

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126301.D
 Acq On : 21 Dec 2021 17:27
 Operator : JU/CG
 Sample : PB141610BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:21:15 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)

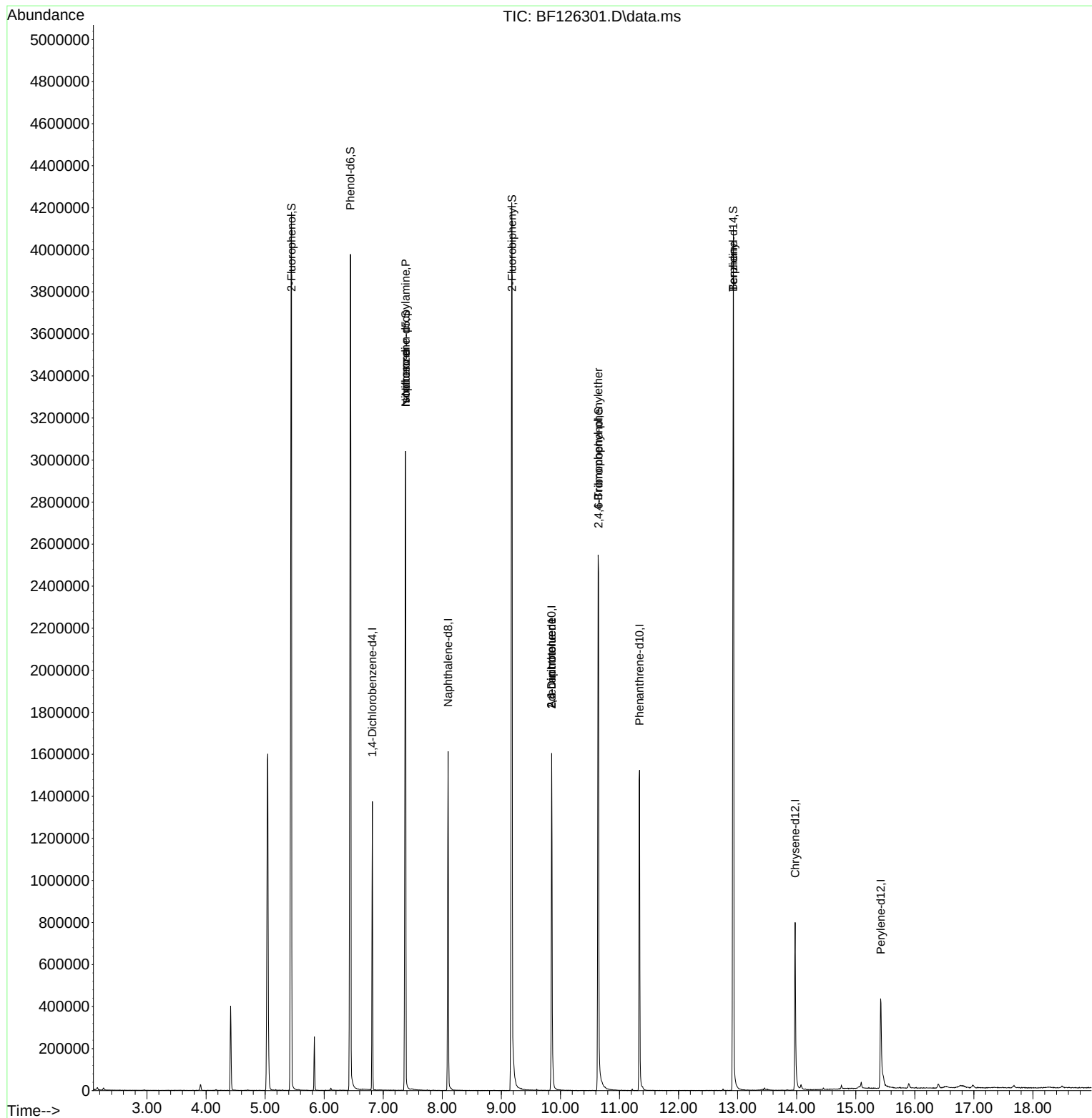
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	183186	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	799874	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	387075	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	635588	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	353805	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	274829	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1469534	118.137	ng	0.02
7) Phenol-d6	6.445	99	1883064	119.222	ng	0.00
23) Nitrobenzene-d5	7.381	82	1247101	84.441	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	400934	128.888	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1744758	79.057	ng	0.00
79) Terphenyl-d14	12.927	244	1598073	78.508	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	160288	16.531	ng	# 55
25) Isophorone	7.381	82	1182712	42.407	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	49116	9.255	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	49116	7.255	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	20249	3.395	ng	# 1
77) Benzidine	12.927	184	19623	3.518	ng	95

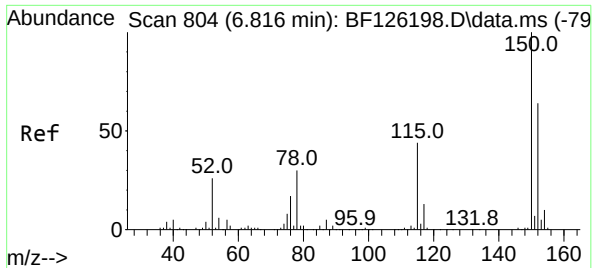
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126301.D
Acq On : 21 Dec 2021 17:27
Operator : JU/CG
Sample : PB141610BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

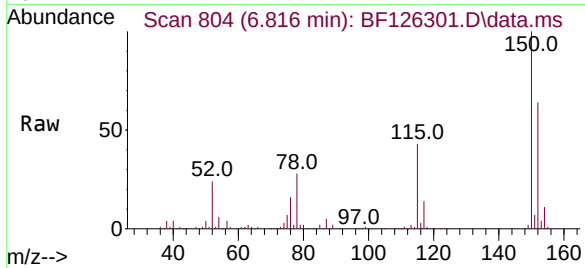
Quant Time: Dec 22 05:21:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



