

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126356.D
 Acq On : 27 Dec 2021 15:18
 Operator : JU/CG
 Sample : PB144652BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141652BL

Quant Time: Dec 27 15:58:35 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)

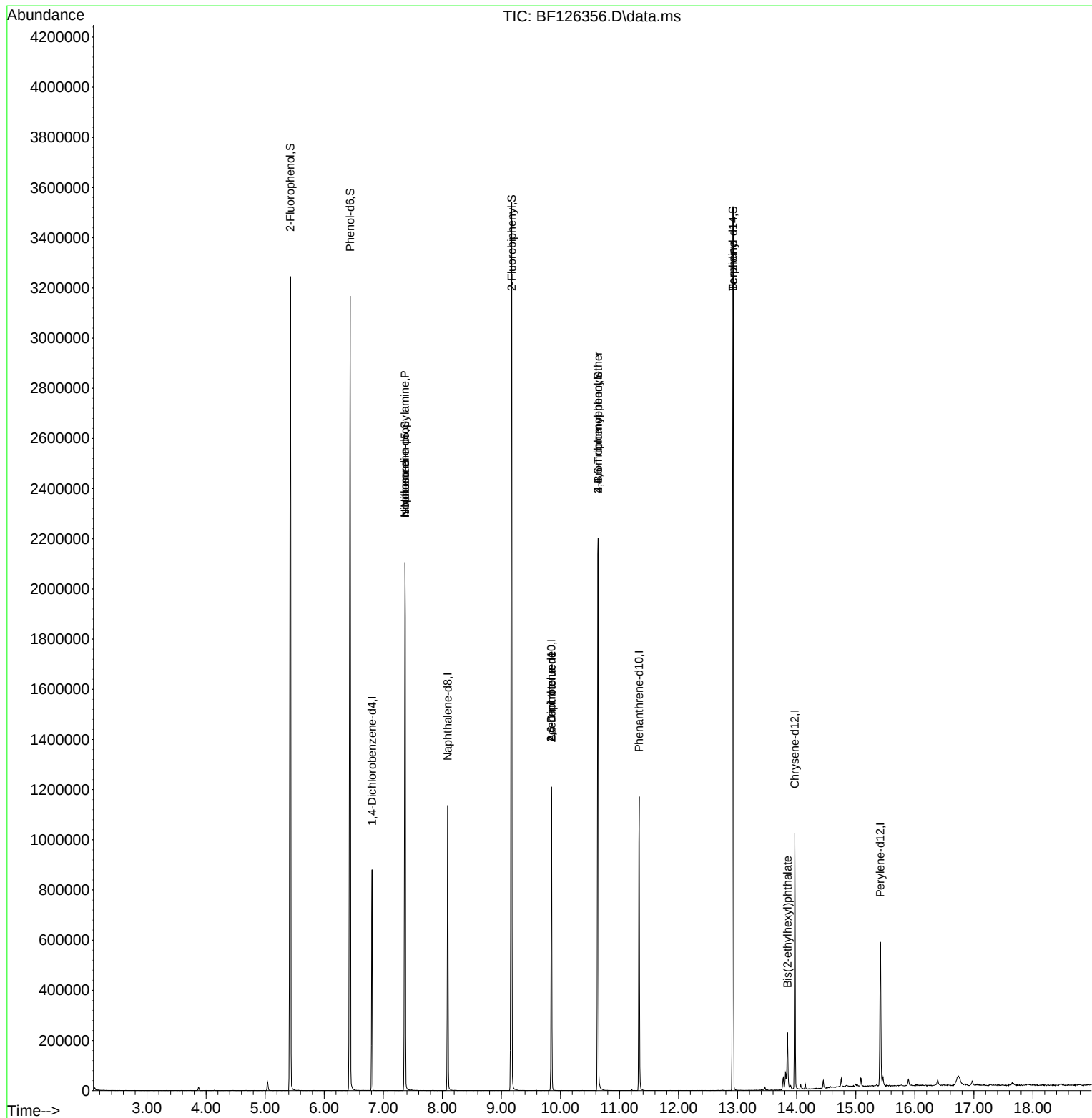
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	125972	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	534437	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	259751	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	440441	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	322714	20.000	ng	#-0.01
86) Perylene-d12	15.415	264	249475	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1053721	123.183	ng	0.00
7) Phenol-d6	6.439	99	1350738	124.360	ng	0.00
23) Nitrobenzene-d5	7.369	82	854250	86.569	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	308768	147.914	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1257879	84.934	ng	0.00
79) Terphenyl-d14	12.921	244	1301254	70.085	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	107327	16.096	ng	# 55
25) Isophorone	7.369	82	851149	45.676	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	33566	9.425	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	33566	7.389	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	15397	3.725	ng	# 1
77) Benzidine	12.921	184	15925	3.130	ng	96
84) Bis(2-ethylhexyl)phtha...	13.845	149	79652	5.109	ng	# 53

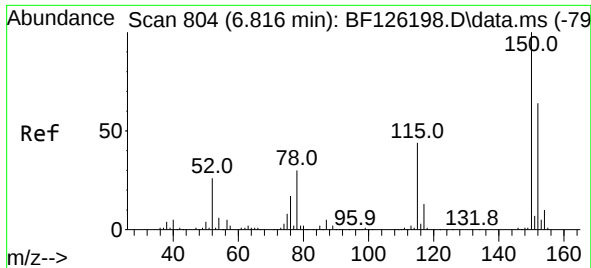
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126356.D
Acq On : 27 Dec 2021 15:18
Operator : JU/CG
Sample : PB144652BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB141652BL

Quant Time: Dec 27 15:58:35 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

