

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126249.D
 Acq On : 18 Dec 2021 12:24
 Operator : JU/CG
 Sample : PB141454TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141454TB

Quant Time: Dec 20 08:01:27 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)

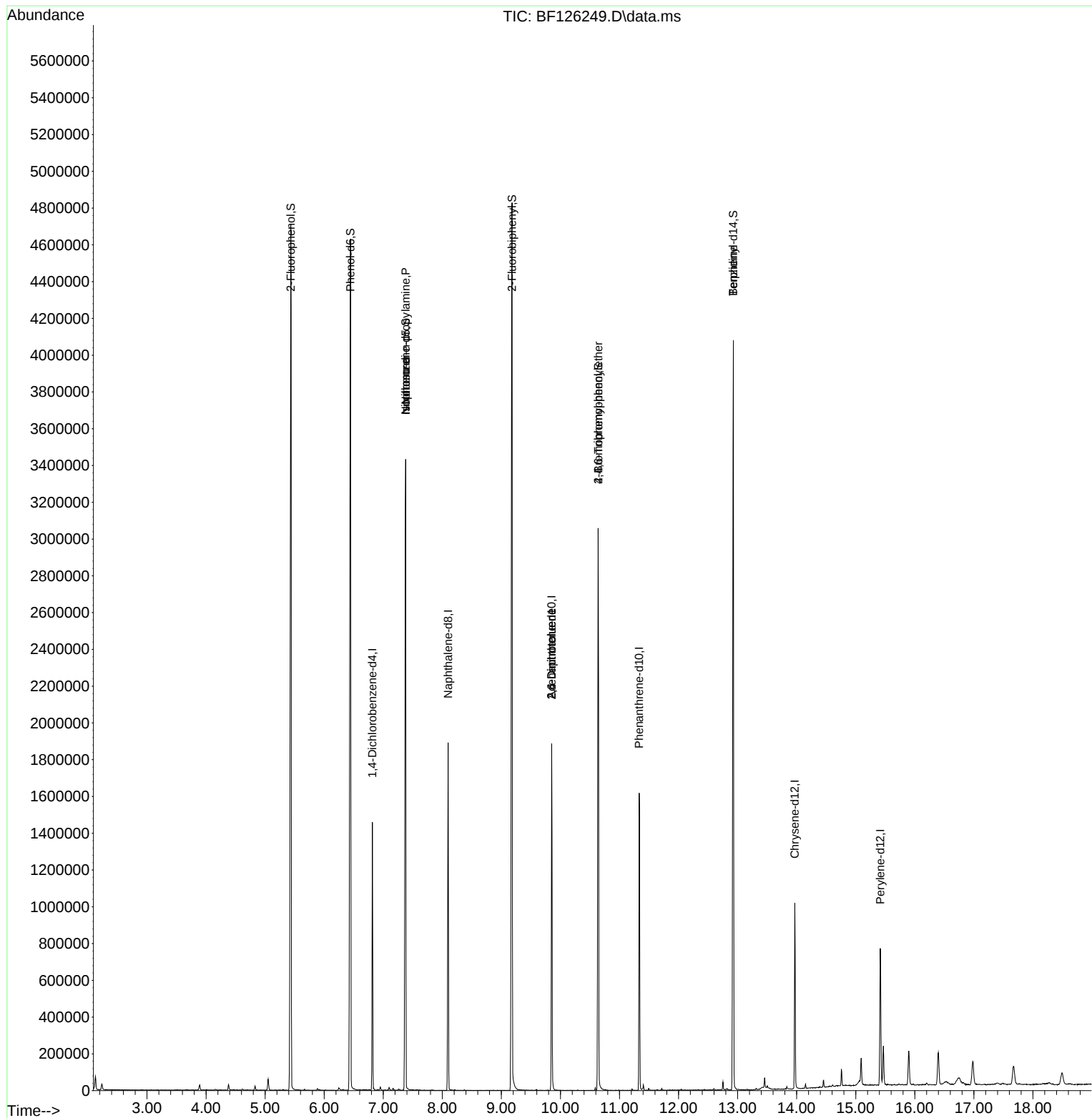
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	188757	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	815936	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	377053	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	581609	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	319590	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	315029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1580901	123.339	ng	0.01
7) Phenol-d6	6.445	99	1994515	122.551	ng	0.00
23) Nitrobenzene-d5	7.381	82	1326539	88.051	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	377695	124.645	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1780554	82.823	ng	0.00
79) Terphenyl-d14	12.927	244	1419945	77.225	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	166714	16.686	ng	# 54
25) Isophorone	7.381	82	1290804	45.371	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	50708	9.809	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	50708	7.689	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	19258	3.528	ng	# 1
77) Benzidine	12.927	184	17758	3.524	ng	# 92

