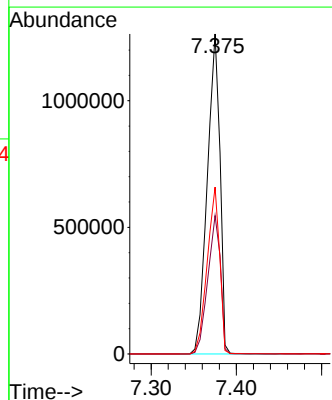
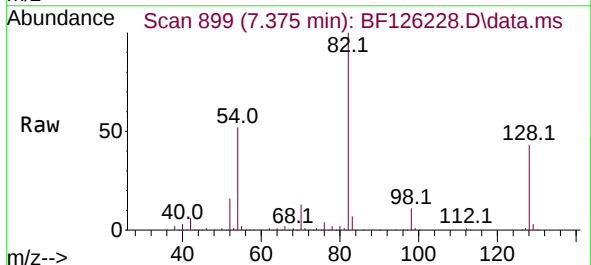
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	8.5	6.4	9.6
68	6.8	3.3	4.9

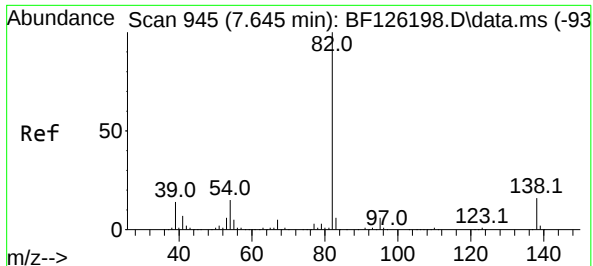


#23
Nitrobenzene-d5
Concen: 87.834 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126228.D
Acq: 17 Dec 2021 11:08

Tgt Ion: 82 Resp: 1304276

Ion	Ratio	Lower	Upper
82	100		
128	43.2	40.6	60.8
54	52.1	49.6	74.4

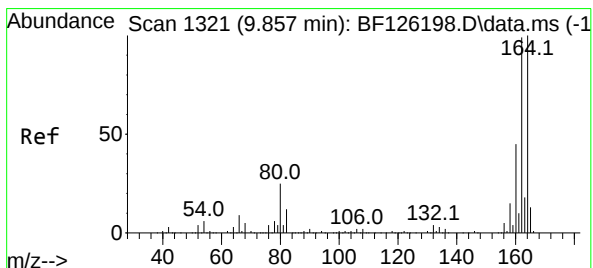
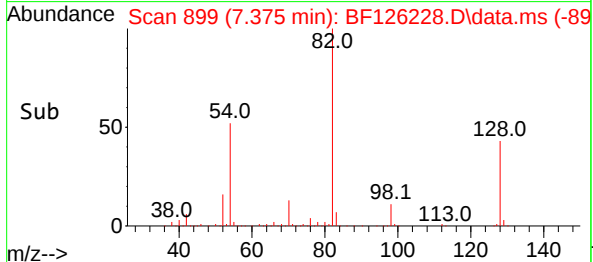
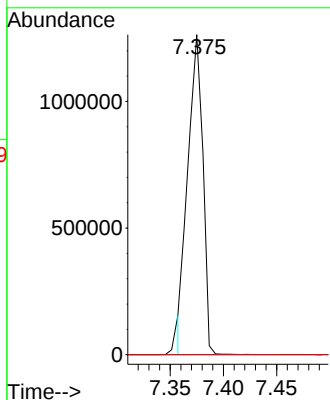
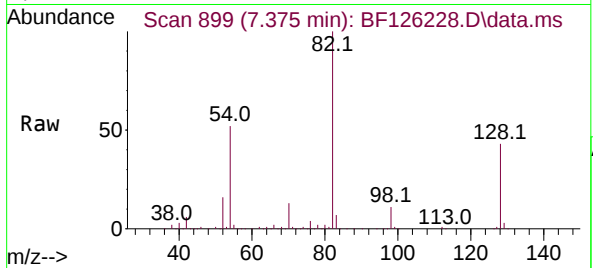




