

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128396.D
 Acq On : 23 May 2022 13:06
 Operator : CG\JU
 Sample : N2959-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 284

Quant Time: May 24 01:21:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

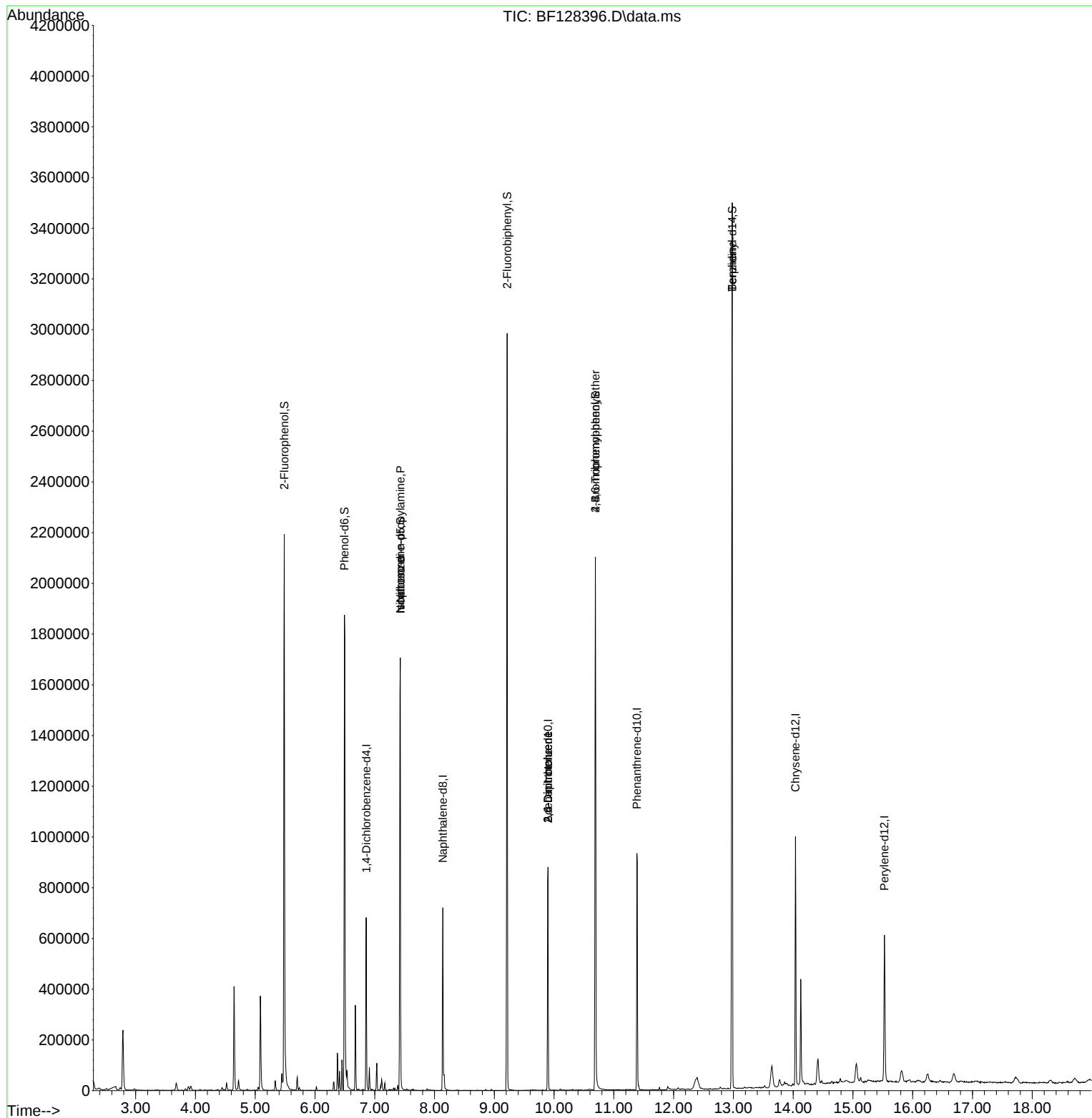
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	88894	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	274394	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	185554	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	362235	20.000	ng	0.00
76) Chrysene-d12	14.039	240	329932	20.000	ng	-0.01
86) Perylene-d12	15.527	264	258931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	603895	108.109	ng	0.00
7) Phenol-d6	6.492	99	692054	94.086	ng	0.00
23) Nitrobenzene-d5	7.428	82	571576	93.331	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	245181	128.125	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	810067	71.393	ng	0.00
79) Terphenyl-d14	12.980	244	1229998	71.967	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	3363	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.428	70	76908	17.482	ng	# 77
25) Isophorone	7.428	82	571572	60.902	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	23765	9.193	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	23765	7.297	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	14874	3.924	ng	# 1
77) Benzidine	12.980	184	18102	2.638	ng	# 94