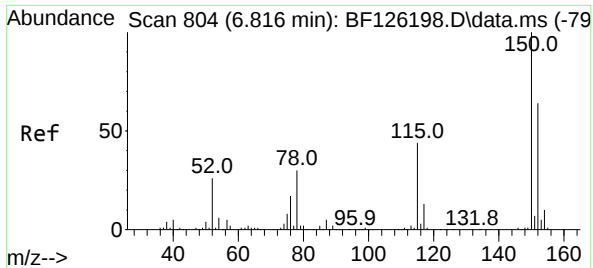
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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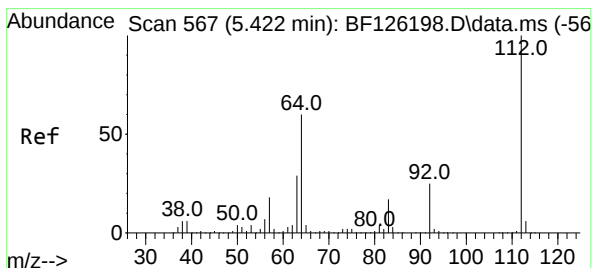
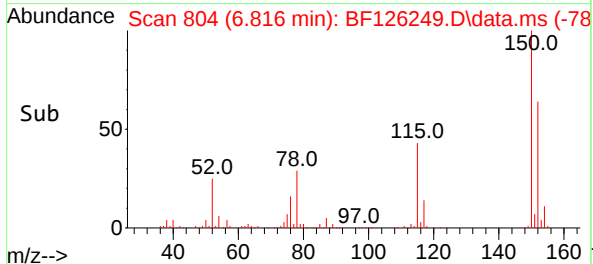
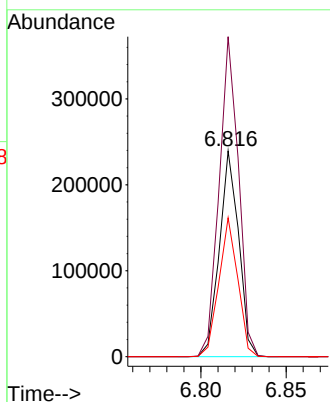
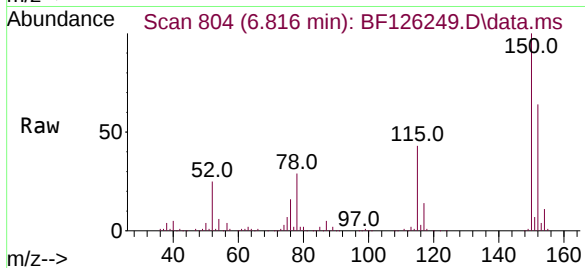




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126249.D
Acq: 18 Dec 2021 12:24

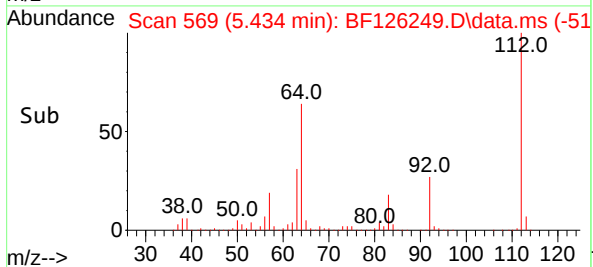
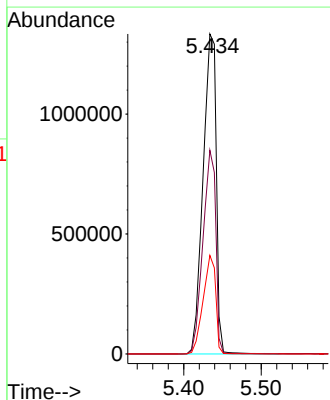
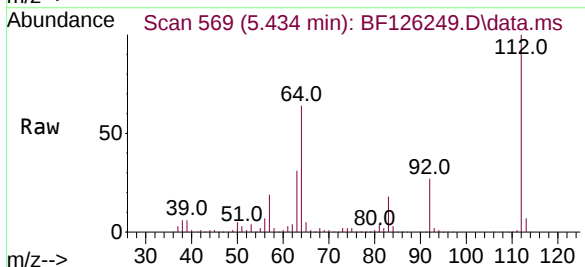
Instrument :
BNA_F
ClientSampleId :
PB141454TB

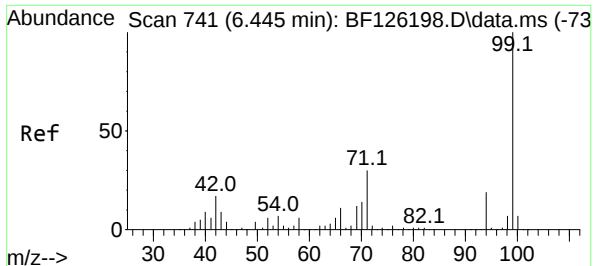
Tgt Ion:152 Resp: 188757
Ion Ratio Lower Upper
152 100
150 155.5 117.6 176.4
115 67.5 47.1 70.7



#5
2-Fluorophenol
Concen: 123.339 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126249.D
Acq: 18 Dec 2021 12:24

Tgt Ion:112 Resp: 1580901
Ion Ratio Lower Upper
112 100
64 63.6 44.2 66.2
63 30.8 26.2 39.2

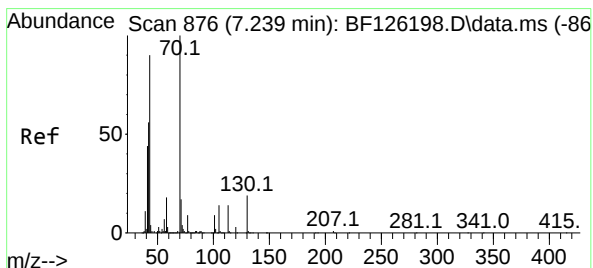
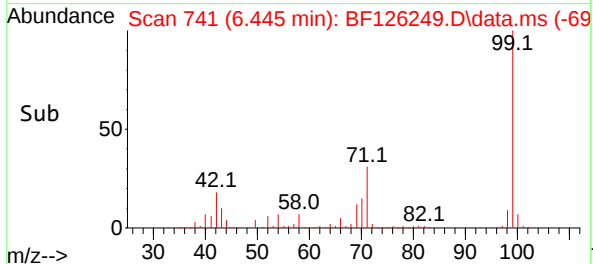
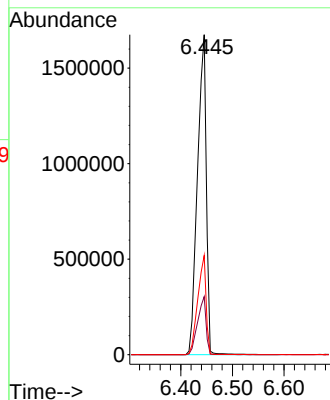
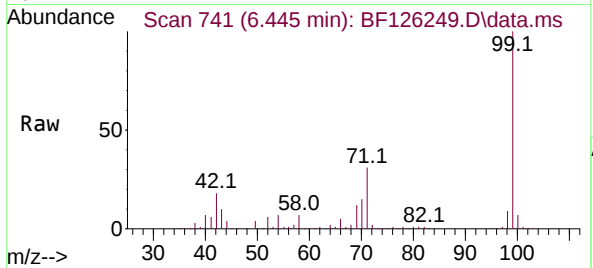