#25
Isophorone
Concen: 44.198 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.270 min
Lab File: BF126228.D
Acq: 17 Dec 2021 11:08

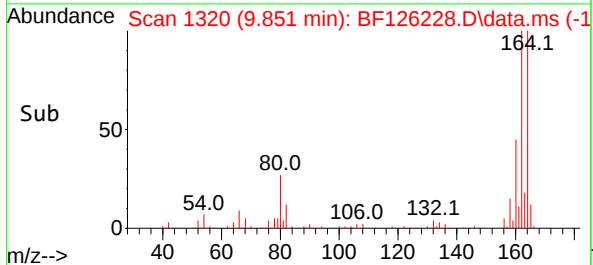
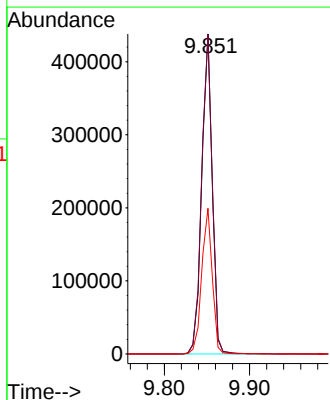
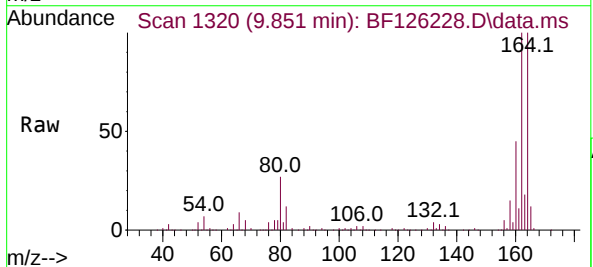
Instrument :
BNA_M
ClientSampleId :

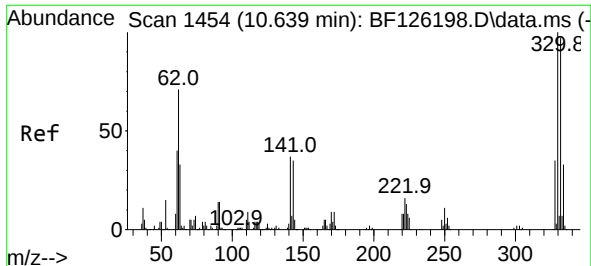
Tgt Ion: 82 Resp: 1239394
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126228.D
Acq: 17 Dec 2021 11:08

Tgt Ion:164 Resp: 372948
Ion Ratio Lower Upper
164 100
162 99.9 81.3 121.9
160 45.5 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 124.382 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

