

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
 Data File : BF130280.D
 Acq On : 15 Sep 2022 19:56
 Operator : CG\JU
 Sample : N4549-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-49

Quant Time: Sep 16 03:34:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

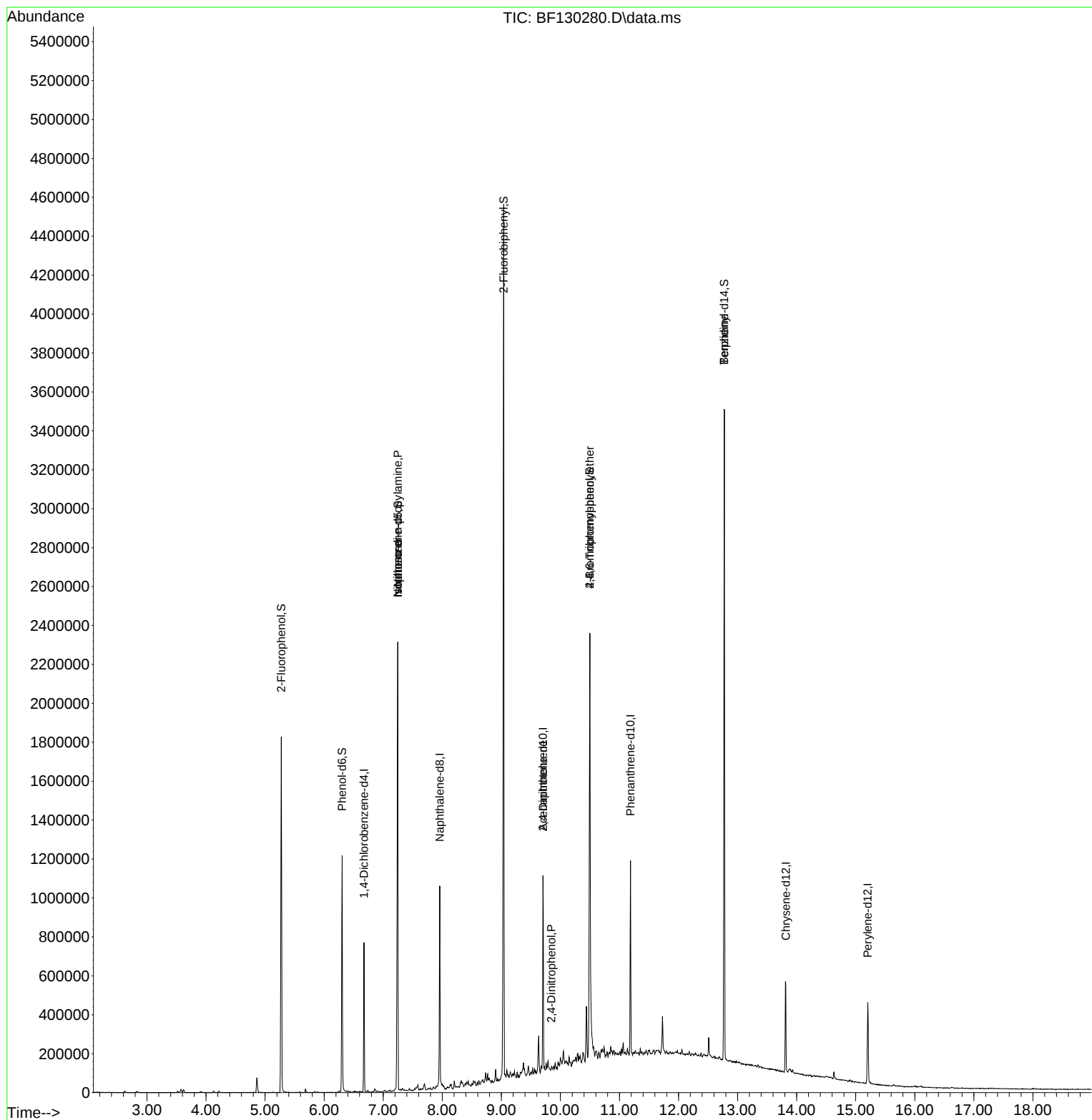
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	95565	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	378187	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	192420	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	301974	20.000	ng	0.00
76) Chrysene-d12	13.816	240	158255	20.000	ng	0.00
86) Perylene-d12	15.204	264	168541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	466512	84.670	ng	0.00
7) Phenol-d6	6.304	99	371863	53.940	ng	-0.01
23) Nitrobenzene-d5	7.245	82	744019	100.508	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	313545	170.058	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1312533	99.329	ng	0.00
79) Terphenyl-d14	12.775	244	1004263	105.118	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.245	70	103108	22.165	ng	# 74
25) Isophorone	7.245	82	742075	62.196	ng	# 66
54) 2,4-Dinitrophenol	9.845	184	59	6.290	ng	# 1
57) 2,4-Dinitrotoluene	9.704	165	25256	7.109	ng	# 17
67) 4-Bromophenyl-phenylether	10.498	248	20256	6.081	ng	# 1
77) Benzidine	12.775	184	15791	3.437	ng	# 91