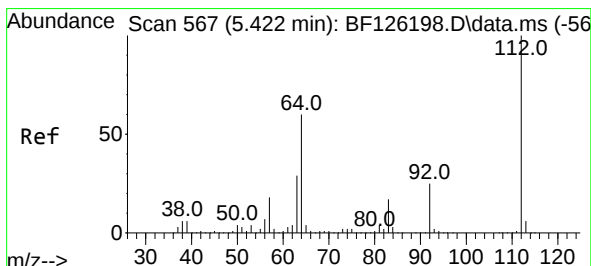
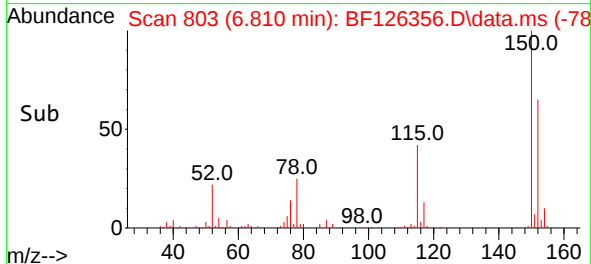
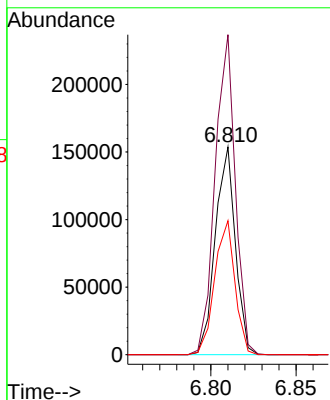
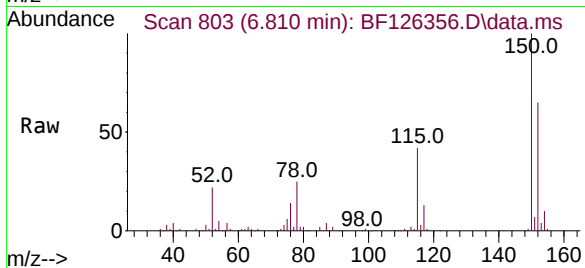




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

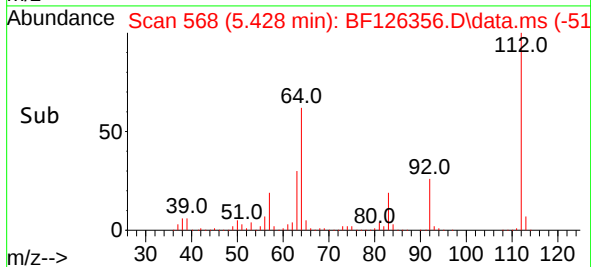
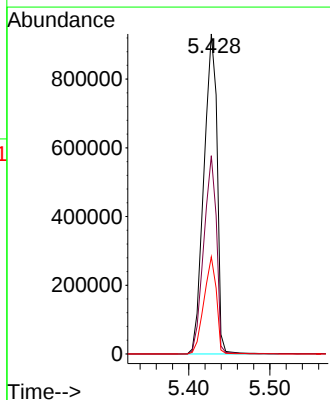
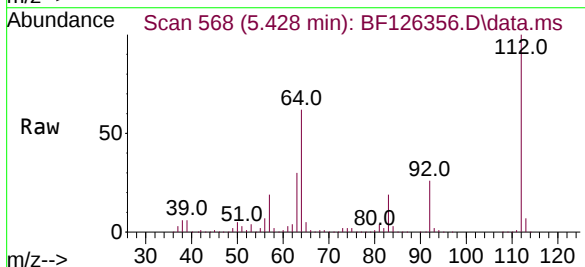
Instrument :
BNA_F
ClientSampleId :
PB141652BL

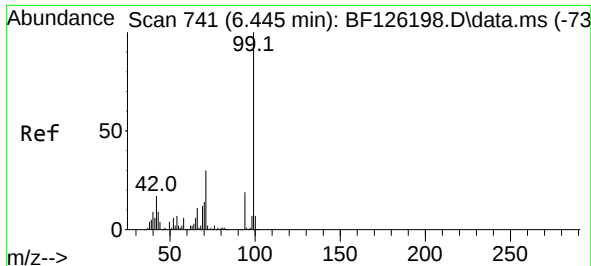
Tgt Ion:152 Resp: 125972
Ion Ratio Lower Upper
152 100
150 154.1 117.6 176.4
115 64.5 47.1 70.7



#5
2-Fluorophenol
Concen: 123.183 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

Tgt Ion:112 Resp: 1053721
Ion Ratio Lower Upper
112 100
64 61.9 44.2 66.2
63 30.4 26.2 39.2

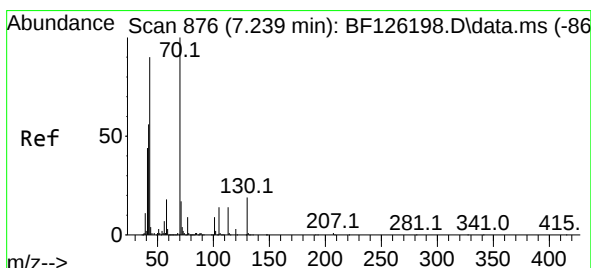
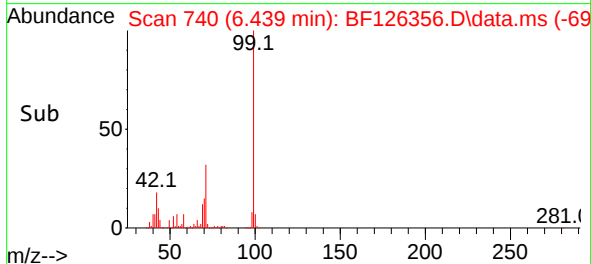
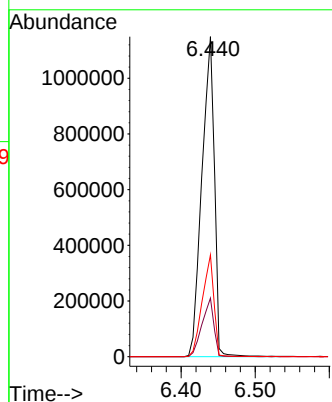
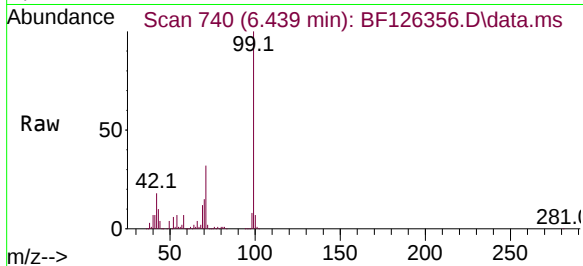