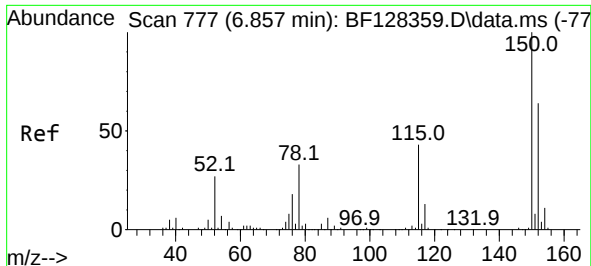
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
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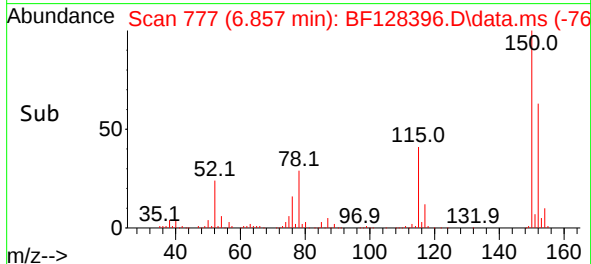
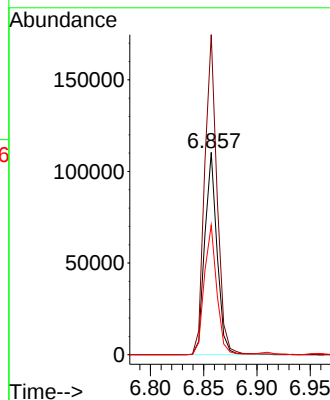
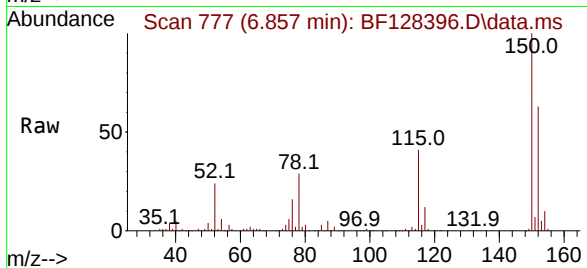




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128396.D
 Acq: 23 May 2022 13:06

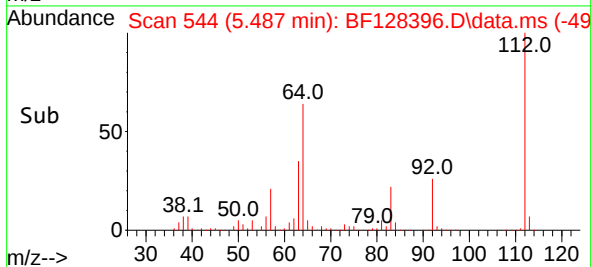
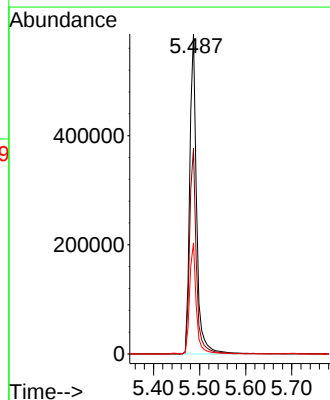
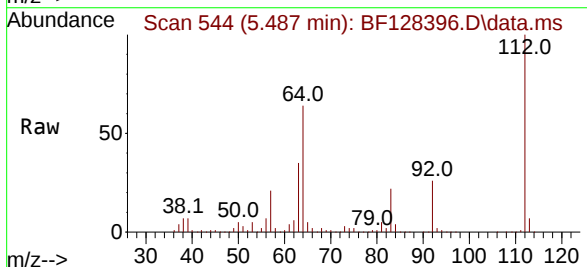
Instrument :
 BNA_F
 ClientSampleId :
 284

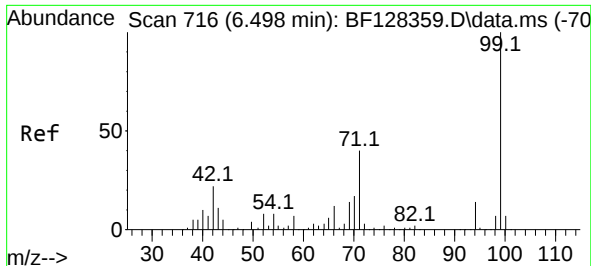
Tgt Ion:152 Resp: 88894
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.3 187.9
 115 64.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 108.109 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF128396.D
 Acq: 23 May 2022 13:06

Tgt Ion:112 Resp: 603895
 Ion Ratio Lower Upper
 112 100
 64 64.2 49.5 74.3
 63 34.7 26.3 39.5

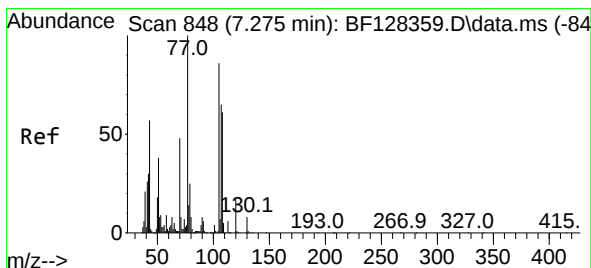
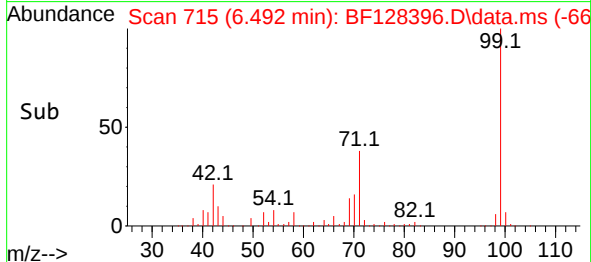
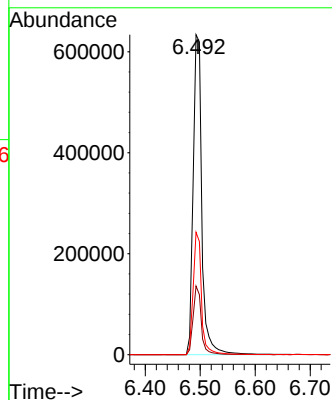
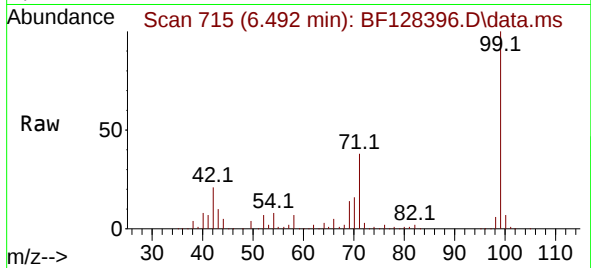