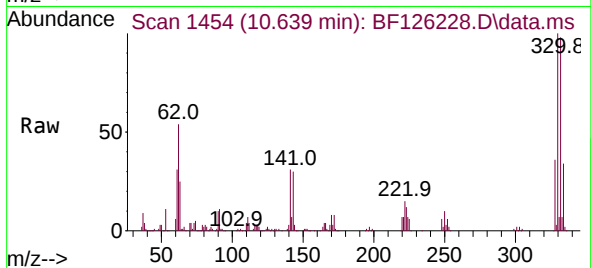
Lab File: BF126228.D

Acq: 17 Dec 2021 11:08

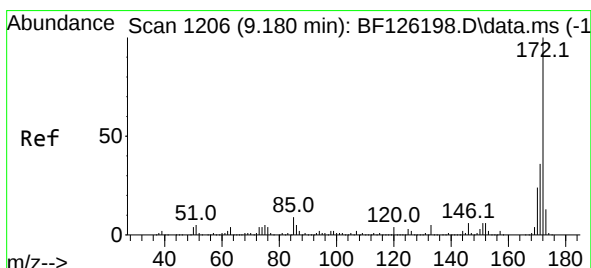
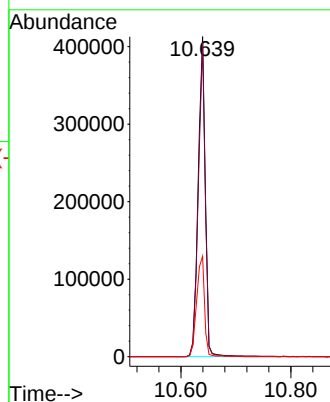
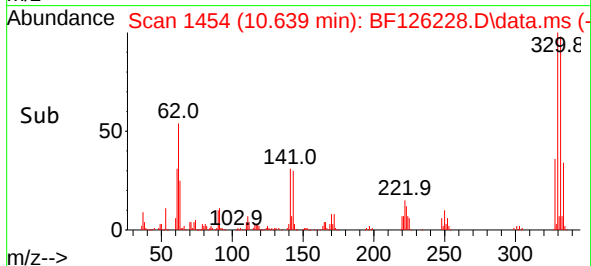
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	330	Resp:	372794
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.2	114.4
141	34.5	44.6	66.8



#45

2-Fluorobiphenyl

Concen: 84.620 ng

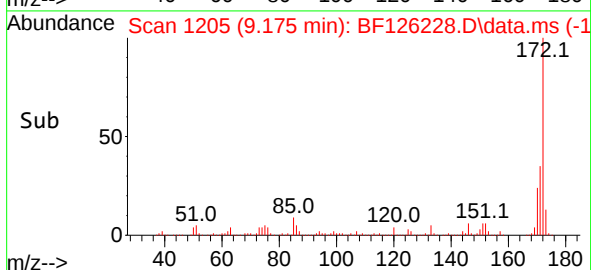
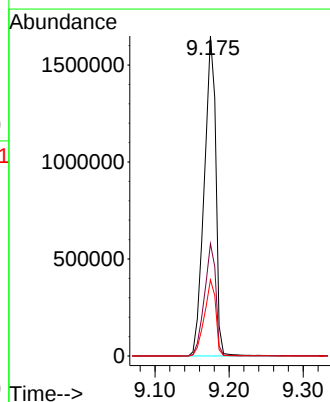
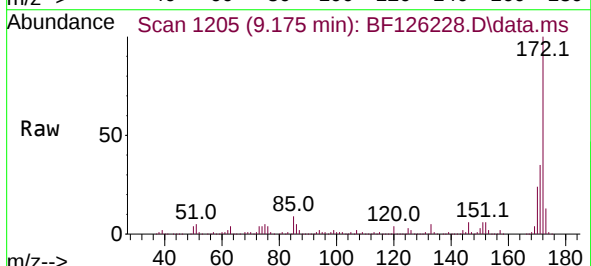
RT: 9.175 min Scan# 1205

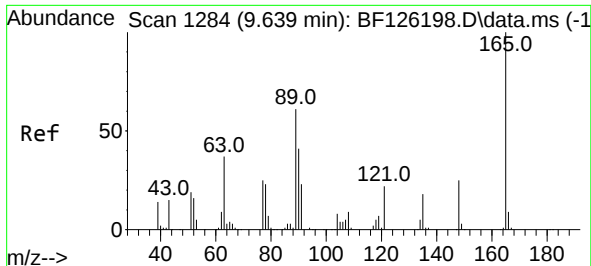
Delta R.T. -0.006 min

Lab File: BF126228.D

Acq: 17 Dec 2021 11:08

Tgt Ion:	172	Resp:	1799369
Ion Ratio	Lower	Upper	
172	100		
171	35.1	26.5	39.7
170	23.8	18.8	28.2

