

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130426.D
 Acq On : 27 Sep 2022 15:40
 Operator : CG\JU
 Sample : N4809-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0923

Quant Time: Sep 27 18:42:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

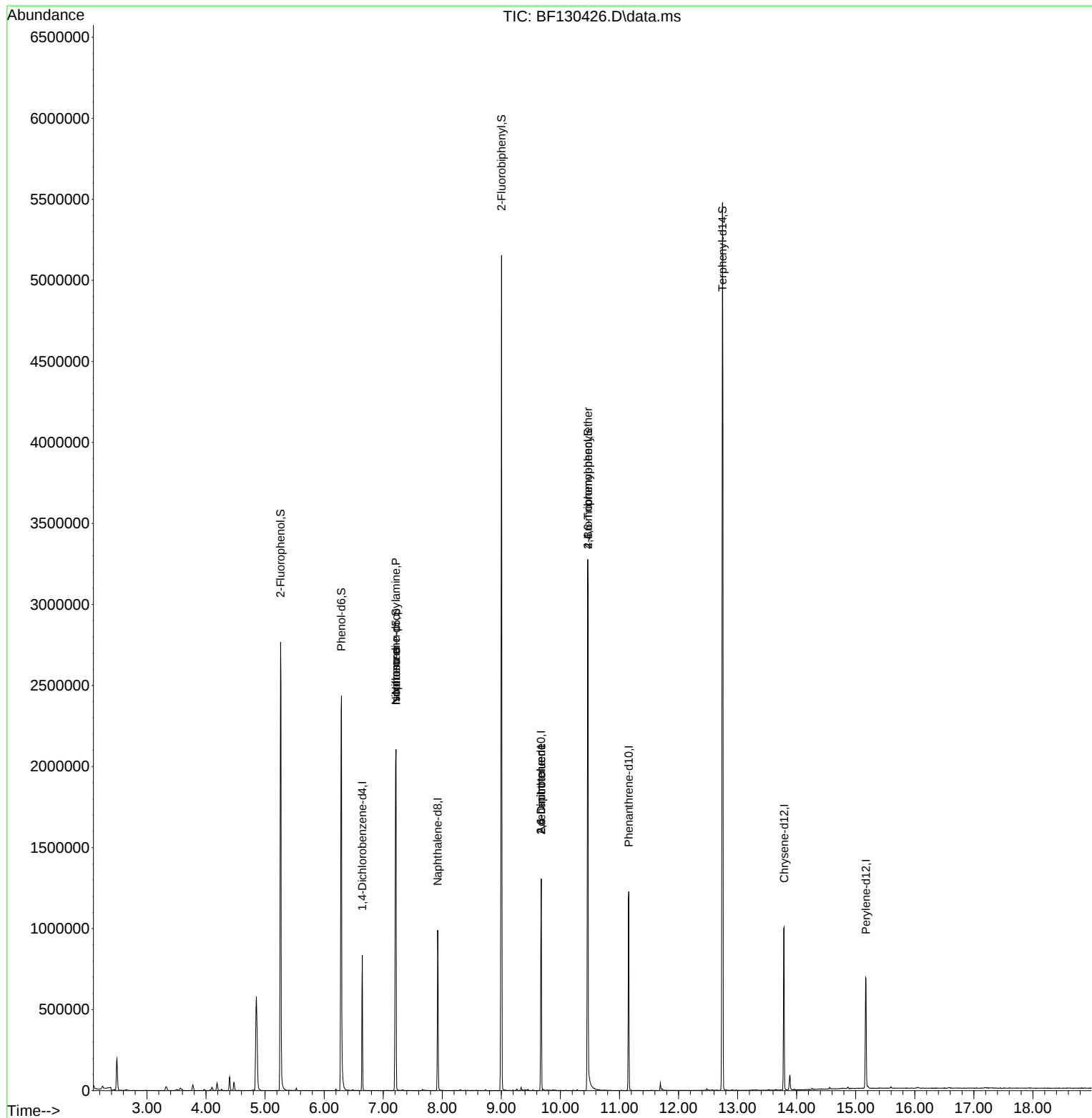
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	114595	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	458191	20.000	ng	-0.02
39) Acenaphthene-d10	9.675	164	252255	20.000	ng	-0.01
64) Phenanthrene-d10	11.157	188	454246	20.000	ng	#-0.01
76) Chrysene-d12	13.786	240	357360	20.000	ng	#-0.02
86) Perylene-d12	15.174	264	302343	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	899664	136.170	ng	0.02
7) Phenol-d6	6.293	99	1005415	121.621	ng	0.00
23) Nitrobenzene-d5	7.216	82	797605	88.933	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	478583	198.000	ng	-0.01
45) 2-Fluorobiphenyl	9.004	172	1574847	90.911	ng	-0.01
79) Terphenyl-d14	12.745	244	2095523	97.135	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.216	70	110164	19.749	ng	# 70
25) Isophorone	7.216	82	797598	55.177	ng	# 66
51) 2,6-Dinitrotoluene	9.675	165	31949	8.767	ng	# 15
57) 2,4-Dinitrotoluene	9.675	165	31949	6.860	ng	# 16
67) 4-Bromophenyl-phenylether	10.469	248	28872	5.762	ng	# 1

