

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121521\
 Data File : BF126204.D
 Acq On : 15 Dec 2021 21:36
 Operator : JU/CG
 Sample : PB141443BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141443BL

Quant Time: Dec 16 12:35:21 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)

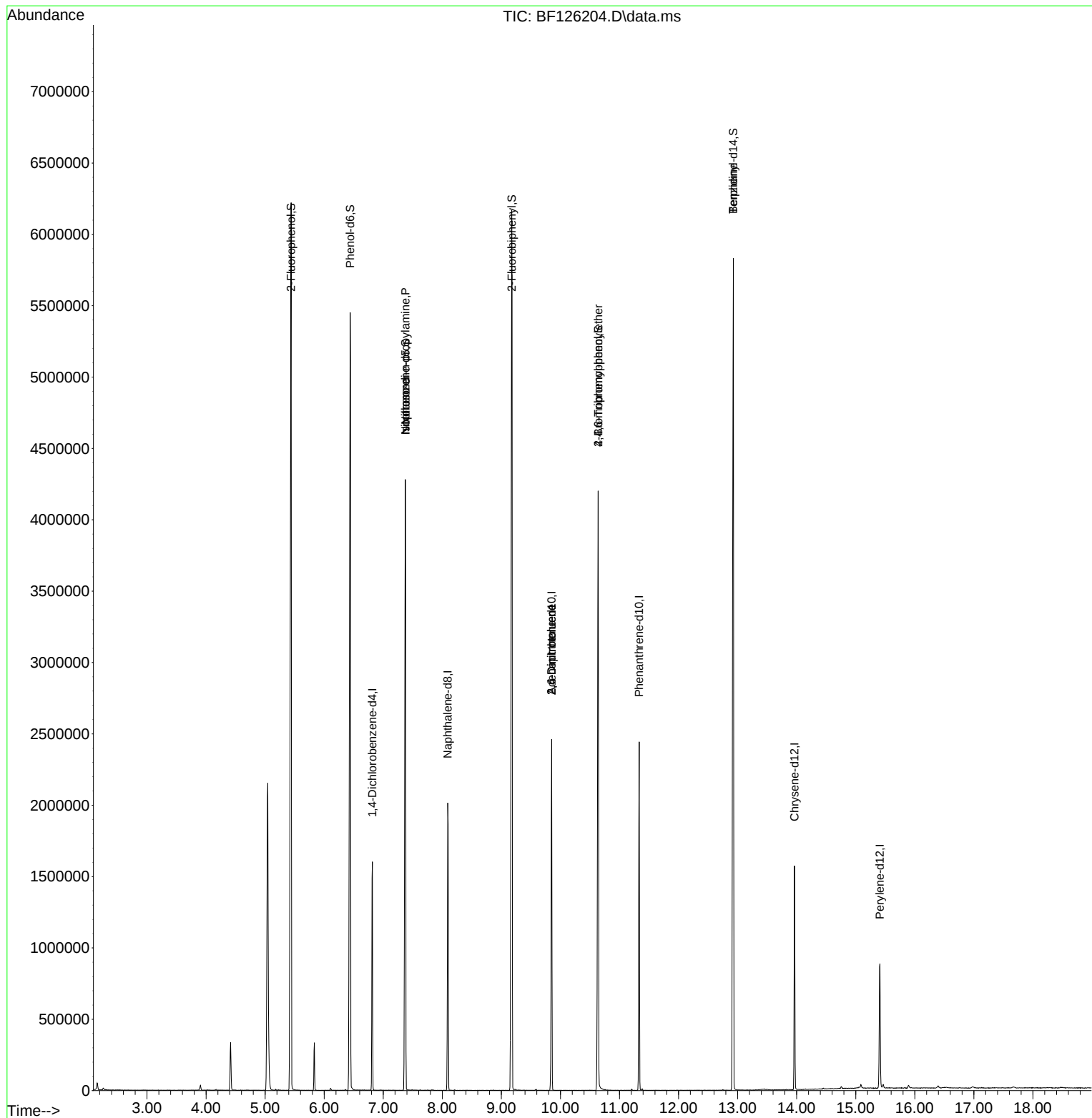
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	235570	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	1036599	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	501424	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	796753	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	471742	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	361472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2179708	136.263	ng	0.02
7) Phenol-d6	6.440	99	2758887	135.830	ng	0.00
23) Nitrobenzene-d5	7.375	82	1856767	97.010	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	583552	144.814	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	2455243	85.879	ng	0.00
79) Terphenyl-d14	12.927	244	2260250	83.278	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	241717	19.385	ng	# 56
25) Isophorone	7.375	82	1830547	50.646	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	65544	9.534	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	65544	7.474	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	28971	3.874	ng	# 1
77) Benzidine	12.927	184	30114	4.049	ng	98

