

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126293.D
 Acq On : 21 Dec 2021 10:29
 Operator : JU/CG
 Sample : PB141506BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:19:34 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)

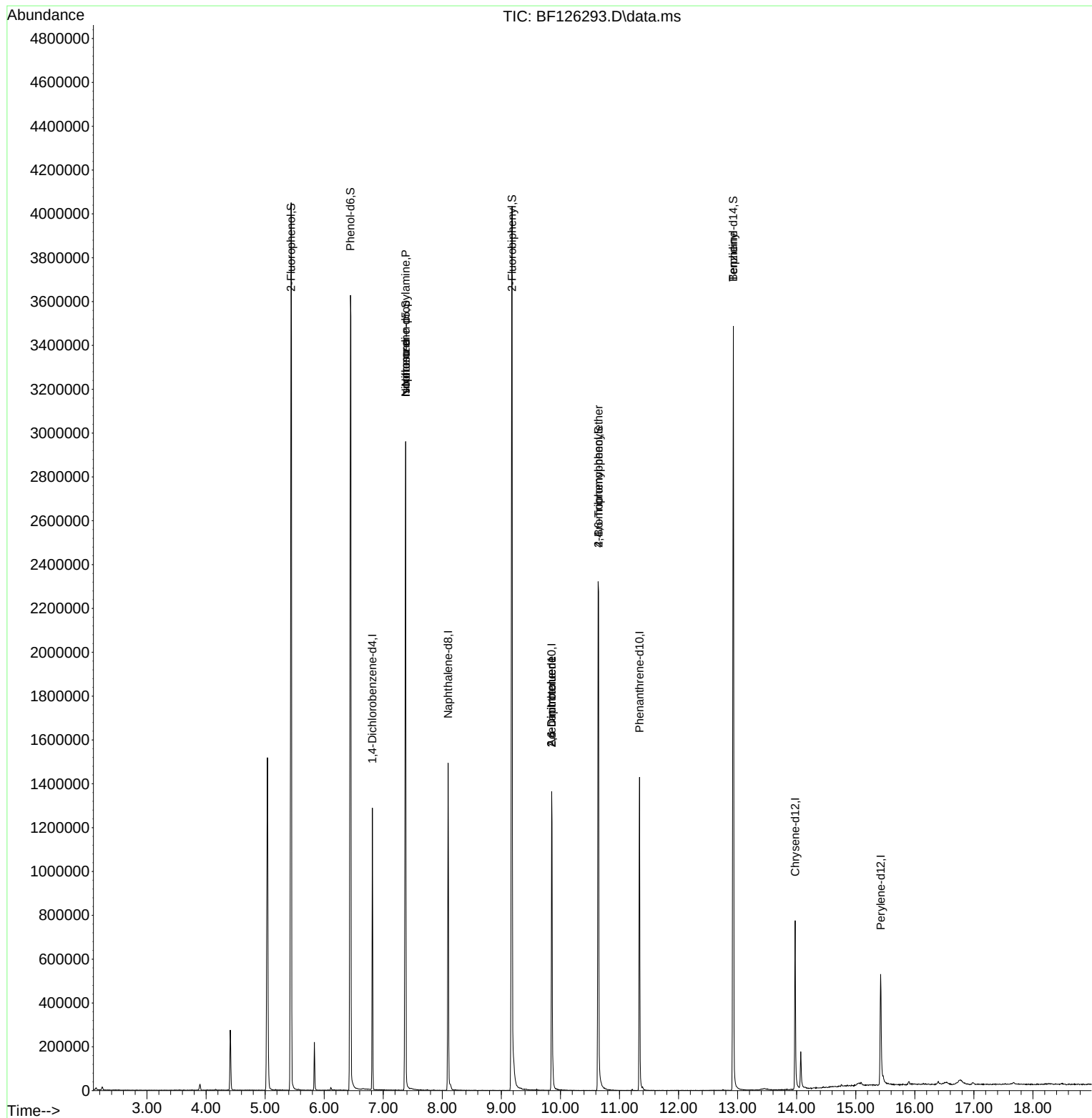
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	166906	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	713511	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	335339	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	535402	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	288882	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	264543	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1362143	120.185	ng	0.02
7) Phenol-d6	6.445	99	1704884	118.469	ng	0.00
23) Nitrobenzene-d5	7.381	82	1119971	85.012	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	342113	126.947	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1565026	81.854	ng	0.00
79) Terphenyl-d14	12.927	244	1333519	80.234	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	141781	16.048	ng	# 55
25) Isophorone	7.381	82	1081962	43.490	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	41169	8.954	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	41435	7.065	ng	# 20
67) 4-Bromophenyl-phenylether	10.645	248	18000	3.582	ng	# 1
77) Benzidine	12.927	184	15500	3.403	ng	# 94

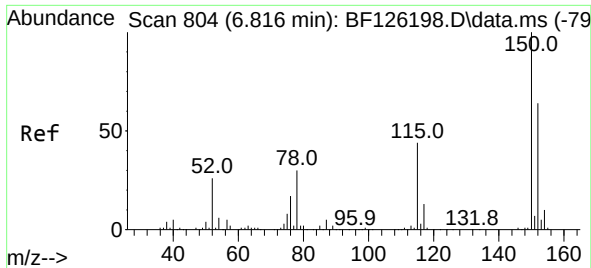
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126293.D
Acq On : 21 Dec 2021 10:29
Operator : JU/CG
Sample : PB141506BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

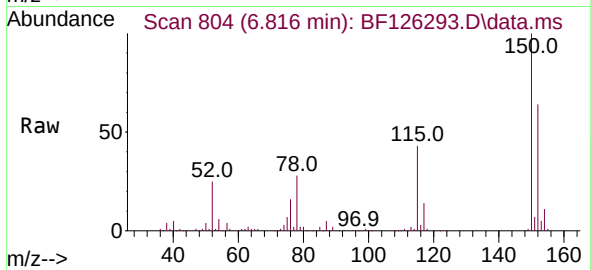
Quant Time: Dec 22 05:19:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