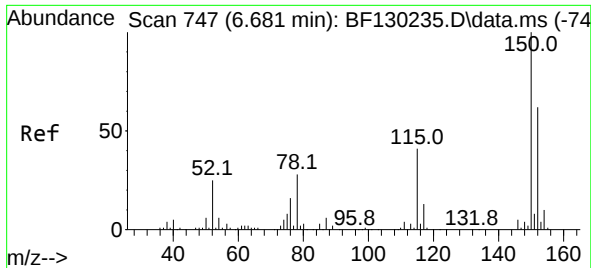
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130426.D
Acq On : 27 Sep 2022 15:40
Operator : CG\JU
Sample : N4809-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-0923

Quant Time: Sep 27 18:42:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 27 01:00:47 2022
Response via : Initial Calibration

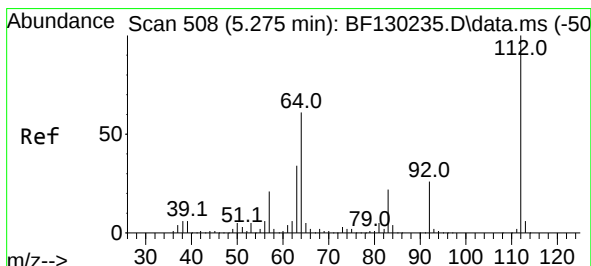
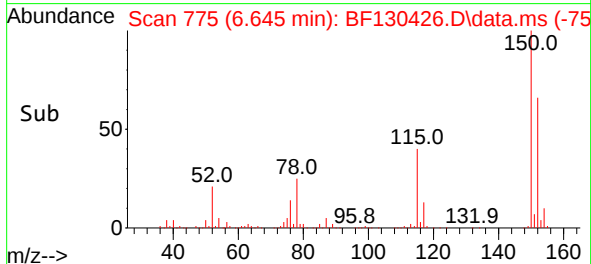
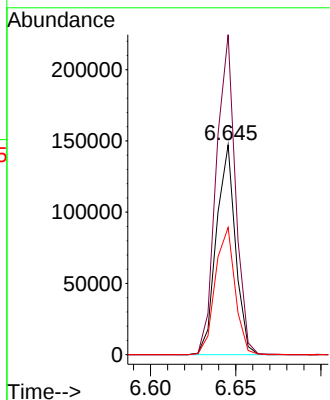
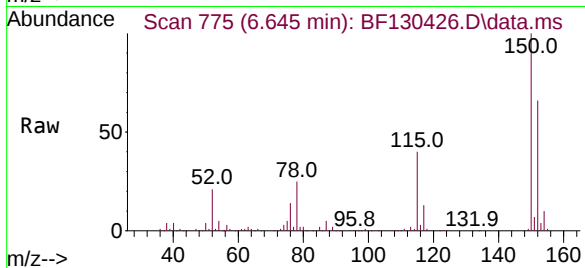