#7
Phenol-d6
Concen: 94.086 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128396.D
Acq: 23 May 2022 13:06

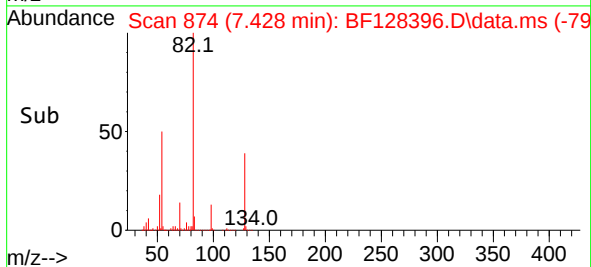
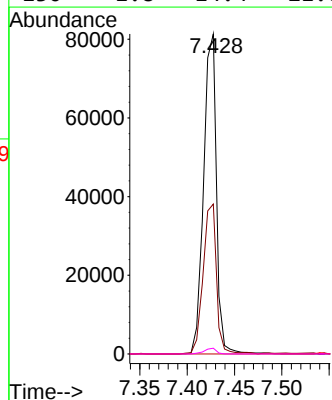
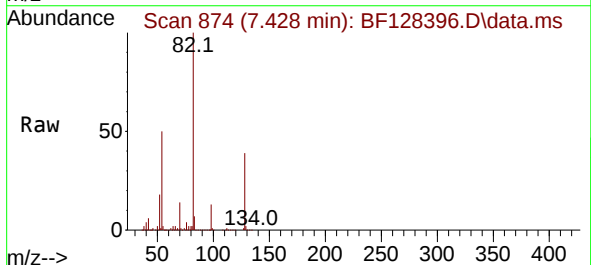
Instrument :
BNA_F
ClientSampleId :
284

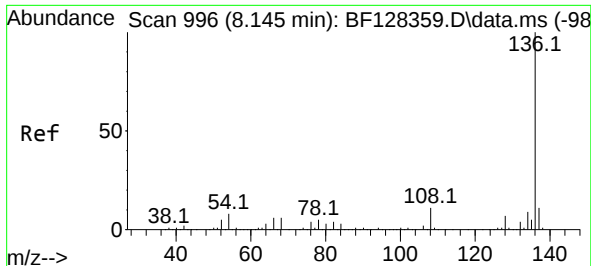
Tgt Ion: 99 Resp: 692054
Ion Ratio Lower Upper
99 100
42 21.4 16.6 24.8
71 38.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.482 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128396.D
Acq: 23 May 2022 13:06

Tgt Ion: 70 Resp: 76908
Ion Ratio Lower Upper
70 100
42 46.8 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

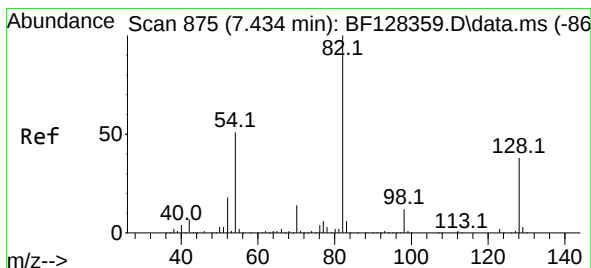
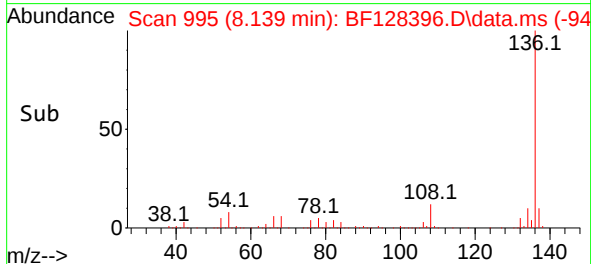
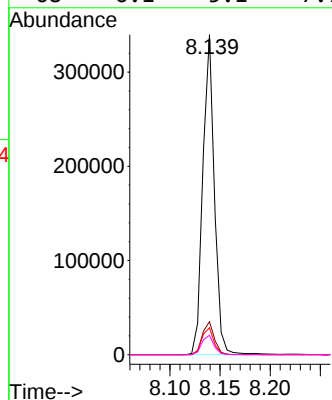
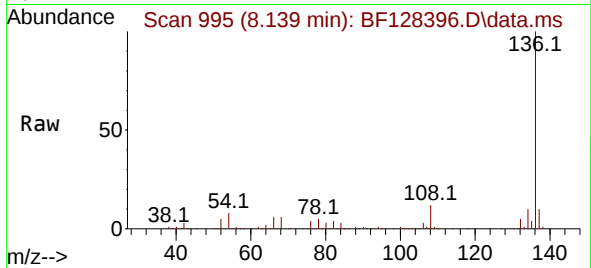