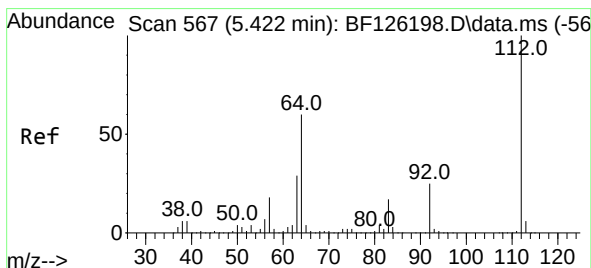
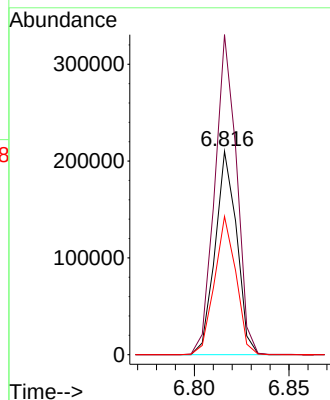
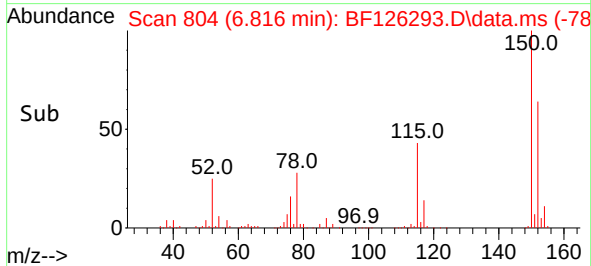


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126293.D
Acq: 21 Dec 2021 10:29

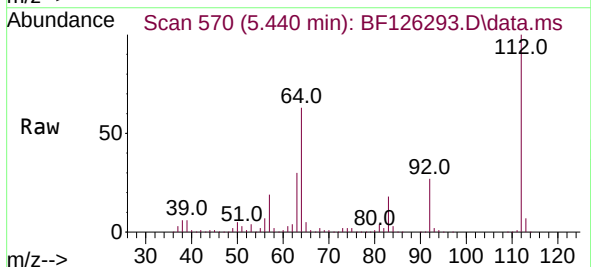
Instrument :
BNA_F
ClientSampleId :



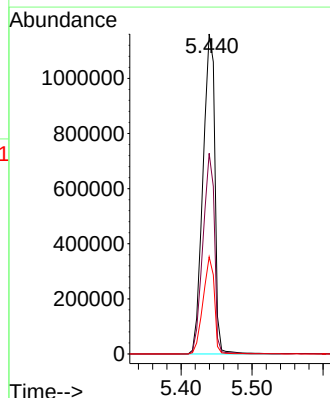
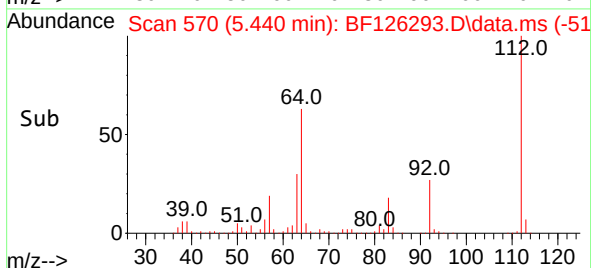
Tgt Ion:152 Resp: 166906
Ion Ratio Lower Upper
152 100
150 157.3 117.6 176.4
115 68.0 47.1 70.7

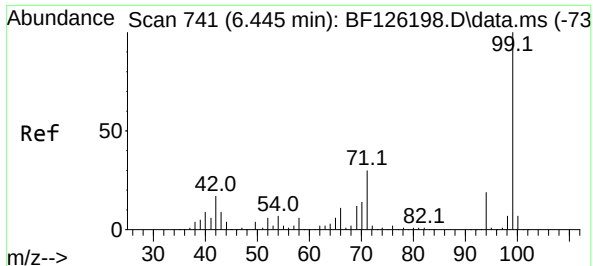


#5
2-Fluorophenol
Concen: 120.185 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF126293.D
Acq: 21 Dec 2021 10:29



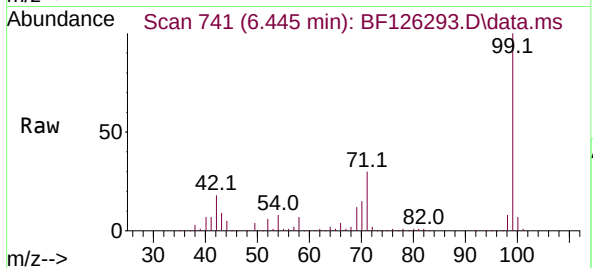
Tgt Ion:112 Resp: 1362143
Ion Ratio Lower Upper
112 100
64 62.7 44.2 66.2
63 30.4 26.2 39.2