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130426.D
 Acq: 27 Sep 2022 15:40

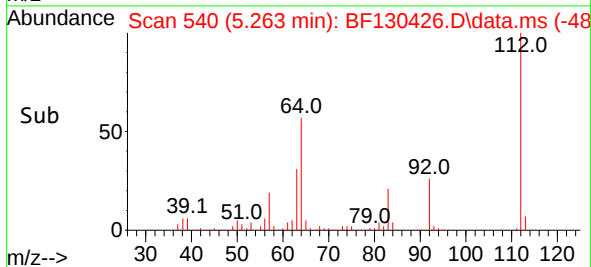
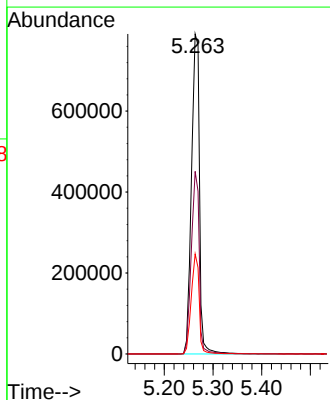
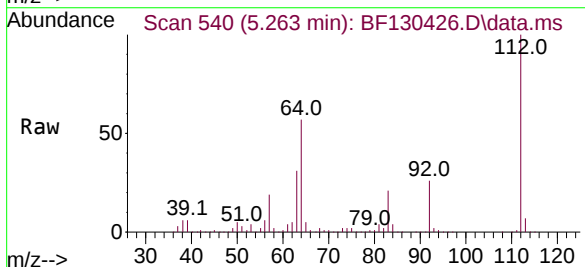
Instrument :
 BNA_F
 ClientSampleId :
 TP1-0923

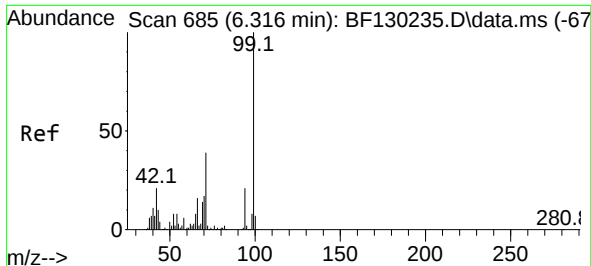
Tgt Ion:152 Resp: 114595
 Ion Ratio Lower Upper
 152 100
 150 152.6 122.8 184.2
 115 60.6 53.8 80.8



#5
 2-Fluorophenol
 Concen: 136.170 ng
 RT: 5.263 min Scan# 540
 Delta R.T. 0.018 min
 Lab File: BF130426.D
 Acq: 27 Sep 2022 15:40

Tgt Ion:112 Resp: 899664
 Ion Ratio Lower Upper
 112 100
 64 57.1 51.4 77.0
 63 31.3 28.8 43.2