#7
Phenol-d6
Concen: 124.360 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

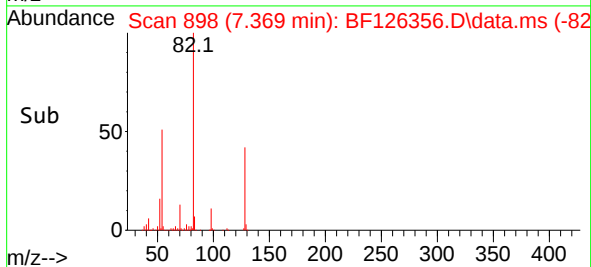
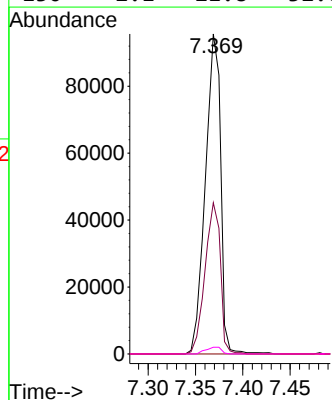
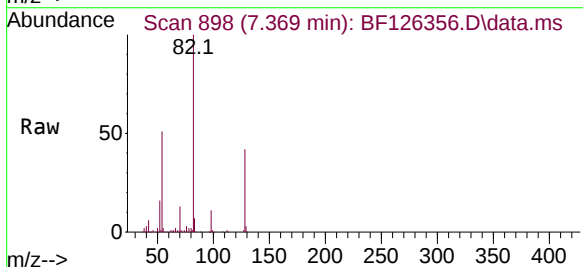
Instrument :
BNA_F
ClientSampleId :
PB141652BL

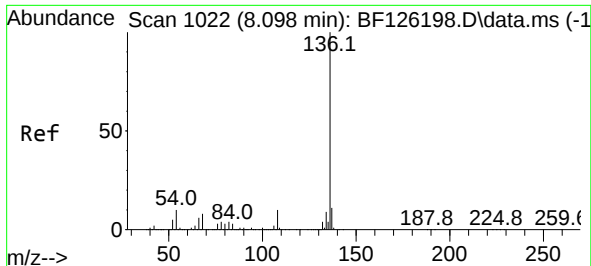
Tgt Ion: 99 Resp: 1350738
Ion Ratio Lower Upper
99 100
42 18.3 23.5 35.3#
71 31.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.096 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

Tgt Ion: 70 Resp: 107327
Ion Ratio Lower Upper
70 100
42 47.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#

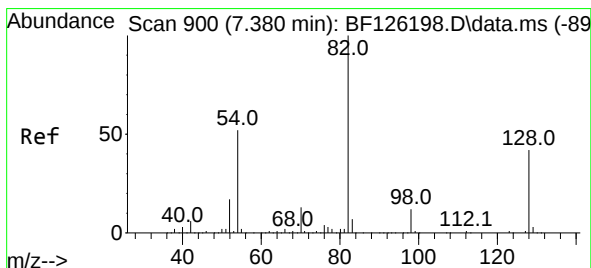
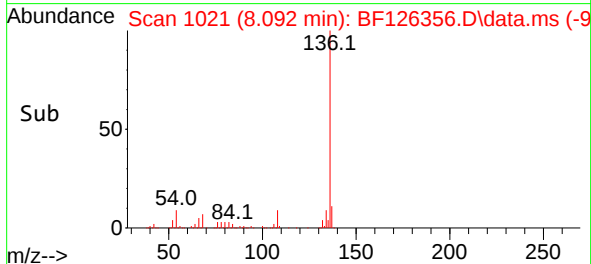
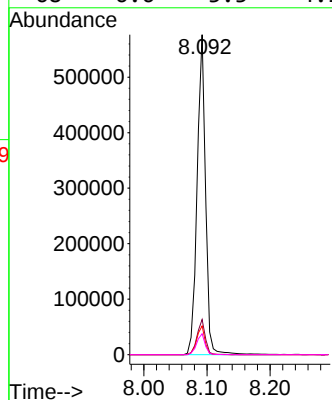
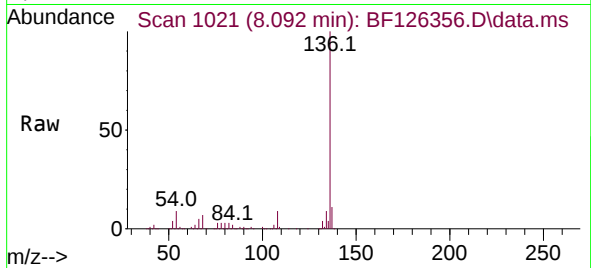




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

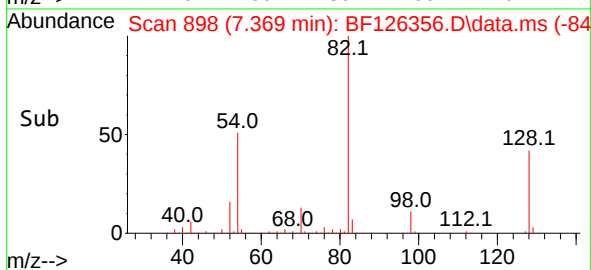
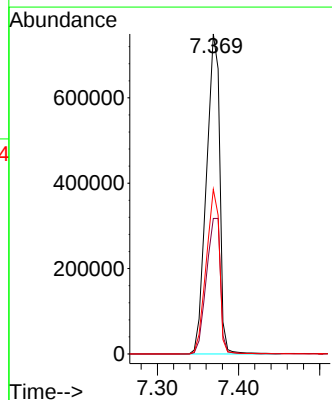
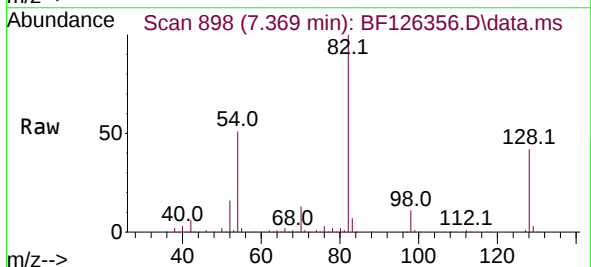
Instrument :
BNA_F
ClientSampleId :
PB141652BL