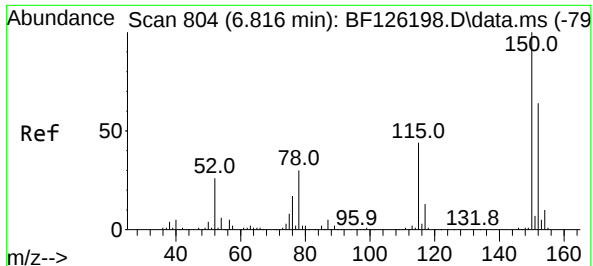
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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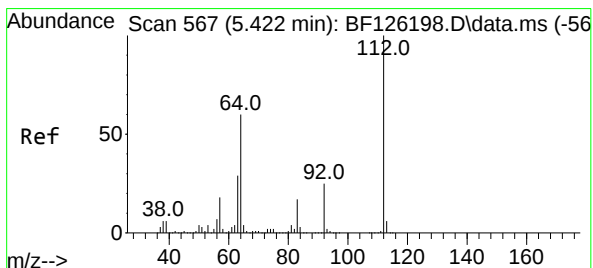
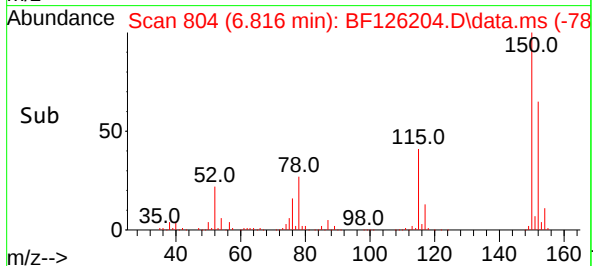
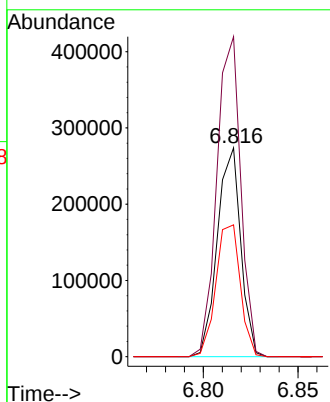
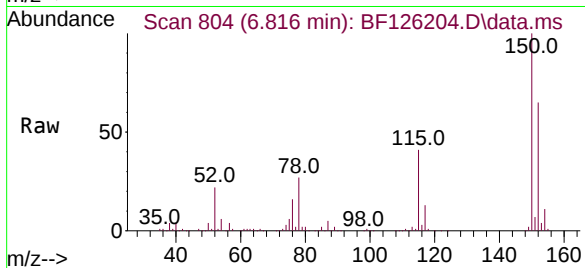




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126204.D
Acq: 15 Dec 2021 21:36

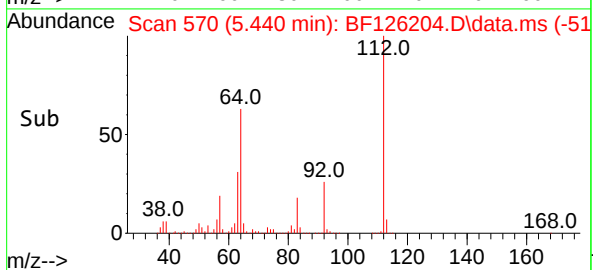
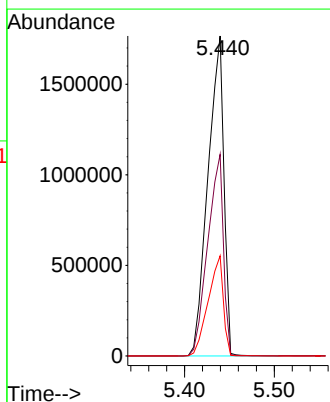
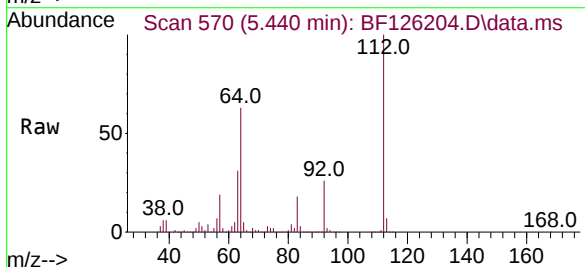
Instrument :
BNA_F
ClientSampleId :
PB141443BL

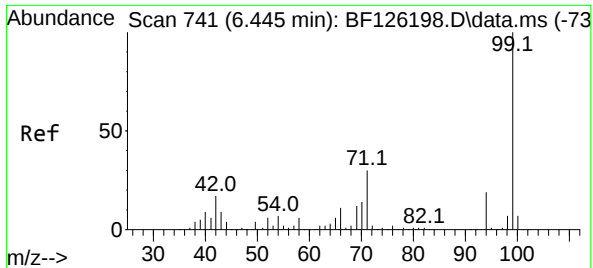
Tgt Ion:152 Resp: 235570
Ion Ratio Lower Upper
152 100
150 153.3 117.6 176.4
115 63.2 47.1 70.7



#5
2-Fluorophenol
Concen: 136.263 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF126204.D
Acq: 15 Dec 2021 21:36

Tgt Ion:112 Resp: 2179708
Ion Ratio Lower Upper
112 100
64 63.0 44.2 66.2
63 31.3 26.2 39.2

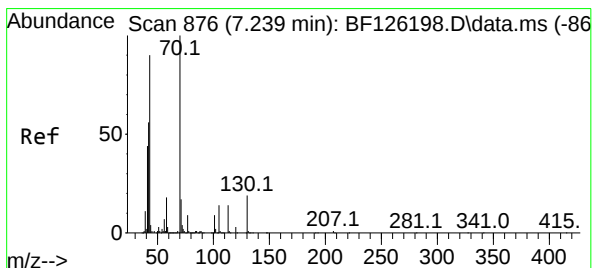
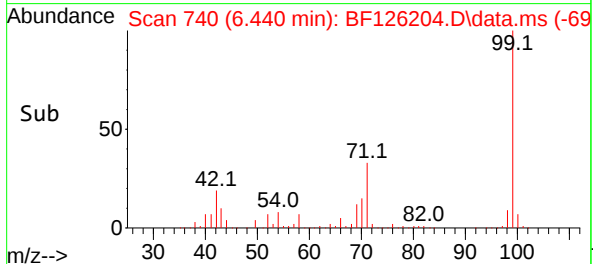
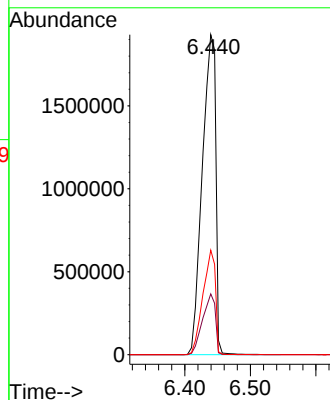
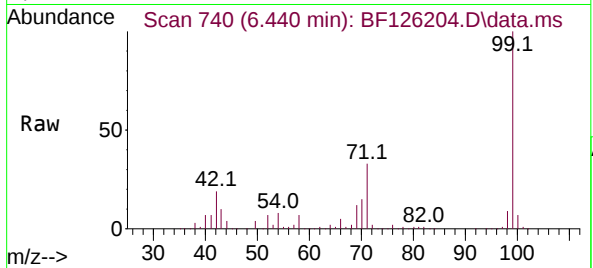




