

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126316.D
 Acq On : 22 Dec 2021 1:27
 Operator : JU/CG
 Sample : M5184-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:24:19 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)

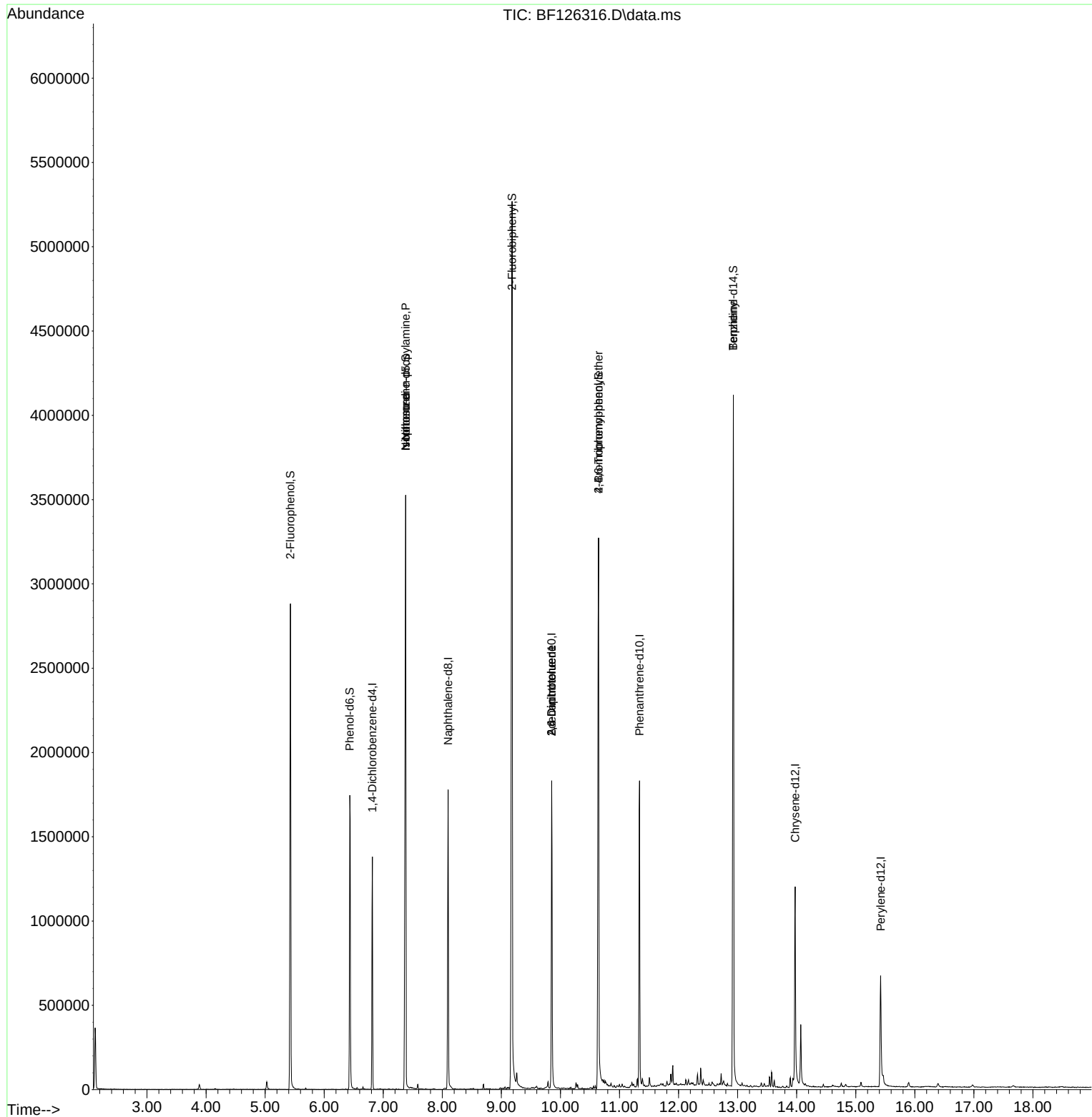
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	192267	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	839378	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	416074	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	682179	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	474427	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	354837	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	818666	62.705	ng	0.00
7) Phenol-d6	6.434	99	674686	40.699	ng	-0.01
23) Nitrobenzene-d5	7.381	82	1463909	94.456	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	499847	149.487	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2048003	86.330	ng	0.00
79) Terphenyl-d14	12.927	244	1620210	59.358	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	189559	18.626	ng	# 54
25) Isophorone	7.381	82	1392527	47.580	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	53604	9.396	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	53758	7.387	ng	# 19
67) 4-Bromophenyl-phenylether	10.645	248	24247	3.787	ng	# 1
77) Benzidine	12.927	184	19435	2.598	ng	95

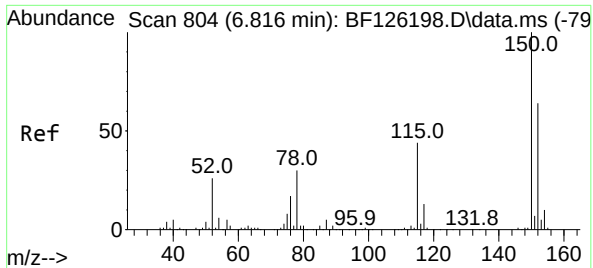
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
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Misc :
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Instrument :
BNA_F
ClientSampleId :

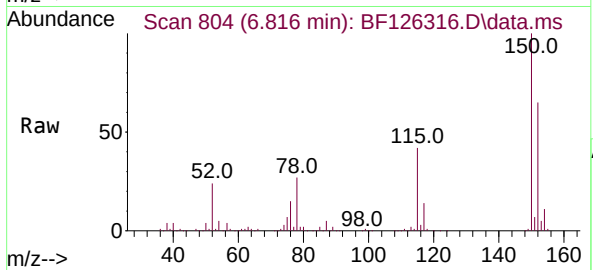
Quant Time: Dec 22 05:24:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