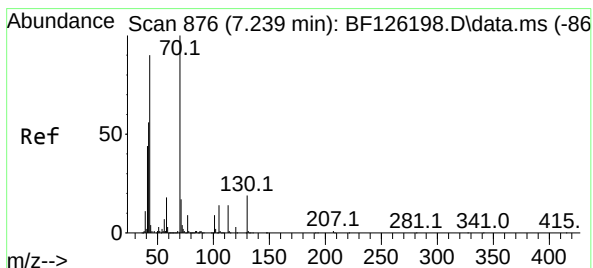
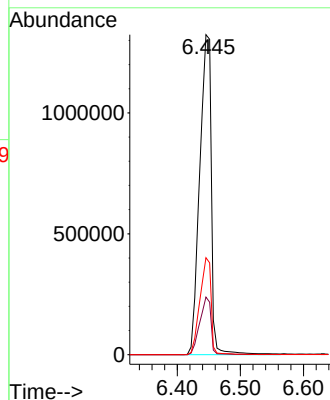
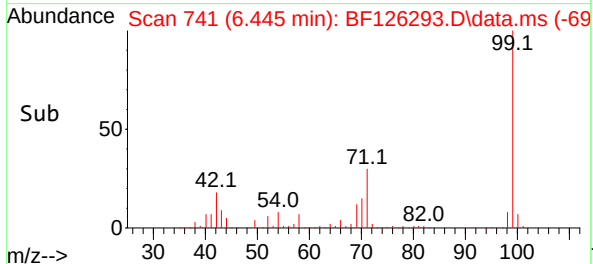
#7
Phenol-d6
Concen: 118.469 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126293.D
Acq: 21 Dec 2021 10:29

Instrument :
BNA_F
ClientSampleId :

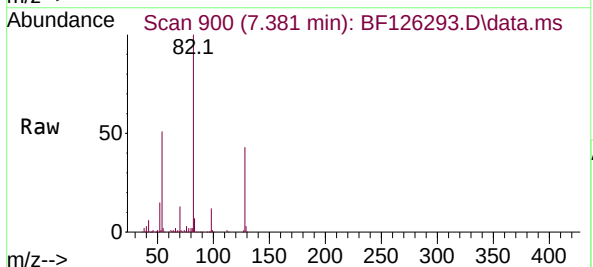


Tgt Ion: 99 Resp: 1704884

Ion	Ratio	Lower	Upper
99	100		
42	18.0	23.5	35.3#
71	30.3	25.6	38.4

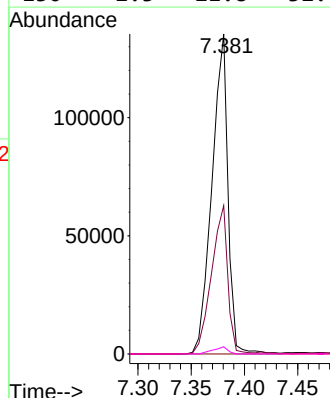
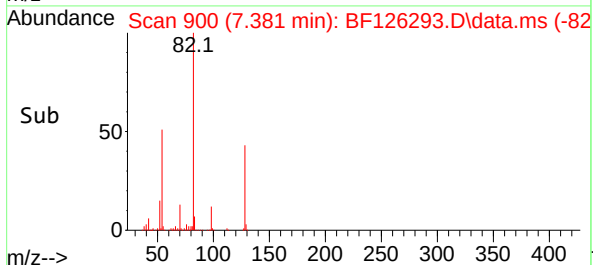


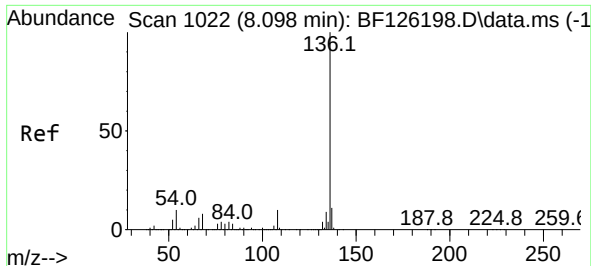
#19
n-Nitroso-di-n-propylamine
Concen: 16.048 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF126293.D
Acq: 21 Dec 2021 10:29



Tgt Ion: 70 Resp: 141781

Ion	Ratio	Lower	Upper
70	100		
42	46.3	72.2	108.2#
101	0.0	7.8	11.8#
130	2.3	21.8	32.6#

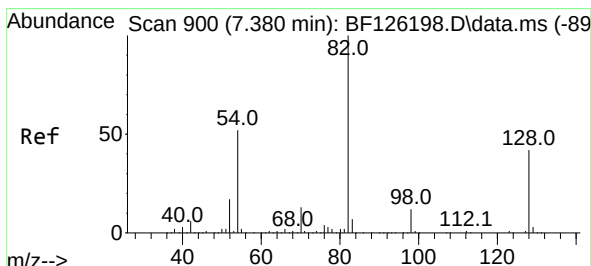
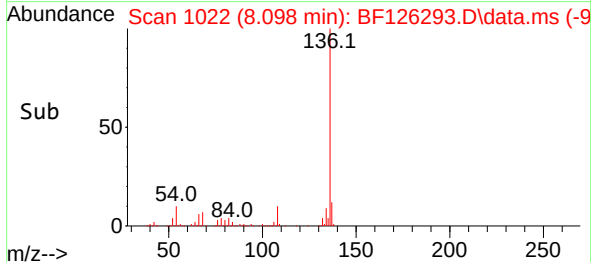
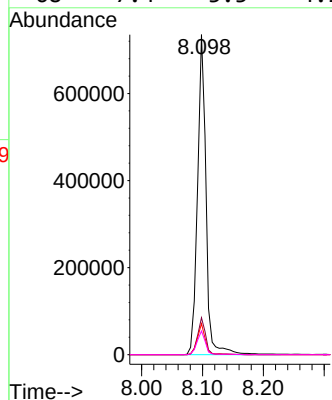
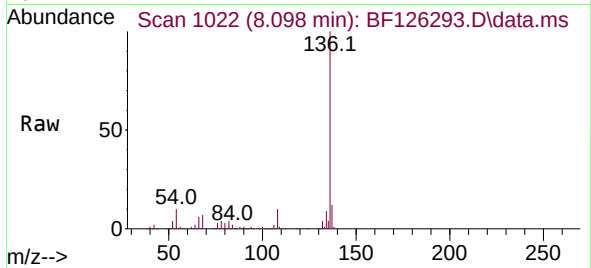