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128396.D
Acq: 23 May 2022 13:06

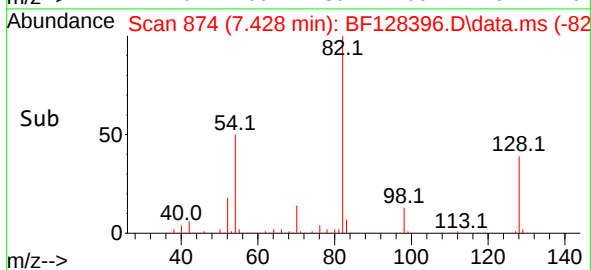
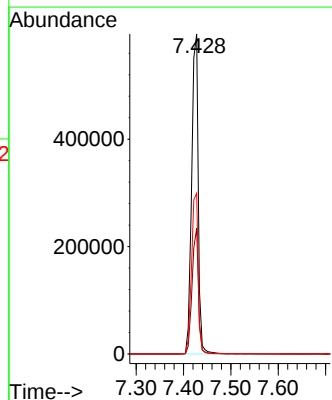
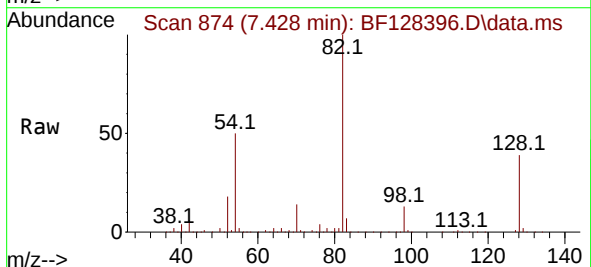
Instrument :
BNA_F
ClientSampleId :
284

Tgt Ion:136	Resp: 274394
Ion Ratio	Lower Upper
136 100	
137 10.3	8.6 13.0
54 8.4	6.8 10.2
68 6.1	5.1 7.7



#23
Nitrobenzene-d5
Concen: 93.331 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF128396.D
Acq: 23 May 2022 13:06

Tgt Ion: 82	Resp: 571576
Ion Ratio	Lower Upper
82 100	
128 39.2	30.0 45.0
54 50.3	41.3 61.9

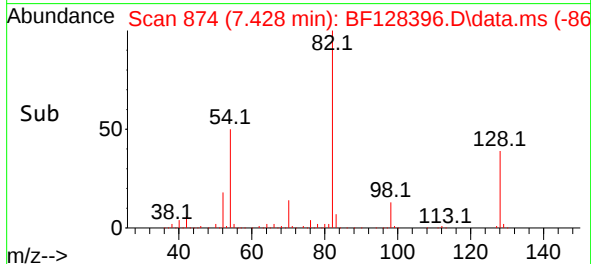
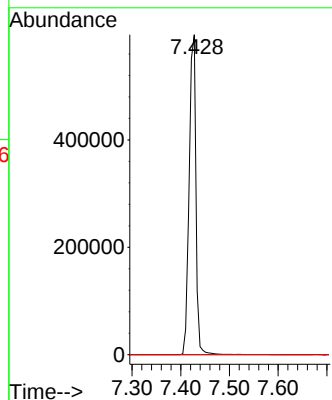
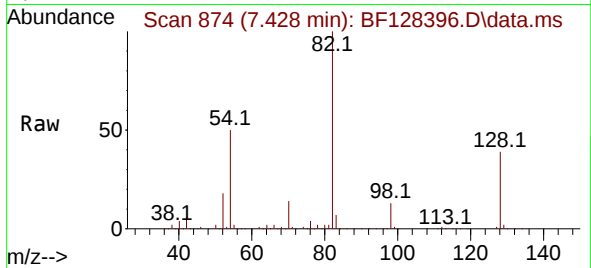




#25
Isophorone
Concen: 60.902 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128396.D
Acq: 23 May 2022 13:06

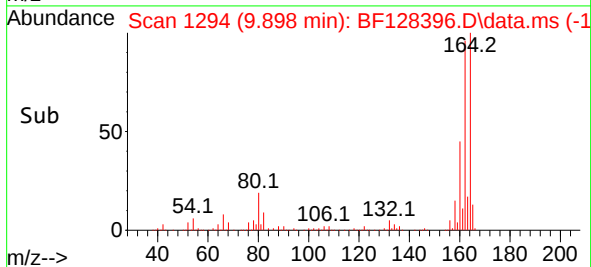
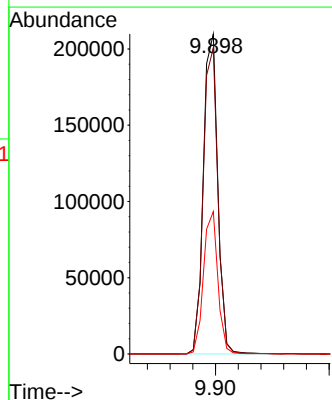
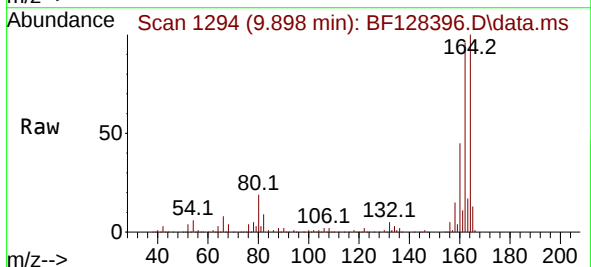
Instrument :
BNA_F
ClientSampleId :
284