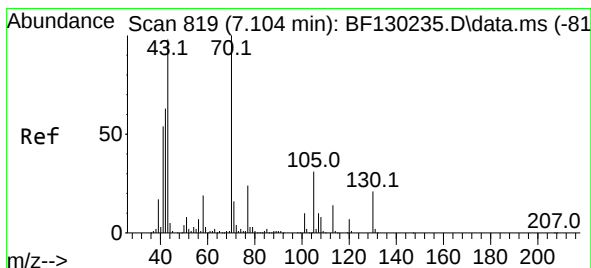
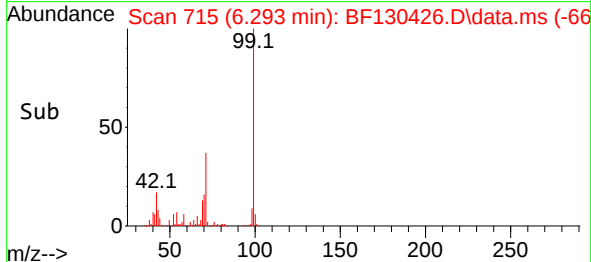
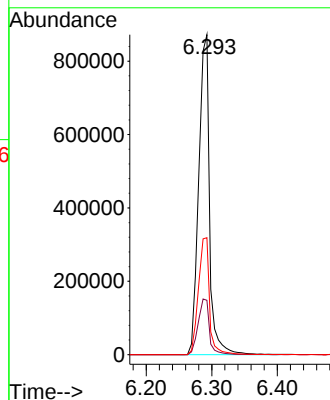
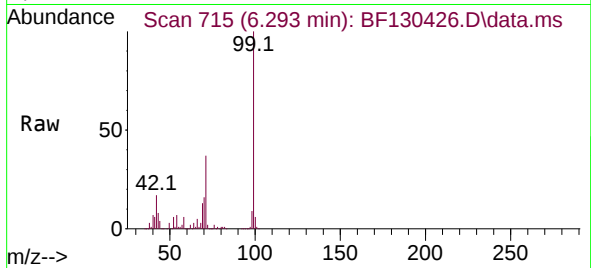




#7
Phenol-d6
Concen: 121.621 ng
RT: 6.293 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130426.D
Acq: 27 Sep 2022 15:40

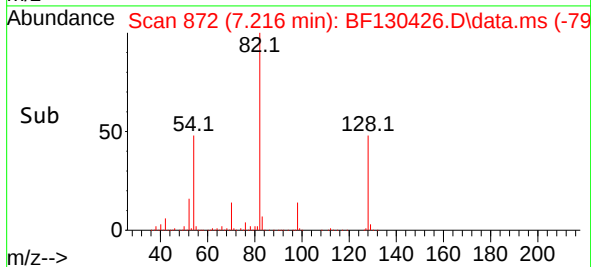
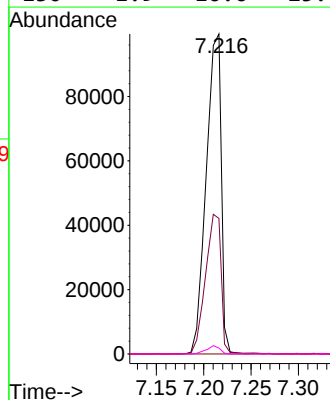
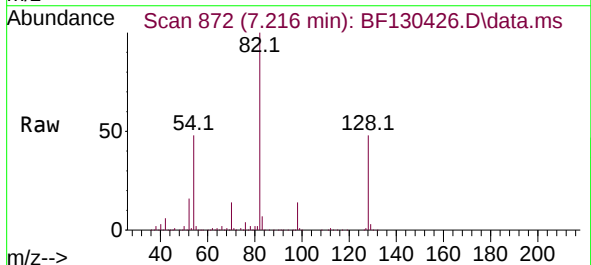
Instrument :
BNA_F
ClientSampleId :
TP1-0923

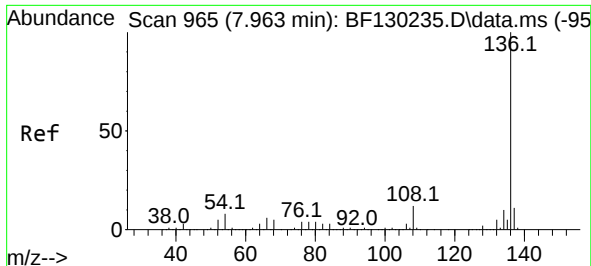
Tgt Ion: 99 Resp: 1005415
Ion Ratio Lower Upper
99 100
42 17.0 17.0 25.6#
71 36.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.749 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.141 min
Lab File: BF130426.D
Acq: 27 Sep 2022 15:40

Tgt Ion: 70 Resp: 110164
Ion Ratio Lower Upper
70 100
42 42.4 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#