#7
Phenol-d6
Concen: 122.551 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126249.D
Acq: 18 Dec 2021 12:24

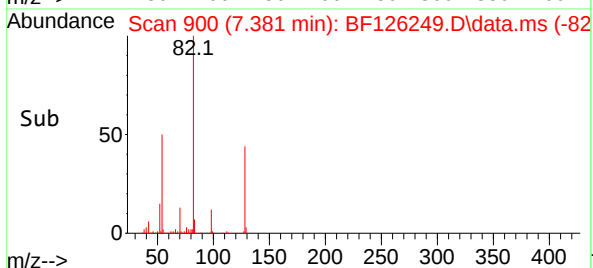
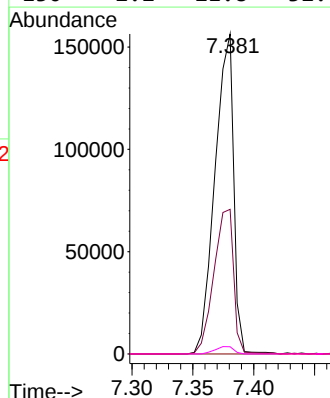
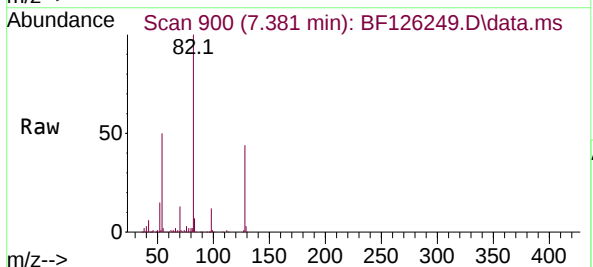
Instrument :
BNA_F
ClientSampleId :
PB141454TB

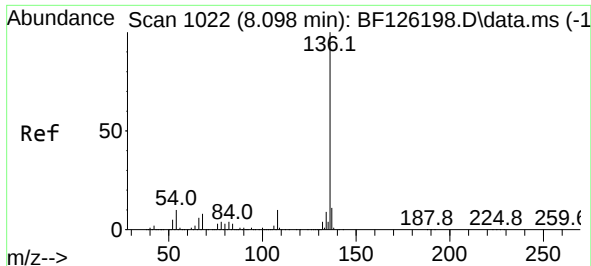
Tgt Ion: 99 Resp: 1994515
Ion Ratio Lower Upper
99 100
42 18.1 23.5 35.3#
71 31.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.686 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF126249.D
Acq: 18 Dec 2021 12:24

Tgt Ion: 70 Resp: 166714
Ion Ratio Lower Upper
70 100
42 45.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#

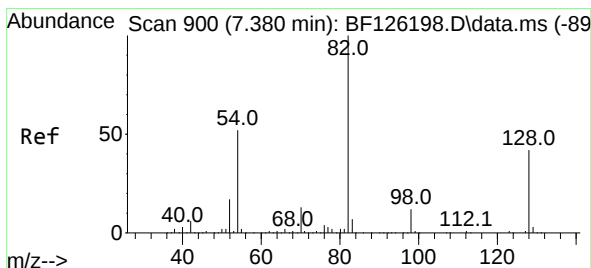
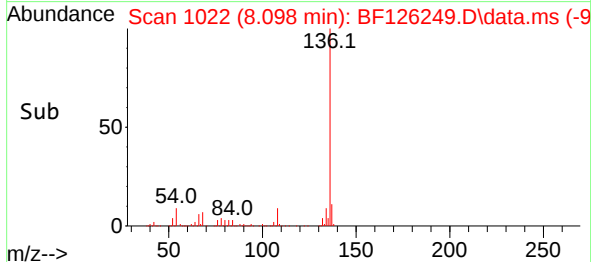
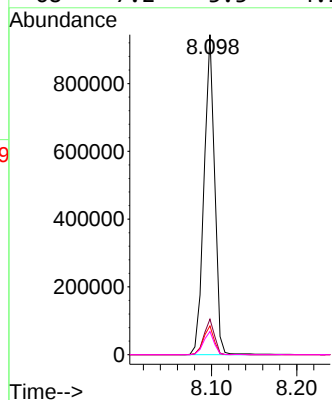
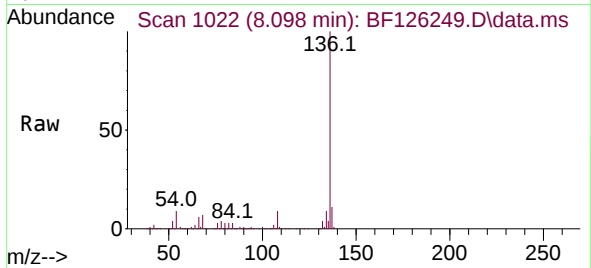




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126249.D
Acq: 18 Dec 2021 12:24