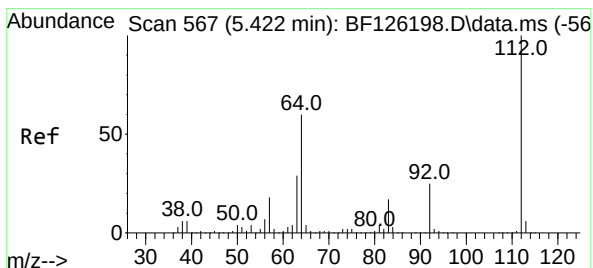
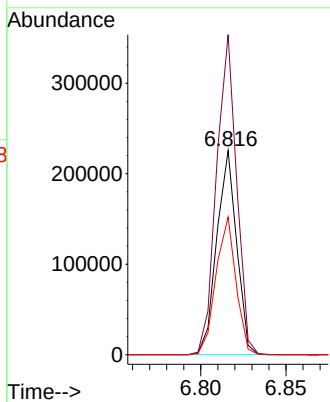
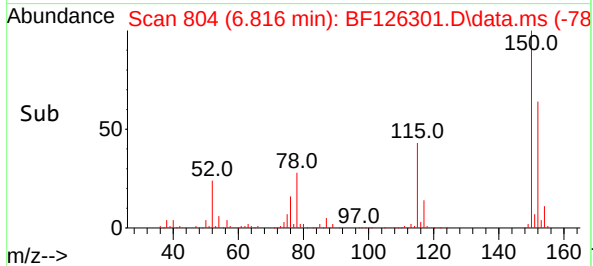


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF126301.D
 Acq: 21 Dec 2021 17:27

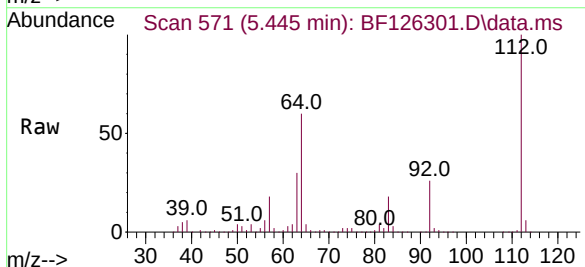
Instrument :
 BNA_F
 ClientSampleId :



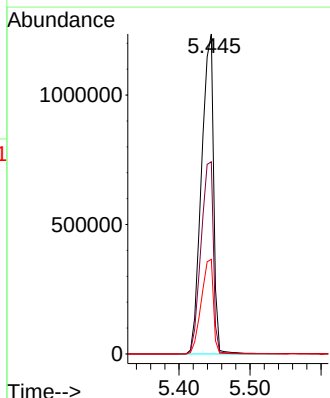
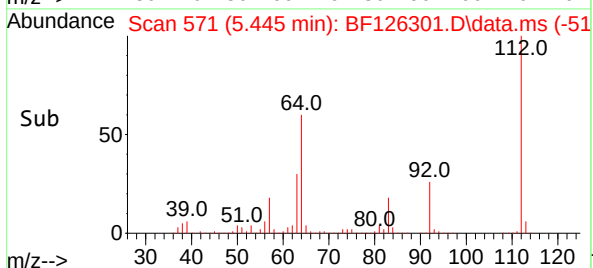
Tgt Ion:152 Resp: 183186
 Ion Ratio Lower Upper
 152 100
 150 156.8 117.6 176.4
 115 67.4 47.1 70.7

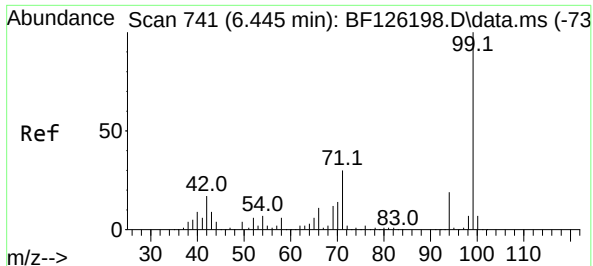


#5
 2-Fluorophenol
 Concen: 118.137 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.024 min
 Lab File: BF126301.D
 Acq: 21 Dec 2021 17:27



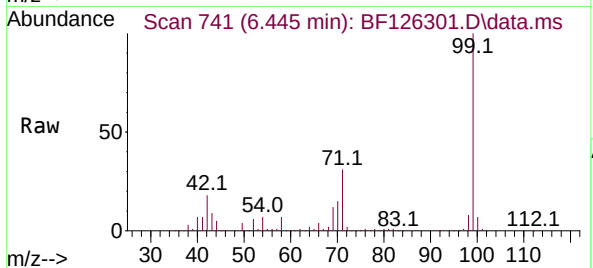
Tgt Ion:112 Resp: 1469534
 Ion Ratio Lower Upper
 112 100
 64 60.1 44.2 66.2
 63 29.6 26.2 39.2