#7
Phenol-d6
Concen: 135.830 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126204.D
Acq: 15 Dec 2021 21:36

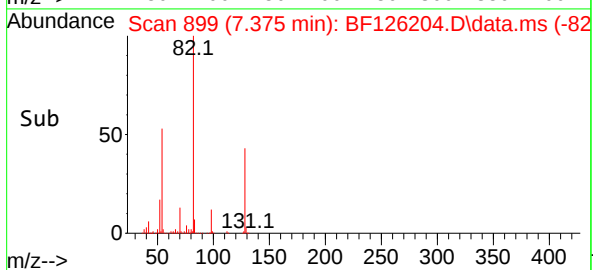
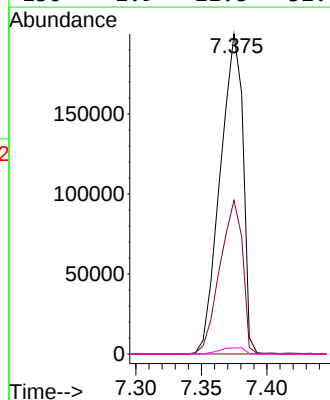
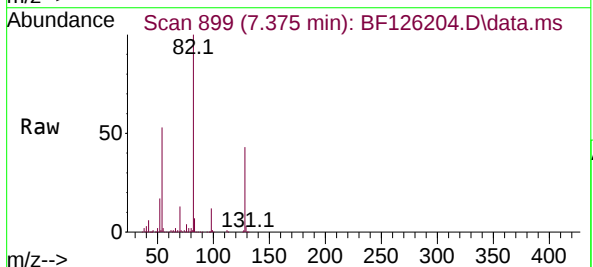
Instrument :
BNA_F
ClientSampleId :
PB141443BL

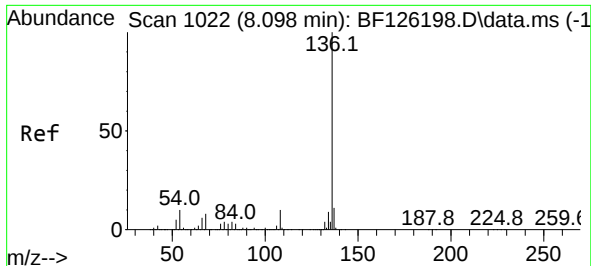
Tgt Ion: 99 Resp: 2758887
Ion Ratio Lower Upper
99 100
42 19.0 23.5 35.3#
71 32.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.385 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126204.D
Acq: 15 Dec 2021 21:36

Tgt Ion: 70 Resp: 241717
Ion Ratio Lower Upper
70 100
42 48.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

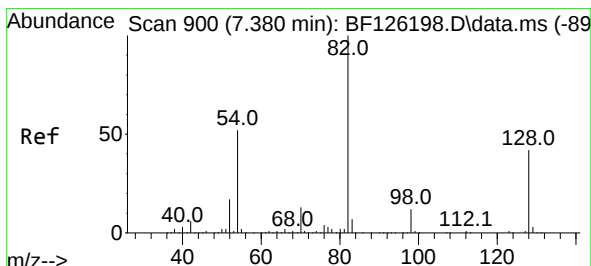
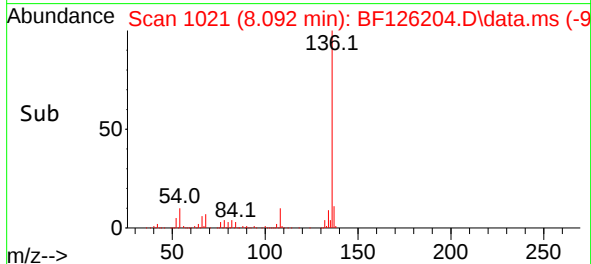
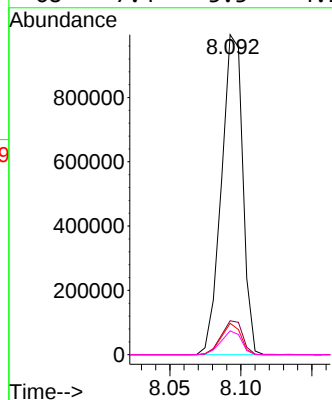
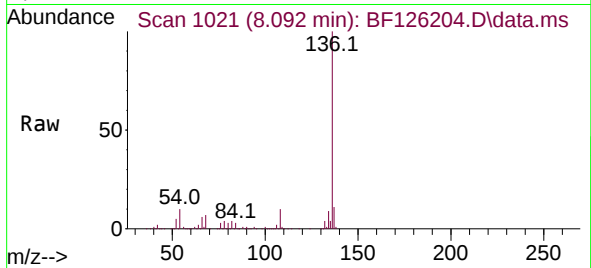




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF126204.D
Acq: 15 Dec 2021 21:36