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

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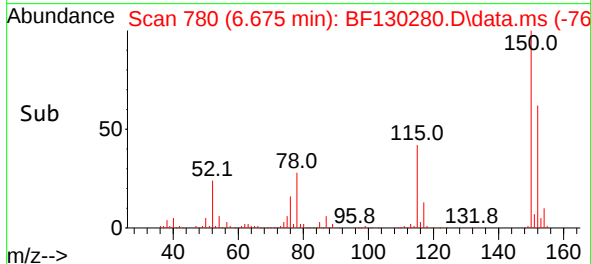
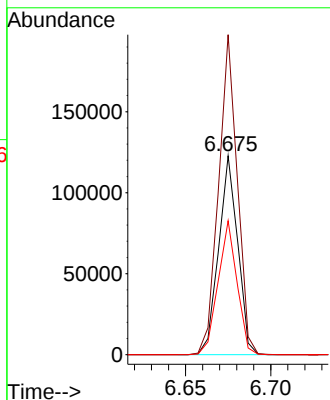
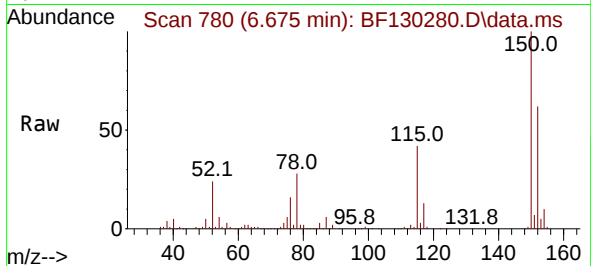




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: BF130280.D
 Acq: 15 Sep 2022 19:56

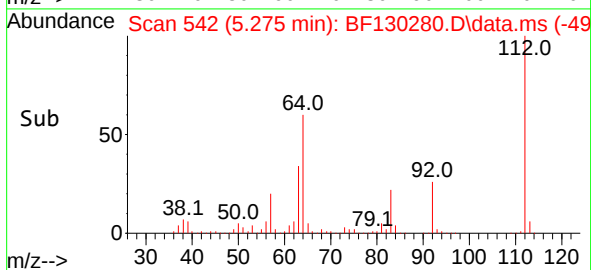
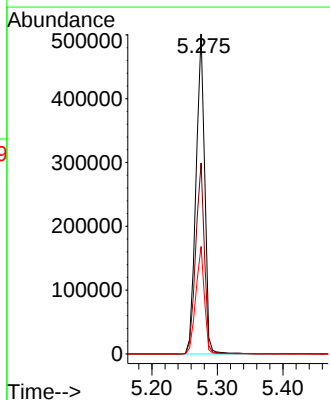
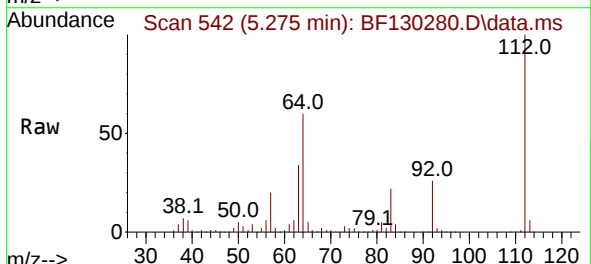
Instrument :
 BNA_F
 ClientSampleId :
 MW-49

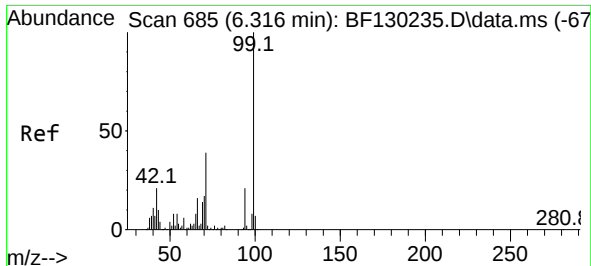
Tgt Ion:152 Resp: 95565
 Ion Ratio Lower Upper
 152 100
 150 160.9 122.8 184.2
 115 67.3 53.8 80.8



#5
 2-Fluorophenol
 Concen: 84.670 ng
 RT: 5.275 min Scan# 542
 Delta R.T. 0.000 min
 Lab File: BF130280.D
 Acq: 15 Sep 2022 19:56

Tgt Ion:112 Resp: 466512
 Ion Ratio Lower Upper
 112 100
 64 59.7 51.4 77.0
 63 33.6 28.8 43.2

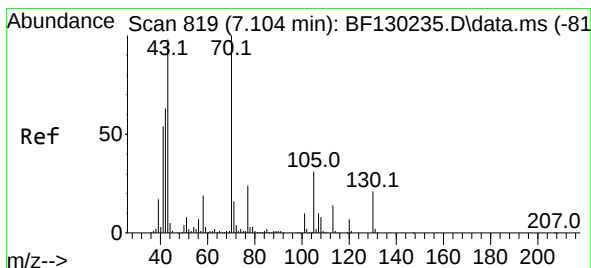
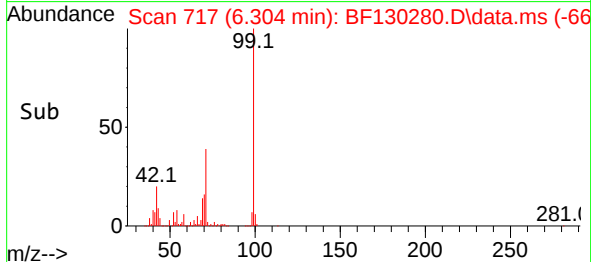
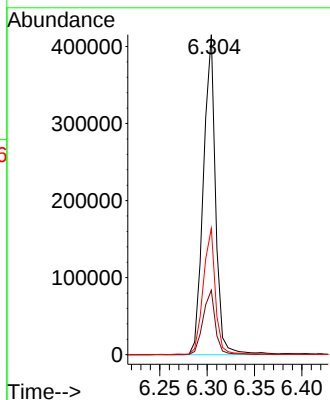
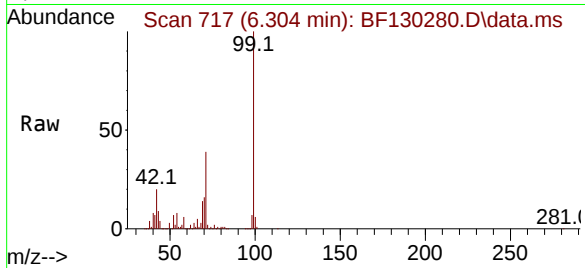