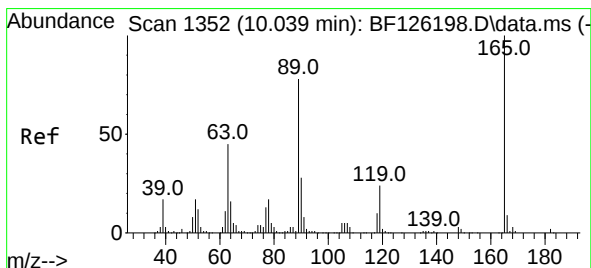
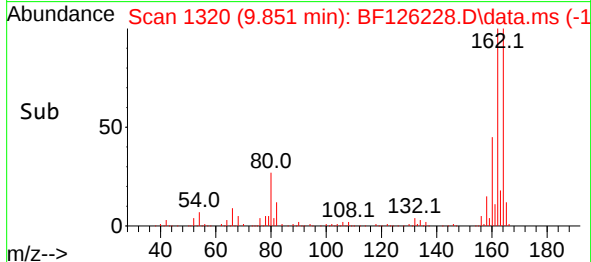
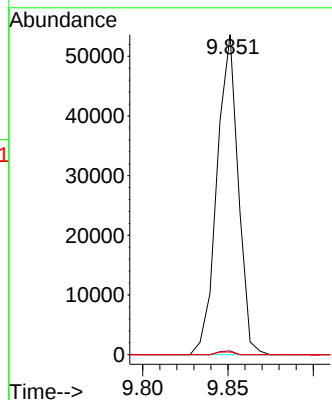
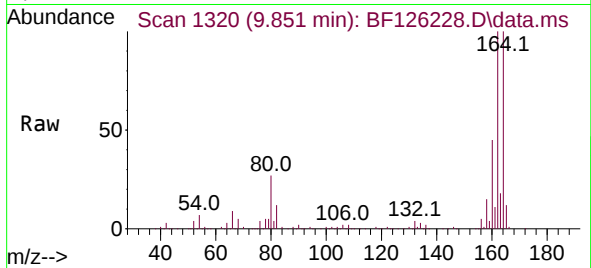




#51
2,6-Dinitrotoluene
Concen: 9.086 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126228.D
Acq: 17 Dec 2021 11:08

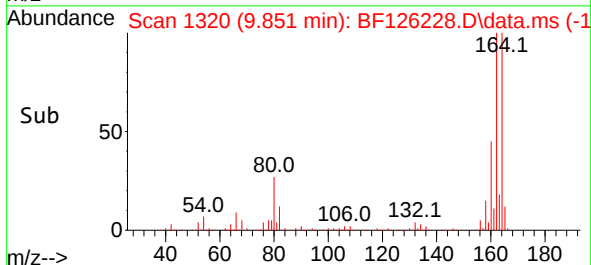
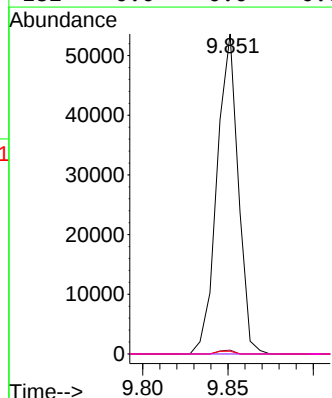
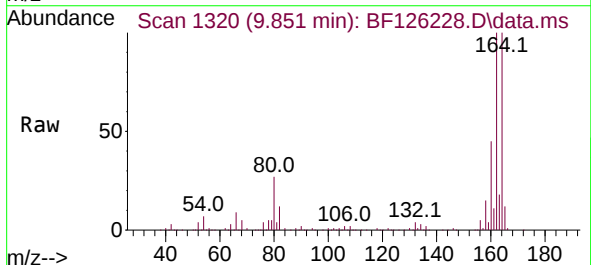
Instrument :
BNA_M
ClientSampleId :

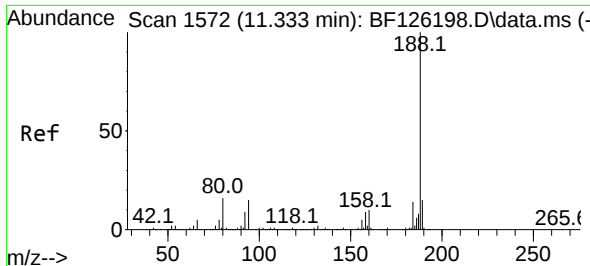
Tgt Ion:165 Resp: 46462
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.123 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126228.D
Acq: 17 Dec 2021 11:08

