

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136103.D
 Acq On : 02 Nov 2023 19:01
 Operator : CG\JU
 Sample : 05049-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2

Quant Time: Nov 02 23:04:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

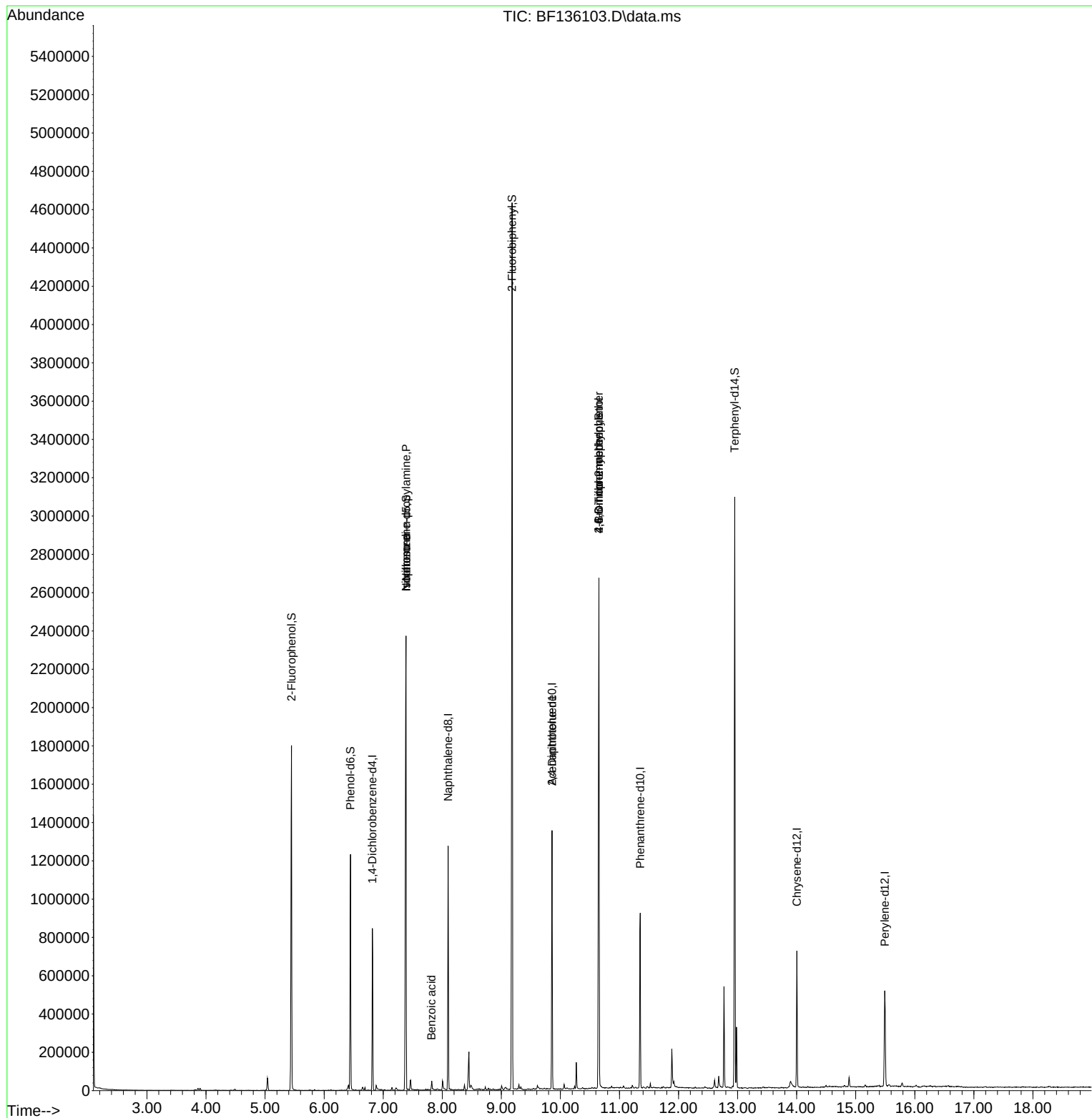
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	120648	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	471149	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	242759	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	336330	20.000	ng	0.00
76) Chrysene-d12	14.004	240	214085	20.000	ng	-0.01
86) Perylene-d12	15.492	264	223871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	474015	61.739	ng	0.00
7) Phenol-d6	6.446	99	363306	37.979	ng	-0.01
23) Nitrobenzene-d5	7.387	82	796791	101.948	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	331265	127.845	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1413883	92.844	ng	0.00
79) Terphenyl-d14	12.951	244	1060894	77.010	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.387	70	106814	19.542	ng	# 77
25) Isophorone	7.387	82	796782	54.000	ng	# 64
32) Benzoic acid	7.816	122	150	5.139	ng	90
57) 2,4-Dinitrotoluene	9.857	165	31763	7.330	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.651	198	738	6.142	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	21001	5.956	ng	# 1