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126293.D
Acq: 21 Dec 2021 10:29

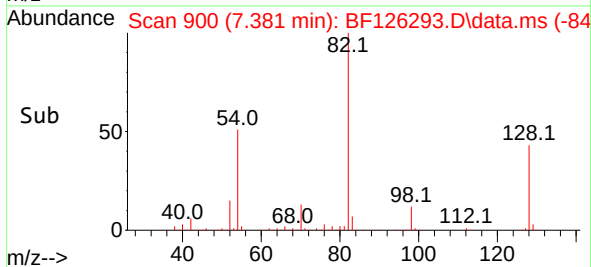
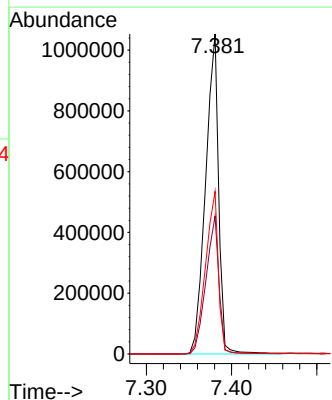
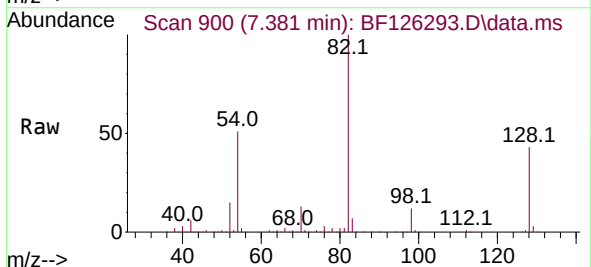
Instrument :
BNA_F
ClientSampleId :

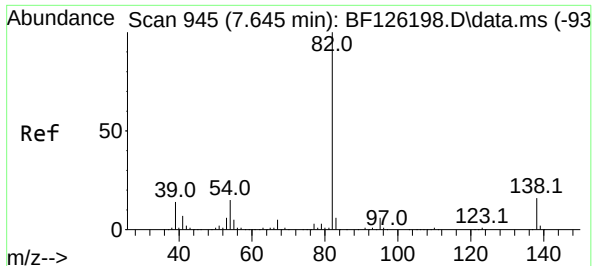
Tgt Ion:	136	Resp:	713511
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.6
54	9.7	6.4	9.6#
68	7.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 85.012 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF126293.D
Acq: 21 Dec 2021 10:29

Tgt Ion:	82	Resp:	1119971
Ion	Ratio	Lower	Upper
82	100		
128	43.1	40.6	60.8
54	50.8	49.6	74.4

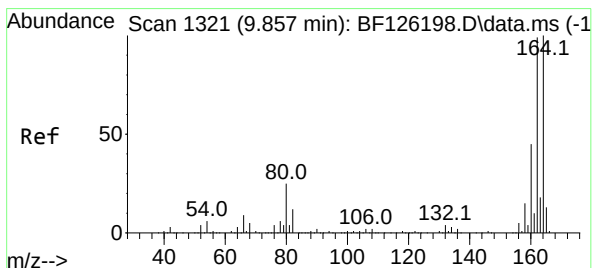
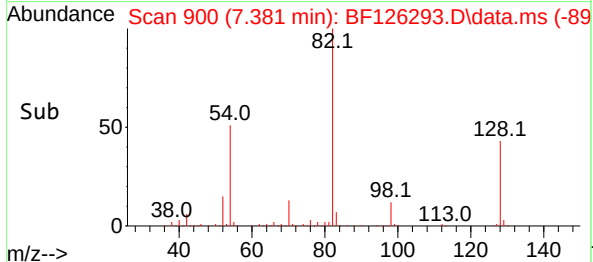
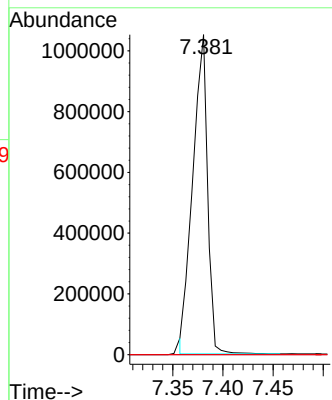
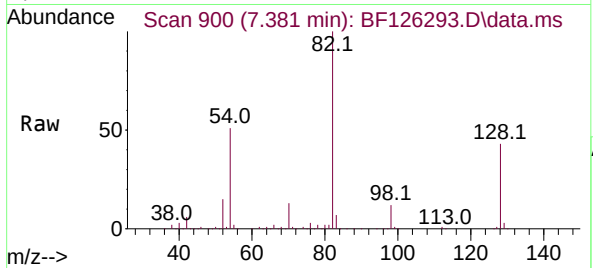




#25
Isophorone
Concen: 43.490 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126293.D
Acq: 21 Dec 2021 10:29

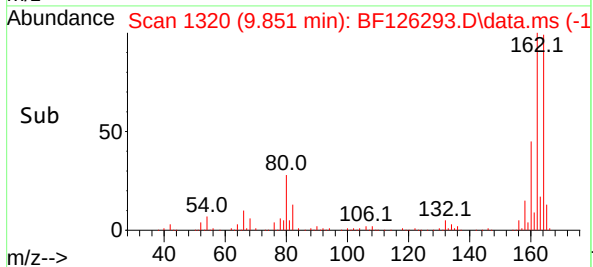
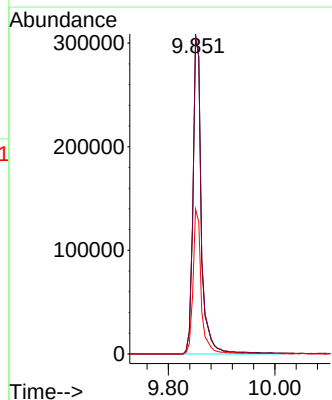
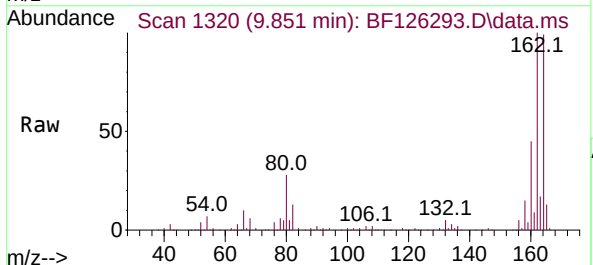
Instrument :
BNA_F
ClientSampleId :