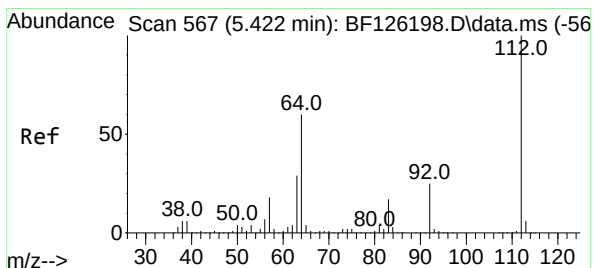
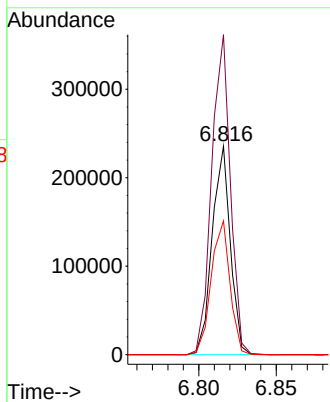
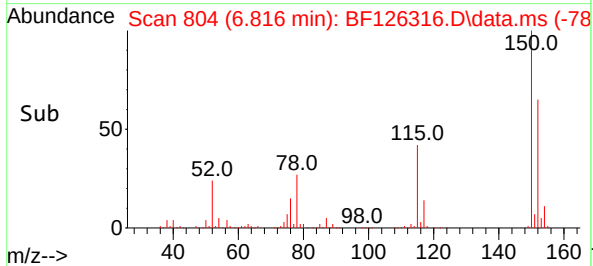


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF126316.D
 Acq: 22 Dec 2021 1:27

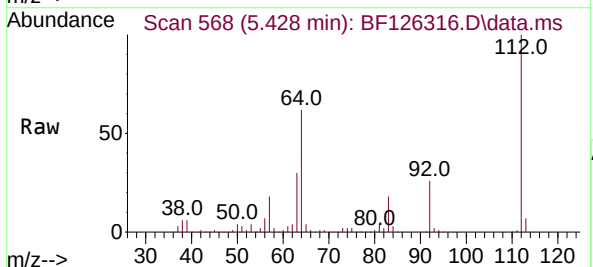
Instrument :
 BNA_F
 ClientSampleId :



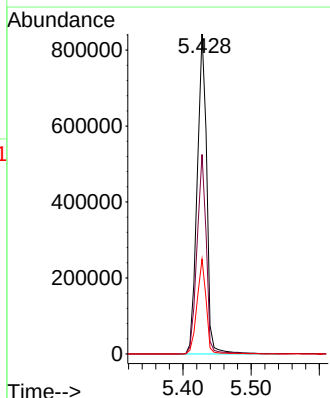
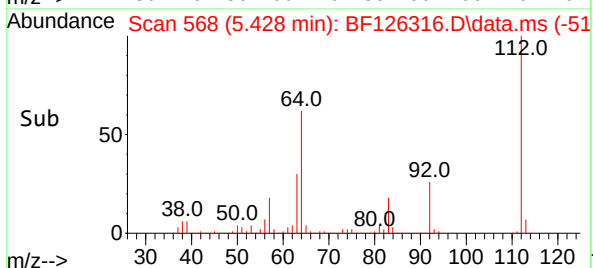
Tgt Ion:152 Resp: 192267
 Ion Ratio Lower Upper
 152 100
 150 153.5 117.6 176.4
 115 64.2 47.1 70.7

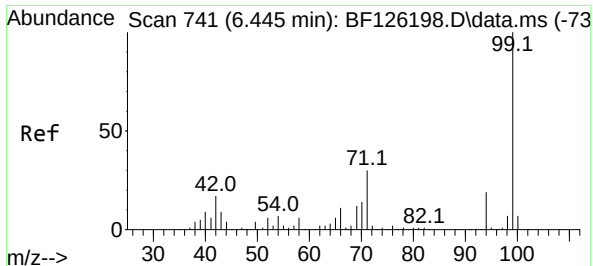


#5
 2-Fluorophenol
 Concen: 62.705 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF126316.D
 Acq: 22 Dec 2021 1:27



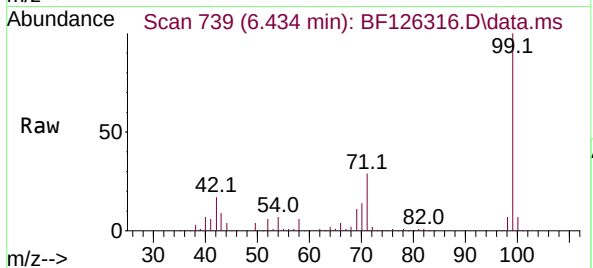
Tgt Ion:112 Resp: 818666
 Ion Ratio Lower Upper
 112 100
 64 62.4 44.2 66.2
 63 29.7 26.2 39.2