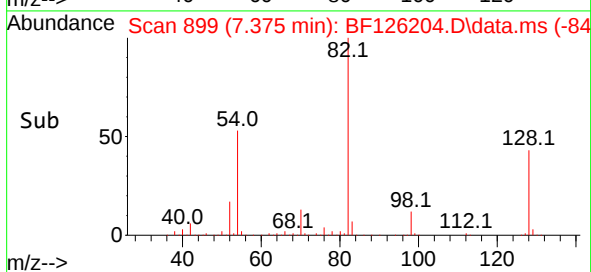
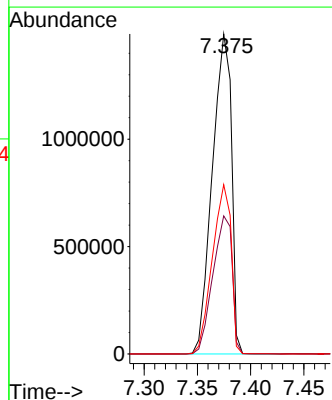
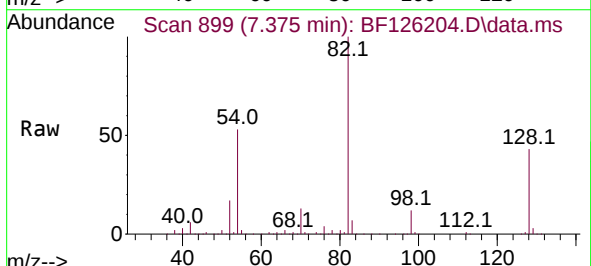
Instrument :
BNA_F
ClientSampleId :
PB141443BL

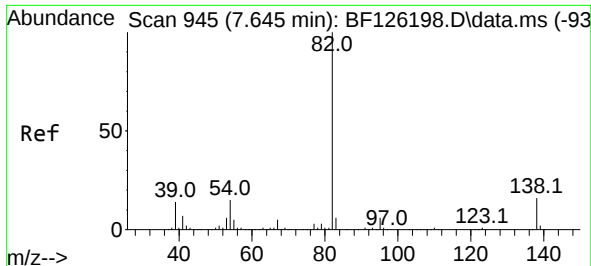
Tgt Ion:136 Resp: 1036599
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.8 6.4 9.6#
68 7.4 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 97.010 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126204.D
Acq: 15 Dec 2021 21:36

Tgt Ion: 82 Resp: 1856767
Ion Ratio Lower Upper
82 100
128 43.2 40.6 60.8
54 52.9 49.6 74.4

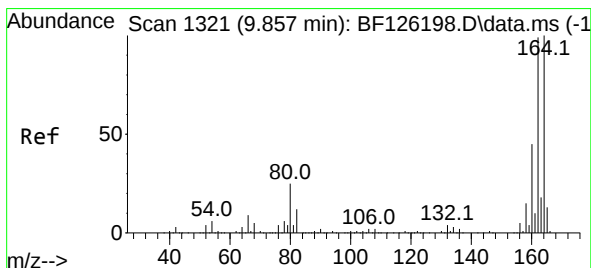
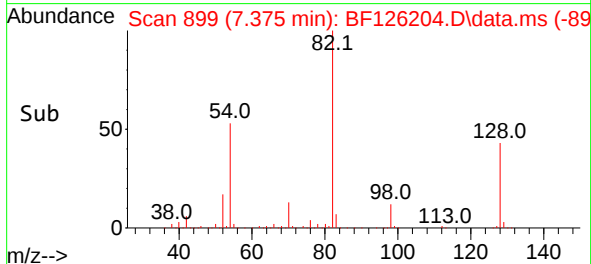
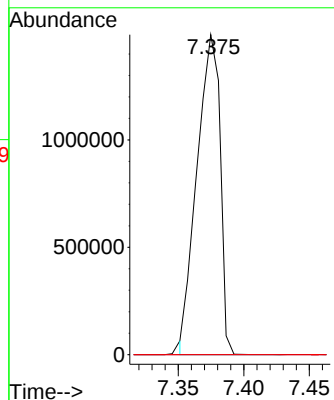
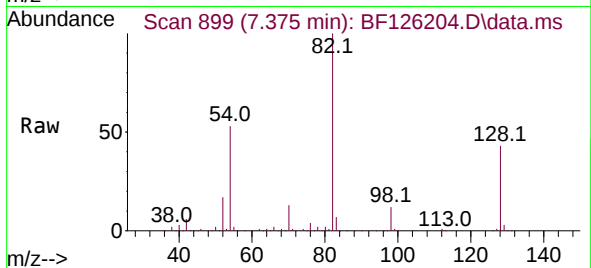




#25
Isophorone
Concen: 50.646 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.270 min
Lab File: BF126204.D
Acq: 15 Dec 2021 21:36

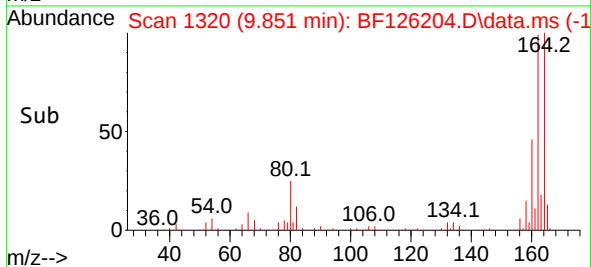
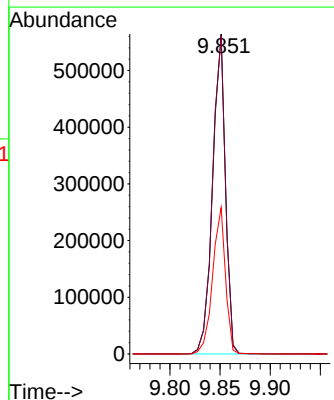
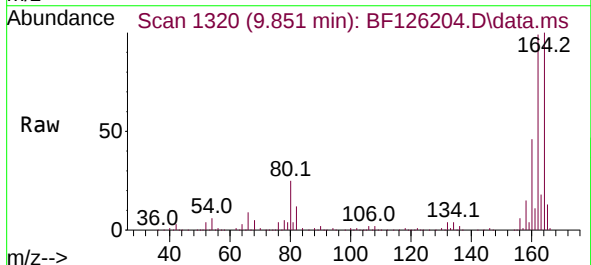
Instrument :
BNA_F
ClientSampleId :
PB141443BL