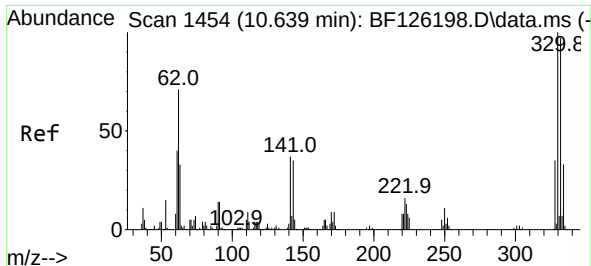
Tgt Ion: 82 Resp: 1081962
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126293.D
Acq: 21 Dec 2021 10:29

Tgt Ion:164 Resp: 335339
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 45.6 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 126.947 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.006 min

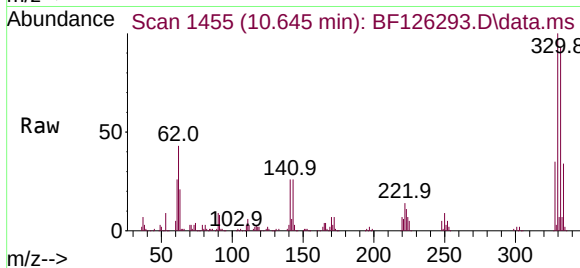
Lab File: BF126293.D

Acq: 21 Dec 2021 10:29

Instrument :

BNA_F

ClientSampleId :



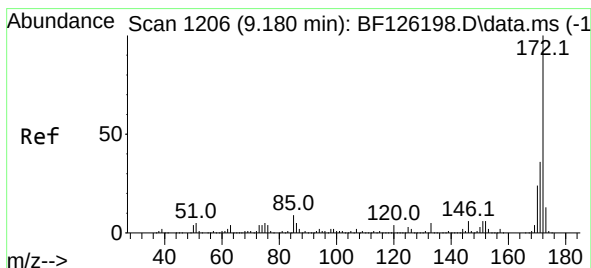
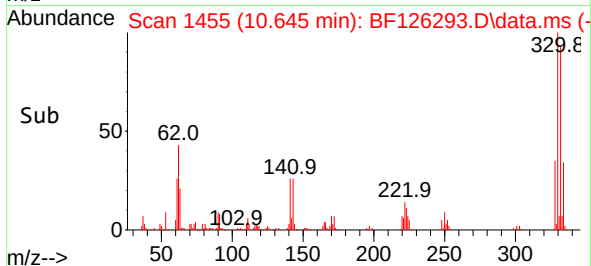
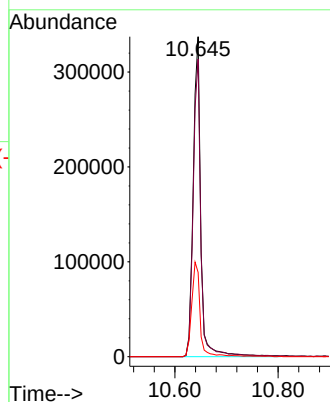
Tgt Ion:330 Resp: 342113

Ion Ratio Lower Upper

330 100

332 93.9 76.2 114.4

141 33.2 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 81.854 ng

RT: 9.180 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF126293.D

Acq: 21 Dec 2021 10:29

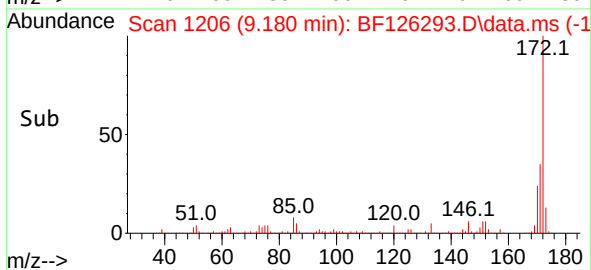
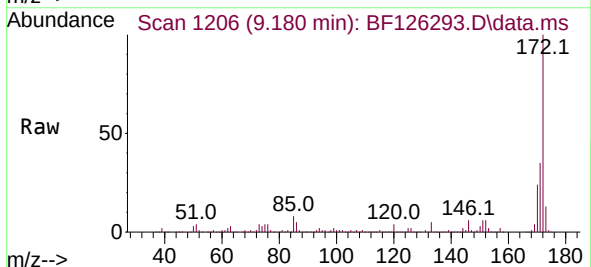
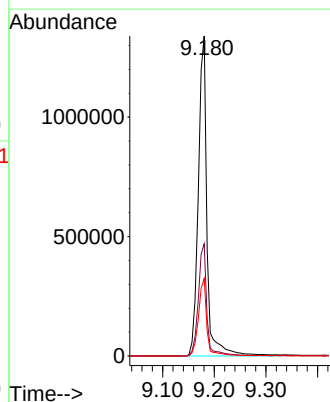
Tgt Ion:172 Resp: 1565026