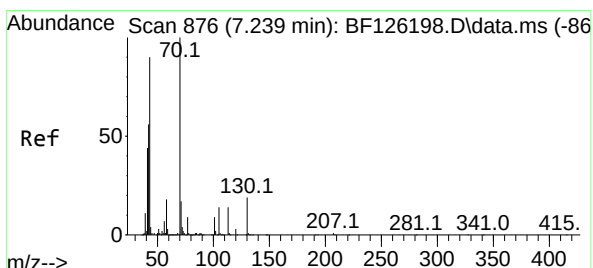
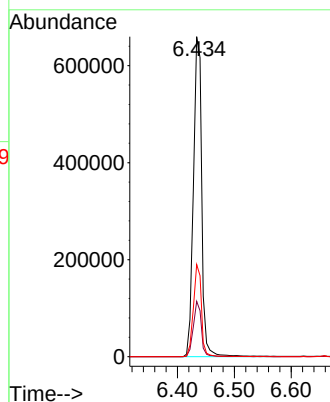
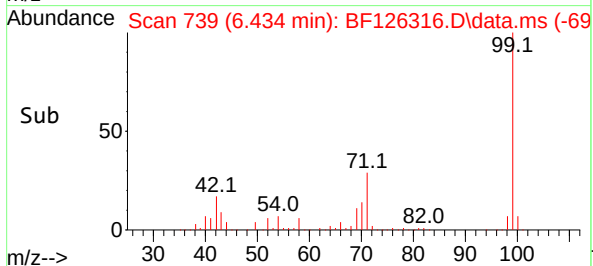


#7
Phenol-d6
Concen: 40.699 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126316.D
Acq: 22 Dec 2021 1:27

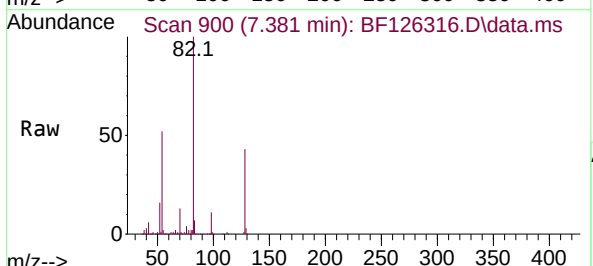
Instrument :
BNA_F
ClientSampleId :



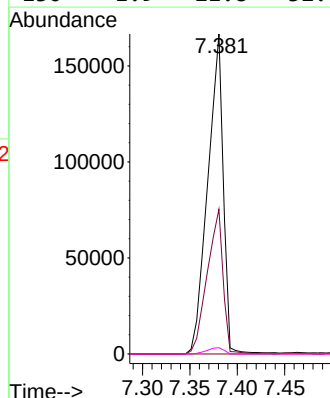
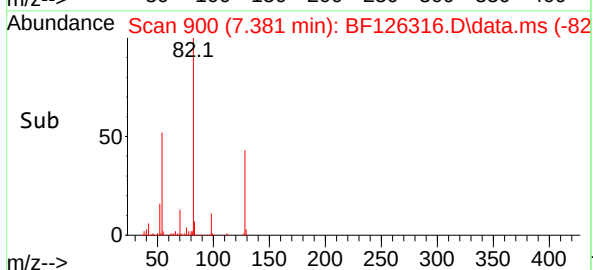
Tgt Ion: 99 Resp: 674686
Ion Ratio Lower Upper
99 100
42 17.3 23.5 35.3#
71 28.8 25.6 38.4

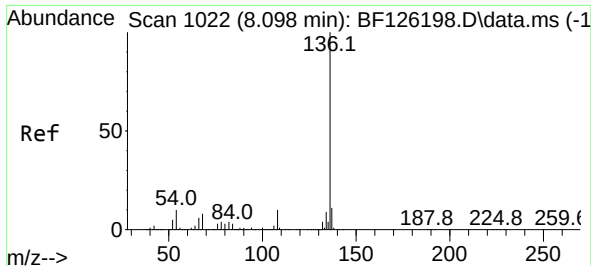


#19
n-Nitroso-di-n-propylamine
Concen: 18.626 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF126316.D
Acq: 22 Dec 2021 1:27



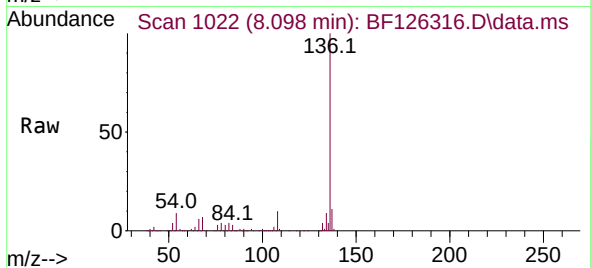
Tgt Ion: 70 Resp: 189559
Ion Ratio Lower Upper
70 100
42 45.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#



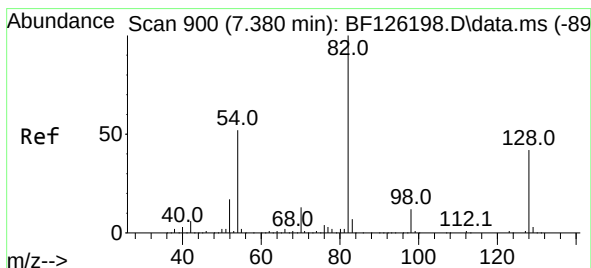
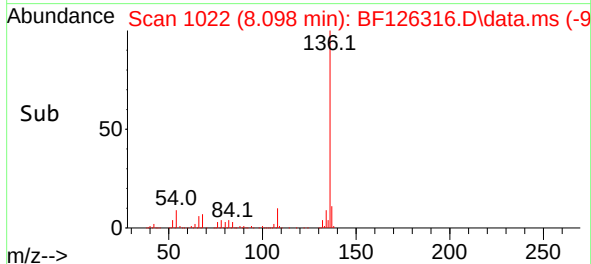
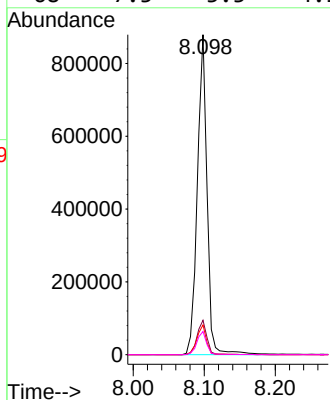