Tgt Ion:165 Resp: 46462
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

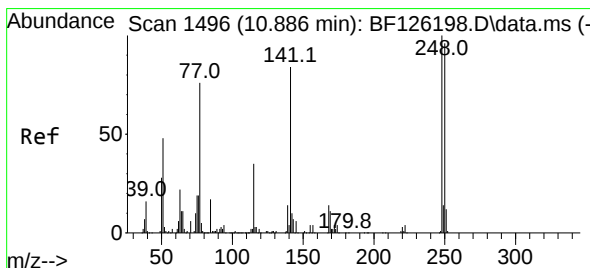
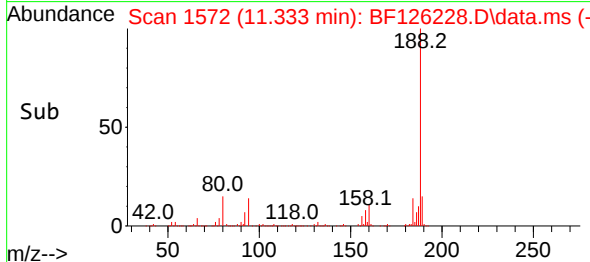
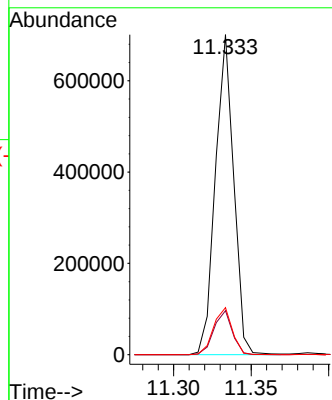
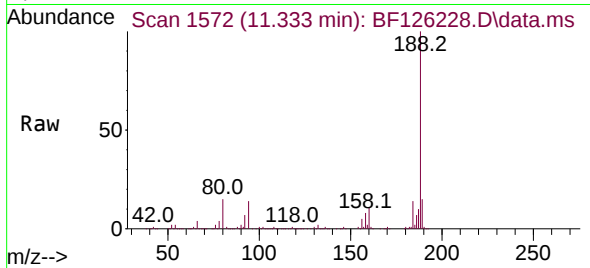




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126228.D
Acq: 17 Dec 2021 11:08

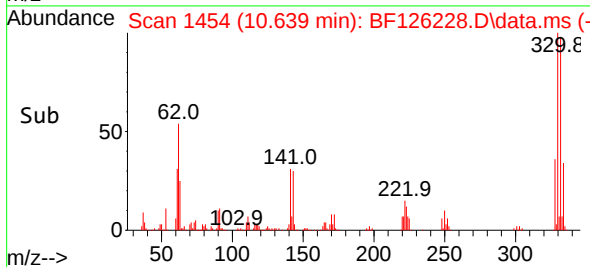
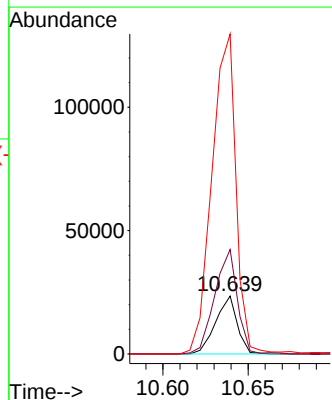
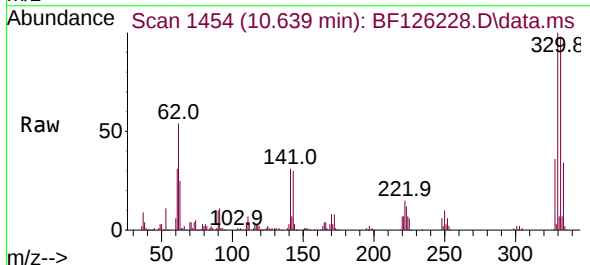
Instrument :
BNA_M
ClientSampleId :