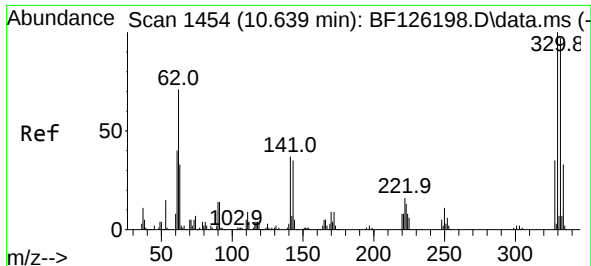
Tgt Ion: 82 Resp: 1830547
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126204.D
Acq: 15 Dec 2021 21:36

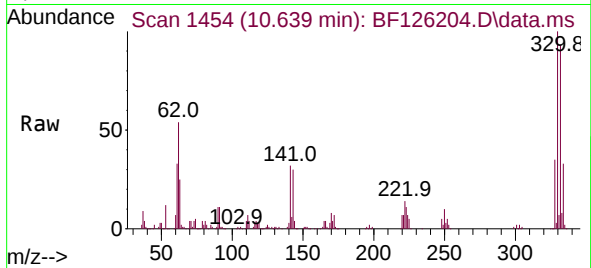
Tgt Ion:164 Resp: 501424
Ion Ratio Lower Upper
164 100
162 99.4 81.3 121.9
160 45.7 38.0 57.0



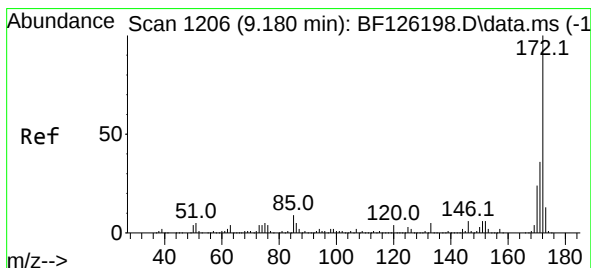
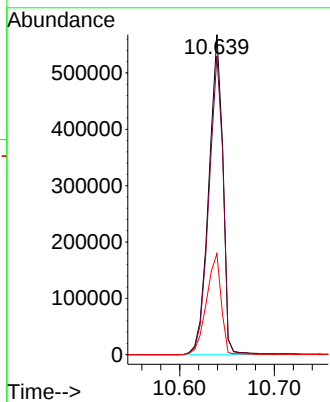
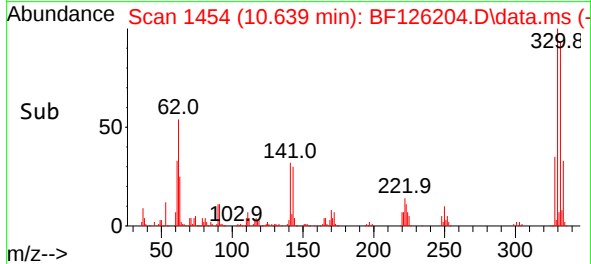


#42
2,4,6-Tribromophenol
Concen: 144.814 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126204.D
Acq: 15 Dec 2021 21:36

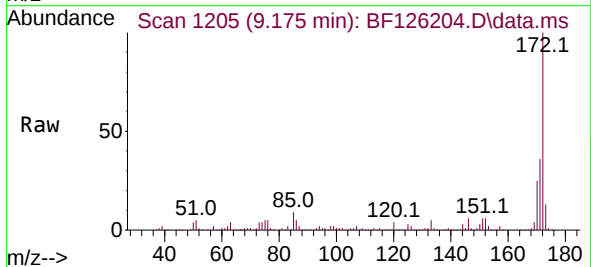
Instrument :
BNA_F
ClientSampleId :
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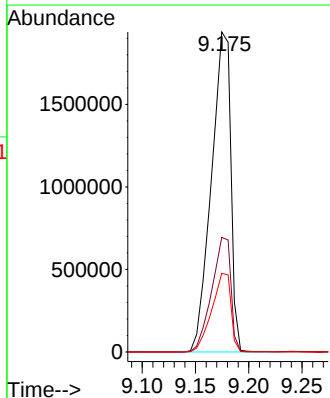
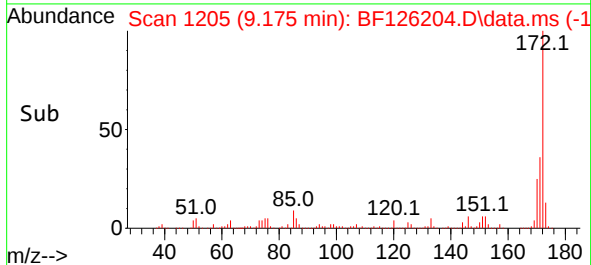
Tgt Ion:330 Resp: 583552
Ion Ratio Lower Upper
330 100
332 94.1 76.2 114.4
141 33.1 44.6 66.8#