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126316.D
Acq: 22 Dec 2021 1:27

Instrument :
BNA_F
ClientSampleId :

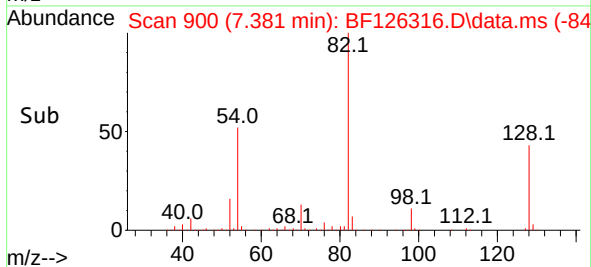
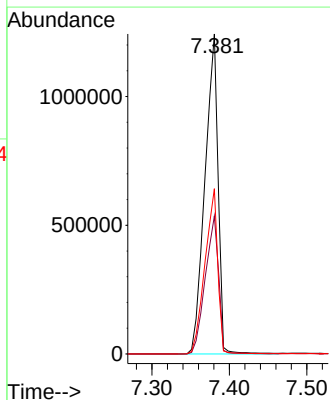
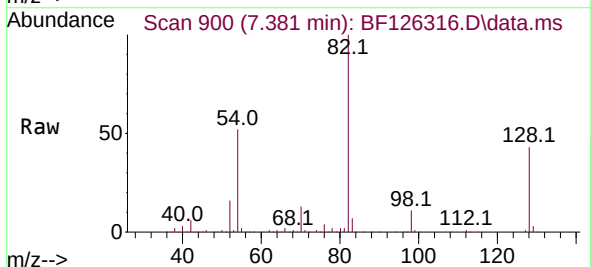


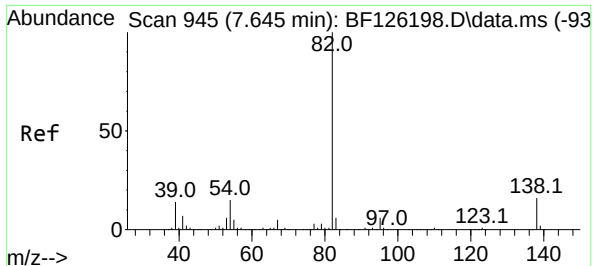
Tgt Ion:	136	Resp:	839378
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	9.3	6.4	9.6
68	7.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 94.456 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF126316.D
Acq: 22 Dec 2021 1:27

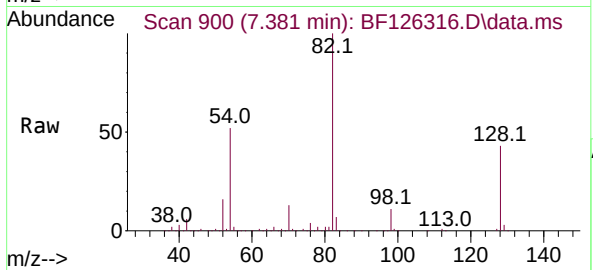
Tgt Ion:	82	Resp:	1463909
Ion	Ratio	Lower	Upper
82	100		
128	43.1	40.6	60.8
54	51.6	49.6	74.4



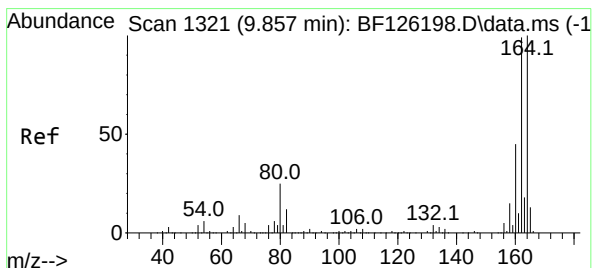
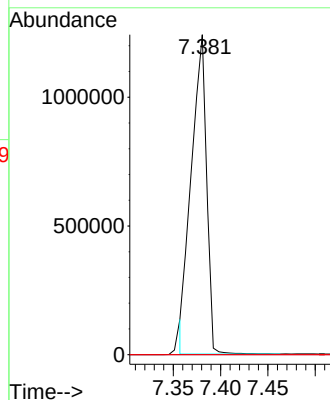
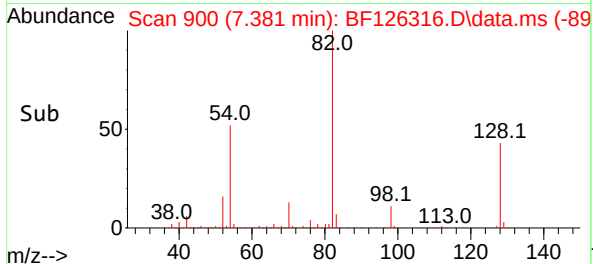


#25
Isophorone
Concen: 47.580 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126316.D
Acq: 22 Dec 2021 1:27

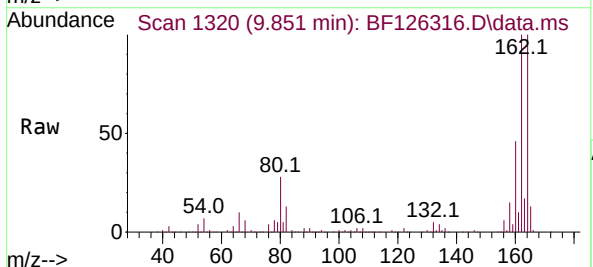
Instrument :
BNA_F
ClientSampleId :