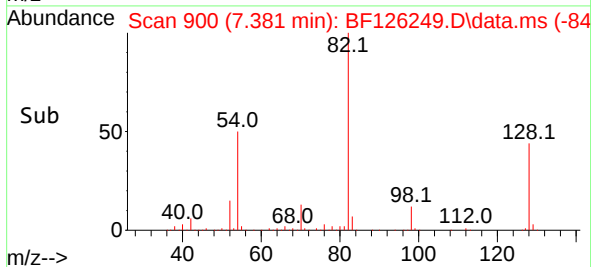
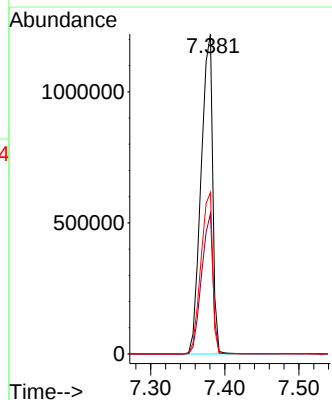
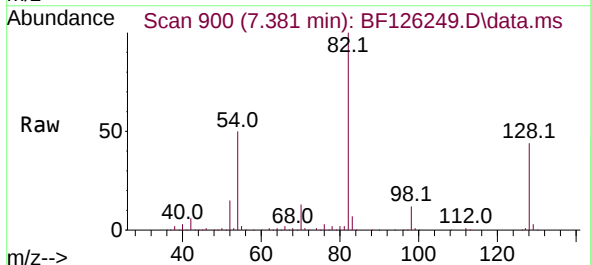
Instrument :
BNA_F
ClientSampleId :
PB141454TB

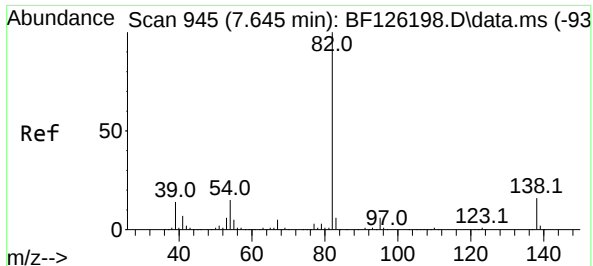
Tgt Ion:	136	Resp:	815936
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	9.0	6.4	9.6
68	7.2	3.3	4.9



#23
Nitrobenzene-d5
Concen: 88.051 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF126249.D
Acq: 18 Dec 2021 12:24

Tgt Ion:	82	Resp:	1326539
Ion	Ratio	Lower	Upper
82	100		
128	43.9	40.6	60.8
54	50.5	49.6	74.4

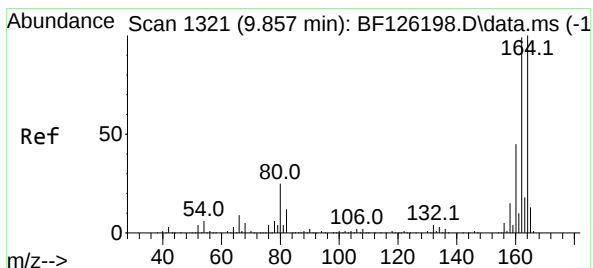
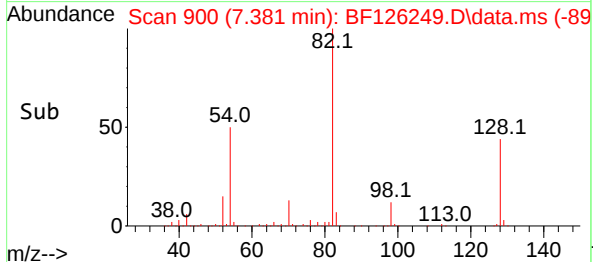
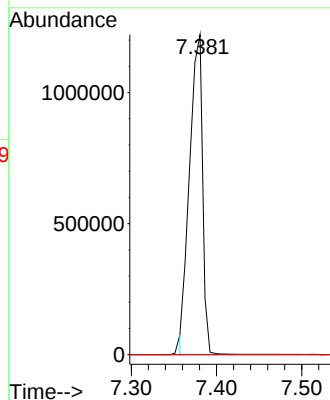
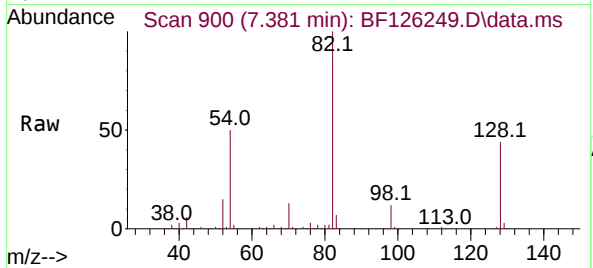




#25
Isophorone
Concen: 45.371 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126249.D
Acq: 18 Dec 2021 12:24

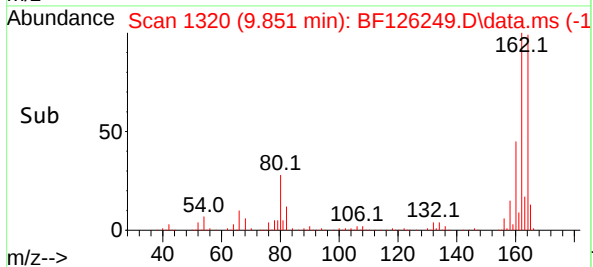
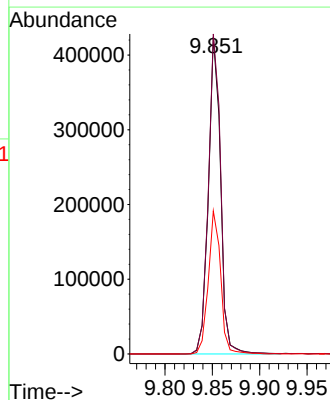
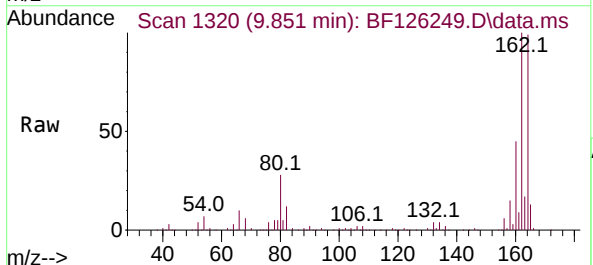
Instrument :
BNA_F
ClientSampleId :
PB141454TB