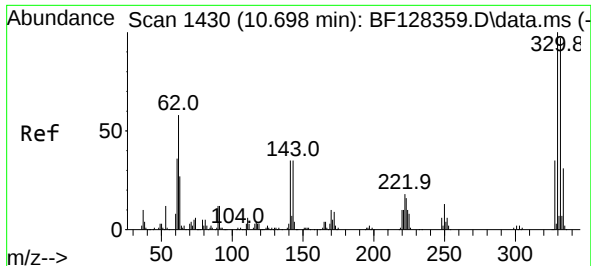
Tgt Ion: 82 Resp: 571572
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128396.D
Acq: 23 May 2022 13:06

Tgt Ion:164 Resp: 185554
Ion Ratio Lower Upper
164 100
162 95.7 76.0 114.0
160 44.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 128.125 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF128396.D

Acq: 23 May 2022 13:06

Instrument :

BNA_F

ClientSampleId :

284

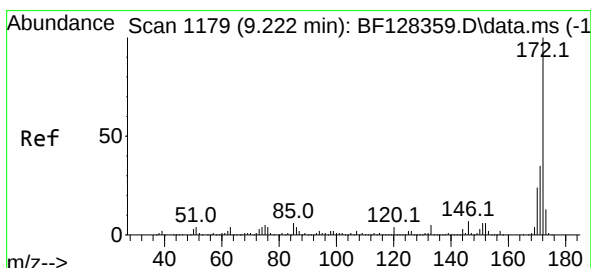
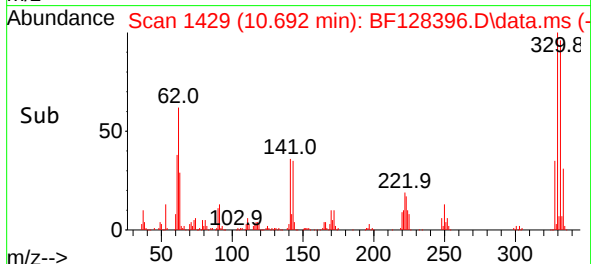
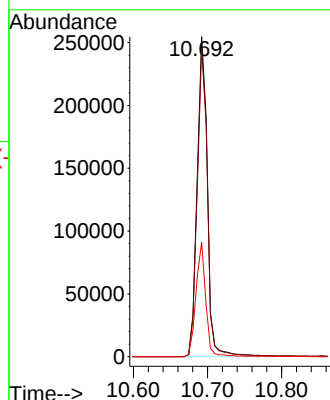
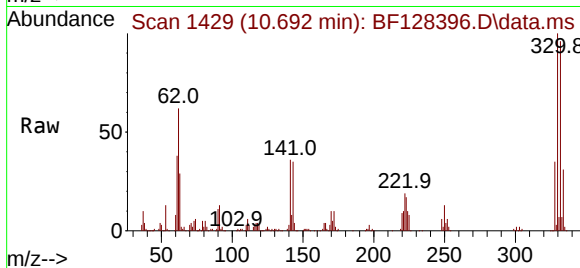
Tgt Ion:330 Resp: 245181

Ion Ratio Lower Upper

330 100

332 96.3 79.0 118.4

141 34.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 71.393 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128396.D

Acq: 23 May 2022 13:06

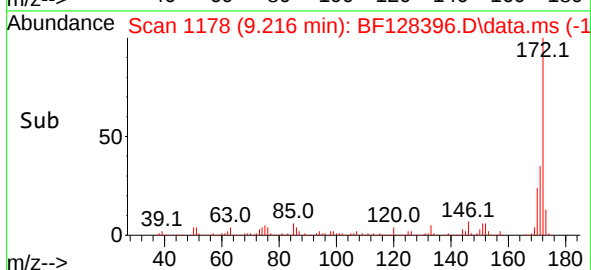
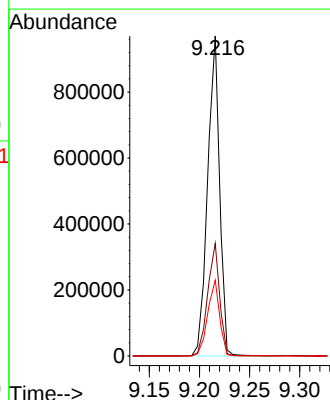
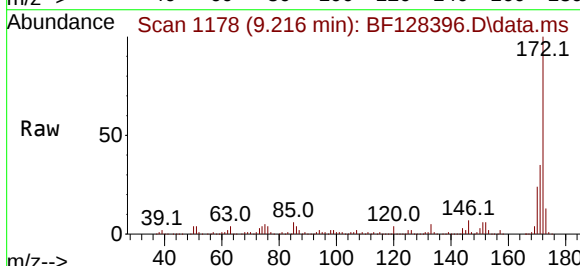
Tgt Ion:172 Resp: 810067

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.193 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF128396.D

Acq: 23 May 2022 13:06

Instrument :

BNA_F

ClientSampleId :