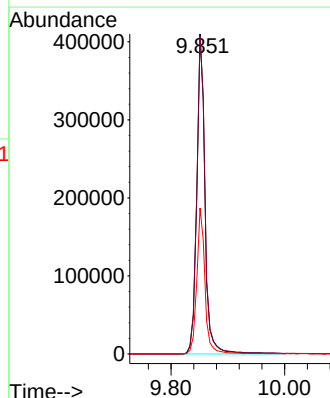
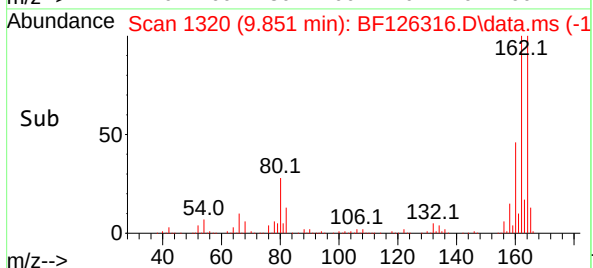
Tgt Ion: 82 Resp: 1392527
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

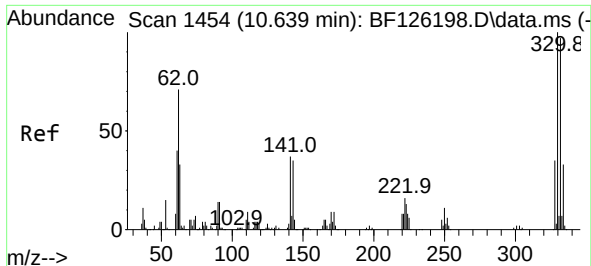


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126316.D
Acq: 22 Dec 2021 1:27



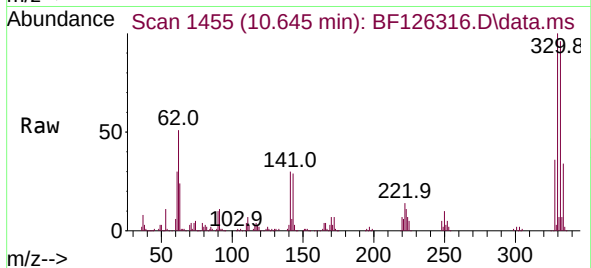
Tgt Ion: 164 Resp: 416074
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 45.6 38.0 57.0



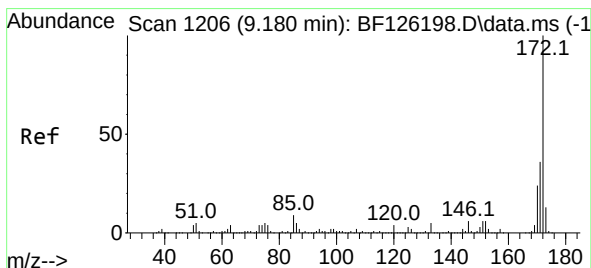
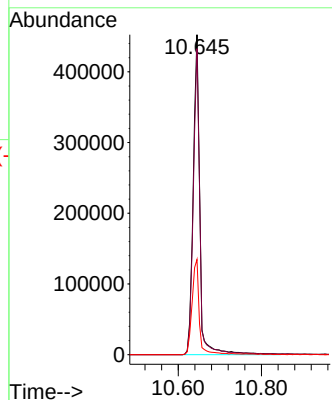
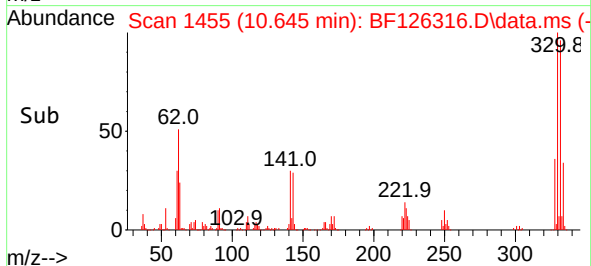


#42
2,4,6-Tribromophenol
Concen: 149.487 ng
RT: 10.645 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BF126316.D
Acq: 22 Dec 2021 1:27

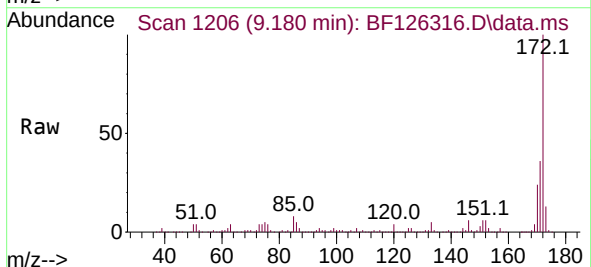
Instrument :
BNA_F
ClientSampleId :



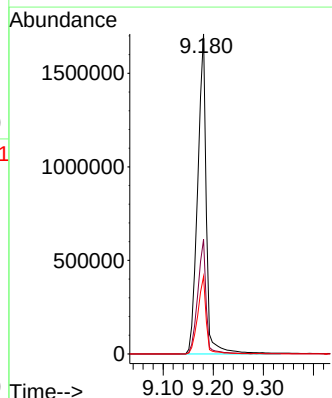
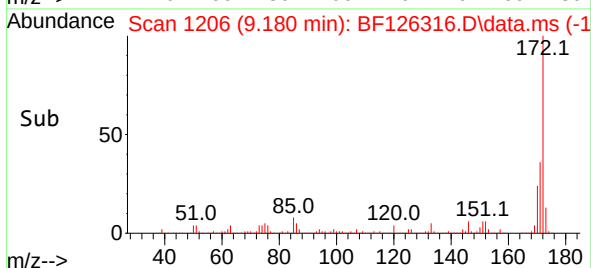
Tgt Ion:330 Resp: 499847
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 32.5 44.6 66.8#