#7
Phenol-d6
Concen: 53.940 ng
RT: 6.304 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF130280.D
Acq: 15 Sep 2022 19:56

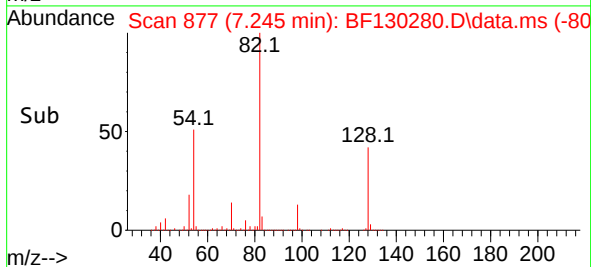
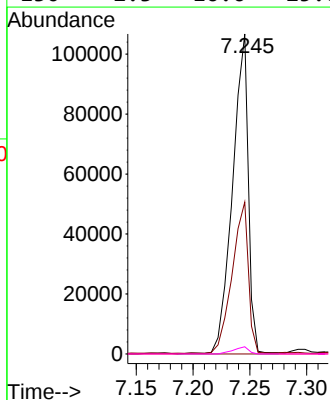
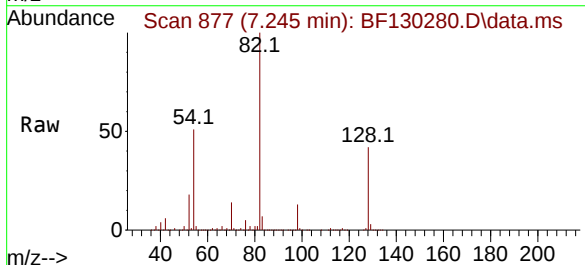
Instrument :
BNA_F
ClientSampleId :
MW-49

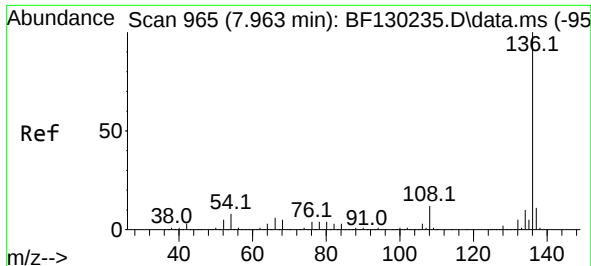
Tgt Ion: 99 Resp: 371863
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 39.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 22.165 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.141 min
Lab File: BF130280.D
Acq: 15 Sep 2022 19:56

Tgt Ion: 70 Resp: 103108
Ion Ratio Lower Upper
70 100
42 47.5 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

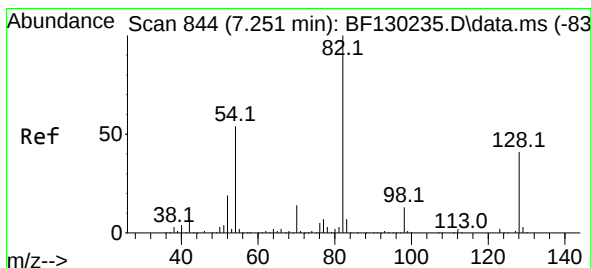
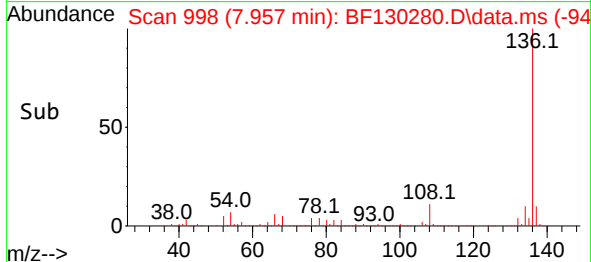
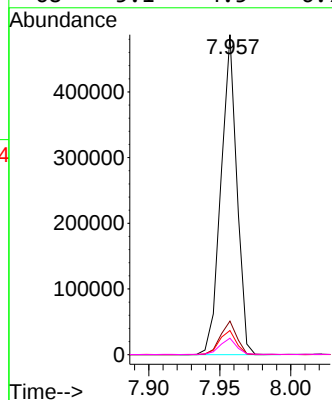
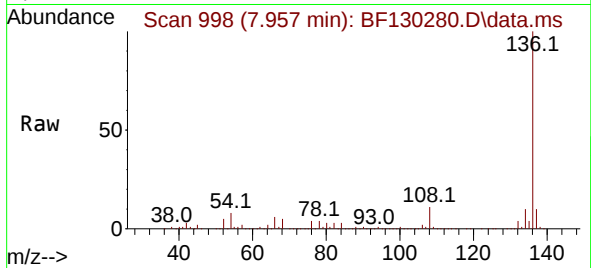




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130280.D
Acq: 15 Sep 2022 19:56