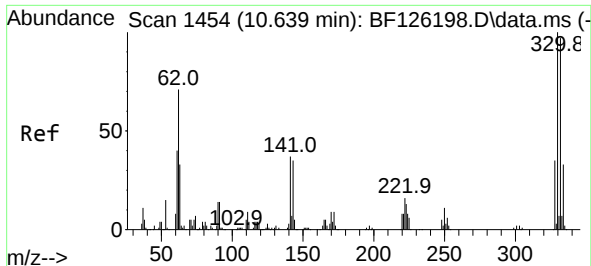
Tgt Ion: 82 Resp: 1290804
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126249.D
Acq: 18 Dec 2021 12:24

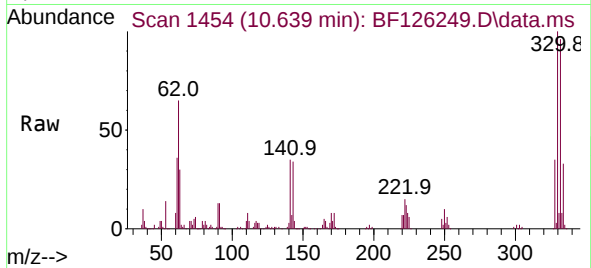
Tgt Ion:164 Resp: 377053
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 45.1 38.0 57.0



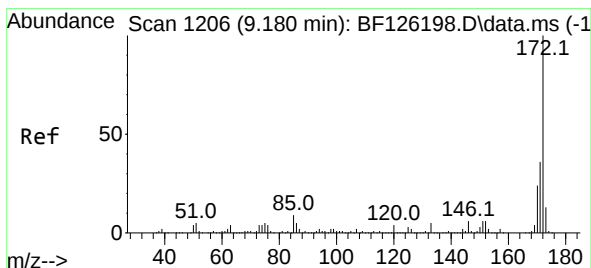
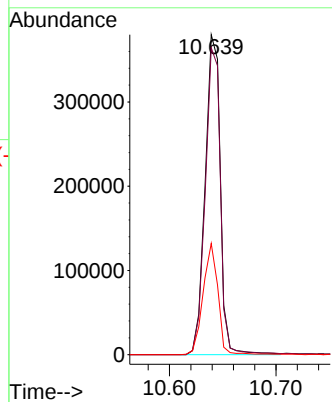
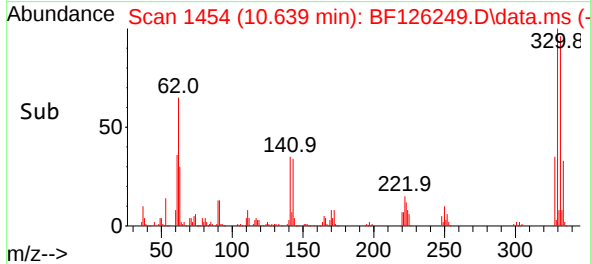


#42
2,4,6-Tribromophenol
Concen: 124.645 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126249.D
Acq: 18 Dec 2021 12:24

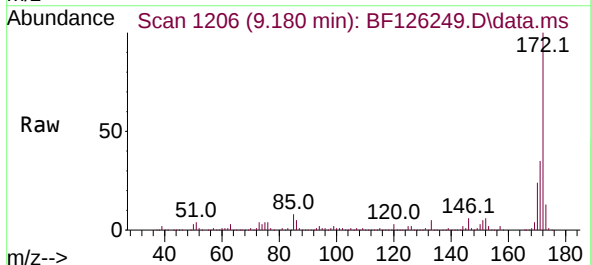
Instrument :
BNA_F
ClientSampleId :
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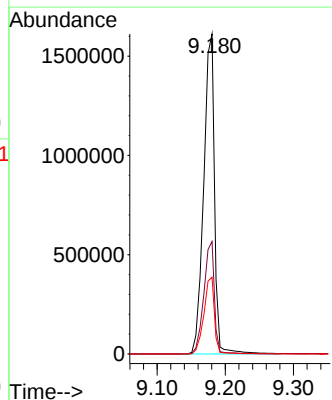
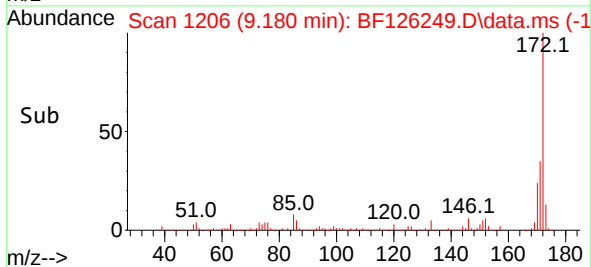
Tgt Ion:330 Resp: 377695
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 34.2 44.6 66.8#

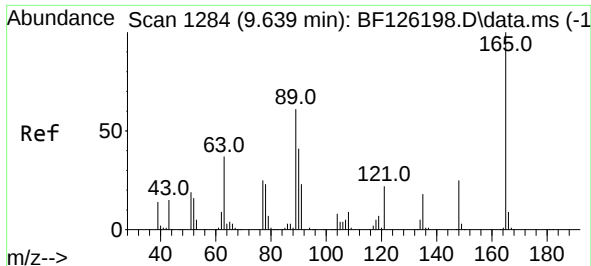


#45
2-Fluorobiphenyl
Concen: 82.823 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF126249.D
Acq: 18 Dec 2021 12:24