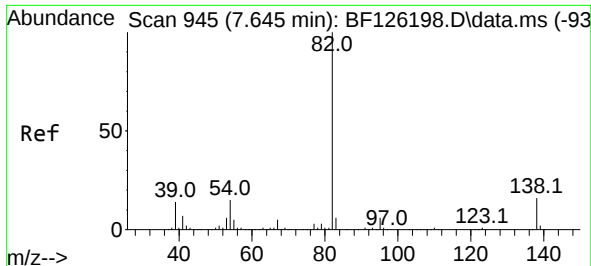
Tgt Ion:	136	Resp:	534437
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.6
54	9.0	6.4	9.6
68	6.6	3.3	4.9



#23
Nitrobenzene-d5
Concen: 86.569 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

Tgt Ion:	82	Resp:	854250
Ion Ratio	Lower	Upper	
82	100		
128	42.3	40.6	60.8
54	51.4	49.6	74.4

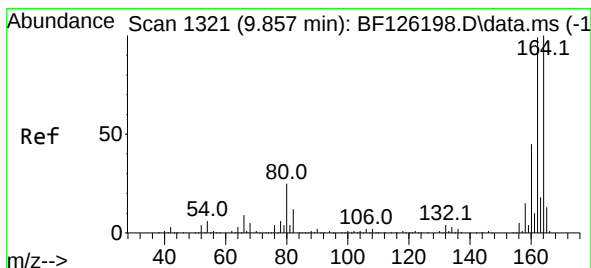
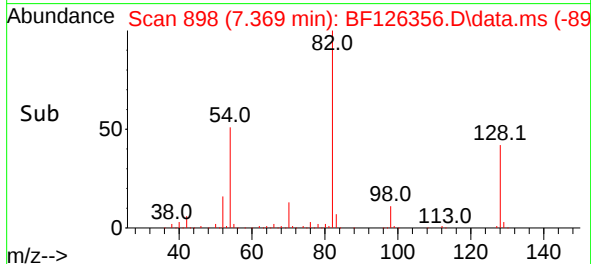
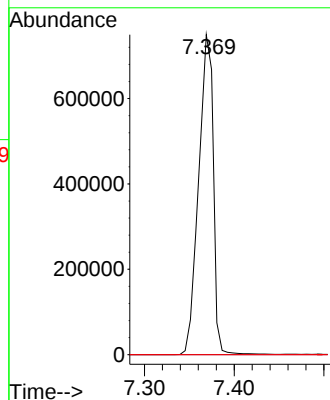
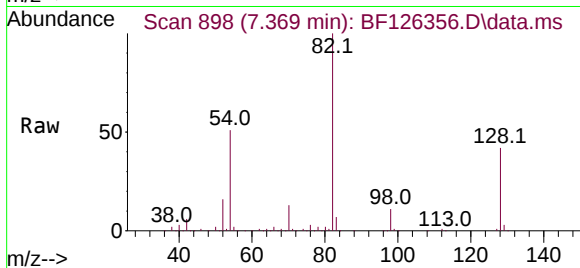




#25
Isophorone
Concen: 45.676 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

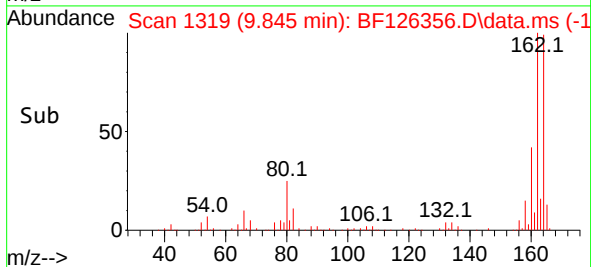
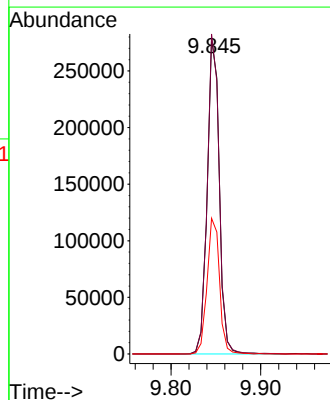
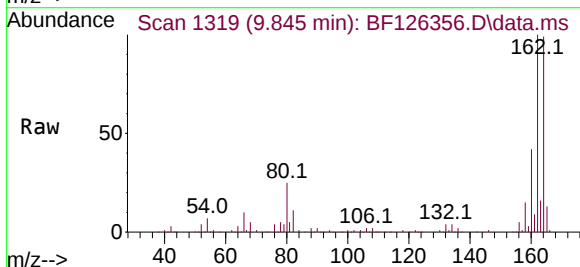
Instrument :
BNA_F
ClientSampleId :
PB141652BL

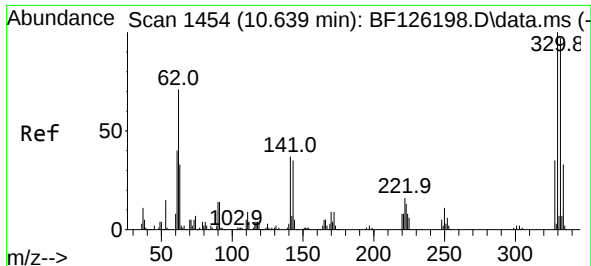
Tgt Ion: 82 Resp: 851149
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

Tgt Ion:164 Resp: 259751
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 43.1 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 147.914 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF126356.D