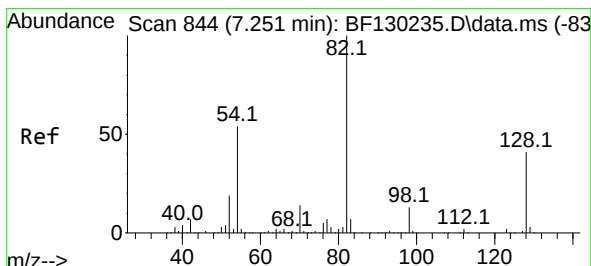
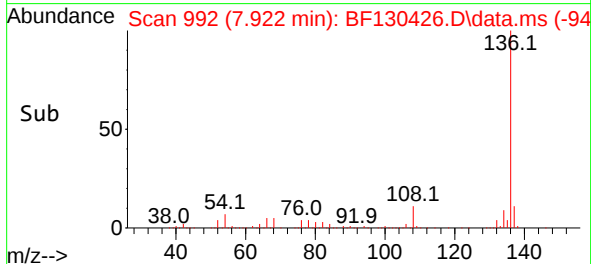
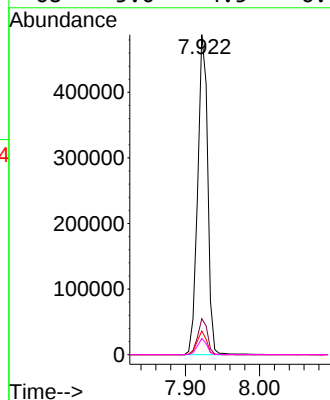
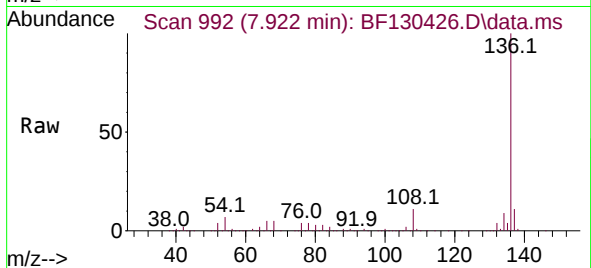




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF130426.D
Acq: 27 Sep 2022 15:40

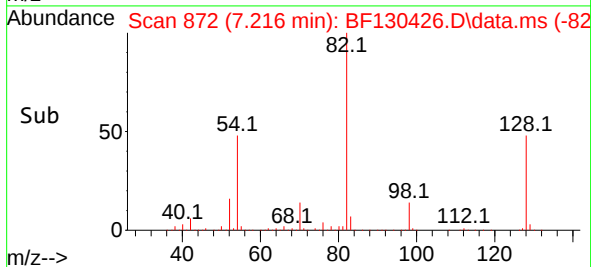
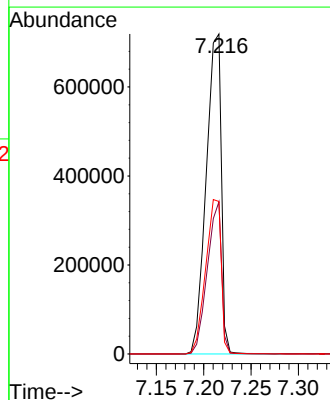
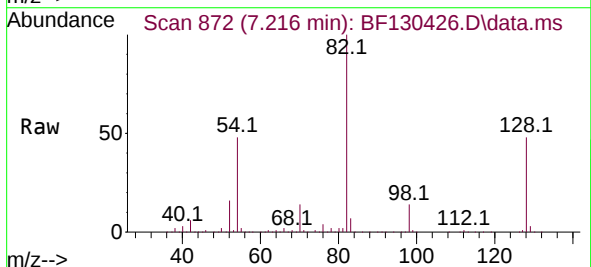
Instrument :
BNA_F
ClientSampleId :
TP1-0923