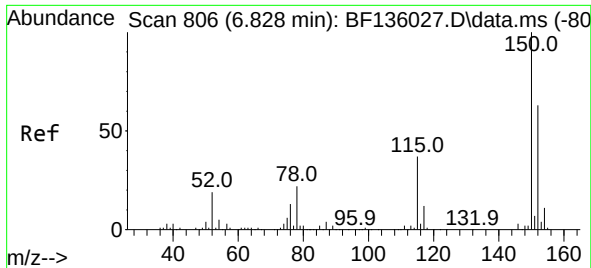
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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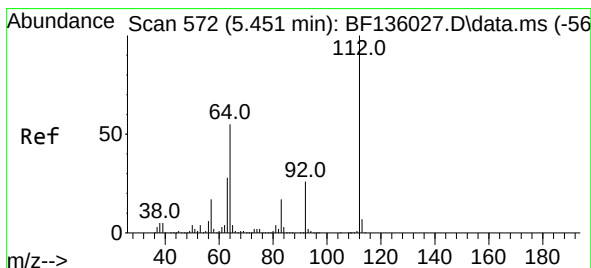
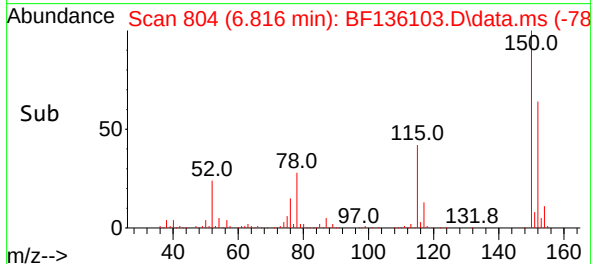
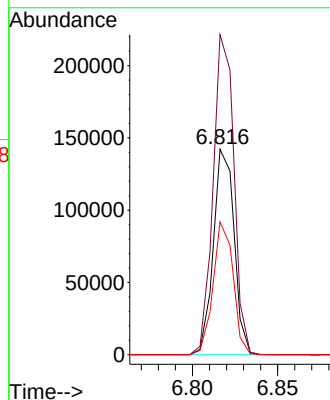
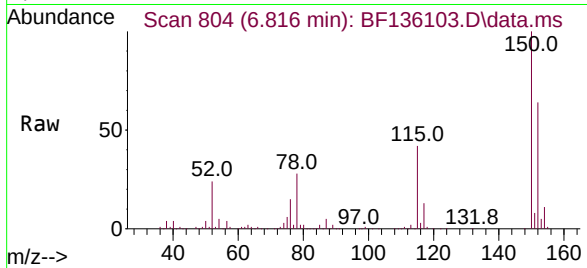




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

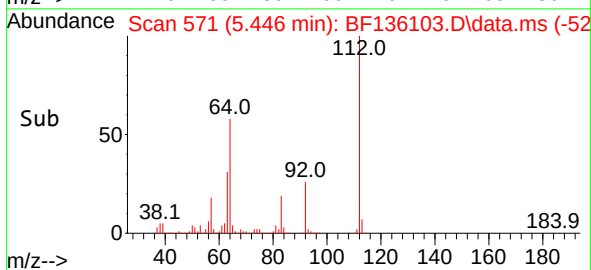
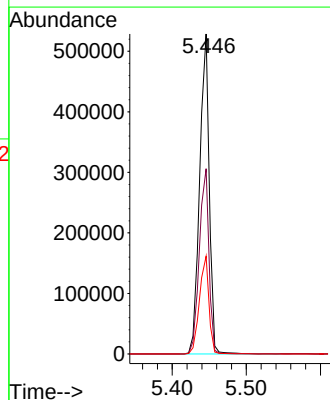
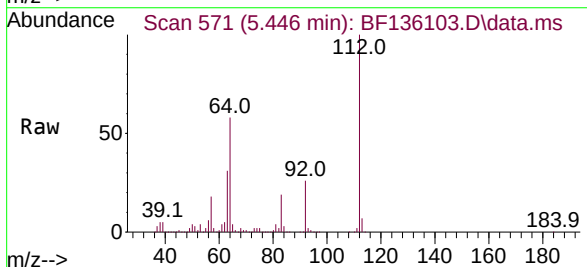
Instrument :
BNA_F
ClientSampleId :
B2

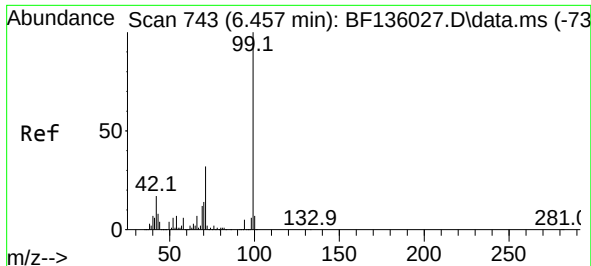
Tgt Ion:152 Resp: 120648
Ion Ratio Lower Upper
152 100
150 155.8 126.4 189.6
115 64.7 47.0 70.4



#5
2-Fluorophenol
Concen: 61.739 ng
RT: 5.446 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

Tgt Ion:112 Resp: 474015
Ion Ratio Lower Upper
112 100
64 57.9 43.9 65.9
63 30.6 22.4 33.6

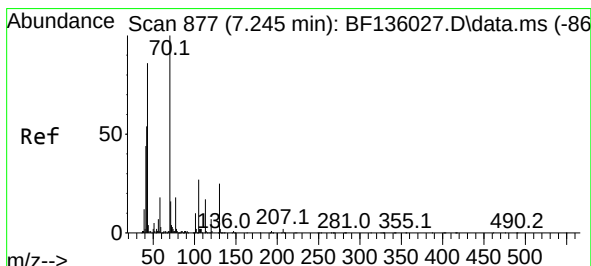
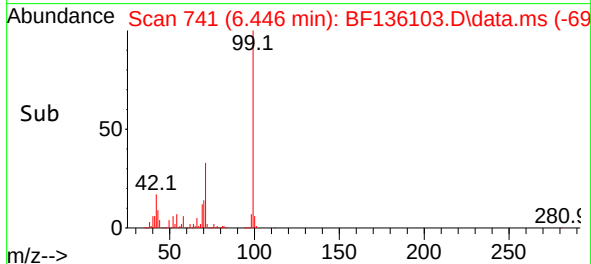
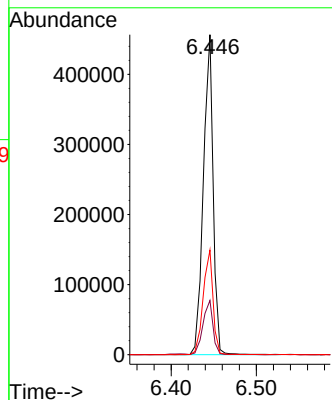
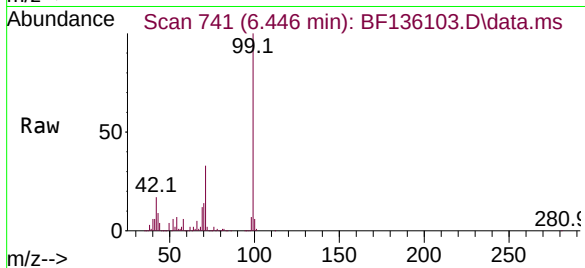