Tgt Ion:172 Resp: 1780554
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 24.0 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.809 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126249.D

Acq: 18 Dec 2021 12:24

Instrument :

BNA_F

ClientSampleId :

PB141454TB

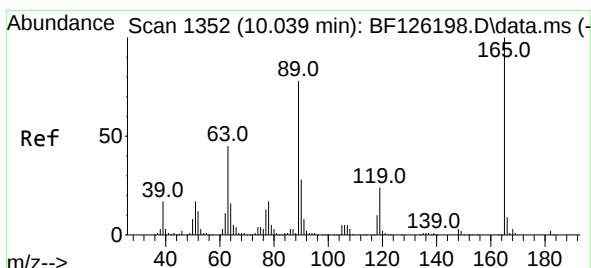
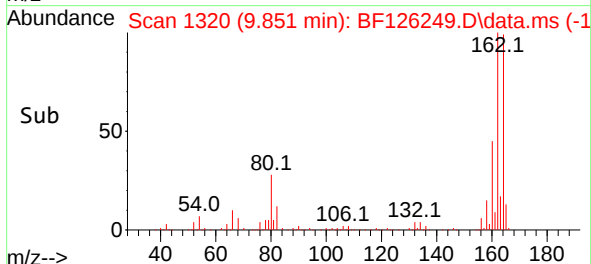
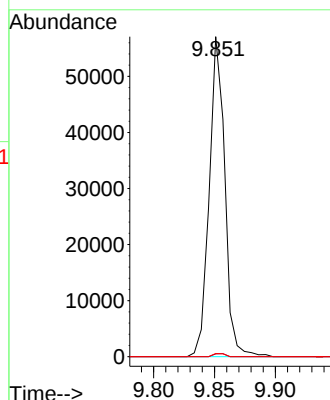
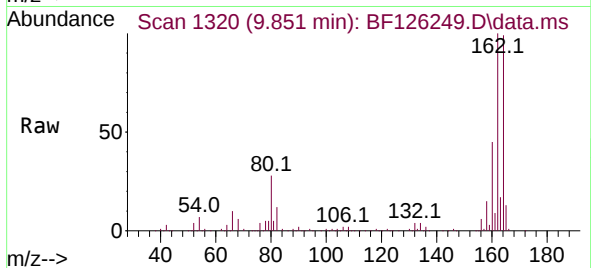
Tgt Ion:165 Resp: 50708

Ion Ratio Lower Upper

165 100

63 0.9 42.6 63.8#

89 1.0 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.689 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.188 min

Lab File: BF126249.D

Acq: 18 Dec 2021 12:24

Tgt Ion:165 Resp: 50708

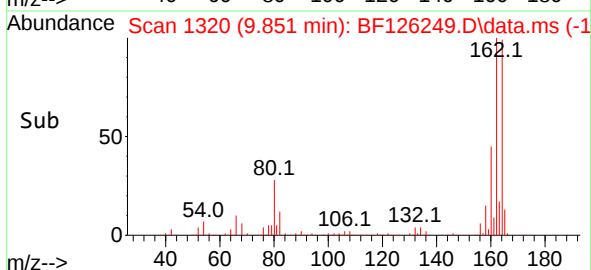
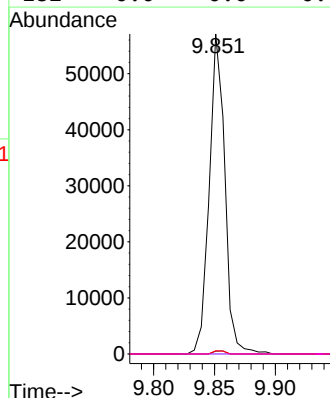
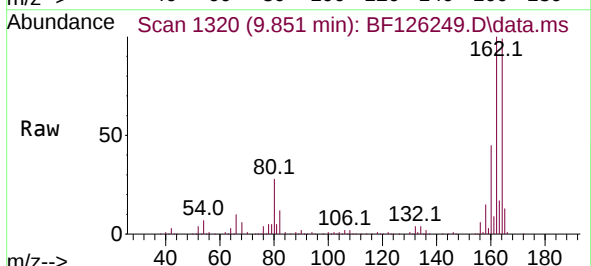
Ion Ratio Lower Upper