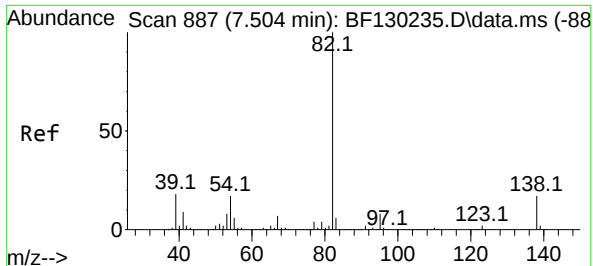
Tgt Ion:136	Resp: 458191
Ion Ratio	Lower Upper
136	100
137	11.2 9.1 13.7
54	7.4 7.1 10.7
68	5.0 4.5 6.7



#23
Nitrobenzene-d5
Concen: 88.933 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF130426.D
Acq: 27 Sep 2022 15:40

Tgt Ion: 82	Resp: 797605
Ion Ratio	Lower Upper
82	100
128	47.6 32.6 49.0
54	47.7 43.8 65.6

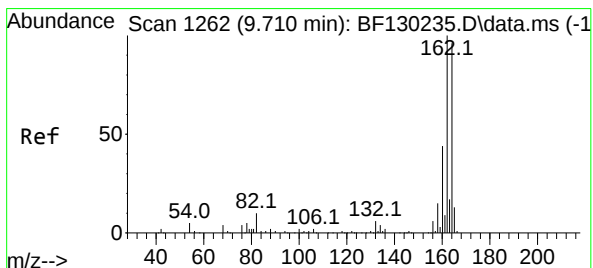
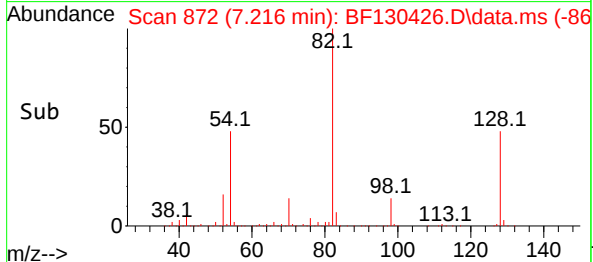
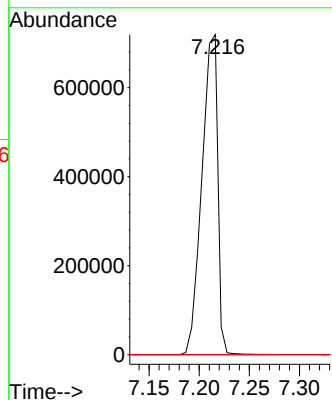
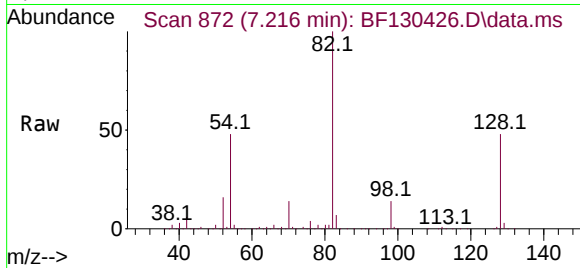




#25
Isophorone
Concen: 55.177 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130426.D
Acq: 27 Sep 2022 15:40