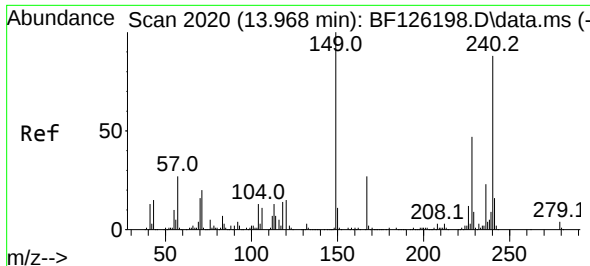
Tgt Ion:188 Resp: 576182
Ion Ratio Lower Upper
188 100
94 13.8 6.7 10.1#
80 14.7 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.814 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126228.D
Acq: 17 Dec 2021 11:08

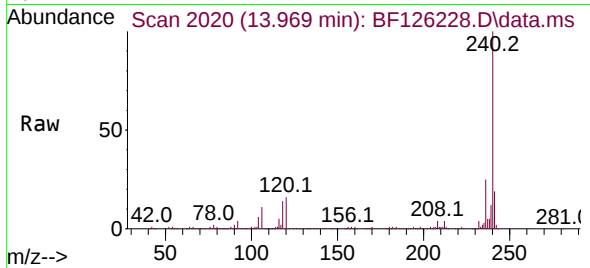
Tgt Ion:248 Resp: 20625
Ion Ratio Lower Upper
248 100
250 180.2 74.2 111.4#
141 552.1 60.4 90.6#



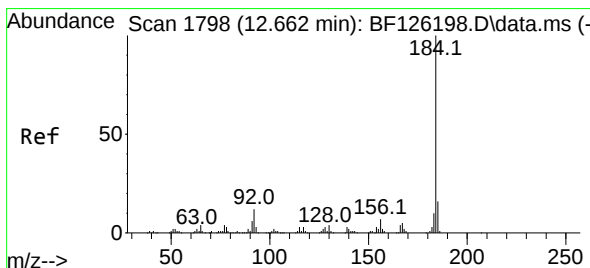
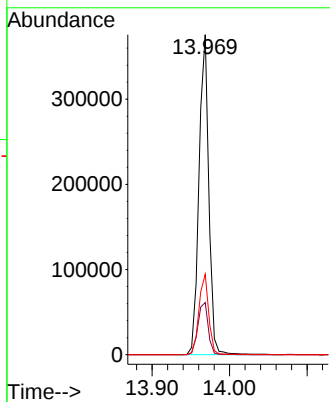
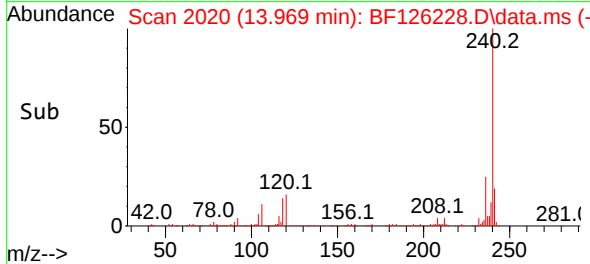


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126228.D
Acq: 17 Dec 2021 11:08

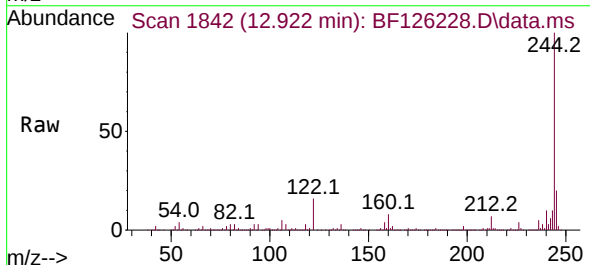
Instrument :
BNA_M
ClientSampleId :