#7
Phenol-d6
Concen: 37.979 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.011 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

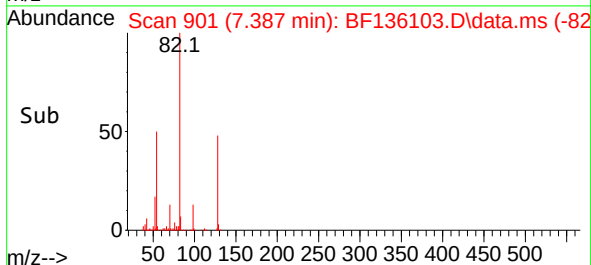
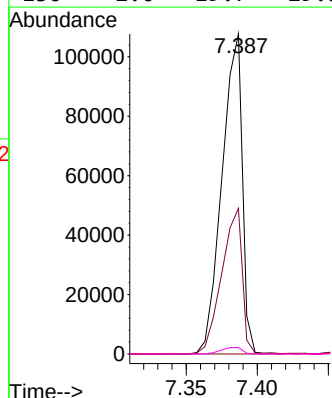
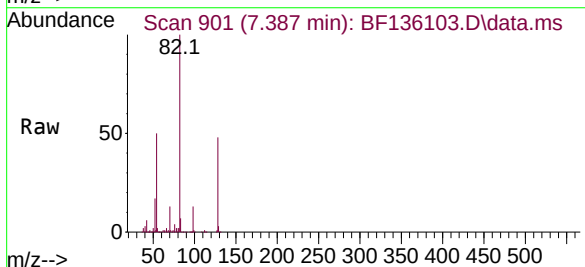
Instrument :
BNA_F
ClientSampleId :
B2

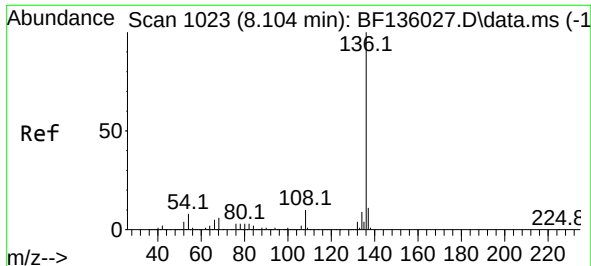
Tgt Ion: 99 Resp: 363306
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 32.7 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.542 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.141 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

Tgt Ion: 70 Resp: 106814
Ion Ratio Lower Upper
70 100
42 45.5 43.0 64.4
101 0.0 8.0 12.0#
130 2.0 19.7 29.5#

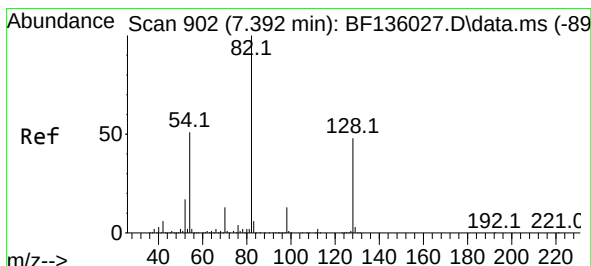
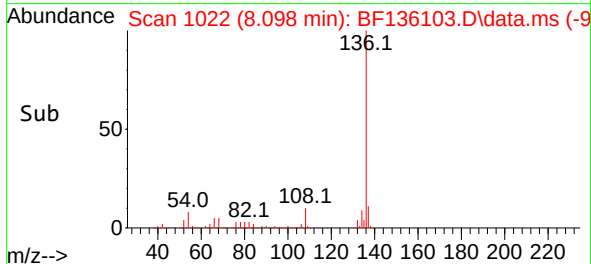
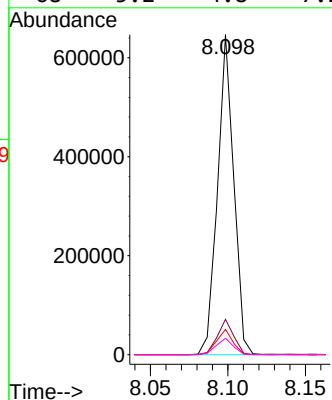
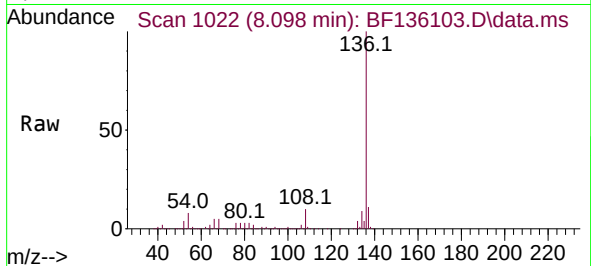