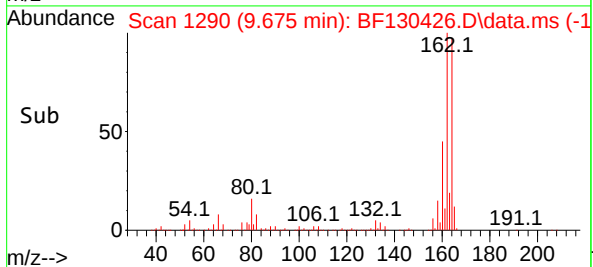
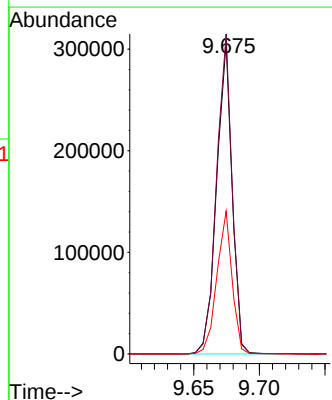
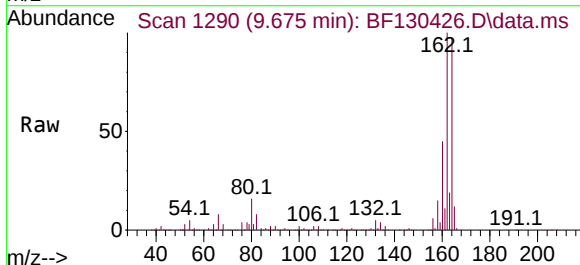
Instrument :
BNA_F
ClientSampleId :
TP1-0923

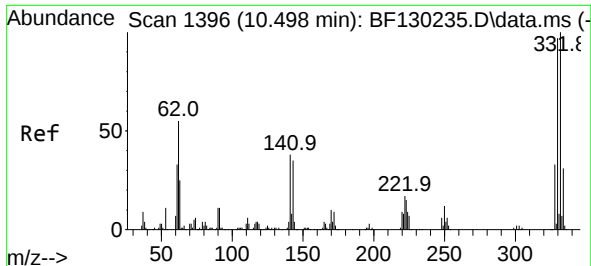
Tgt Ion: 82 Resp: 797598
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF130426.D
Acq: 27 Sep 2022 15:40

Tgt Ion: 164 Resp: 252255
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 45.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 198.000 ng

RT: 10.469 min Scan# 1425

Delta R.T. -0.012 min

Lab File: BF130426.D

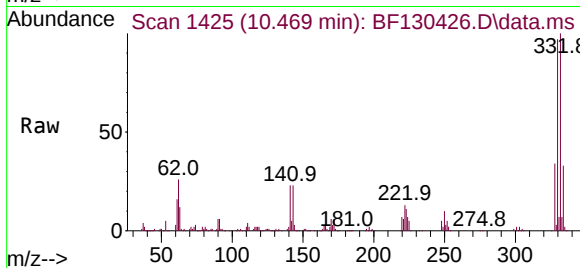
Acq: 27 Sep 2022 15:40

Instrument :

BNA_F

ClientSampleId :

TP1-0923



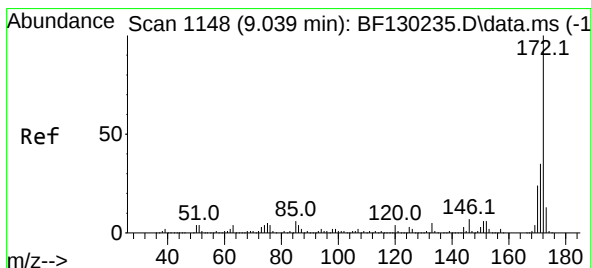
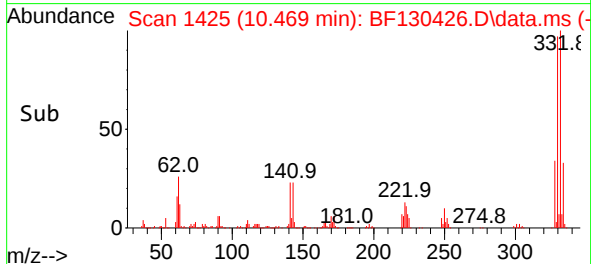
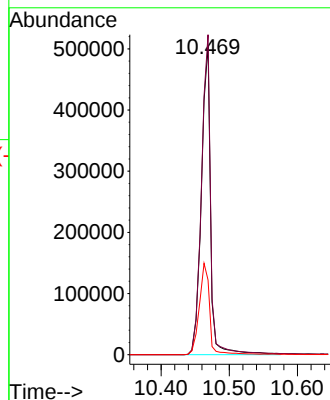
Tgt Ion:330 Resp: 478583