284

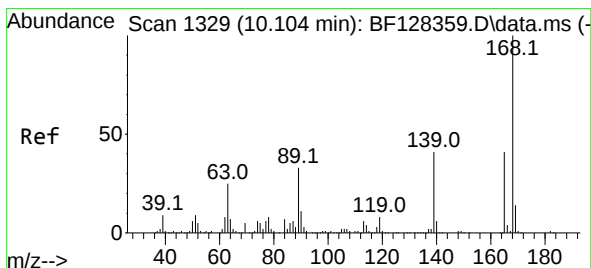
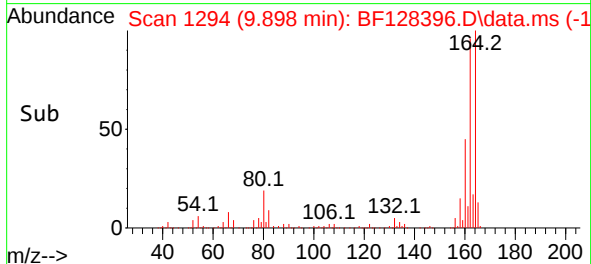
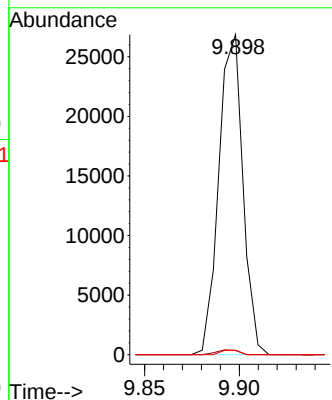
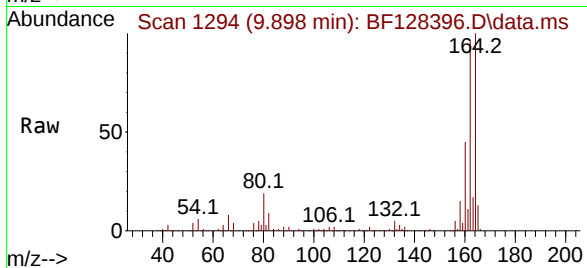
Tgt Ion:165 Resp: 23765

Ion Ratio Lower Upper

165 100

63 1.3 49.5 74.3#

89 1.4 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.297 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.206 min

Lab File: BF128396.D

Acq: 23 May 2022 13:06

Tgt Ion:165 Resp: 23765

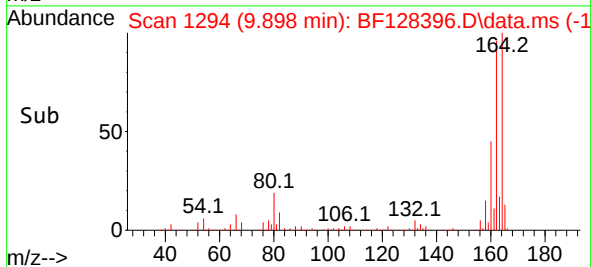
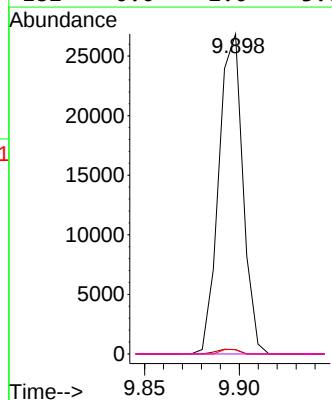
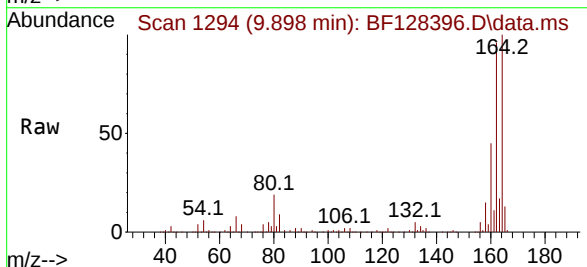
Ion Ratio Lower Upper

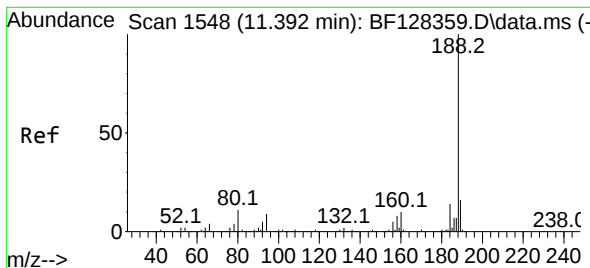
165 100

63 1.3 32.6 49.0#

89 1.4 55.2 82.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128396.D

Acq: 23 May 2022 13:06

Instrument :

BNA_F

ClientSampleId :