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

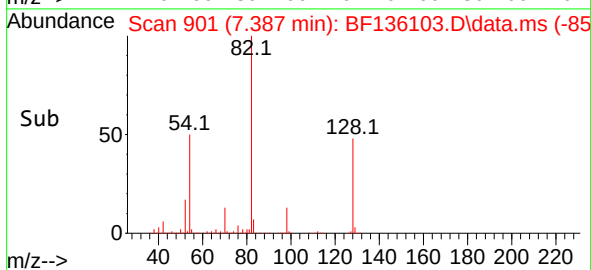
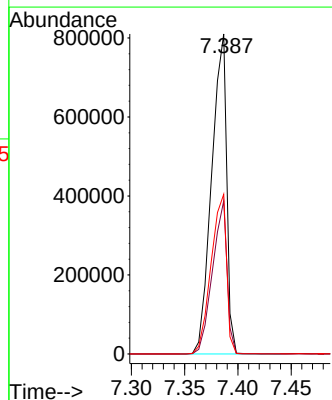
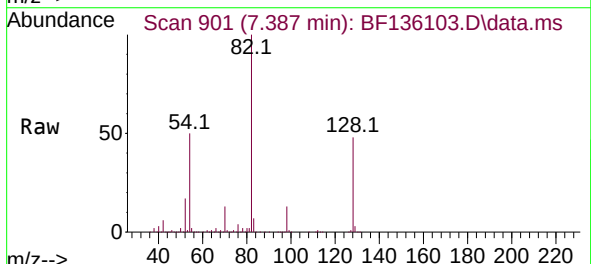
Instrument :
BNA_F
ClientSampleId :
B2

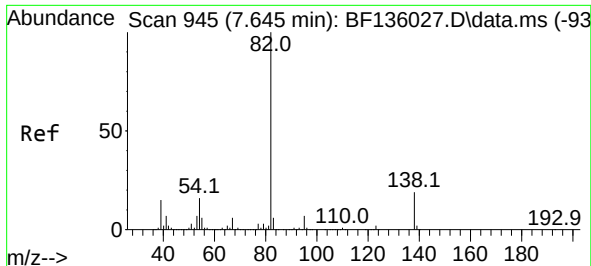
Tgt Ion:136	Resp: 471149
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 7.9	6.6 9.8
68 5.2	4.8 7.2



#23
Nitrobenzene-d5
Concen: 101.948 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

Tgt Ion: 82	Resp: 796791
Ion Ratio	Lower Upper
82 100	
128 47.9	38.6 57.8
54 49.9	40.8 61.2

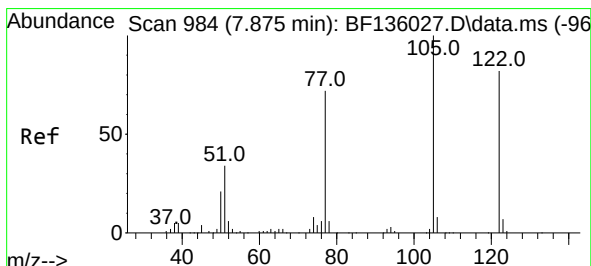
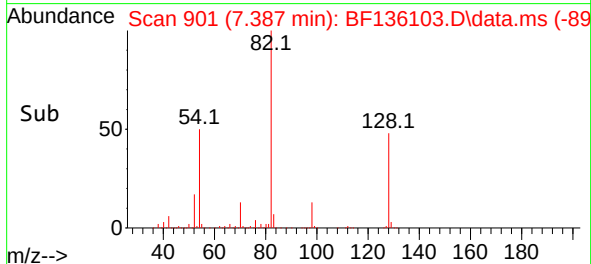
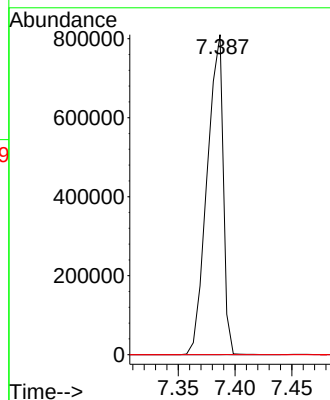
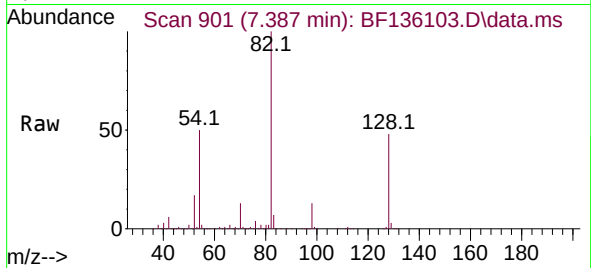




#25
Isophorone
Concen: 54.000 ng
RT: 7.387 min Scan# 90
Delta R.T. -0.258 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

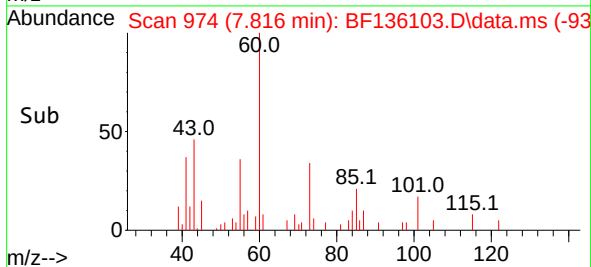
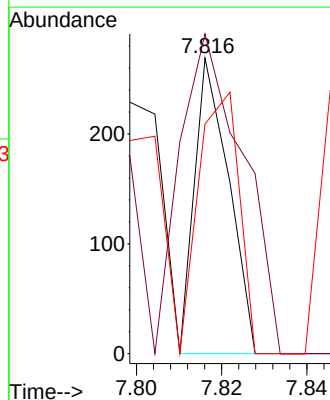
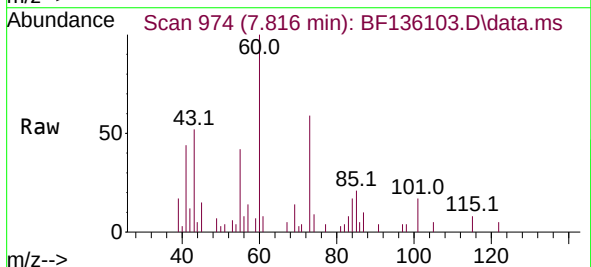
Instrument :
BNA_F
ClientSampleId :
B2