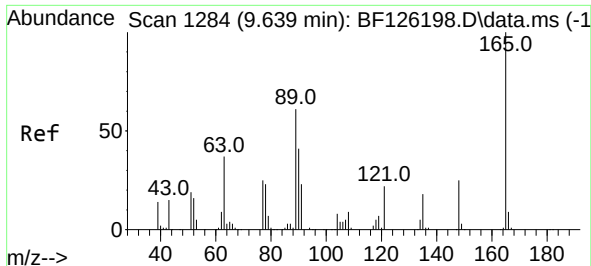
Ion Ratio Lower Upper

172 100

171 35.0 26.5 39.7

170 24.2 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.954 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126293.D

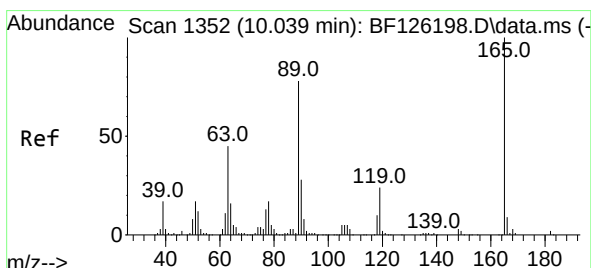
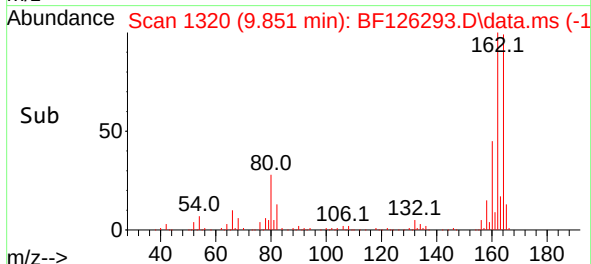
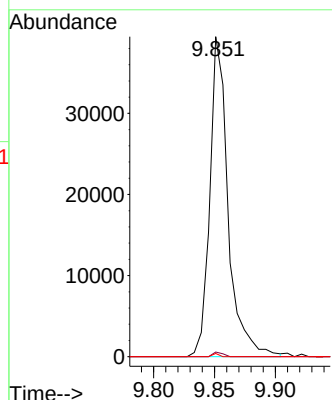
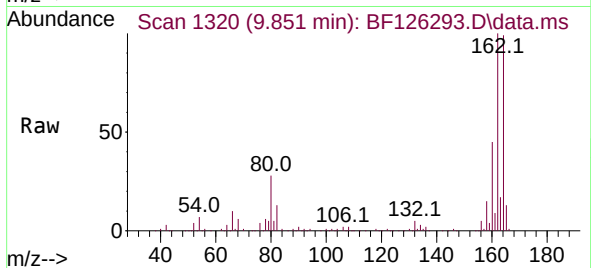
Acq: 21 Dec 2021 10:29

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165	Resp:	41169
Ion Ratio	Lower	Upper
165	100	
63	1.4	42.6 63.8#
89	1.0	40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.065 ng

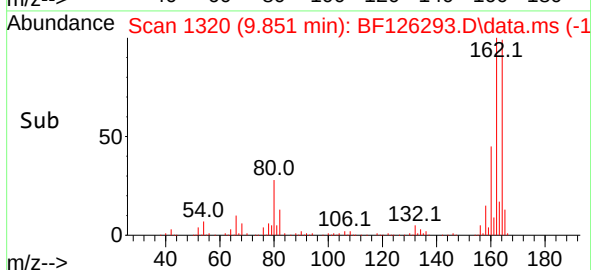
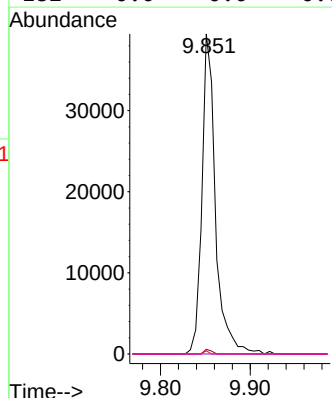
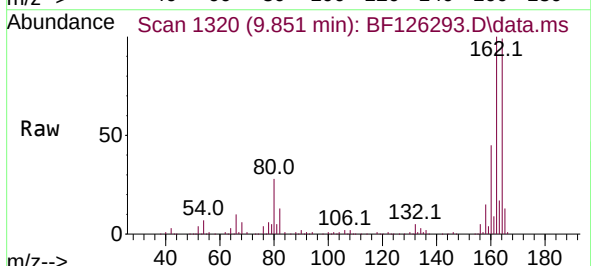
RT: 9.851 min Scan# 1320

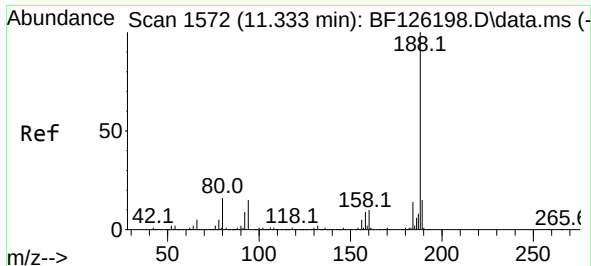
Delta R.T. -0.188 min

Lab File: BF126293.D

Acq: 21 Dec 2021 10:29

Tgt Ion:165	Resp:	41435
Ion Ratio	Lower	Upper
165	100	
63	1.4	40.9 61.3#
89	1.0	59.7 89.5#
182	0.0	0.0 0.0