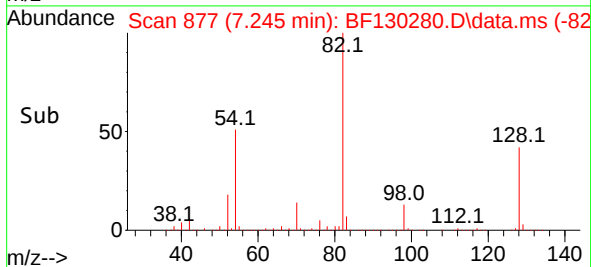
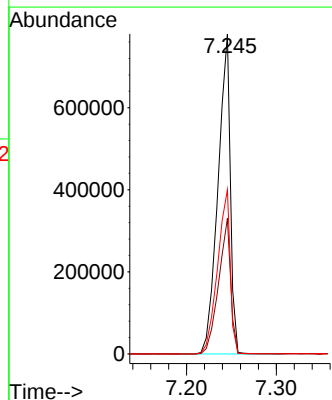
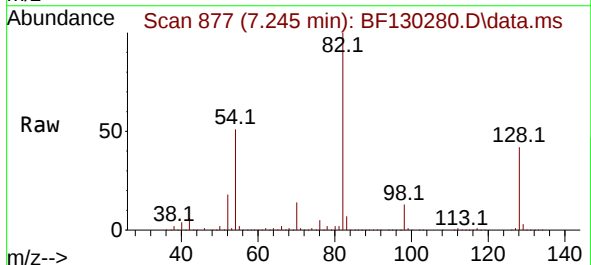
Instrument :
BNA_F
ClientSampleId :
MW-49

Tgt Ion:136	Resp: 378187		
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	7.5	7.1	10.7
68	5.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 100.508 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF130280.D
Acq: 15 Sep 2022 19:56

Tgt Ion: 82	Resp: 744019
Ion Ratio	Lower Upper
82 100	
128 42.4	32.6 49.0
54 51.3	43.8 65.6

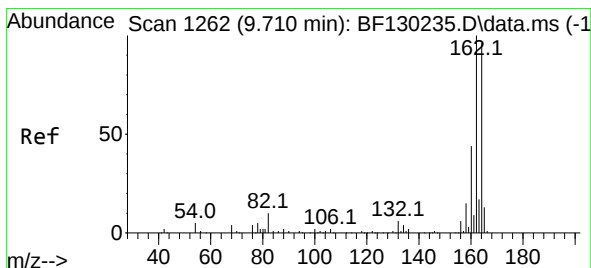
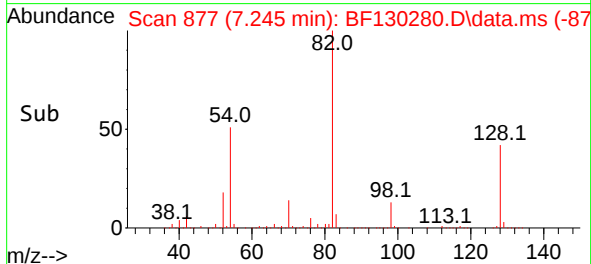
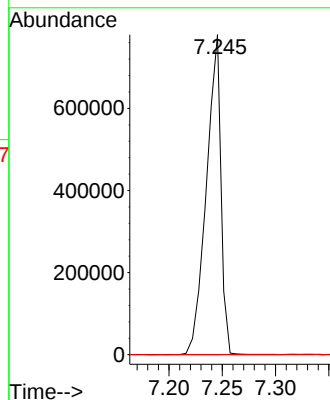
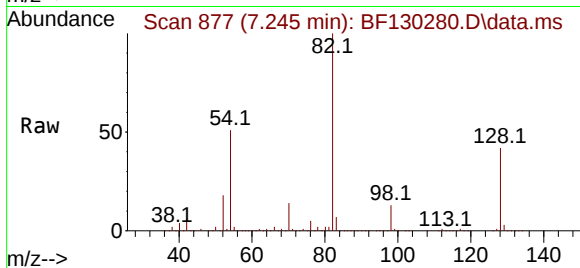




#25
Isophorone
Concen: 62.196 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130280.D
Acq: 15 Sep 2022 19:56

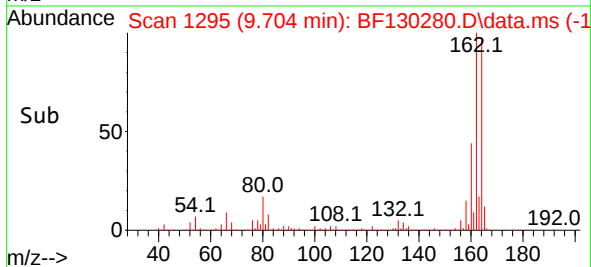
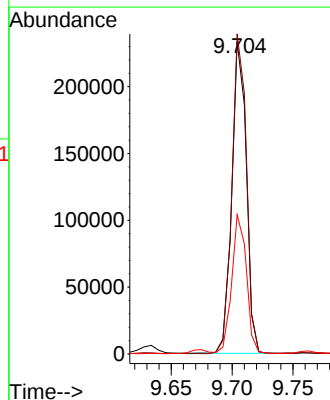
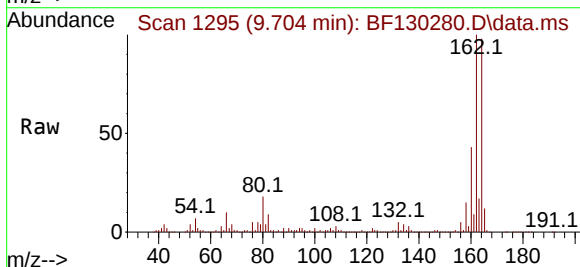
Instrument :
BNA_F
ClientSampleId :
MW-49