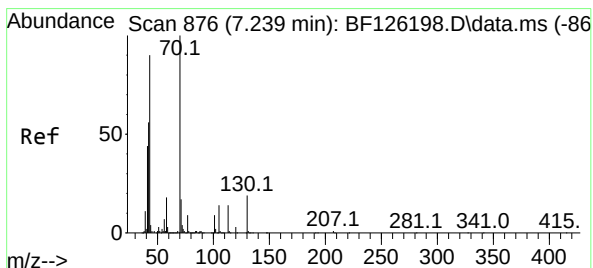
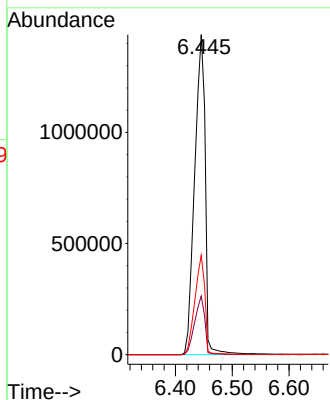
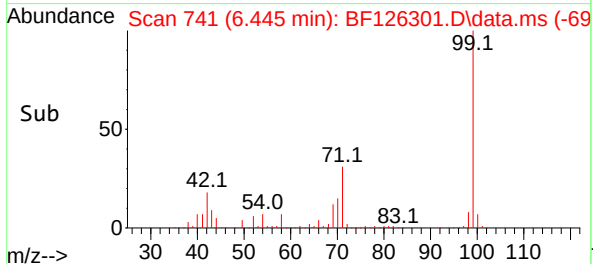
#7
Phenol-d6
Concen: 119.222 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126301.D
Acq: 21 Dec 2021 17:27

Instrument :
BNA_F
ClientSampleId :

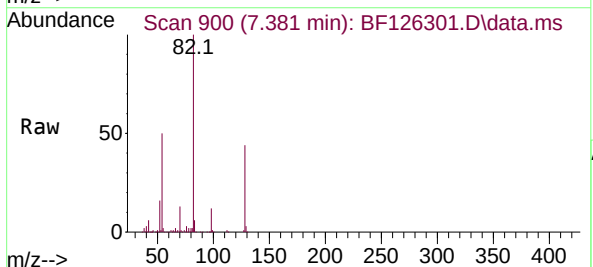


Tgt Ion: 99 Resp: 1883064

Ion	Ratio	Lower	Upper
99	100		
42	18.3	23.5	35.3#
71	31.1	25.6	38.4

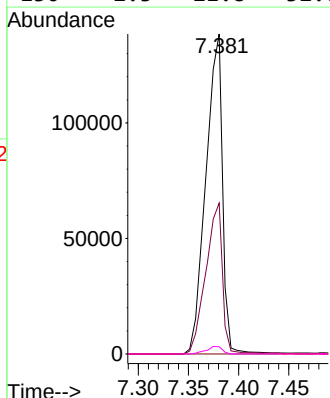
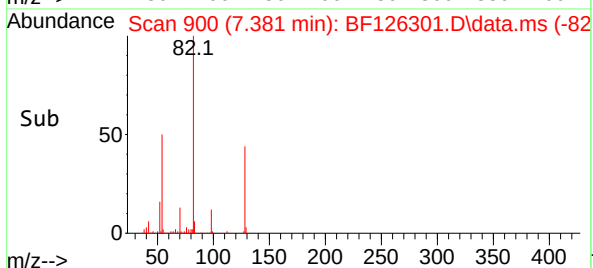


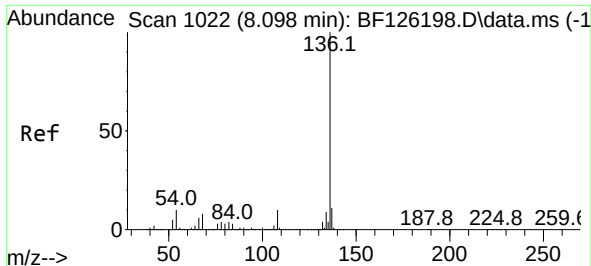
#19
n-Nitroso-di-n-propylamine
Concen: 16.531 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF126301.D
Acq: 21 Dec 2021 17:27



Tgt Ion: 70 Resp: 160288

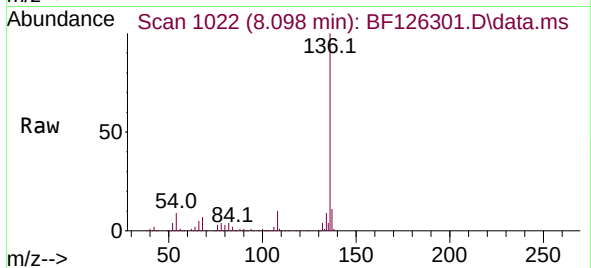
Ion	Ratio	Lower	Upper
70	100		
42	47.2	72.2	108.2#
101	0.0	7.8	11.8#
130	2.3	21.8	32.6#



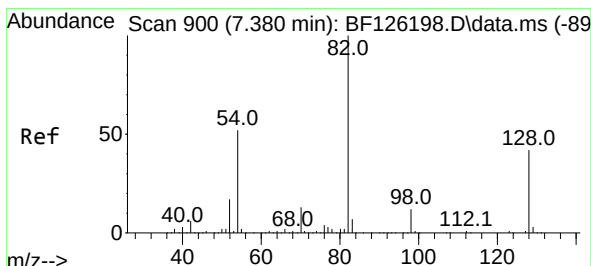
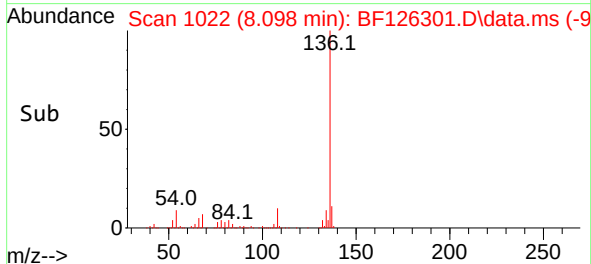
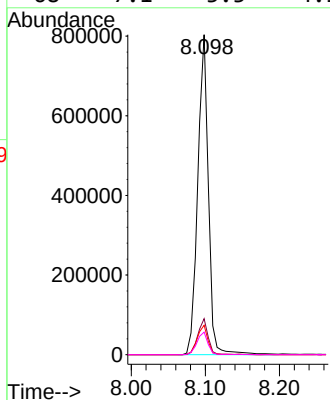


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126301.D
Acq: 21 Dec 2021 17:27