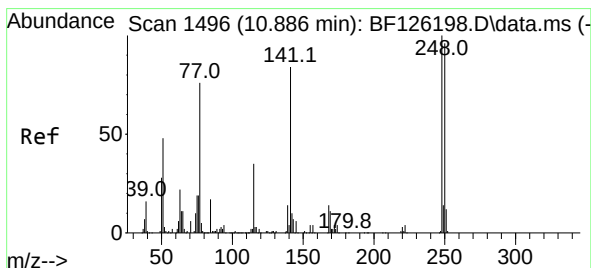
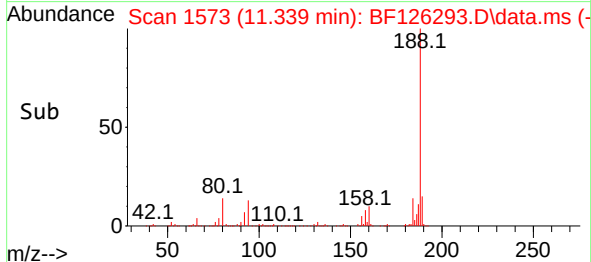
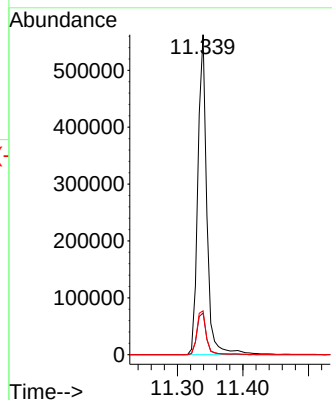
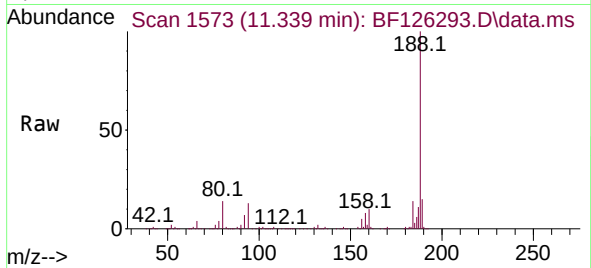




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126293.D
Acq: 21 Dec 2021 10:29

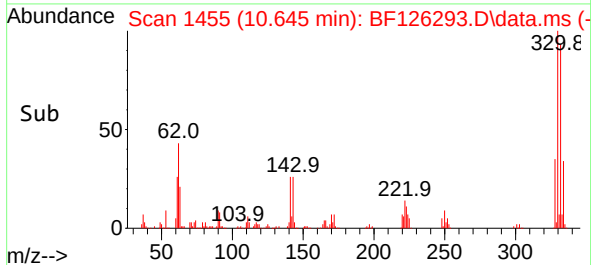
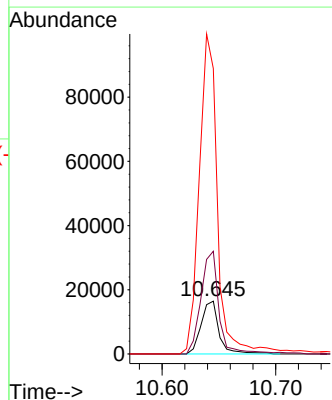
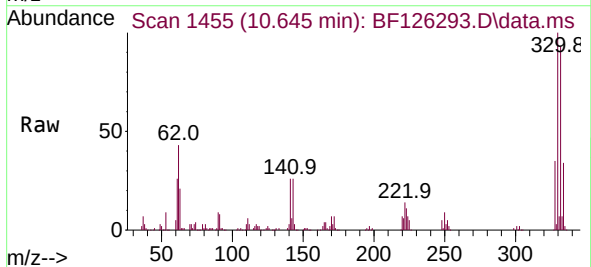
Instrument :
BNA_F
ClientSampleId :

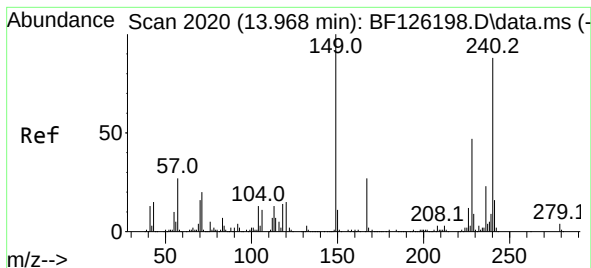
Tgt Ion:188 Resp: 535402
Ion Ratio Lower Upper
188 100
94 13.0 6.7 10.1#
80 13.7 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.582 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF126293.D
Acq: 21 Dec 2021 10:29

Tgt Ion:248 Resp: 18000
Ion Ratio Lower Upper
248 100
250 194.8 74.2 111.4#
141 541.1 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: BF126293.D

Acq: 21 Dec 2021 10:29

Instrument :

BNA_F

ClientSampleId :

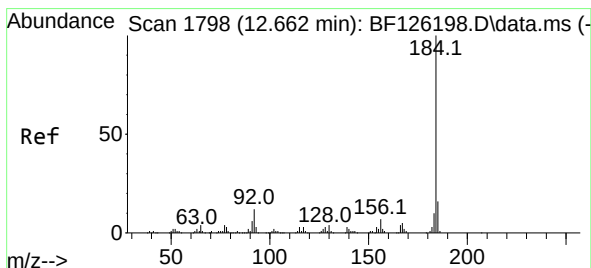
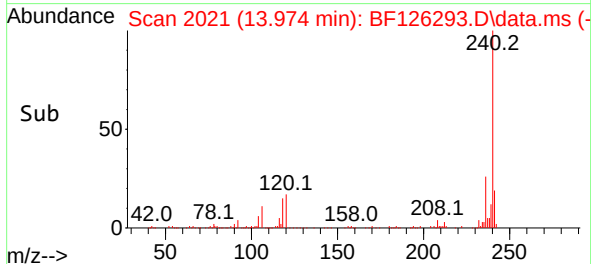
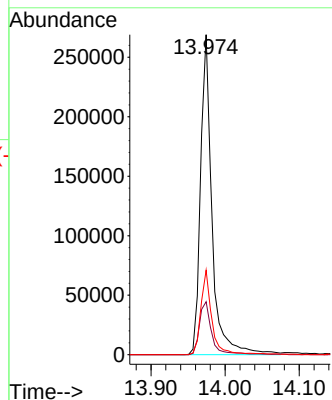
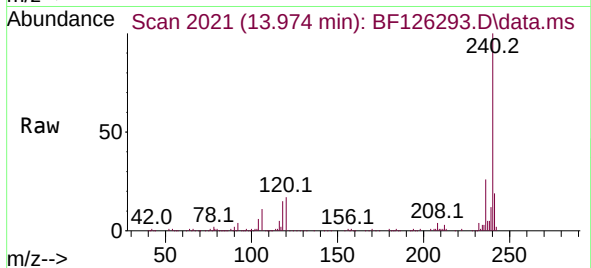
Tgt Ion:240 Resp: 288882