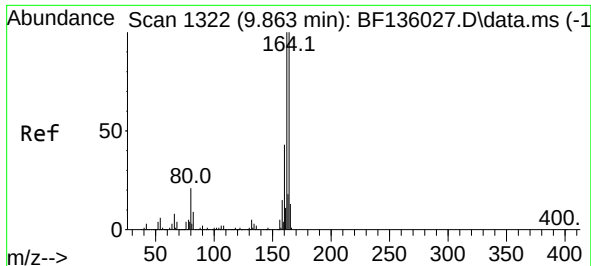
Tgt Ion: 82 Resp: 796782
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.139 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.059 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

Tgt Ion:122 Resp: 150
Ion Ratio Lower Upper
122 100
105 108.2 99.5 139.5
77 77.7 66.8 106.8

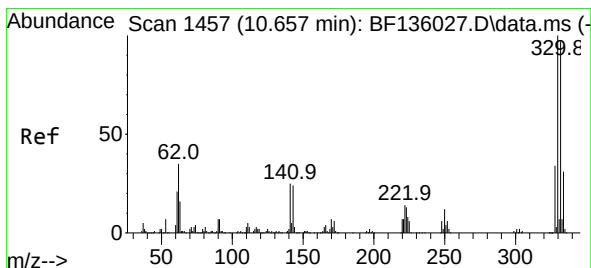
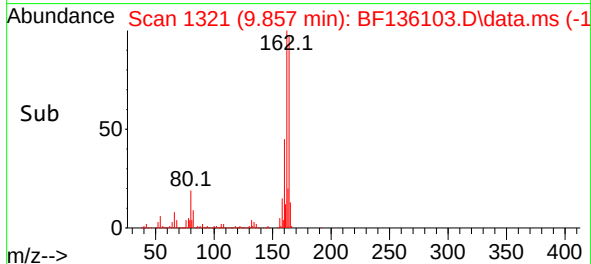
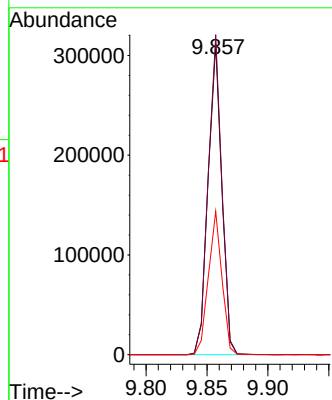
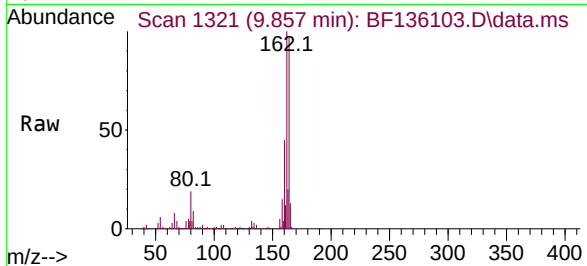




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

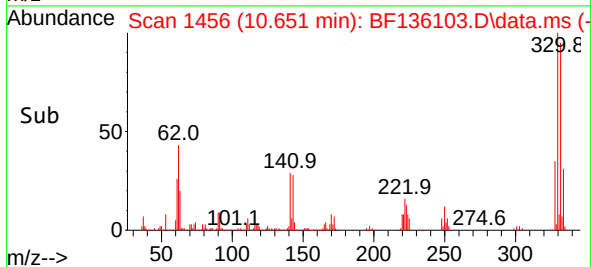
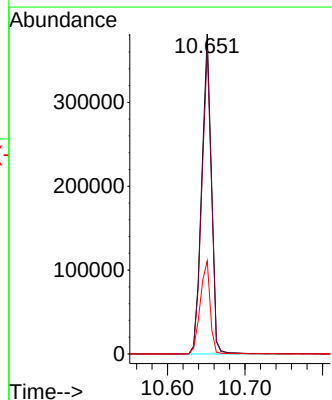
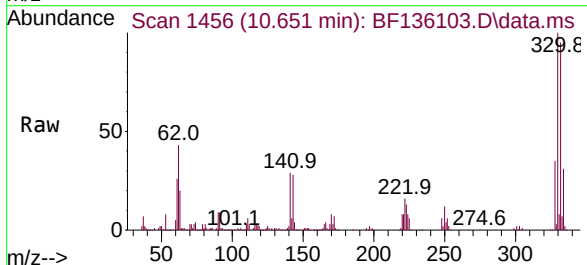
Instrument :
BNA_F
ClientSampleId :
B2

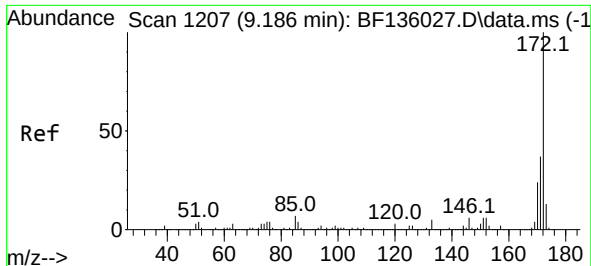
Tgt Ion:164 Resp: 242759
Ion Ratio Lower Upper
164 100
162 103.0 80.1 120.1
160 46.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 127.845 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