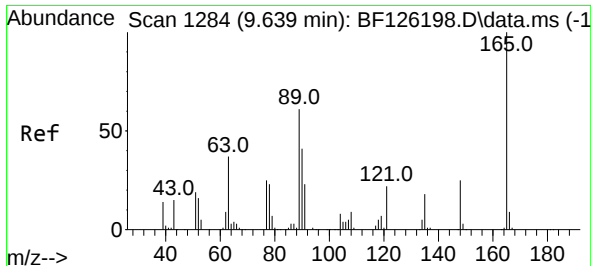


#45
2-Fluorobiphenyl
Concen: 85.879 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126204.D
Acq: 15 Dec 2021 21:36



Tgt Ion:172 Resp: 2455243
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.6 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.534 ng

RT: 9.851 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF126204.D

Acq: 15 Dec 2021 21:36

Instrument :

BNA_F

ClientSampleId :

PB141443BL

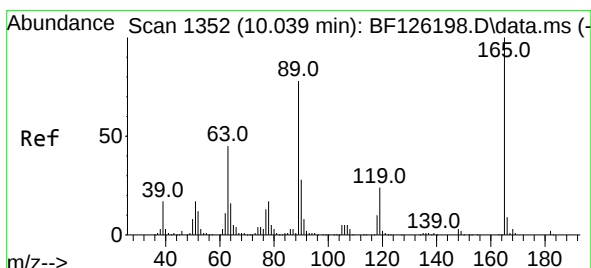
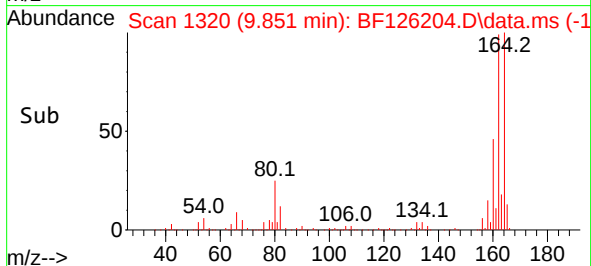
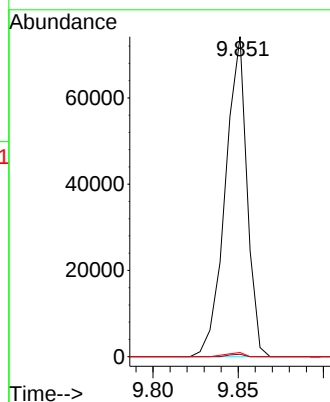
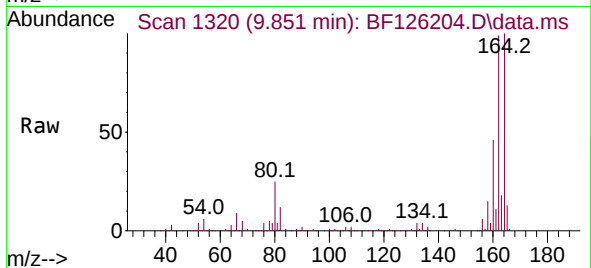
Tgt Ion:165 Resp: 65544

Ion Ratio Lower Upper

165 100

63 0.7 42.6 63.8#

89 1.3 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.474 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.188 min

Lab File: BF126204.D

Acq: 15 Dec 2021 21:36

Tgt Ion:165 Resp: 65544

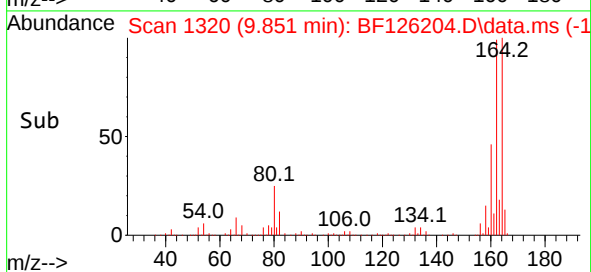
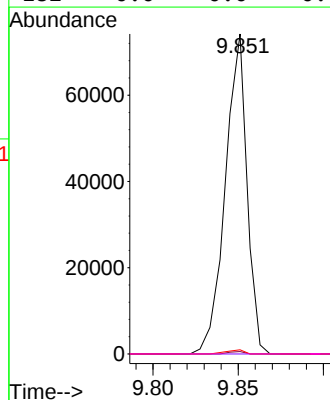
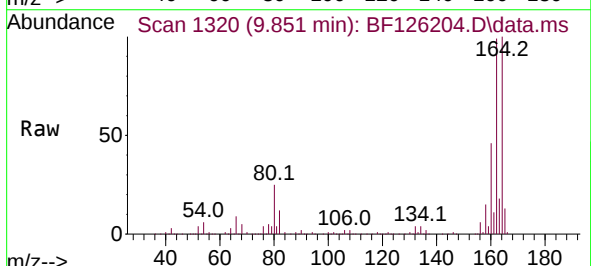
Ion Ratio Lower Upper

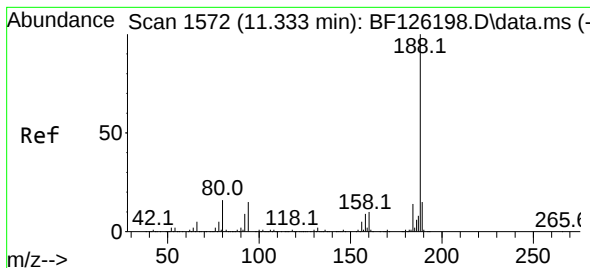
165 100

63 0.7 40.9 61.3#

89 1.3 59.7 89.5#

182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126204.D

Acq: 15 Dec 2021 21:36

Instrument :