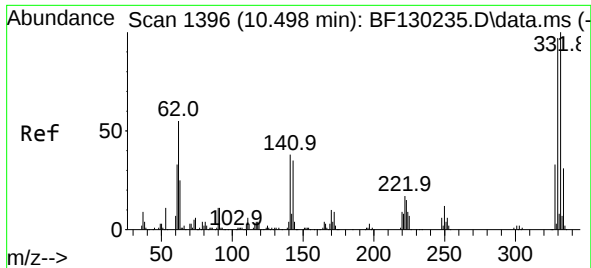
Tgt Ion: 82 Resp: 742075
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF130280.D
Acq: 15 Sep 2022 19:56

Tgt Ion:164 Resp: 192420
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 170.058 ng

RT: 10.498 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF130280.D

Acq: 15 Sep 2022 19:56

Instrument :

BNA_F

ClientSampleId :

MW-49

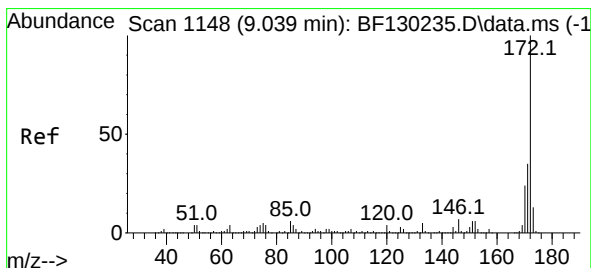
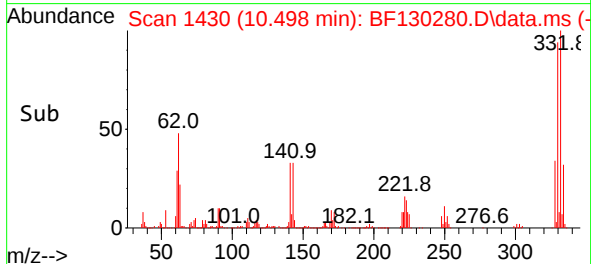
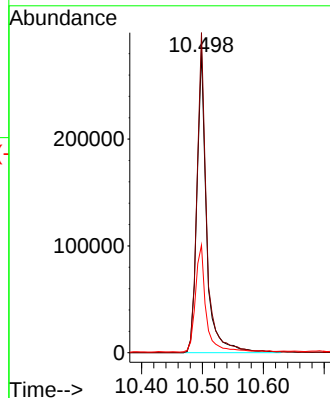
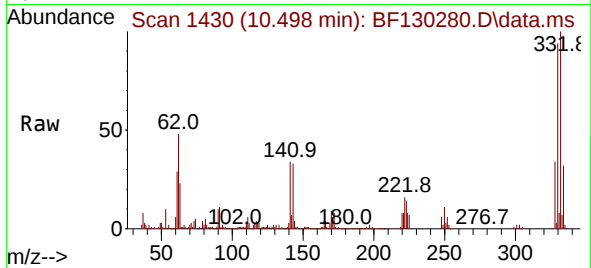
Tgt Ion:330 Resp: 313545

Ion Ratio Lower Upper

330 100

332 105.1 83.4 125.2

141 38.3 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 99.329 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF130280.D

Acq: 15 Sep 2022 19:56

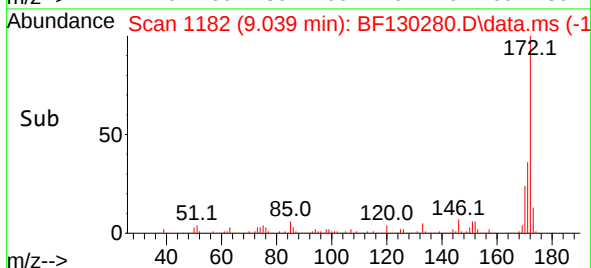
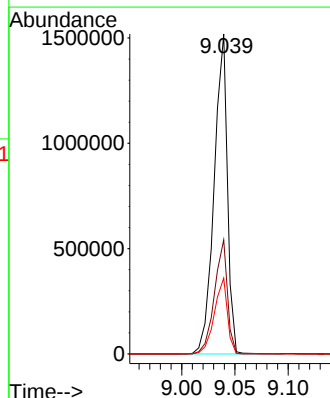
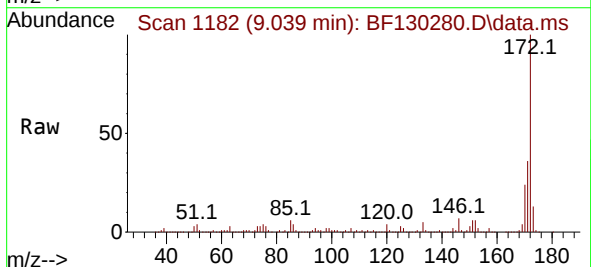
Tgt Ion:172 Resp: 1312533

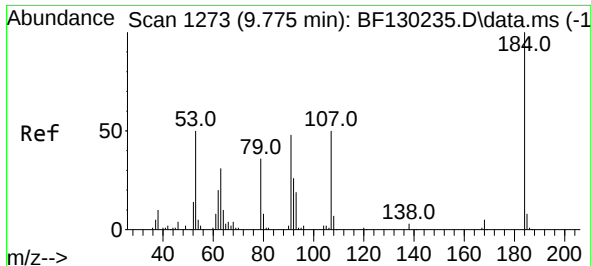
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.7 18.7 28.1





#54

2,4-Dinitrophenol

Concen: 6.290 ng

RT: 9.845 min Scan# 1

Delta R.T. 0.070 min

Lab File: BF130280.D

Acq: 15 Sep 2022 19:56

Instrument :

BNA_F

ClientSampleId :