Tgt Ion:330 Resp: 331265
Ion Ratio Lower Upper
330 100
332 95.4 76.9 115.3
141 29.7 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 92.844 ng

RT: 9.181 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136103.D

Acq: 02 Nov 2023 19:01

Instrument :

BNA_F

ClientSampleId :

B2

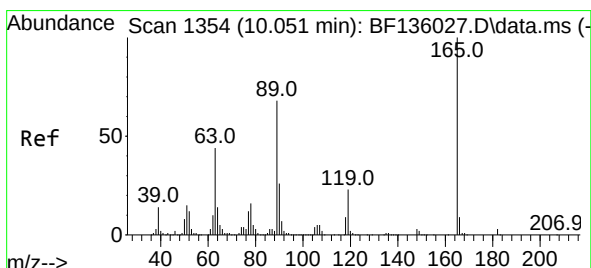
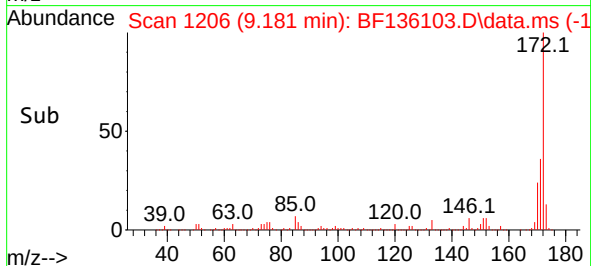
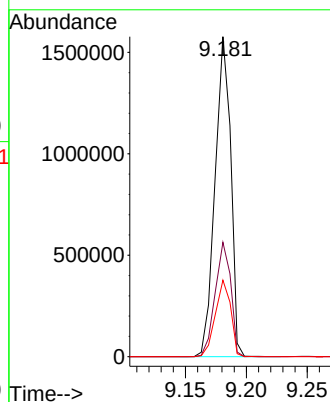
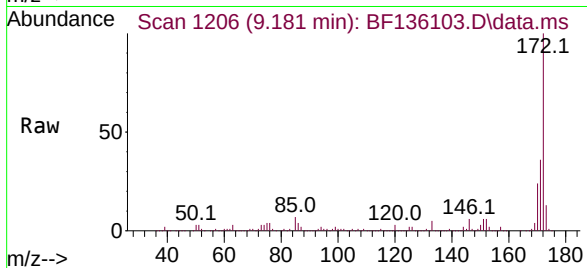
Tgt Ion:172 Resp: 1413883

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

170 23.9 19.3 28.9



#57

2,4-Dinitrotoluene

Concen: 7.330 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.194 min

Lab File: BF136103.D

Acq: 02 Nov 2023 19:01

Tgt Ion:165 Resp: 31763

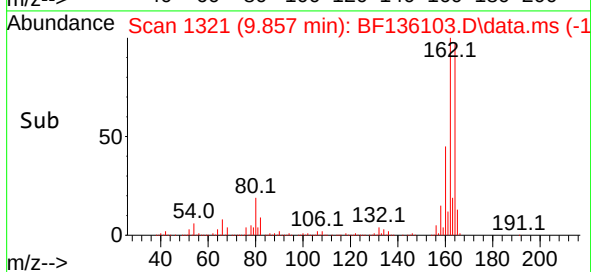
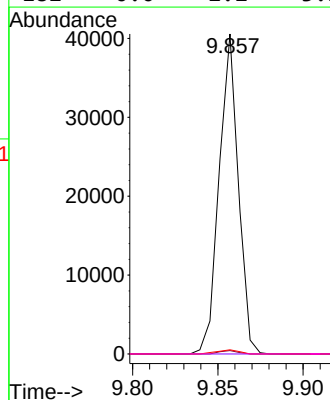
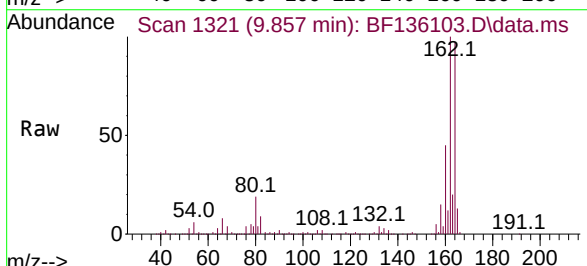
Ion Ratio Lower Upper

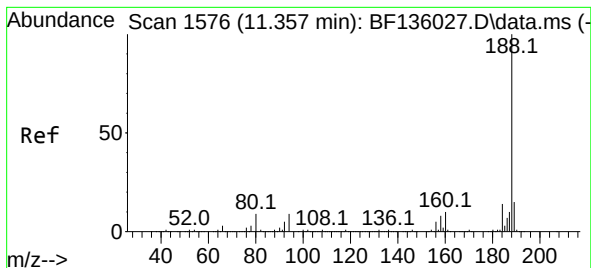
165 100

63 1.1 35.2 52.8#

89 1.3 54.8 82.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136103.D

Acq: 02 Nov 2023 19:01

Instrument :

BNA_F

ClientSampleId :