Instrument :
BNA_F
ClientSampleId :

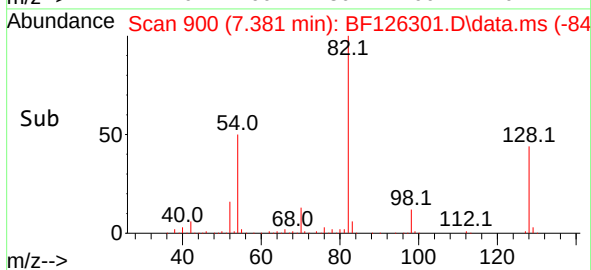
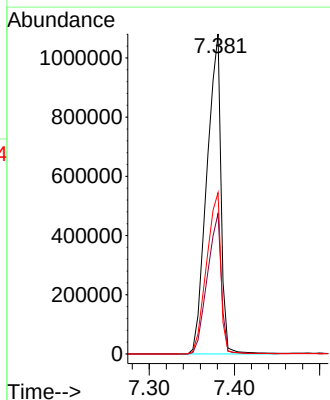
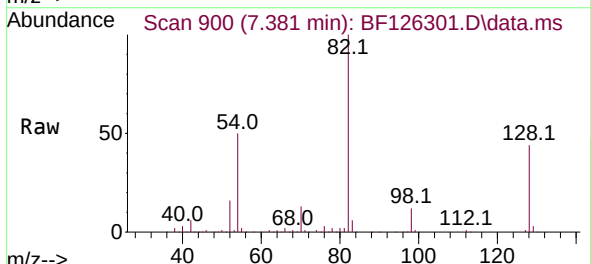


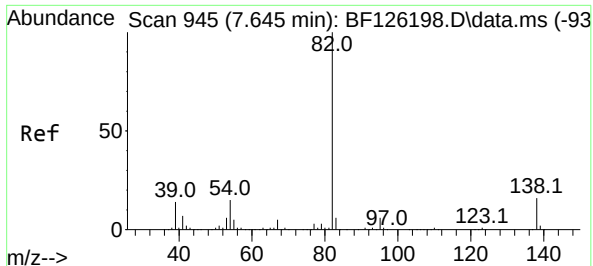
Tgt Ion:	136	Resp:	799874
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.8	14.6
54	9.2	6.4	9.6
68	7.1	3.3	4.9



#23
Nitrobenzene-d5
Concen: 84.441 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF126301.D
Acq: 21 Dec 2021 17:27

Tgt Ion:	82	Resp:	1247101
Ion Ratio	Lower	Upper	
82	100		
128	43.9	40.6	60.8
54	50.4	49.6	74.4

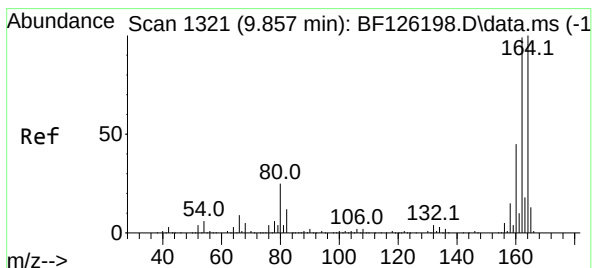
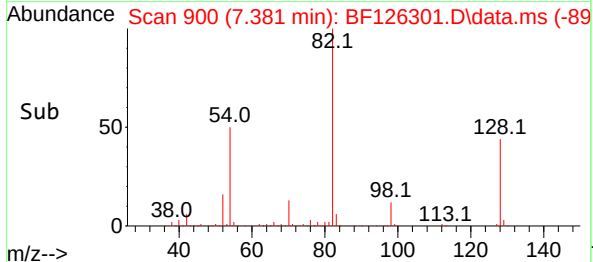
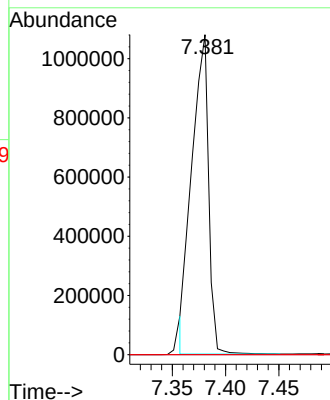
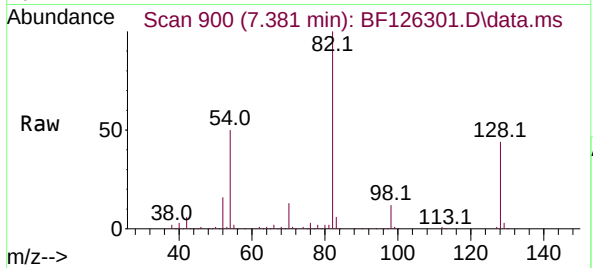




#25
Isophorone
Concen: 42.407 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126301.D
Acq: 21 Dec 2021 17:27

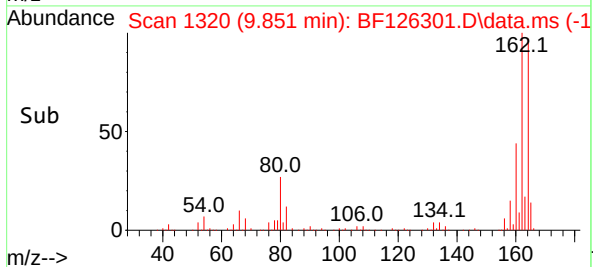
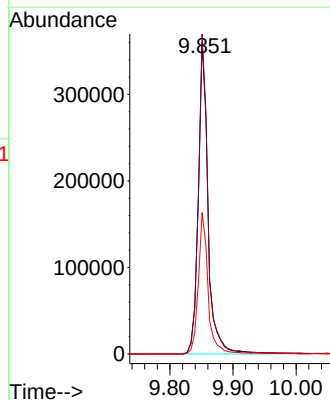
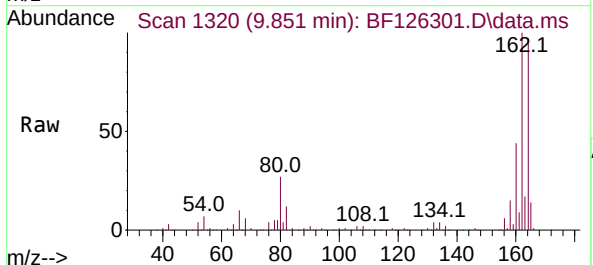
Instrument :
BNA_F
ClientSampleId :