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PB141443BL

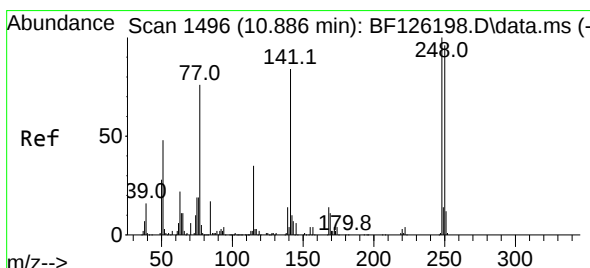
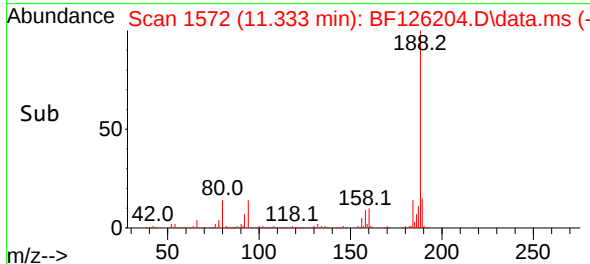
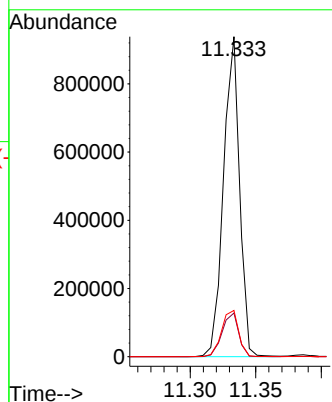
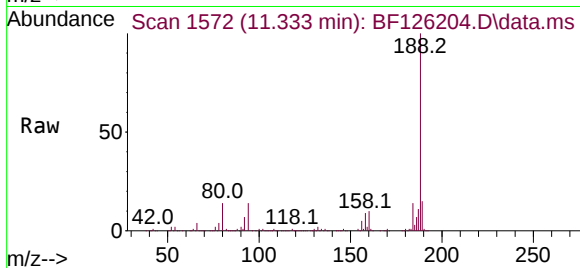
Tgt Ion:188 Resp: 796753

Ion Ratio Lower Upper

188 100

94 13.7 6.7 10.1#

80 14.5 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.874 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF126204.D

Acq: 15 Dec 2021 21:36

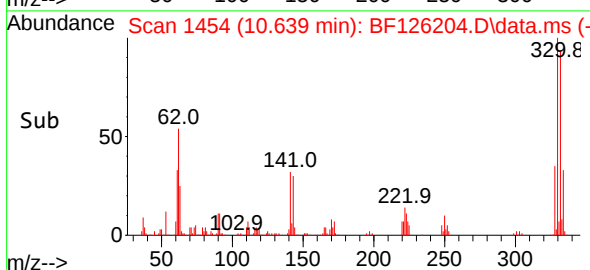
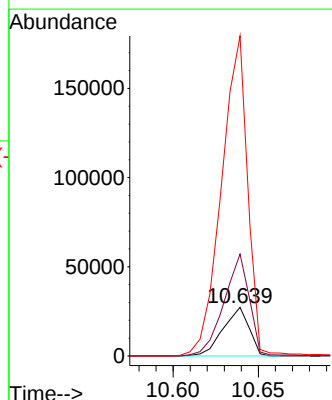
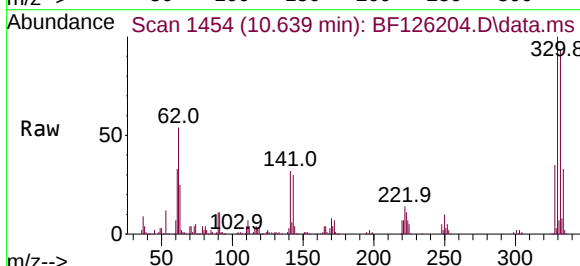
Tgt Ion:248 Resp: 28971

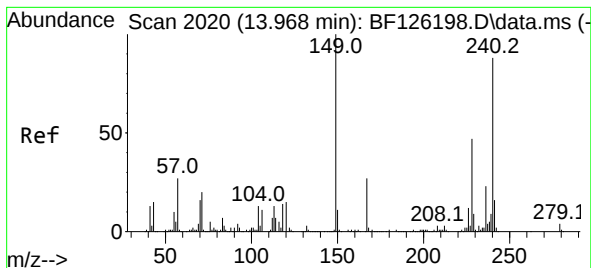
Ion Ratio Lower Upper

248 100

250 209.7 74.2 111.4#

141 658.4 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF126204.D

Acq: 15 Dec 2021 21:36

Instrument :

BNA_F

ClientSampleId :

PB141443BL

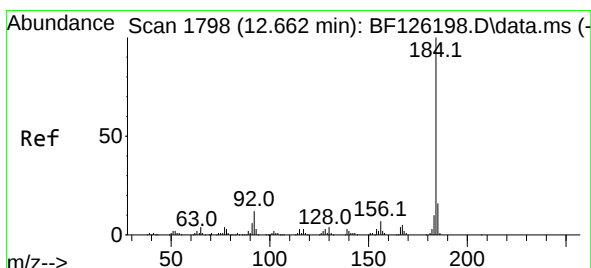
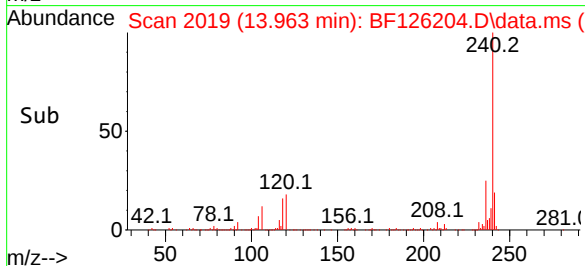
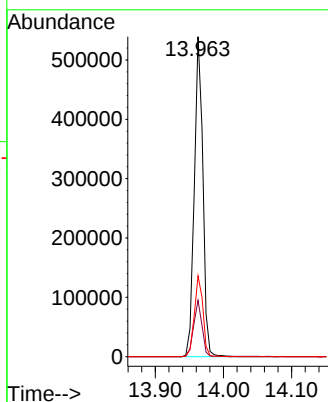
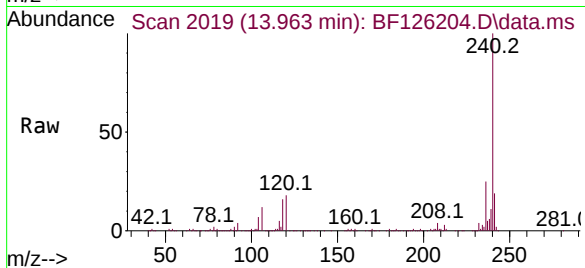
Tgt Ion:240 Resp: 471742