MW-49

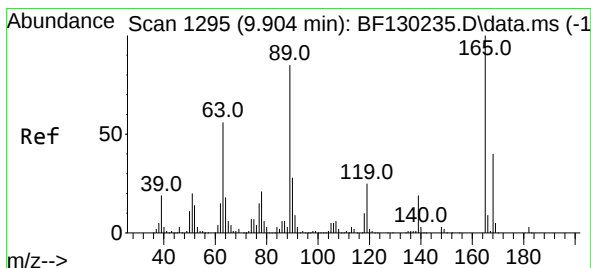
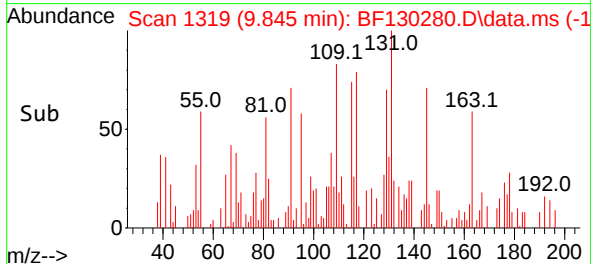
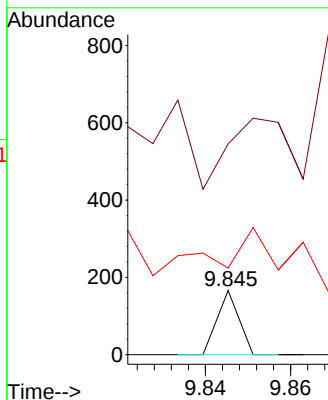
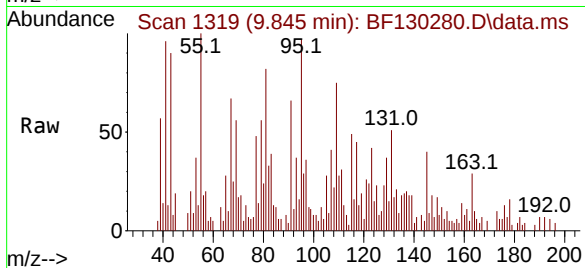
Tgt Ion:184 Resp: 59

Ion Ratio Lower Upper

184 100

63 328.3 70.0 105.0#

154 134.9 63.0 94.6#



#57

2,4-Dinitrotoluene

Concen: 7.109 ng

RT: 9.704 min Scan# 1295

Delta R.T. -0.200 min

Lab File: BF130280.D

Acq: 15 Sep 2022 19:56

Tgt Ion:165 Resp: 25256

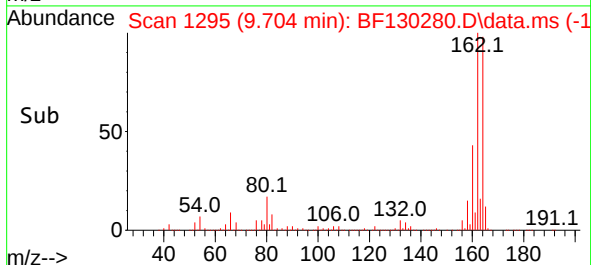
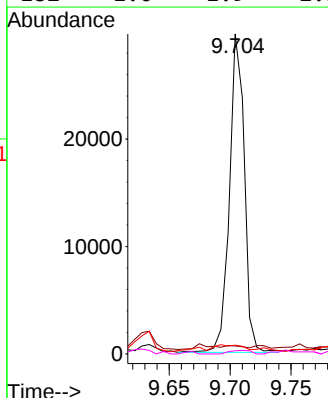
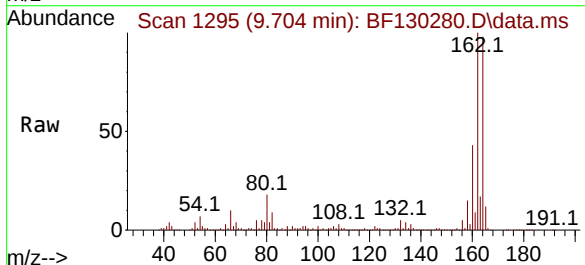
Ion Ratio Lower Upper