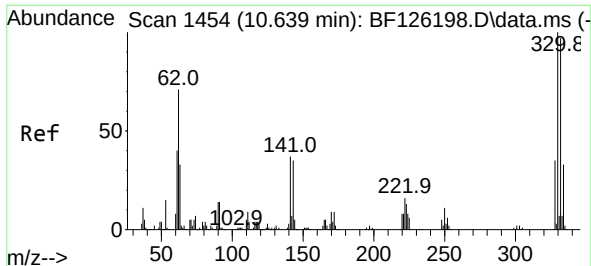
Tgt Ion: 82 Resp: 1182712
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126301.D
Acq: 21 Dec 2021 17:27

Tgt Ion:164 Resp: 387075
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 45.4 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 128.888 ng

RT: 10.645 min Scan# 1454

Delta R.T. 0.006 min

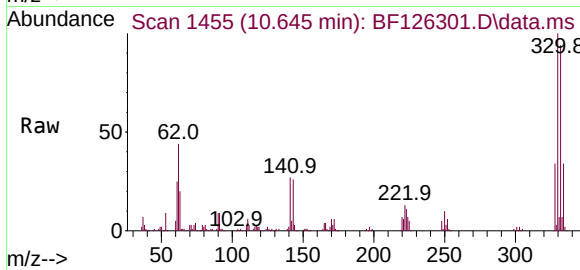
Lab File: BF126301.D

Acq: 21 Dec 2021 17:27

Instrument :

BNA_F

ClientSampleId :



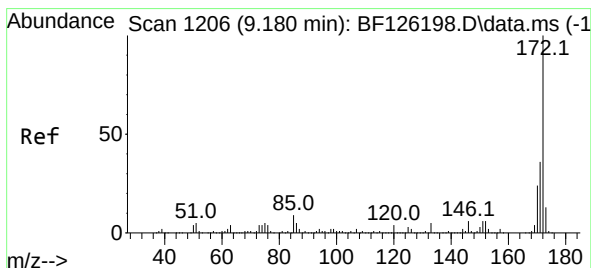
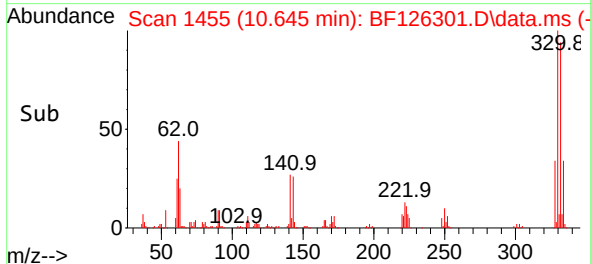
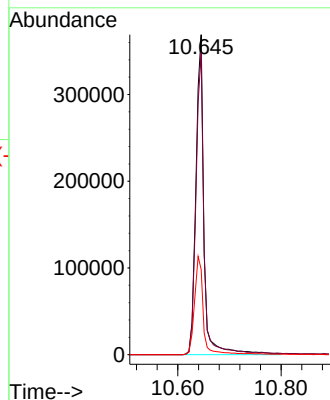
Tgt Ion:330 Resp: 400934

Ion Ratio Lower Upper

330 100

332 93.5 76.2 114.4

141 34.1 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 79.057 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF126301.D

Acq: 21 Dec 2021 17:27

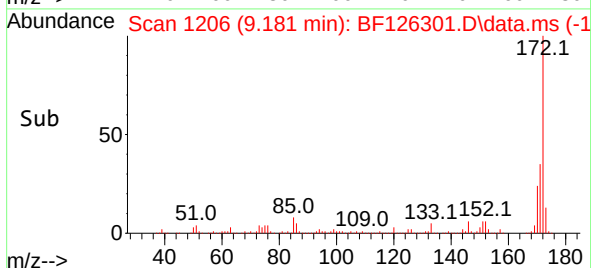
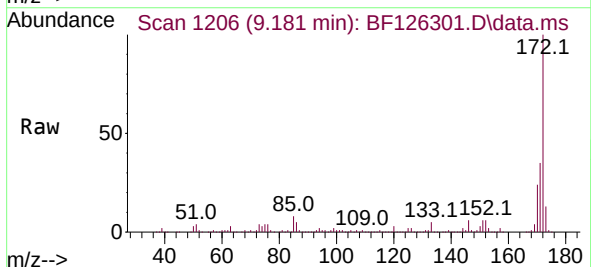
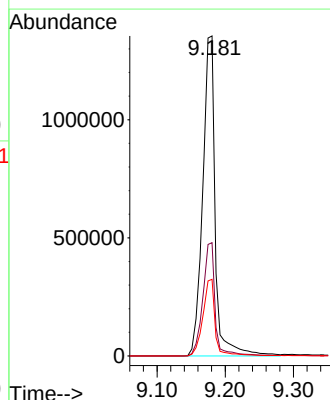
Tgt Ion:172 Resp: 1744758