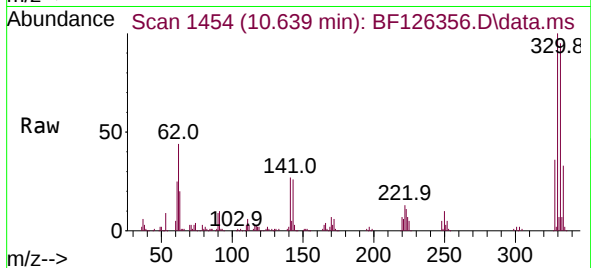
Acq: 27 Dec 2021 15:18

Instrument :

BNA_F

ClientSampleId :

PB141652BL



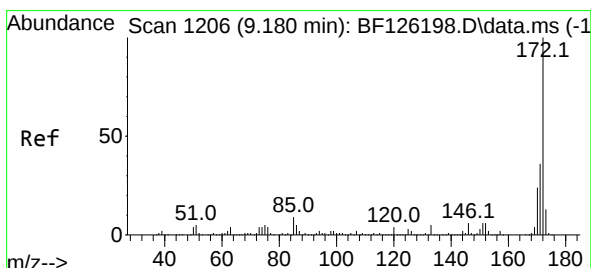
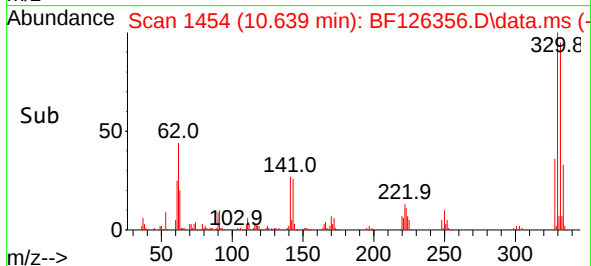
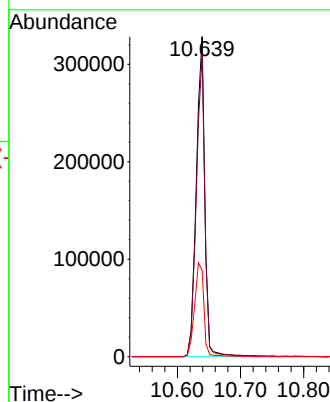
Tgt Ion:330 Resp: 308768

Ion Ratio Lower Upper

330 100

332 94.3 76.2 114.4

141 32.0 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 84.934 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126356.D

Acq: 27 Dec 2021 15:18

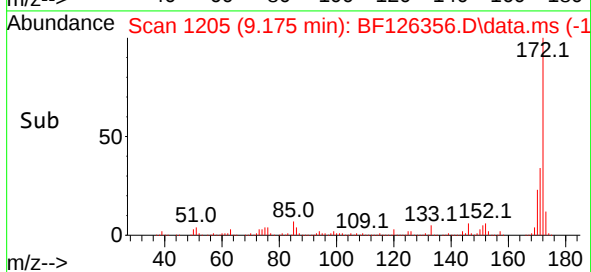
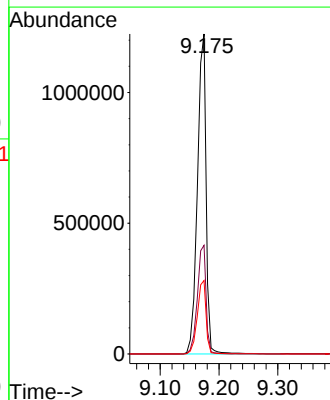
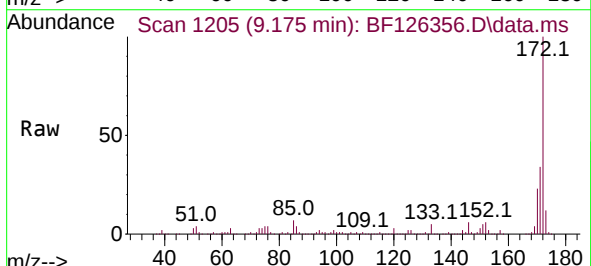
Tgt Ion:172 Resp: 1257879

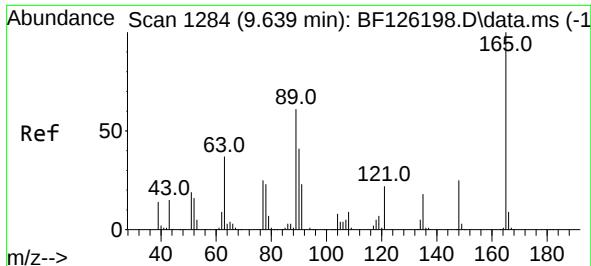
Ion Ratio Lower Upper

172 100

171 34.0 26.5 39.7

170 22.9 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.425 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF126356.D

Acq: 27 Dec 2021 15:18

Instrument :

BNA_F

ClientSampleId :

PB141652BL

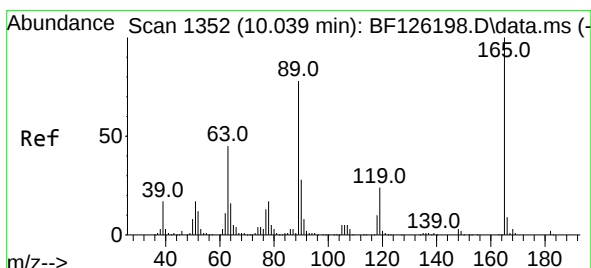
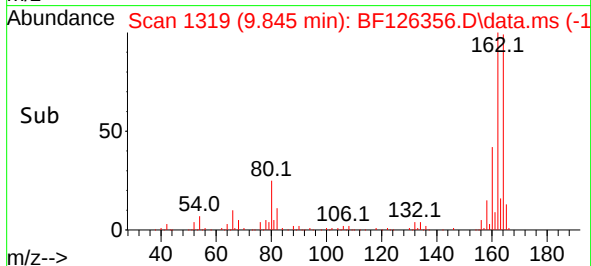
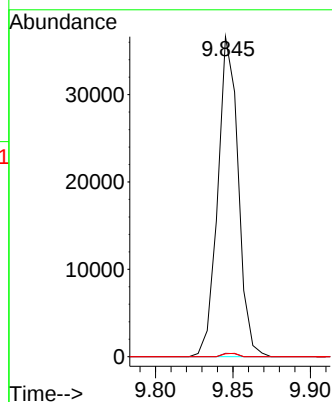
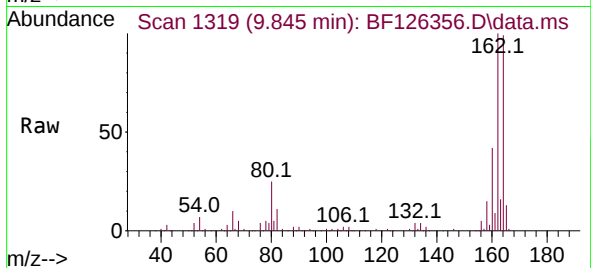
Tgt Ion:165 Resp: 33566