Ion Ratio Lower Upper

240 100

120 17.6 10.8 16.2#

236 25.2 21.6 32.4



#77

Benidine

Concen: 4.049 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.265 min

Lab File: BF126204.D

Acq: 15 Dec 2021 21:36

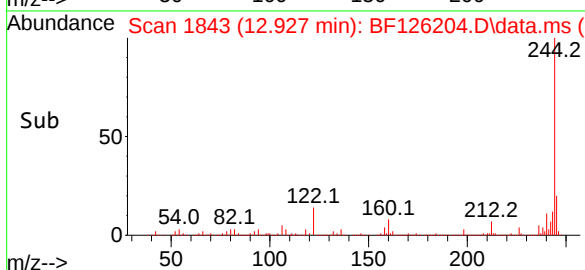
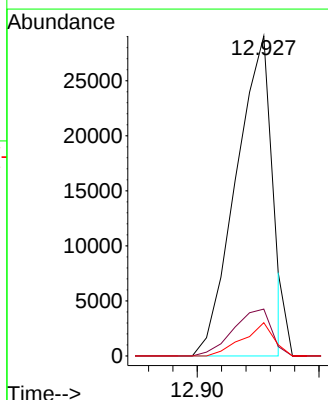
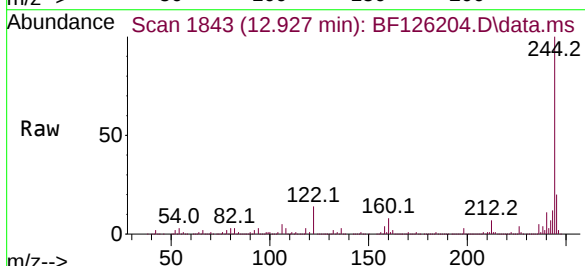
Tgt Ion:184 Resp: 30114

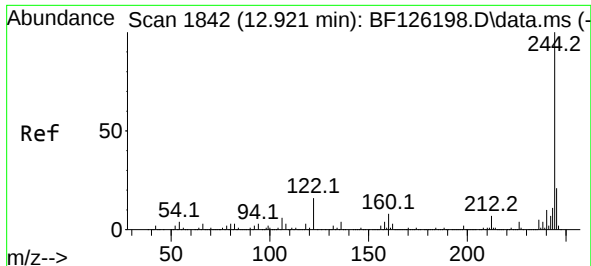
Ion Ratio Lower Upper

184 100

185 14.6 10.8 16.2

183 10.4 8.1 12.1

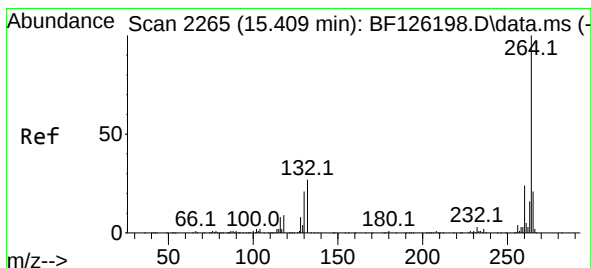
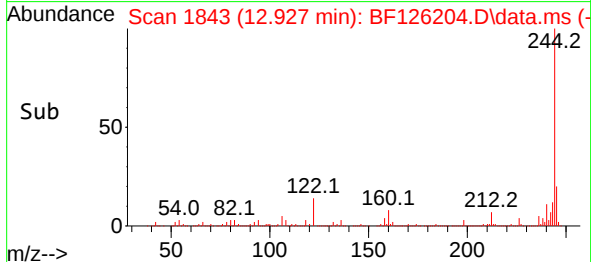
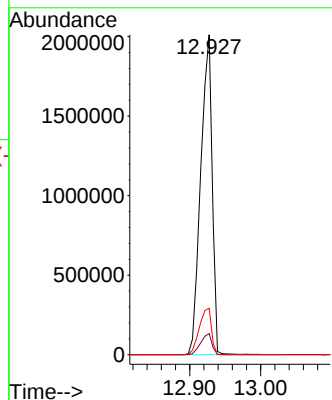
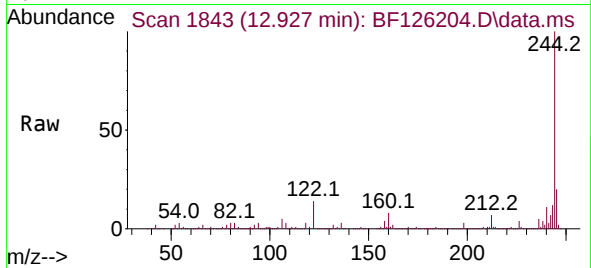




#79
 Terphenyl-d14
 Concen: 83.278 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126204.D
 Acq: 15 Dec 2021 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB141443BL

Tgt Ion:244 Resp: 2260250
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 14.5 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126204.D
 Acq: 15 Dec 2021 21:36

Tgt Ion:264 Resp: 361472
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 21.2 17.2 25.8