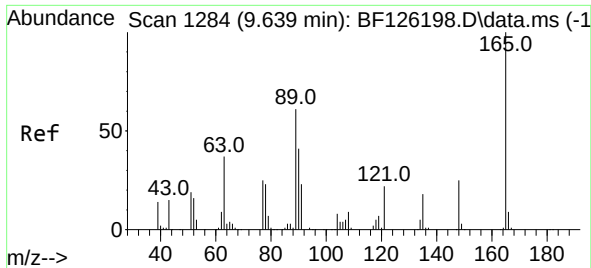
Ion Ratio Lower Upper

172 100

171 35.4 26.5 39.7

170 24.0 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.255 ng

RT: 9.851 min Scan# 1

Delta R.T. 0.212 min

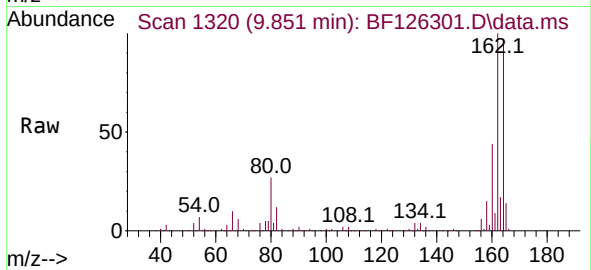
Lab File: BF126301.D

Acq: 21 Dec 2021 17:27

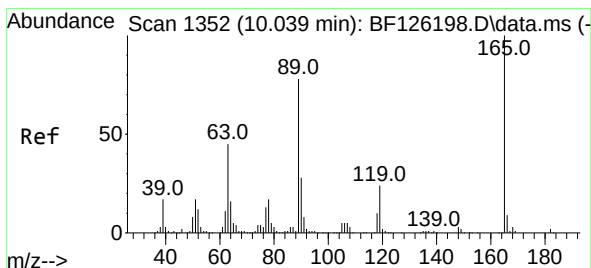
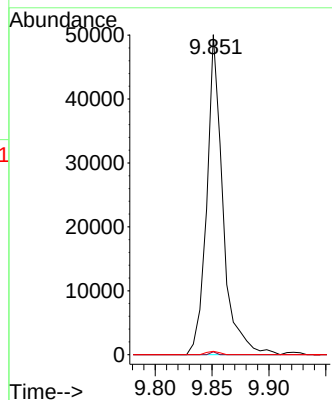
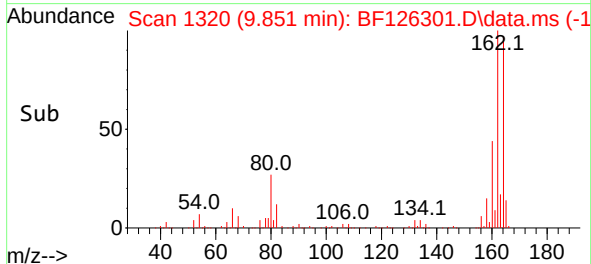
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	165	Resp:	49116
Ion Ratio	Lower	Upper	
165	100		
63	0.9	42.6	63.8#
89	1.1	40.6	60.8#



#57

2,4-Dinitrotoluene

Concen: 7.255 ng

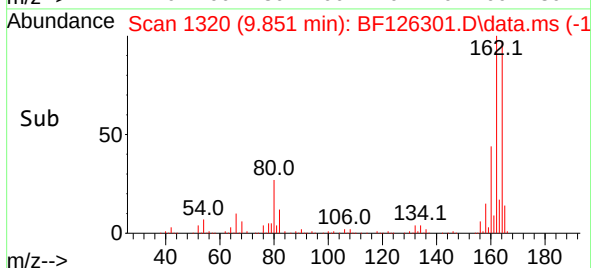
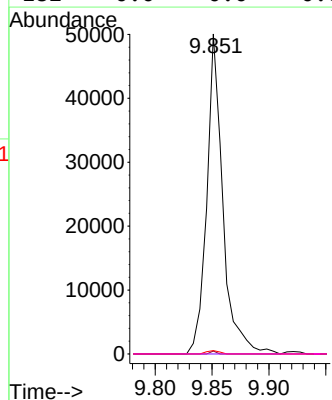
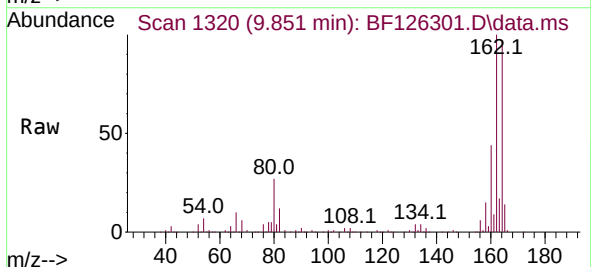
RT: 9.851 min Scan# 1320

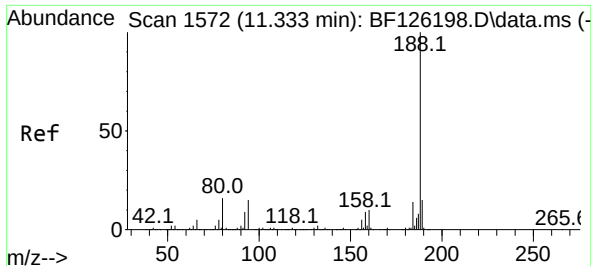
Delta R.T. -0.188 min

Lab File: BF126301.D

Acq: 21 Dec 2021 17:27

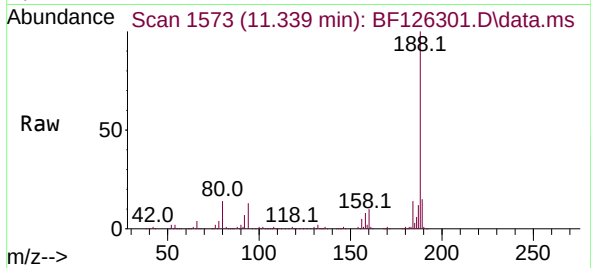
Tgt Ion:	165	Resp:	49116
Ion Ratio	Lower	Upper	
165	100		
63	0.9	40.9	61.3#
89	1.1	59.7	89.5#
182	0.0	0.0	0.0