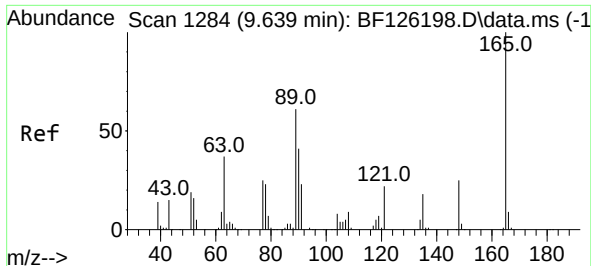


#45
2-Fluorobiphenyl
Concen: 86.330 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF126316.D
Acq: 22 Dec 2021 1:27



Tgt Ion:172 Resp: 2048003
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.2 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.396 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126316.D

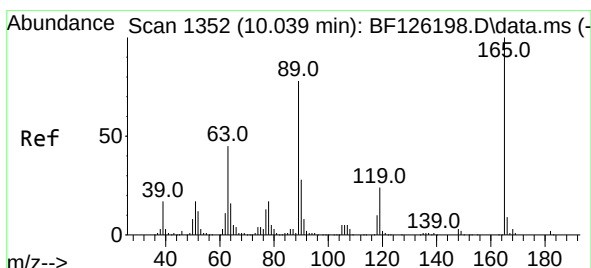
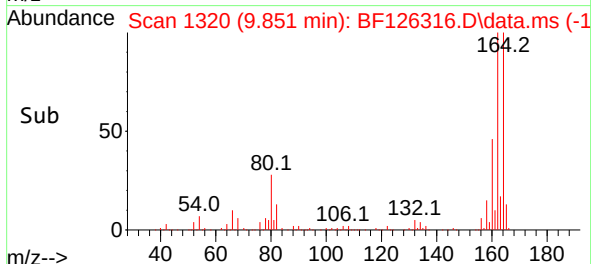
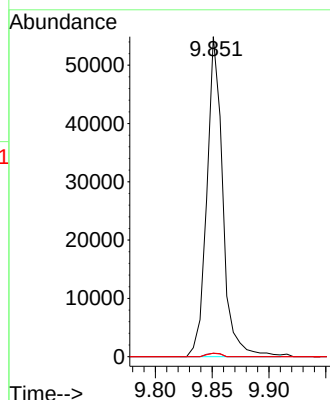
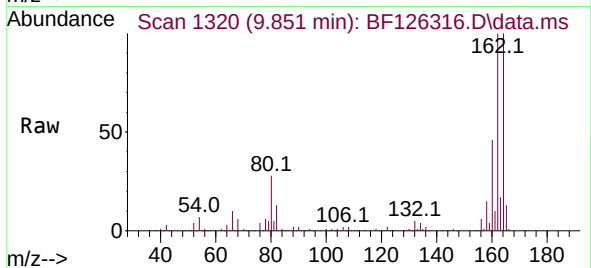
Acq: 22 Dec 2021 1:27

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165	Resp:	53604
Ion Ratio	Lower	Upper
165	100	
63	1.0	42.6 63.8#
89	1.1	40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.387 ng

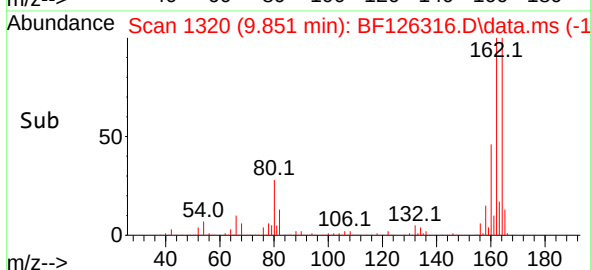
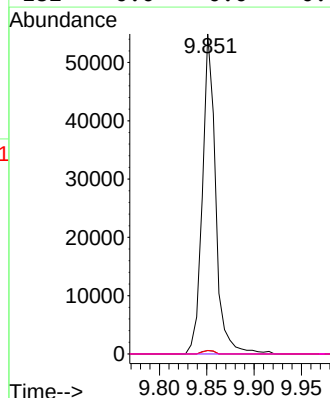
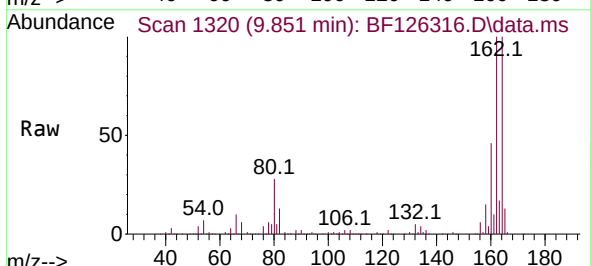
RT: 9.851 min Scan# 1320

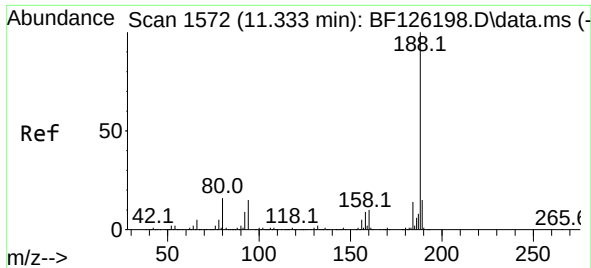
Delta R.T. -0.188 min

Lab File: BF126316.D

Acq: 22 Dec 2021 1:27

Tgt Ion:165	Resp:	53758
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	1.1	59.7 89.5#
182	0.0	0.0 0.0