284

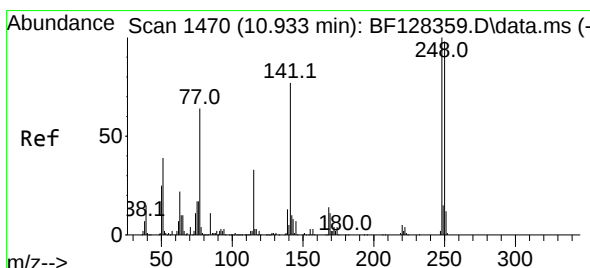
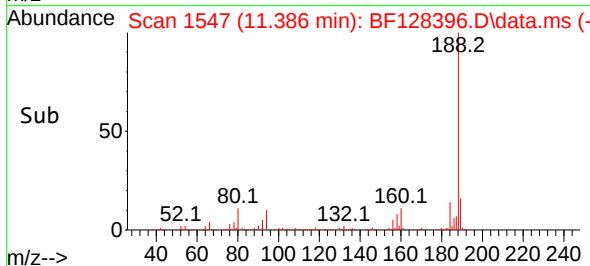
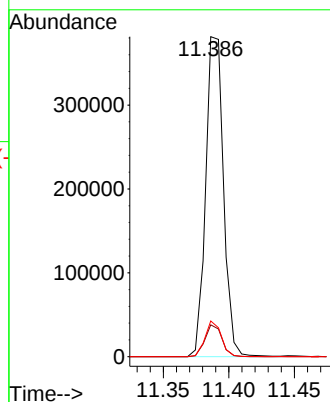
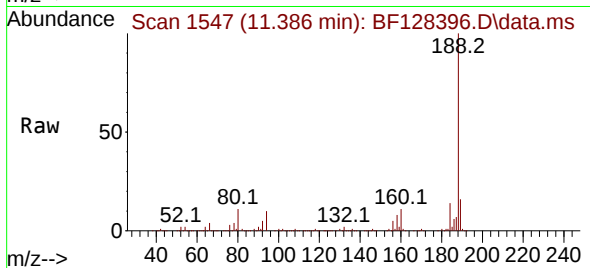
Tgt Ion:188 Resp: 362235

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

80 11.2 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.924 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.241 min

Lab File: BF128396.D

Acq: 23 May 2022 13:06

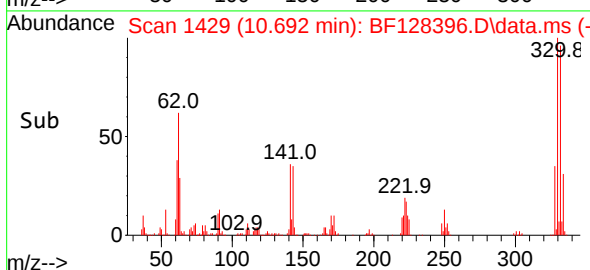
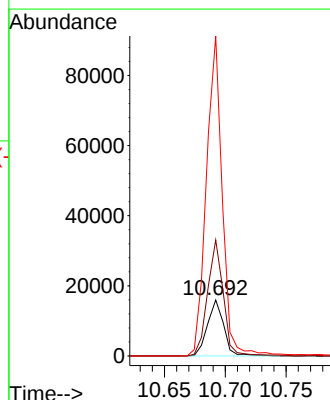
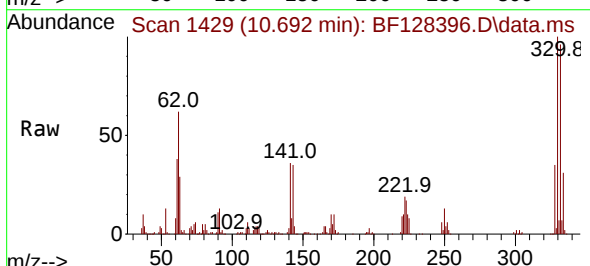
Tgt Ion:248 Resp: 14874

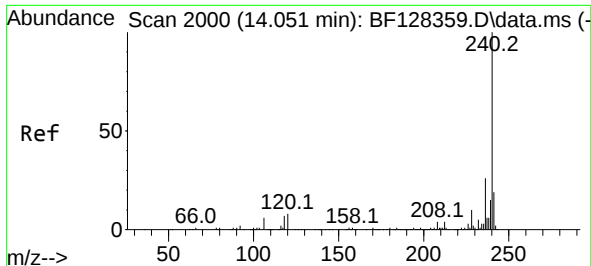
Ion Ratio Lower Upper

248 100

250 207.1 77.7 116.5#

141 571.2 65.6 98.4#

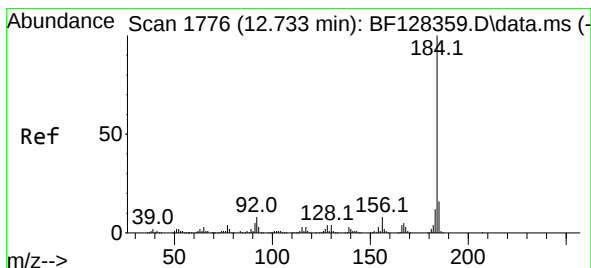
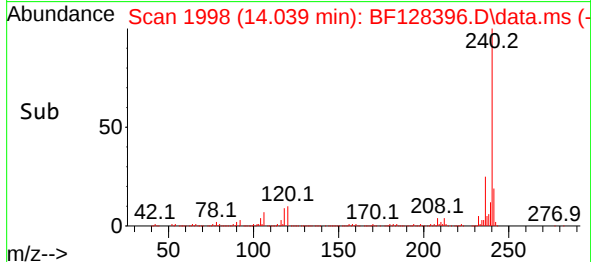
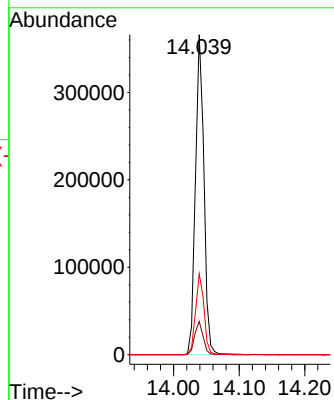
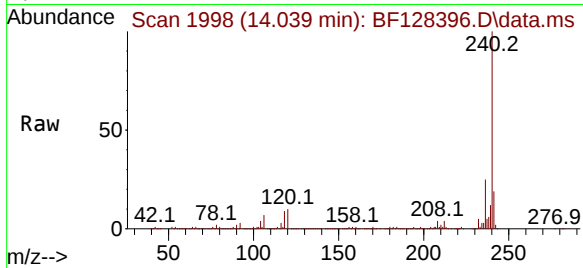