Ion Ratio Lower Upper

165 100

63 1.1 42.6 63.8#

89 0.9 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.389 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.194 min

Lab File: BF126356.D

Acq: 27 Dec 2021 15:18

Tgt Ion:165 Resp: 33566

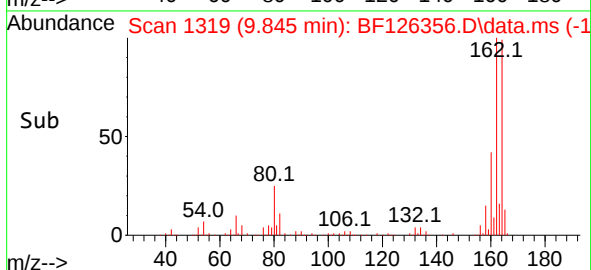
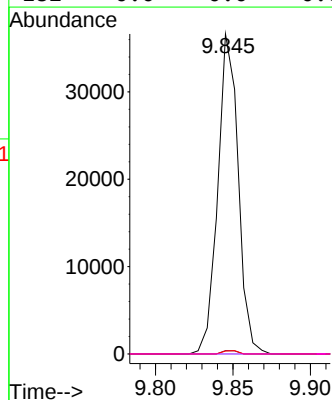
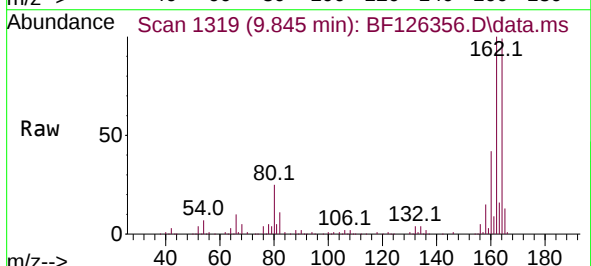
Ion Ratio Lower Upper

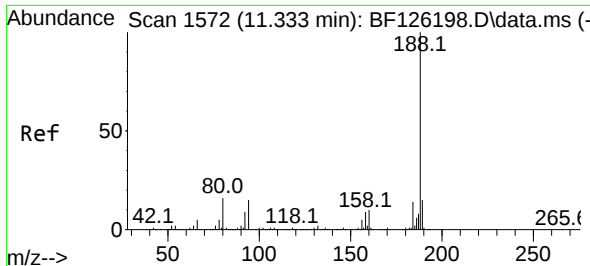
165 100

63 1.1 40.9 61.3#

89 0.9 59.7 89.5#

182 0.0 0.0 0.0

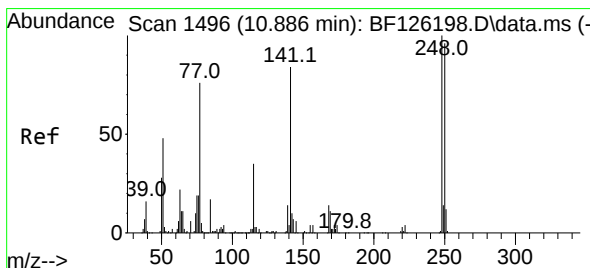
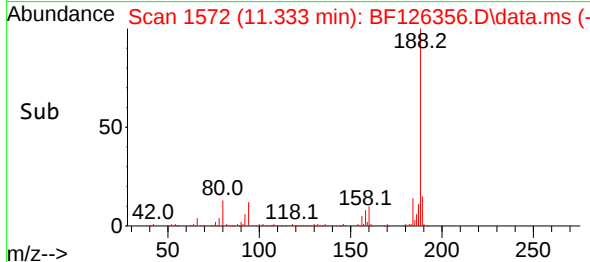
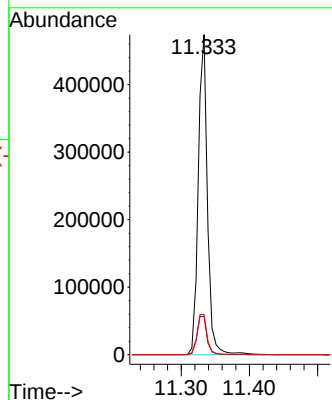
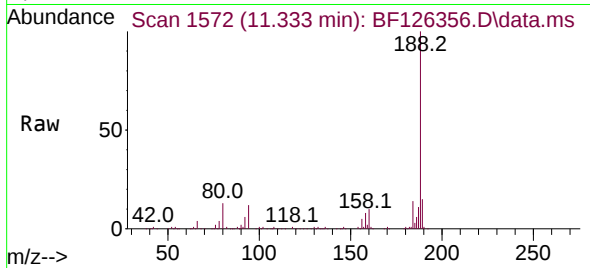