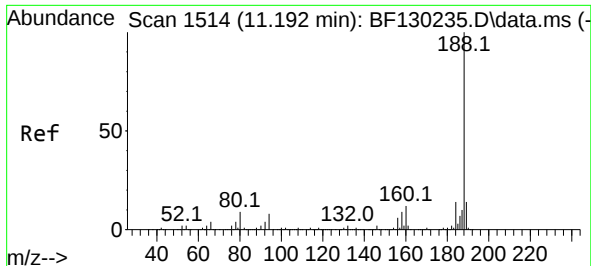
165 100

63 2.5 44.7 67.1#

89 2.7 69.0 103.4#

182 1.0 1.9 2.9#

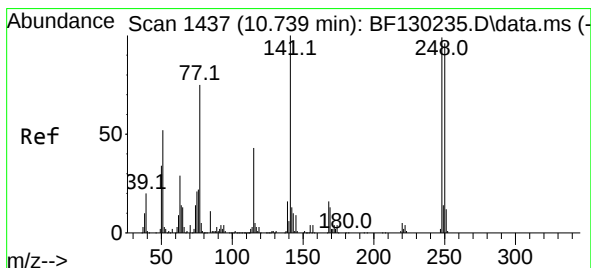
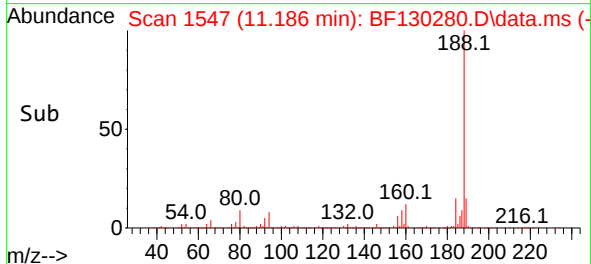
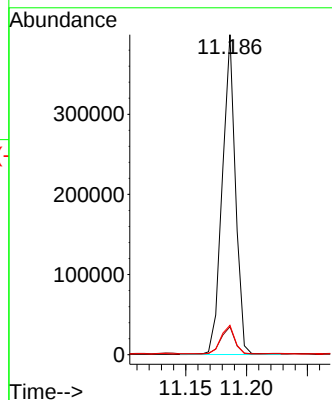
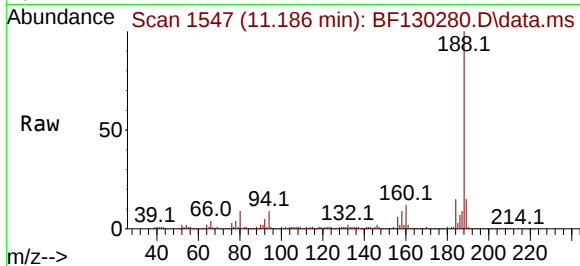




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130280.D
Acq: 15 Sep 2022 19:56

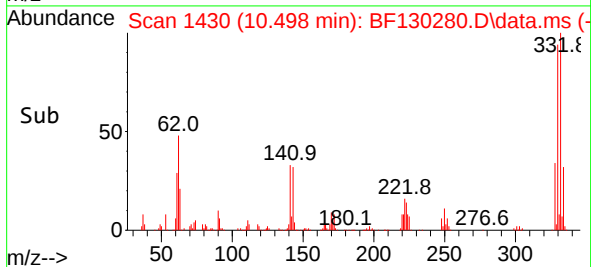
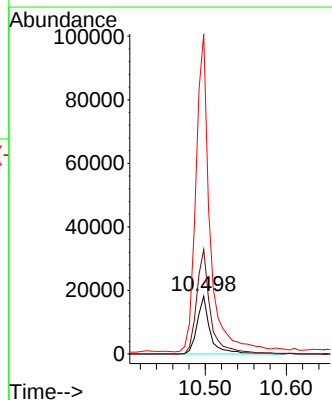
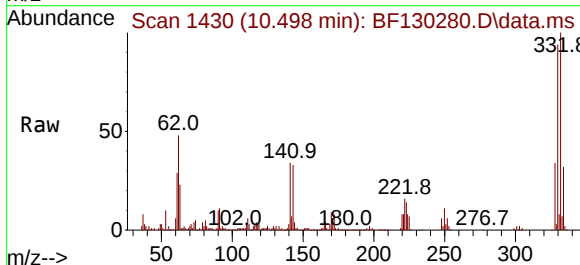
Instrument :
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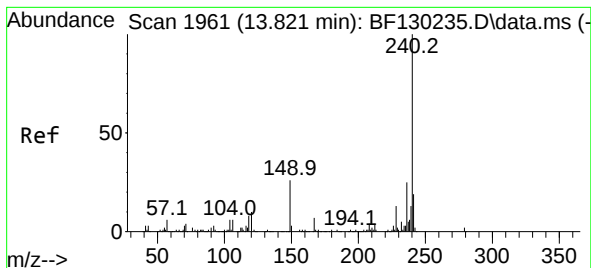
Tgt Ion:188 Resp: 301974
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 6.081 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.241 min
Lab File: BF130280.D
Acq: 15 Sep 2022 19:56

Tgt Ion:248 Resp: 20256
Ion Ratio Lower Upper
248 100
250 181.2 80.0 120.0#
141 554.7 68.5 102.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.816 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF130280.D

Acq: 15 Sep 2022 19:56

Instrument :

BNA_F

ClientSampleId :

MW-49

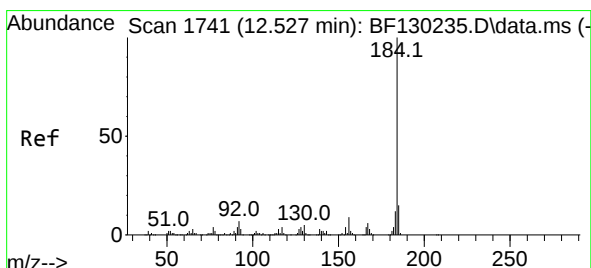
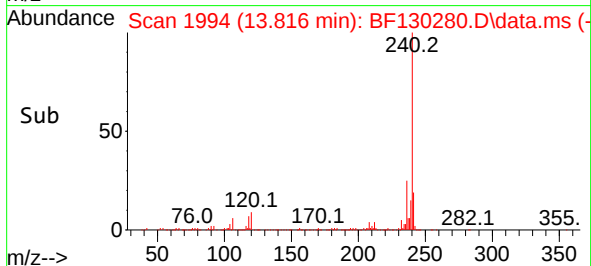
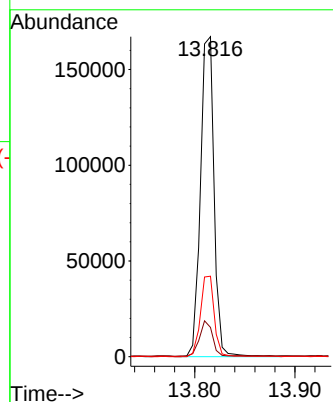
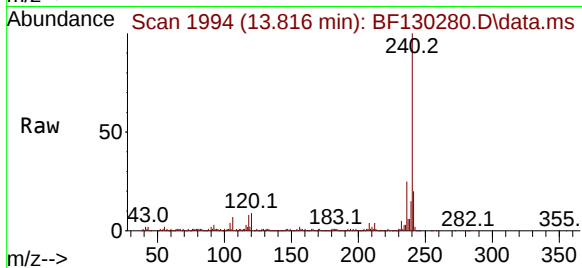
Tgt Ion:240 Resp: 158255