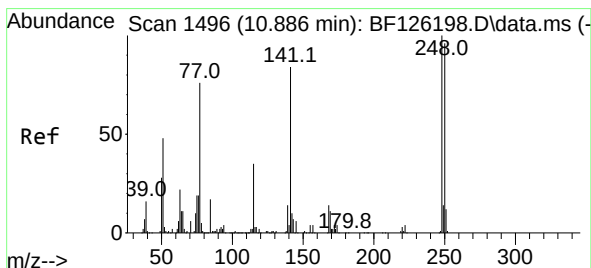
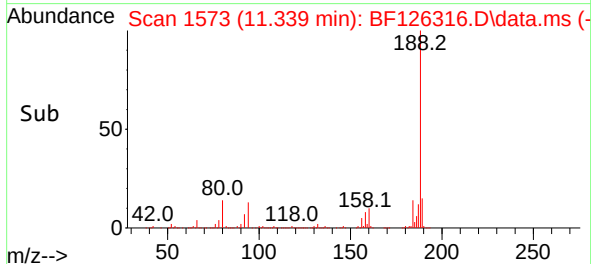
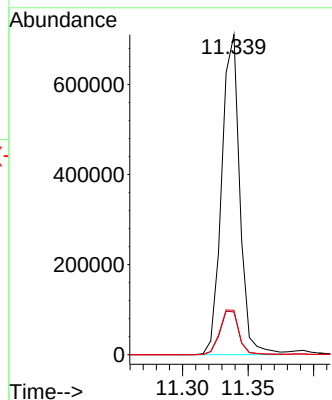
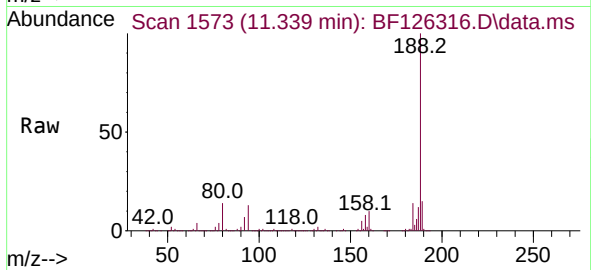




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126316.D
Acq: 22 Dec 2021 1:27

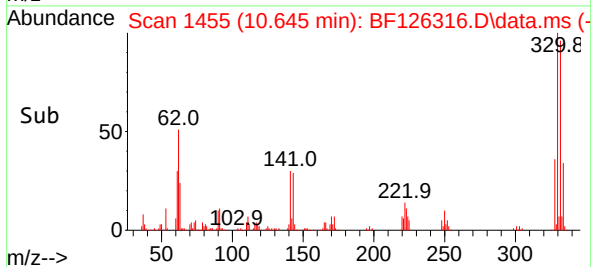
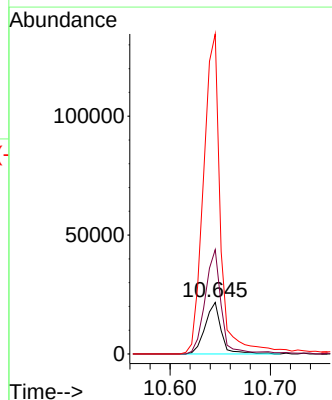
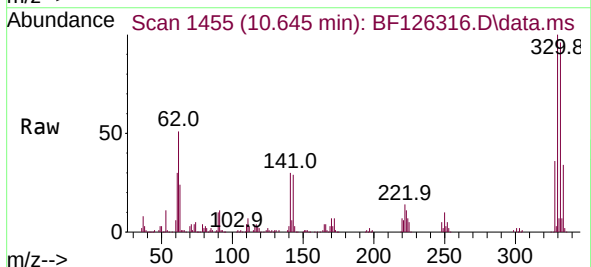
Instrument :
BNA_F
ClientSampleId :

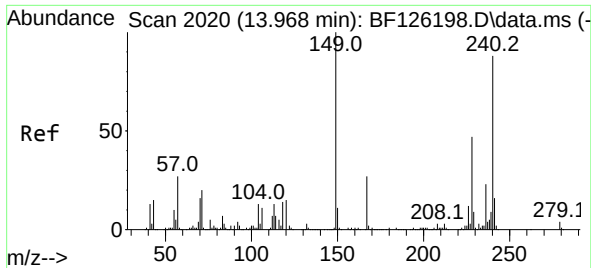
Tgt Ion:188 Resp: 682179
Ion Ratio Lower Upper
188 100
94 13.4 6.7 10.1#
80 13.8 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.787 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF126316.D
Acq: 22 Dec 2021 1:27

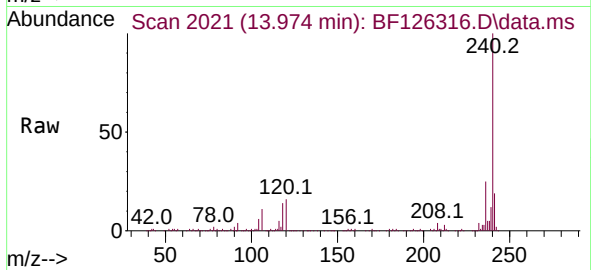
Tgt Ion:248 Resp: 24247
Ion Ratio Lower Upper
248 100
250 202.2 74.2 111.4#
141 620.1 60.4 90.6#



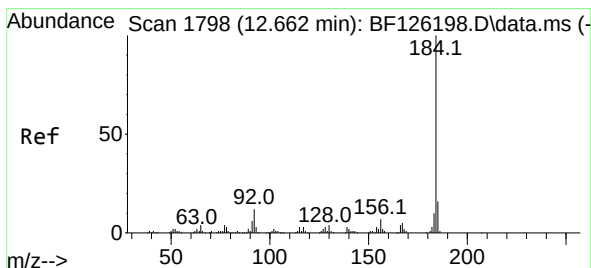
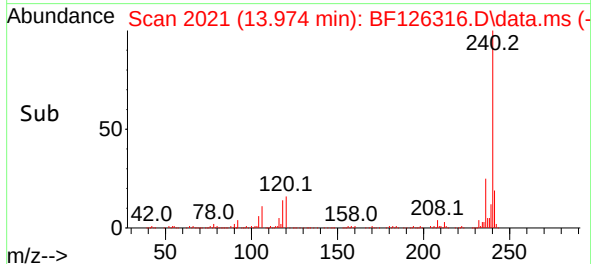
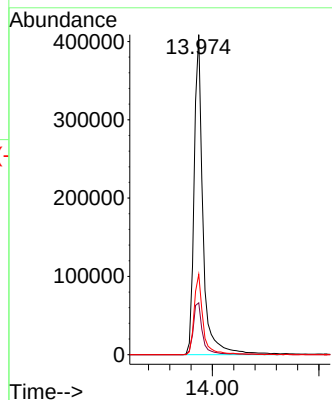