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128396.D
Acq: 23 May 2022 13:06

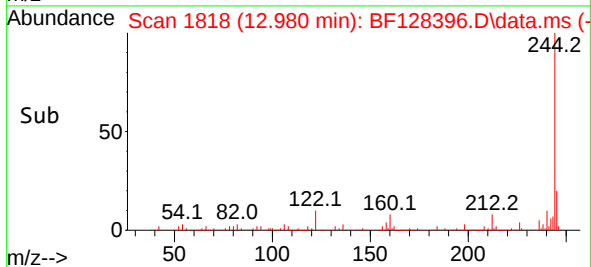
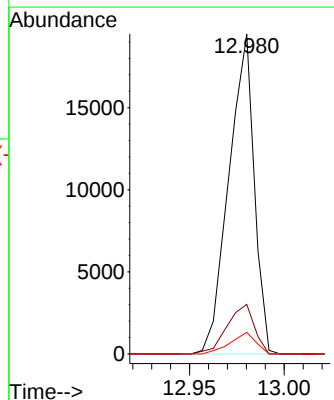
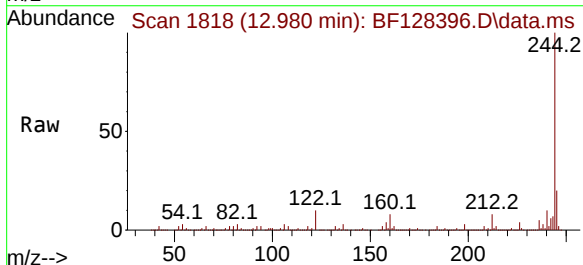
Instrument :
BNA_F
ClientSampleId :
284

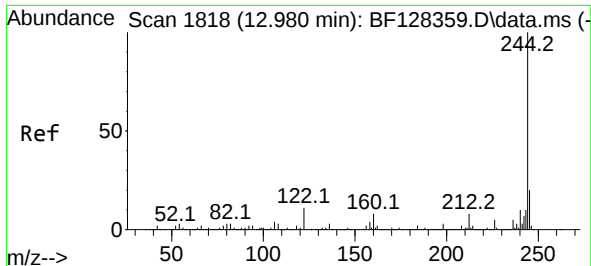
Tgt Ion:240 Resp: 329932
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 25.3 20.3 30.5



#77
Benzidine
Concen: 2.638 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128396.D
Acq: 23 May 2022 13:06

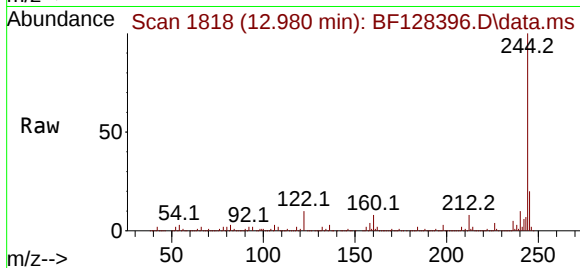
Tgt Ion:184 Resp: 18102
Ion Ratio Lower Upper
184 100
185 15.5 12.1 18.1
183 6.7 9.0 13.4#



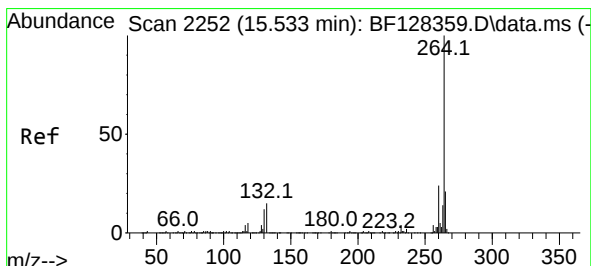
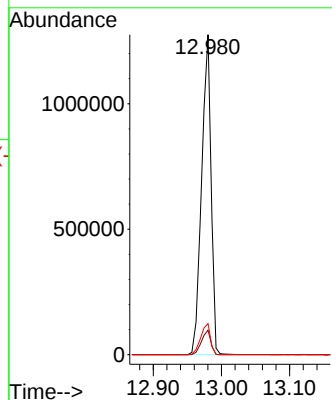
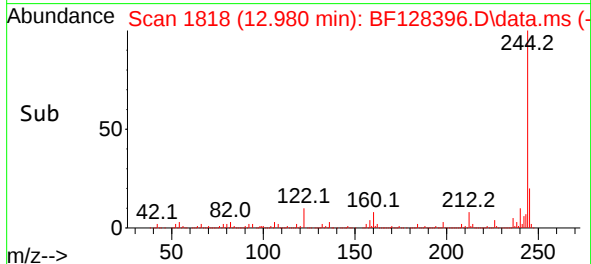


#79
 Terphenyl-d14
 Concen: 71.967 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128396.D
 Acq: 23 May 2022 13:06

Instrument :
 BNA_F
 ClientSampleId :
 284



Tgt Ion:244 Resp: 1229998
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 9.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128396.D
 Acq: 23 May 2022 13:06

Tgt Ion:264 Resp: 258931
 Ion Ratio Lower Upper
 264 100
 260 23.3 20.1 30.1
 265 21.0 17.5 26.3