B2

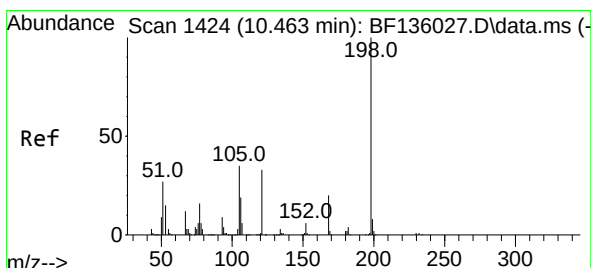
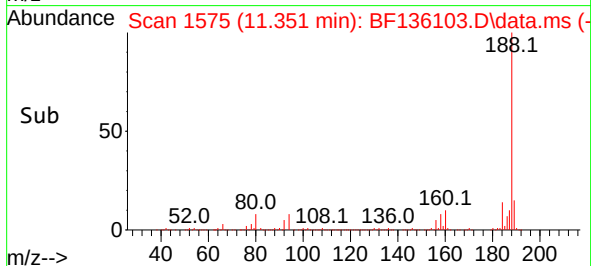
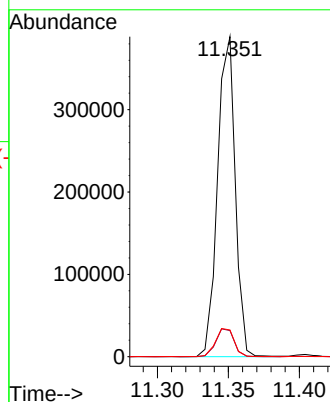
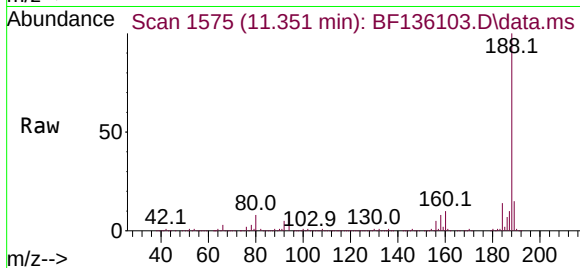
Tgt Ion:188 Resp: 336330

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

80 8.4 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.142 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.188 min

Lab File: BF136103.D

Acq: 02 Nov 2023 19:01

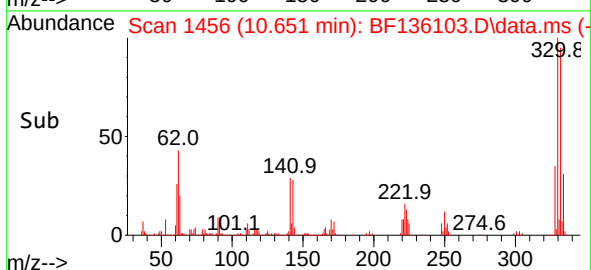
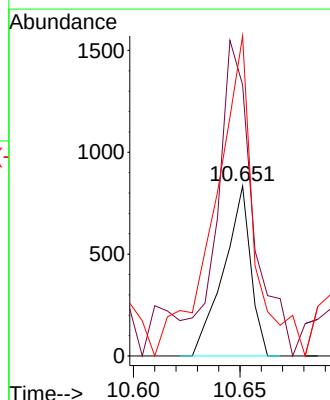
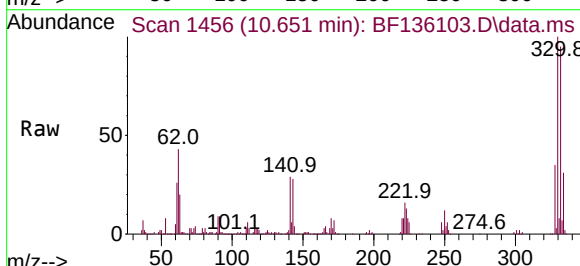
Tgt Ion:198 Resp: 738

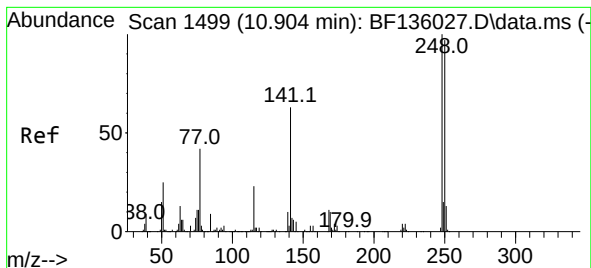
Ion Ratio Lower Upper

198 100

51 159.6 12.9 52.9#

105 188.4 16.0 56.0#

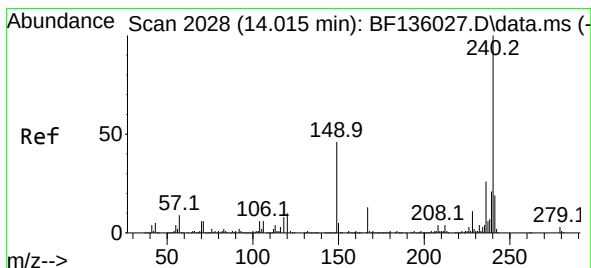
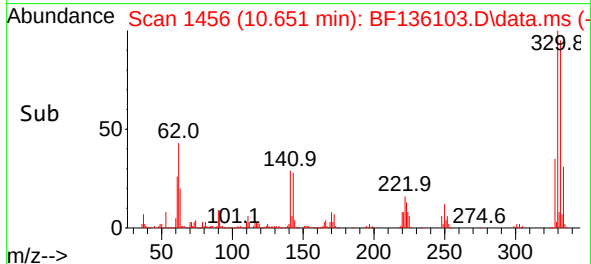
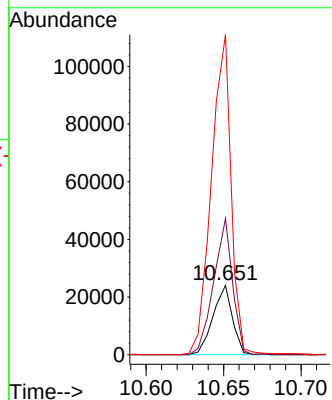
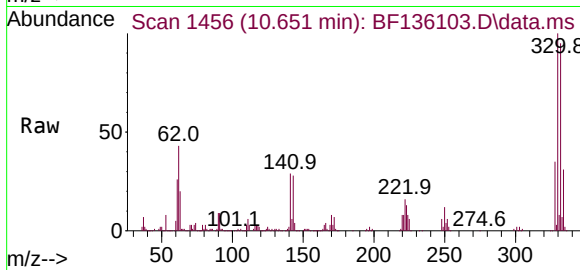