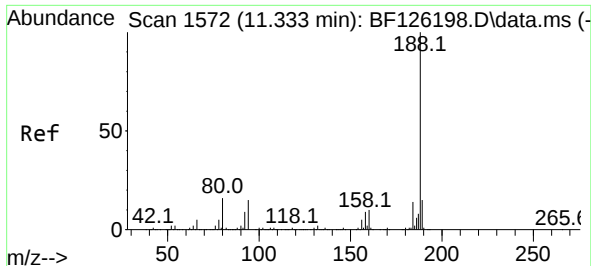
165 100

63 0.9 40.9 61.3#

89 1.0 59.7 89.5#

182 0.0 0.0 0.0

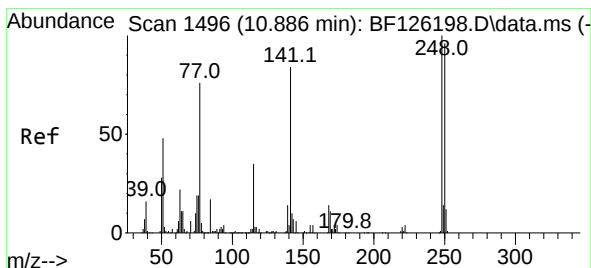
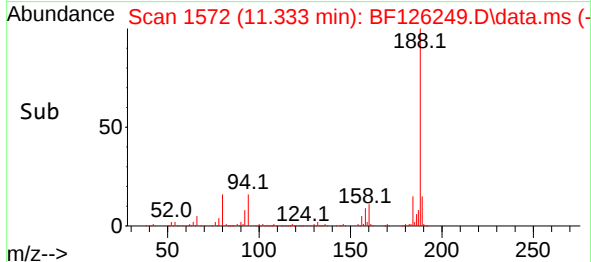
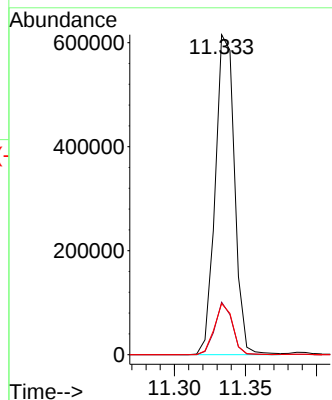
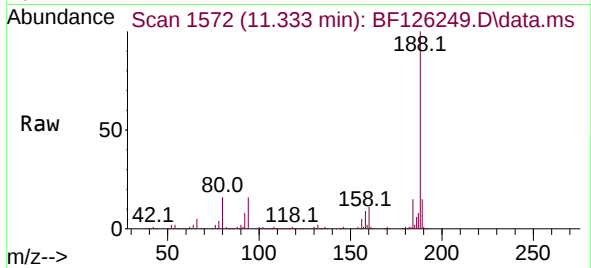




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126249.D
Acq: 18 Dec 2021 12:24

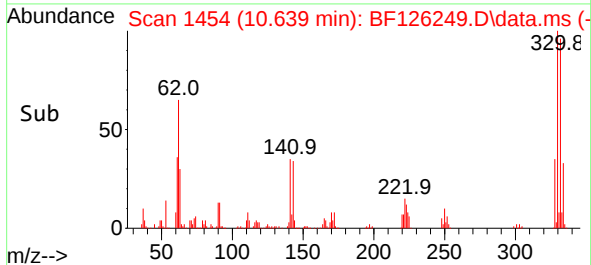
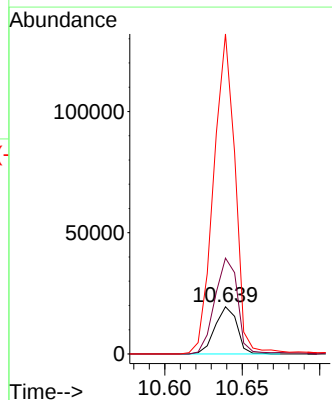
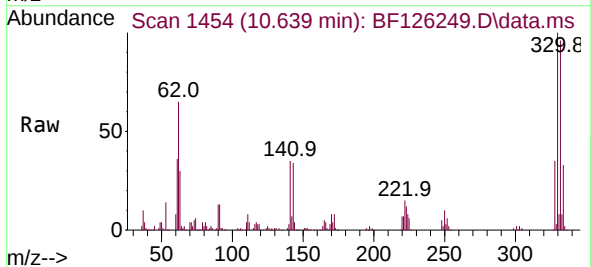
Instrument :
BNA_F
ClientSampleId :
PB141454TB

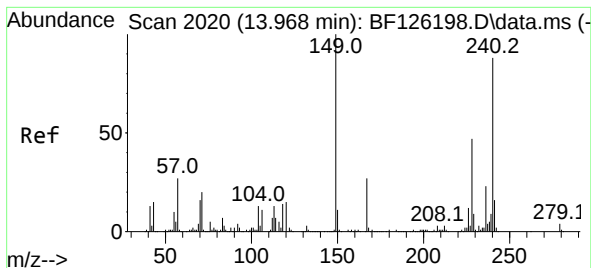
Tgt Ion:188 Resp: 581609
Ion Ratio Lower Upper
188 100
94 16.4 6.7 10.1#
80 15.9 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.528 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126249.D
Acq: 18 Dec 2021 12:24

Tgt Ion:248 Resp: 19258
Ion Ratio Lower Upper
248 100
250 202.8 74.2 111.4#
141 676.9 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF126249.D

Acq: 18 Dec 2021 12:24

Instrument :

BNA_F

ClientSampleId :

PB141454TB

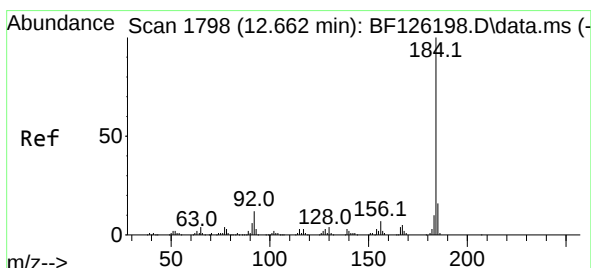
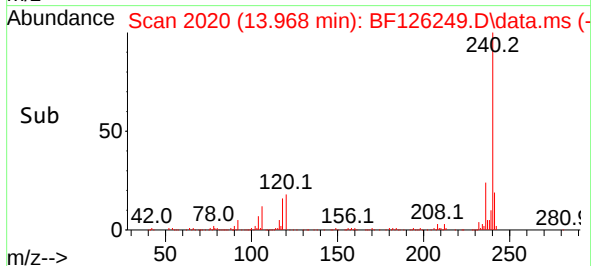
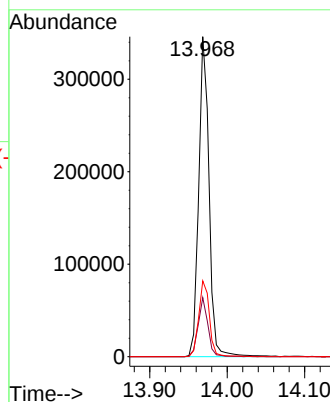
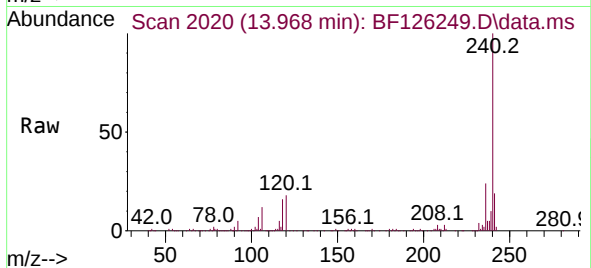
Tgt Ion:240 Resp: 319590