Ion Ratio Lower Upper

240 100

120 9.1 8.7 13.1

236 25.2 20.9 31.3



#77

Benzidine

Concen: 3.437 ng

RT: 12.775 min Scan# 1817

Delta R.T. 0.247 min

Lab File: BF130280.D

Acq: 15 Sep 2022 19:56

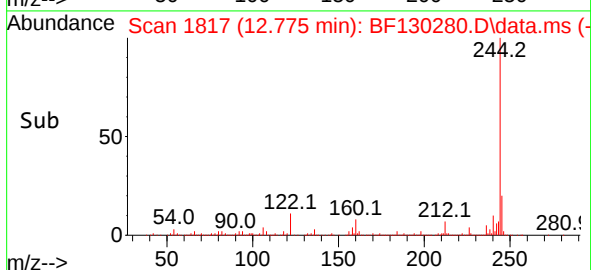
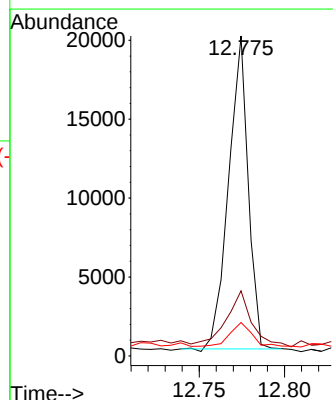
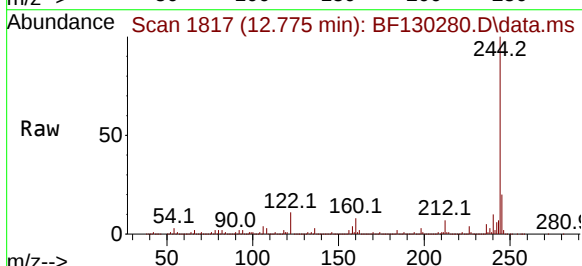
Tgt Ion:184 Resp: 15791

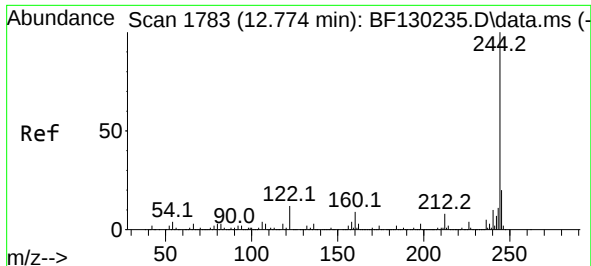
Ion Ratio Lower Upper

184 100

185 20.4 11.8 17.6#

183 10.5 9.1 13.7

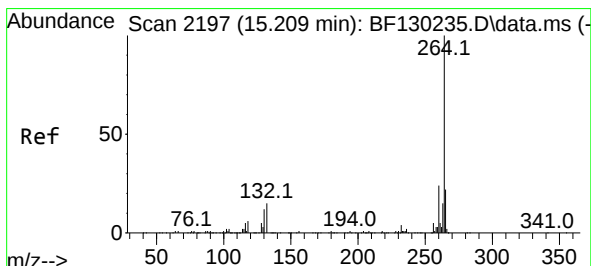
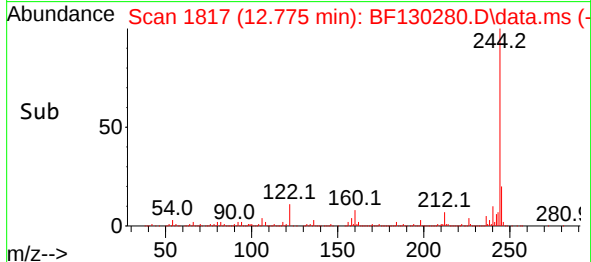
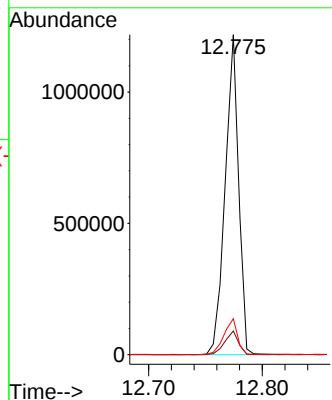
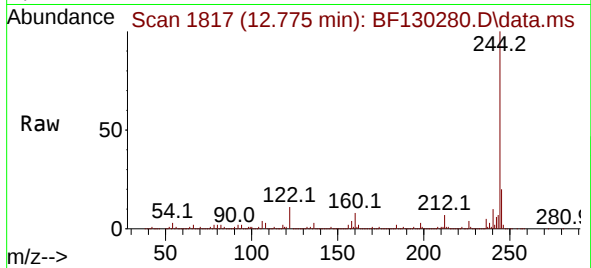




#79
 Terphenyl-d14
 Concen: 105.118 ng
 RT: 12.775 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130280.D
 Acq: 15 Sep 2022 19:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-49

Tgt Ion:244 Resp: 1004263
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.204 min Scan# 2230
 Delta R.T. -0.006 min
 Lab File: BF130280.D
 Acq: 15 Sep 2022 19:56

Tgt Ion:264 Resp: 168541
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 20.8 17.0 25.4