#67
4-Bromophenyl-phenylether
Concen: 5.956 ng
RT: 10.651 min Scan# 1499
Delta R.T. -0.253 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

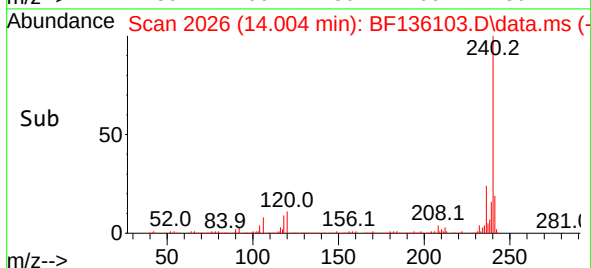
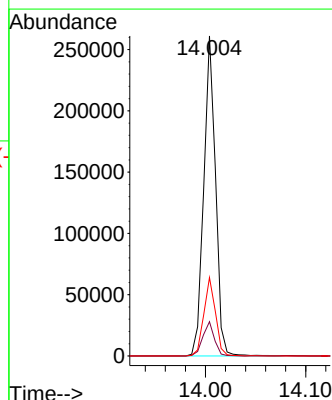
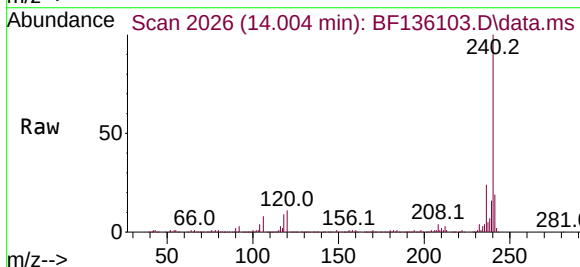
Instrument :
BNA_F
ClientSampleId :
B2

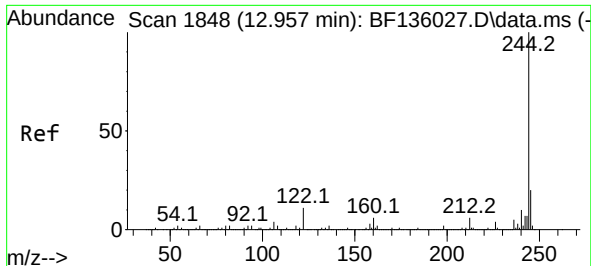
Tgt Ion:248 Resp: 21001
Ion Ratio Lower Upper
248 100
250 196.4 77.6 116.4#
141 461.4 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.011 min
Lab File: BF136103.D
Acq: 02 Nov 2023 19:01

Tgt Ion:240 Resp: 214085
Ion Ratio Lower Upper
240 100
120 10.7 7.6 11.4
236 24.5 20.6 31.0

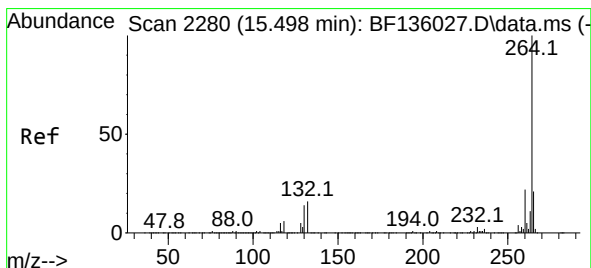
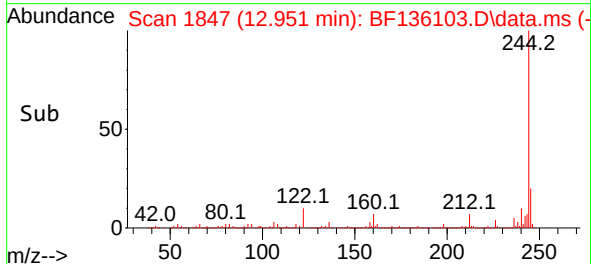
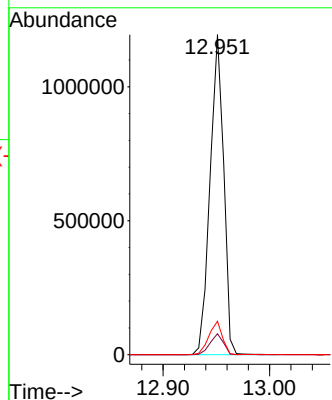
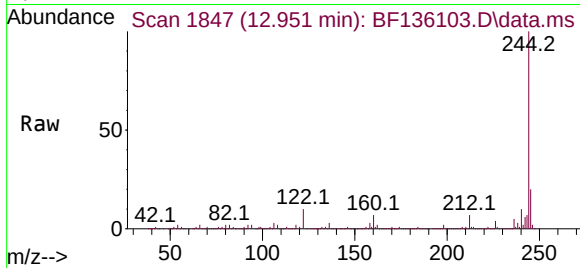




#79
 Terphenyl-d14
 Concen: 77.010 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136103.D
 Acq: 02 Nov 2023 19:01

Instrument :
 BNA_F
 ClientSampleId :
 B2

Tgt Ion:244 Resp: 1060894
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136103.D
 Acq: 02 Nov 2023 19:01

Tgt Ion:264 Resp: 223871
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.9 26.9
 265 20.7 16.8 25.2