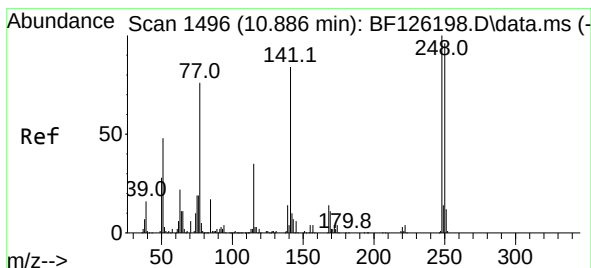
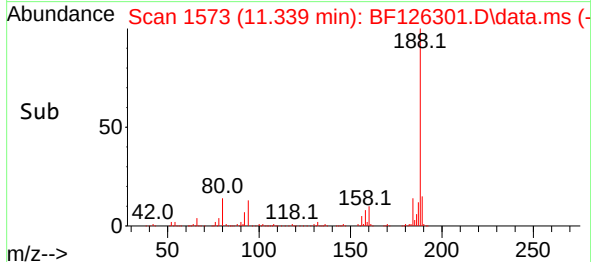
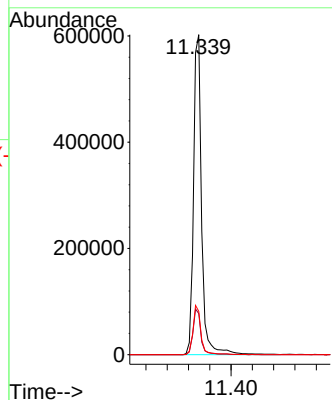


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126301.D
Acq: 21 Dec 2021 17:27

Instrument :
BNA_F
ClientSampleId :

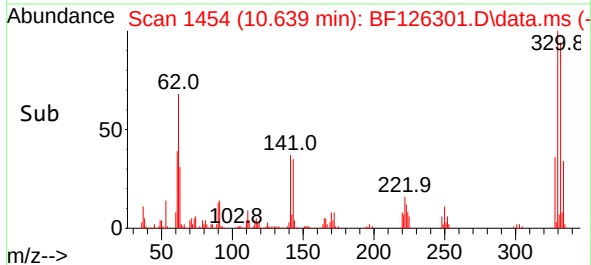
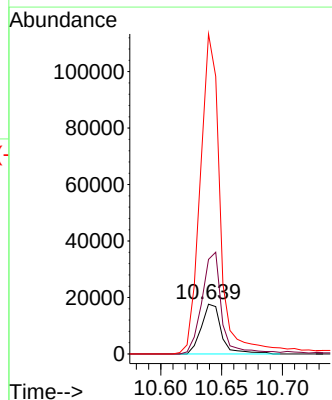
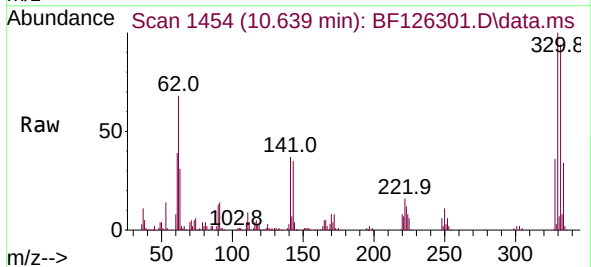


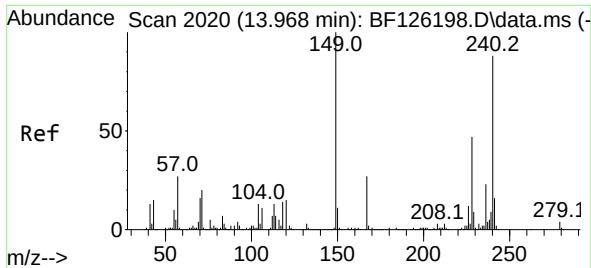
Tgt Ion:188 Resp: 635588
Ion Ratio Lower Upper
188 100
94 12.8 6.7 10.1#
80 13.5 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.395 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126301.D
Acq: 21 Dec 2021 17:27

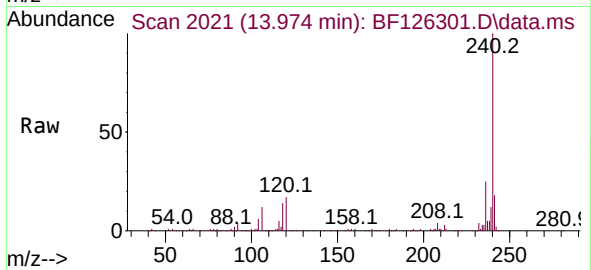
Tgt Ion:248 Resp: 20249
Ion Ratio Lower Upper
248 100
250 190.3 74.2 111.4#
141 643.4 60.4 90.6#



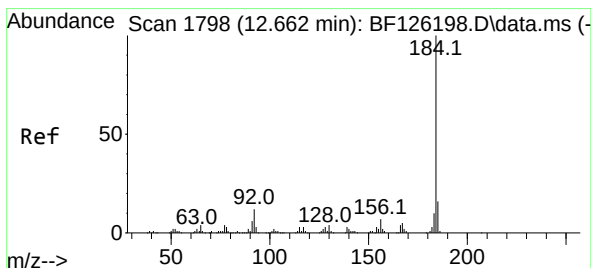
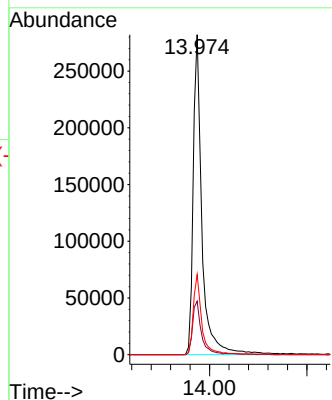
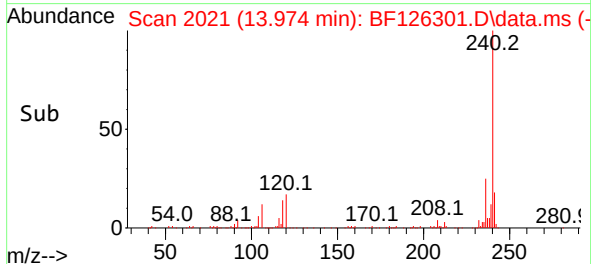