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126316.D
Acq: 22 Dec 2021 1:27

Instrument :
BNA_F
ClientSampleId :

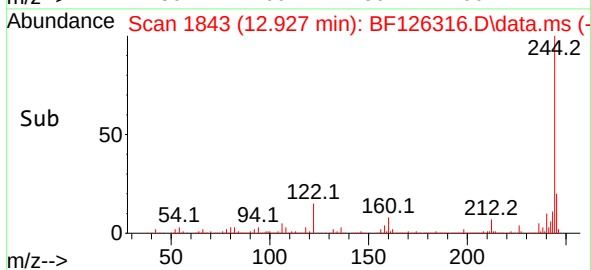
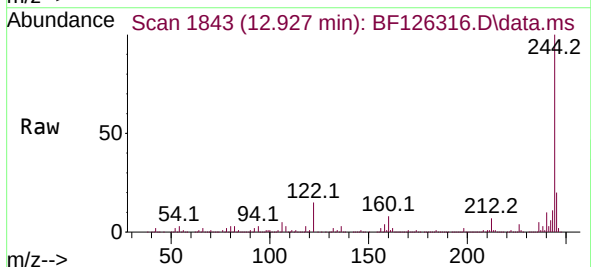
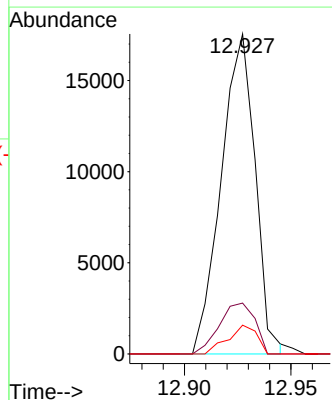


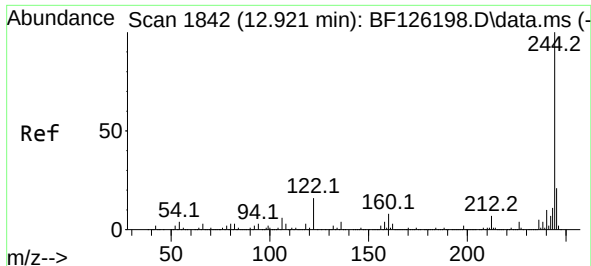
Tgt Ion:240 Resp: 474427
Ion Ratio Lower Upper
240 100
120 16.2 10.8 16.2#
236 25.1 21.6 32.4



#77
Benzidine
Concen: 2.598 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126316.D
Acq: 22 Dec 2021 1:27

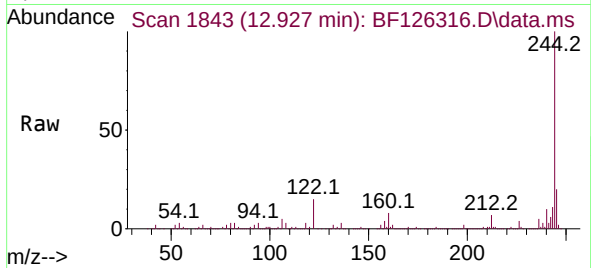
Tgt Ion:184 Resp: 19435
Ion Ratio Lower Upper
184 100
185 15.9 10.8 16.2
183 9.0 8.1 12.1



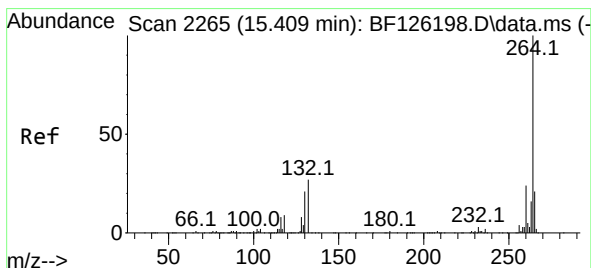
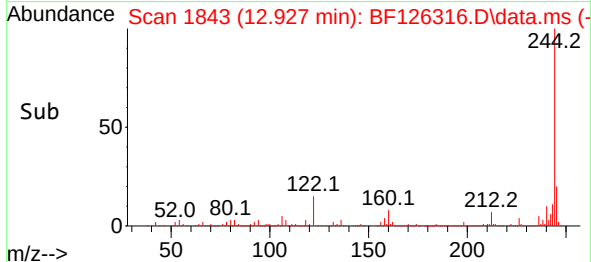
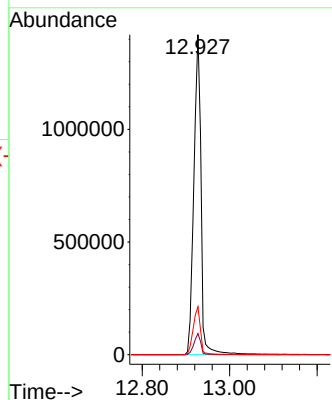


#79
 Terphenyl-d14
 Concen: 59.358 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF126316.D
 Acq: 22 Dec 2021 1:27

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1620210
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 15.0 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: BF126316.D
 Acq: 22 Dec 2021 1:27

Tgt Ion:264 Resp: 354837
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 21.8 17.2 25.8