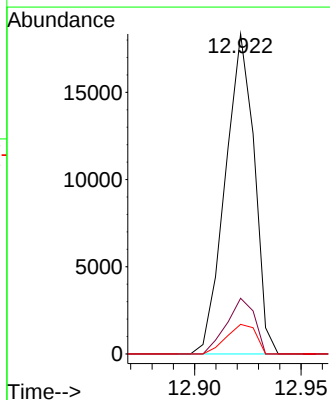
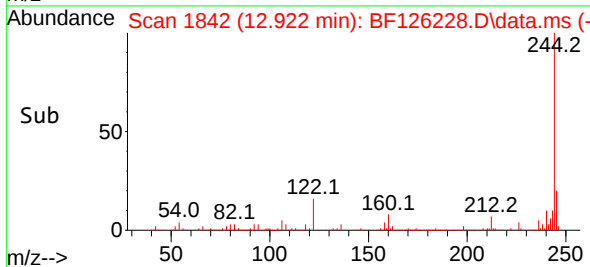
Tgt Ion:240 Resp: 329380
Ion Ratio Lower Upper
240 100
120 16.3 10.8 16.2#
236 25.1 21.6 32.4

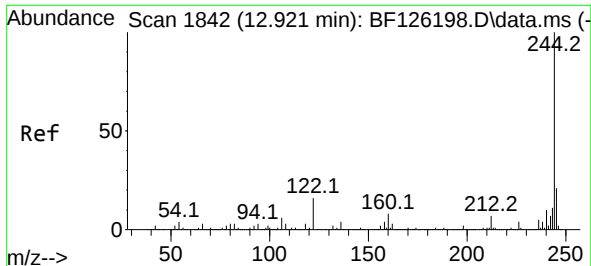


#77
Benzidine
Concen: 3.351 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.259 min
Lab File: BF126228.D
Acq: 17 Dec 2021 11:08



Tgt Ion:184 Resp: 17403
Ion Ratio Lower Upper
184 100
185 17.4 10.8 16.2#
183 9.2 8.1 12.1

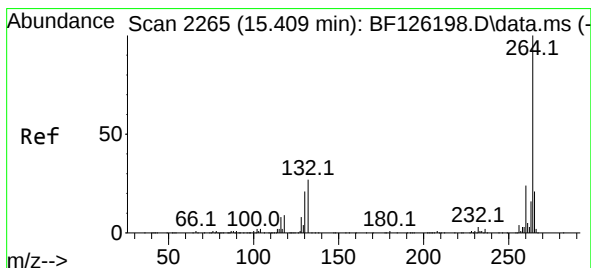
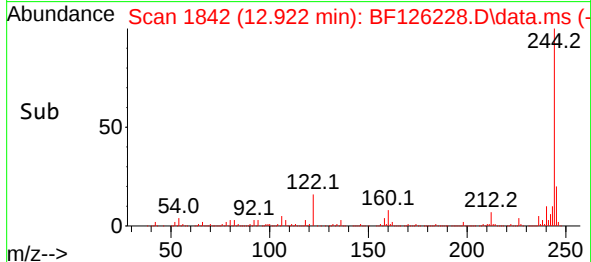
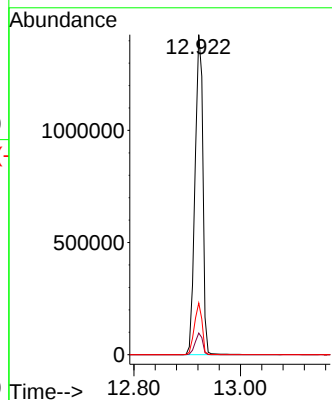
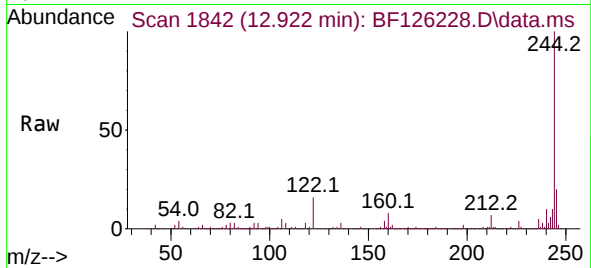




#79
 Terphenyl-d14
 Concen: 76.922 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126228.D
 Acq: 17 Dec 2021 11:08

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:244 Resp: 1457701
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 16.2 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126228.D
 Acq: 17 Dec 2021 11:08

Tgt Ion:264 Resp: 317193
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 21.4 17.2 25.8