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

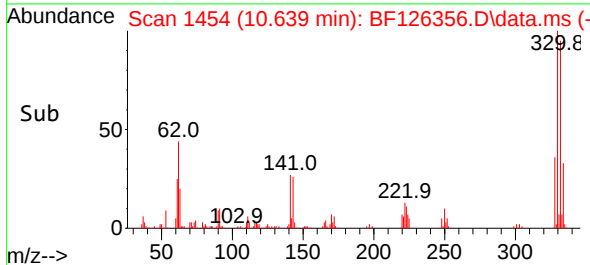
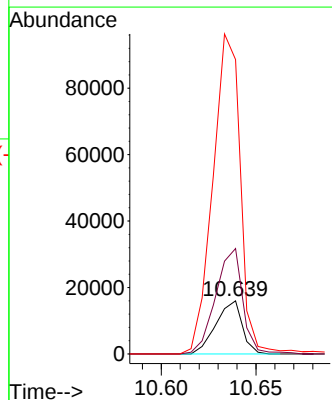
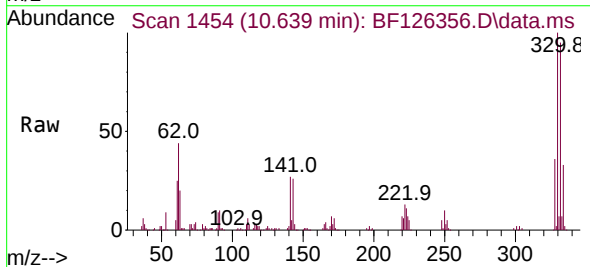
Instrument :
BNA_F
ClientSampleId :
PB141652BL

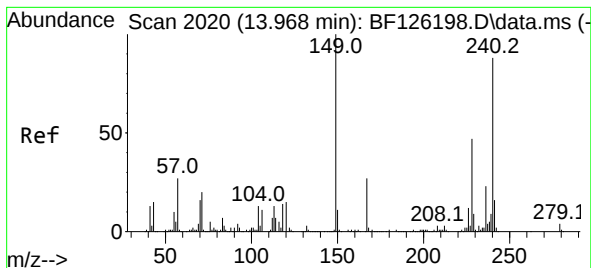
Tgt Ion:188 Resp: 440441
Ion Ratio Lower Upper
188 100
94 12.0 6.7 10.1#
80 12.5 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.725 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

Tgt Ion:248 Resp: 15397
Ion Ratio Lower Upper
248 100
250 198.5 74.2 111.4#
141 554.1 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: BF126356.D

Acq: 27 Dec 2021 15:18

Instrument :

BNA_F

ClientSampleId :

PB141652BL

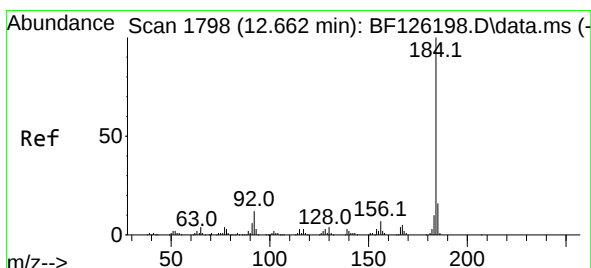
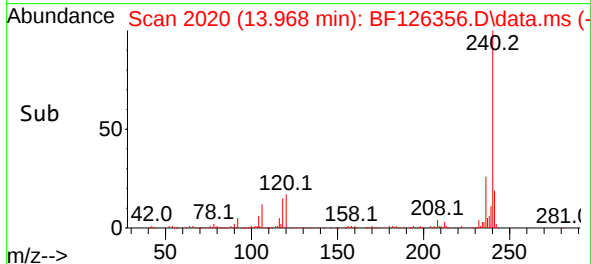
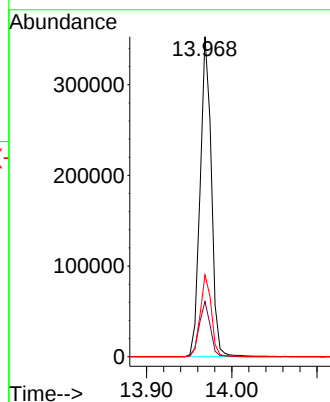
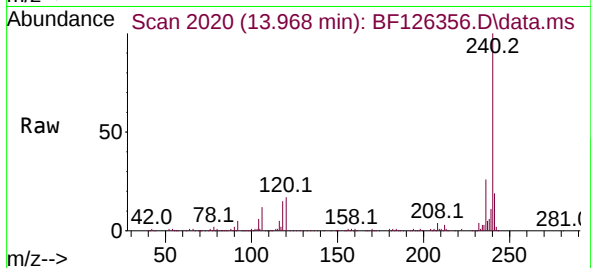
Tgt Ion:240 Resp: 322714

Ion Ratio Lower Upper

240 100

120 17.3 10.8 16.2#

236 25.6 21.6 32.4



#77

Benzidine

Concen: 3.130 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.247 min

Lab File: BF126356.D

Acq: 27 Dec 2021 15:18

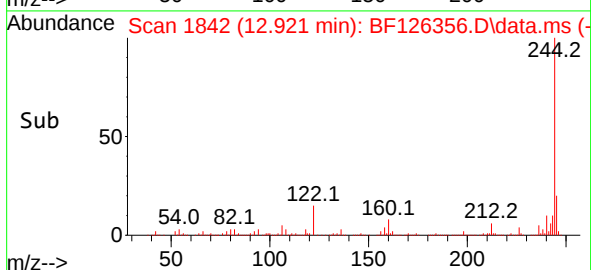
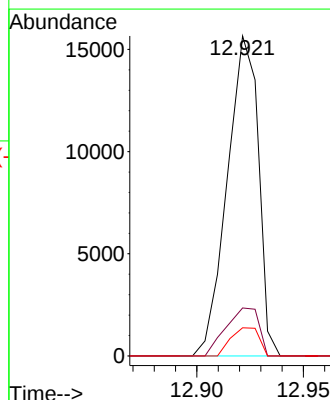
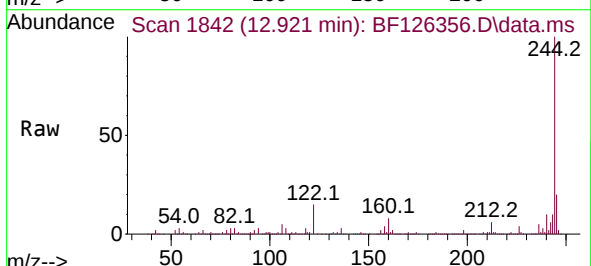
Tgt Ion:184 Resp: 15925