Ion Ratio Lower Upper

240 100

120 16.6 10.8 16.2#

236 26.4 21.6 32.4



#77

Benzidine

Concen: 3.403 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.265 min

Lab File: BF126293.D

Acq: 21 Dec 2021 10:29

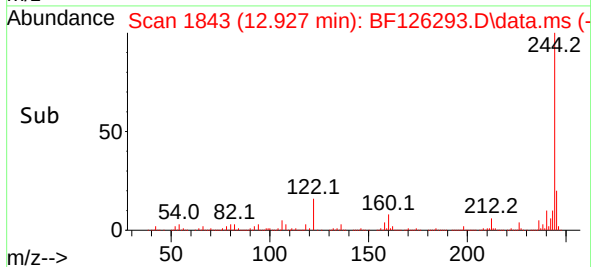
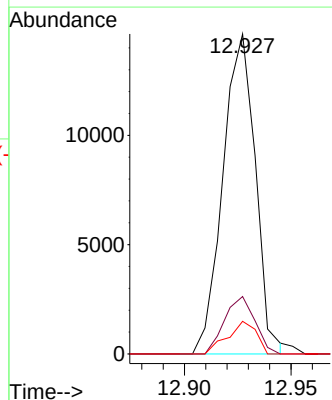
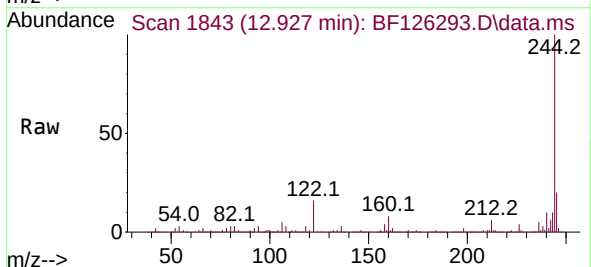
Tgt Ion:184 Resp: 15500

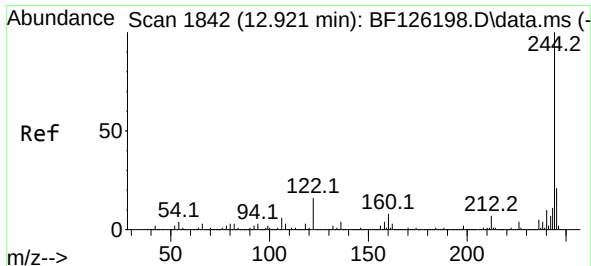
Ion Ratio Lower Upper

184 100

185 17.9 10.8 16.2#

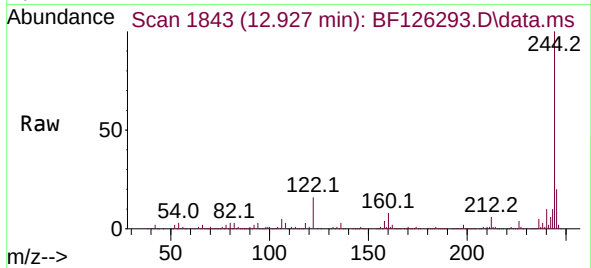
183 10.2 8.1 12.1



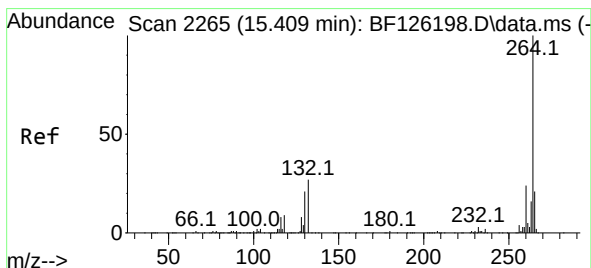
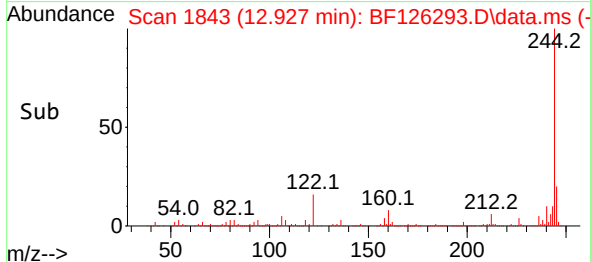
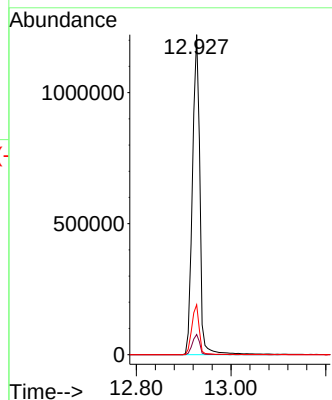


#79
 Terphenyl-d14
 Concen: 80.234 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126293.D
 Acq: 21 Dec 2021 10:29

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1333519
 Ion Ratio Lower Upper
 244 100
 212 6.3 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: BF126293.D
 Acq: 21 Dec 2021 10:29

Tgt Ion:264 Resp: 264543
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 20.7 17.2 25.8