Ion Ratio Lower Upper

240 100

120 18.5 10.8 16.2#

236 23.7 21.6 32.4



#77

Benzidine

Concen: 3.524 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.265 min

Lab File: BF126249.D

Acq: 18 Dec 2021 12:24

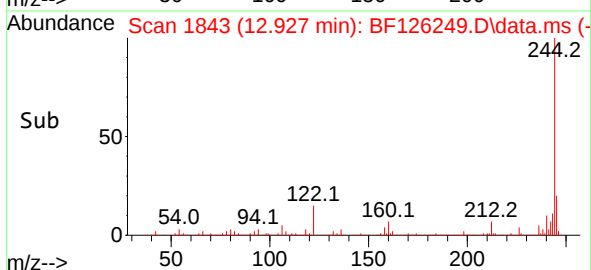
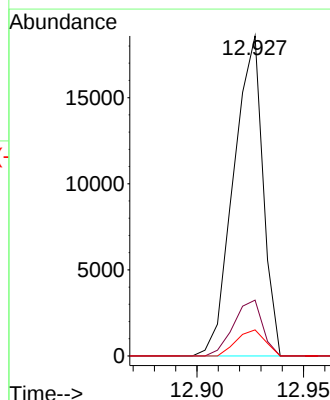
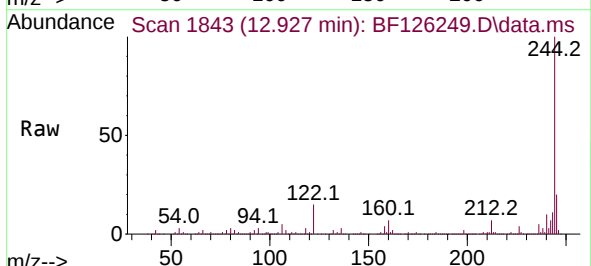
Tgt Ion:184 Resp: 17758

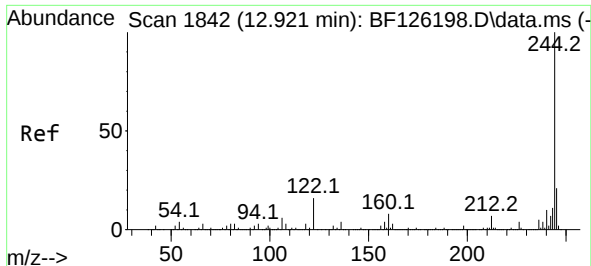
Ion Ratio Lower Upper

184 100

185 17.4 10.8 16.2#

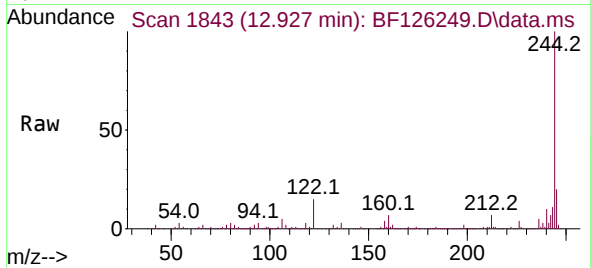
183 8.2 8.1 12.1



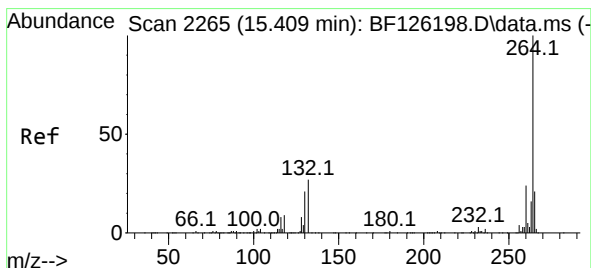
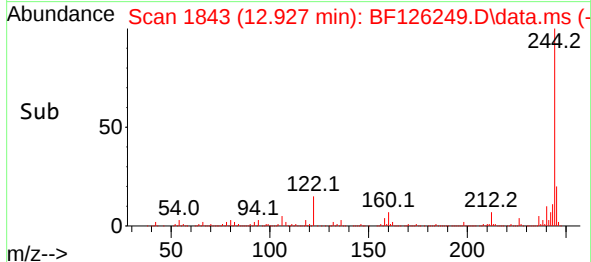
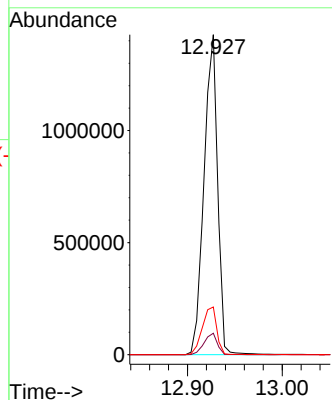


#79
 Terphenyl-d14
 Concen: 77.225 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126249.D
 Acq: 18 Dec 2021 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB141454TB



Tgt Ion:244 Resp: 1419945
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 14.9 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF126249.D
 Acq: 18 Dec 2021 12:24

Tgt Ion:264 Resp: 315029
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.6 29.4
 265 20.8 17.2 25.8