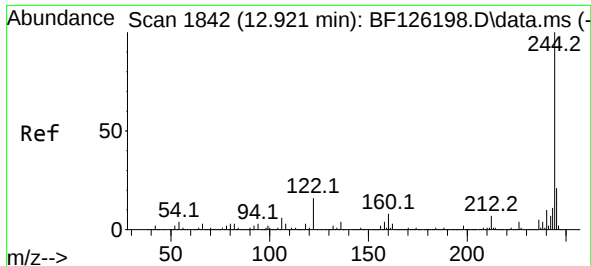
Ion Ratio Lower Upper

184 100

185 15.0 10.8 16.2

183 8.8 8.1 12.1

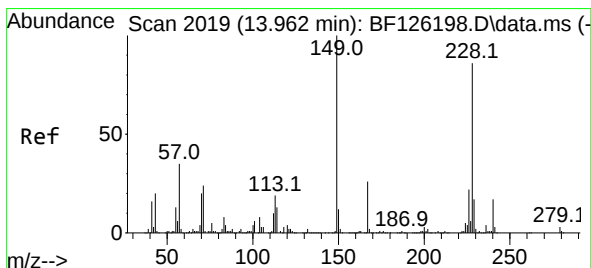
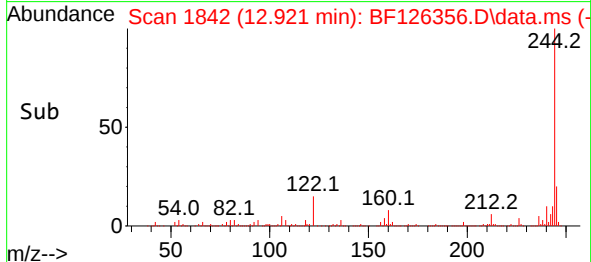
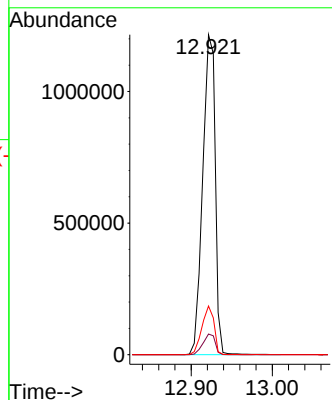
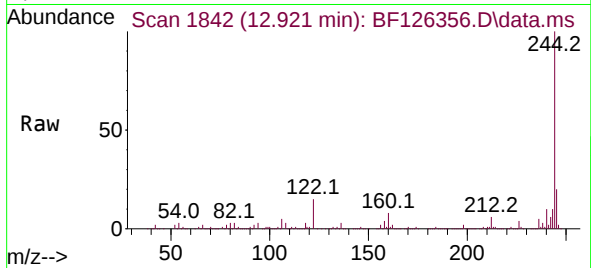




#79
 Terphenyl-d14
 Concen: 70.085 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF126356.D
 Acq: 27 Dec 2021 15:18

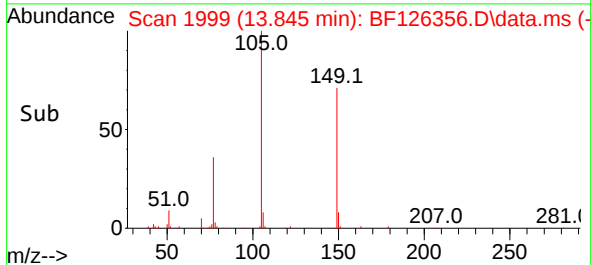
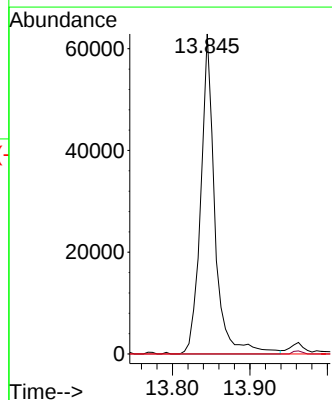
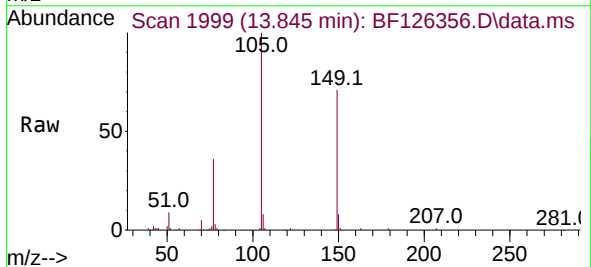
Instrument :
 BNA_F
 ClientSampleId :
 PB141652BL

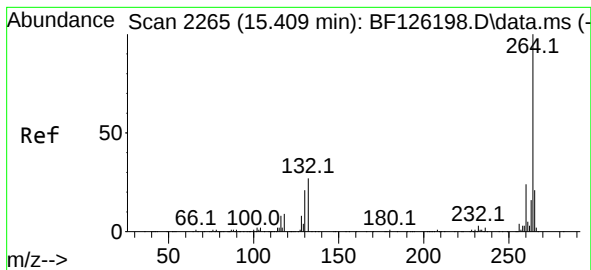
Tgt Ion:244 Resp: 1301254
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 15.2 9.0 13.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.109 ng
 RT: 13.845 min Scan# 1919
 Delta R.T. -0.118 min
 Lab File: BF126356.D
 Acq: 27 Dec 2021 15:18

Tgt Ion:149 Resp: 79652
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.0#
 279 0.0 2.6 4.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF126356.D

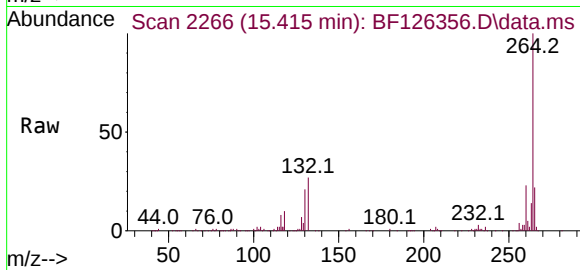
Acq: 27 Dec 2021 15:18

Instrument :

BNA_F

ClientSampleId :

PB141652BL



Tgt Ion:264 Resp: 249475

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 22.2 17.2 25.8