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126301.D
Acq: 21 Dec 2021 17:27

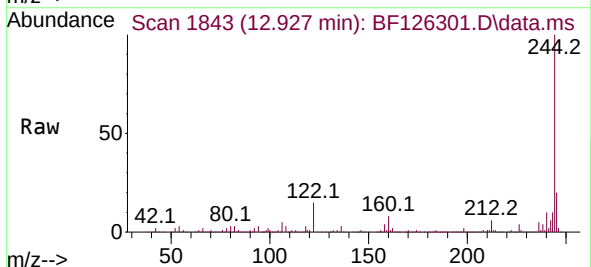
Instrument :
BNA_F
ClientSampleId :



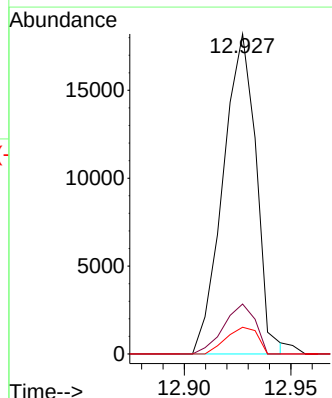
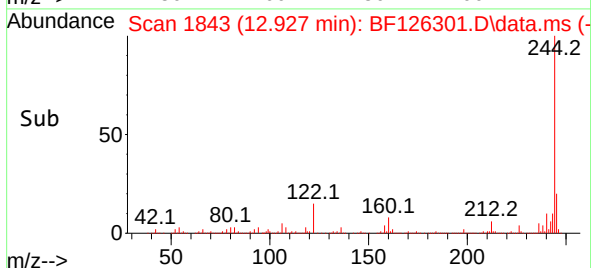
Tgt Ion:240 Resp: 353805
Ion Ratio Lower Upper
240 100
120 16.7 10.8 16.2#
236 25.0 21.6 32.4

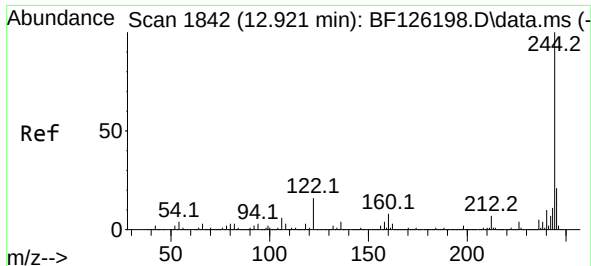


#77
Benzidine
Concen: 3.518 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126301.D
Acq: 21 Dec 2021 17:27



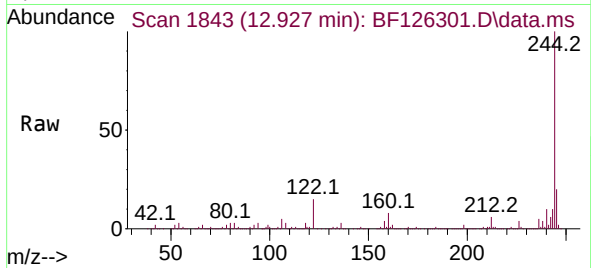
Tgt Ion:184 Resp: 19623
Ion Ratio Lower Upper
184 100
185 15.6 10.8 16.2
183 8.4 8.1 12.1



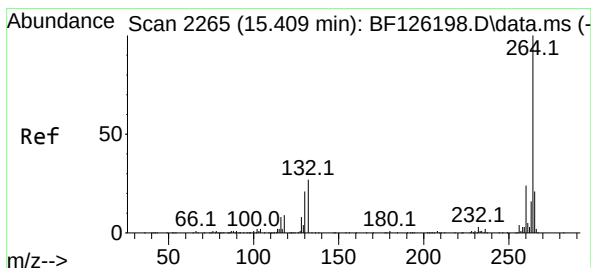
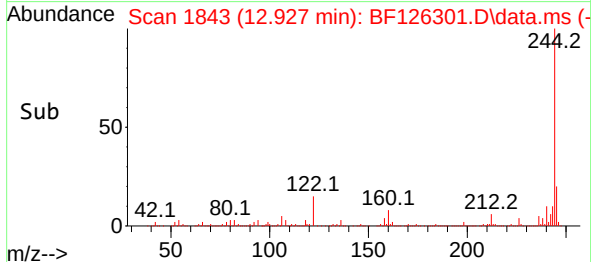
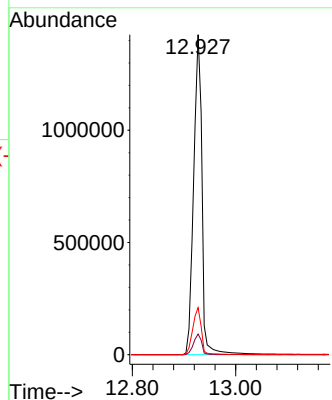


#79
 Terphenyl-d14
 Concen: 78.508 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF126301.D
 Acq: 21 Dec 2021 17:27

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1598073
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 14.7 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: BF126301.D
 Acq: 21 Dec 2021 17:27

Tgt Ion:264 Resp: 274829
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 22.6 17.2 25.8