Ion Ratio Lower Upper

330 100

332 104.5 83.4 125.2

141 32.7 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 90.911 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.012 min

Lab File: BF130426.D

Acq: 27 Sep 2022 15:40

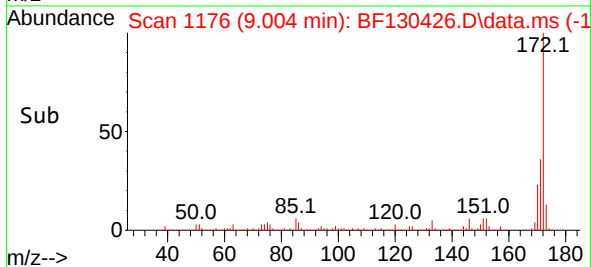
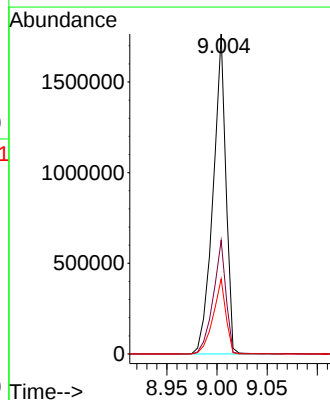
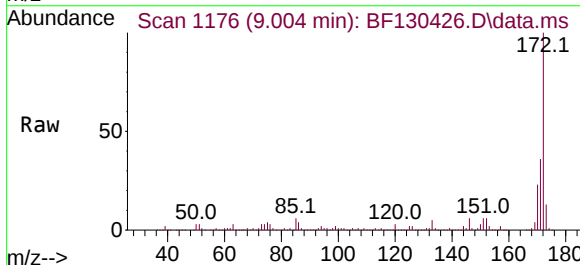
Tgt Ion:172 Resp: 1574847

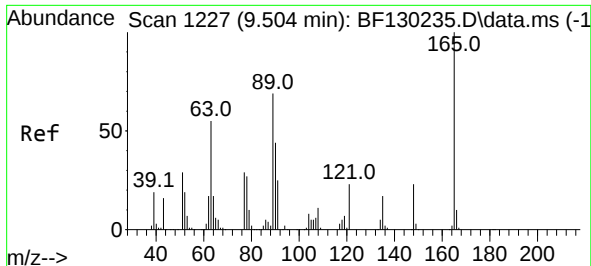
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 18.7 28.1

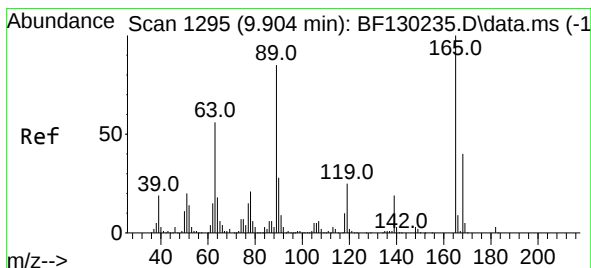
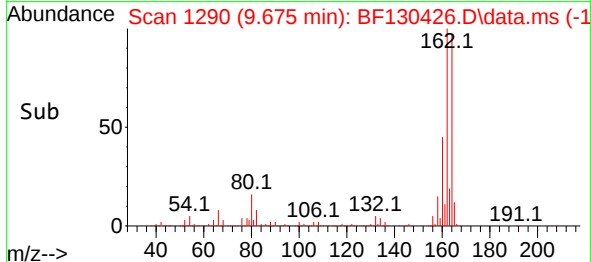
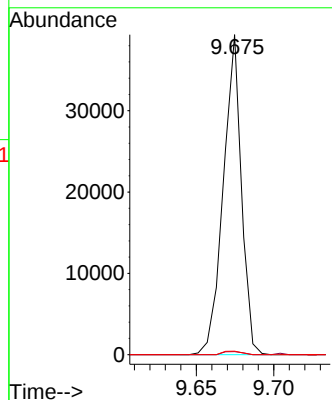
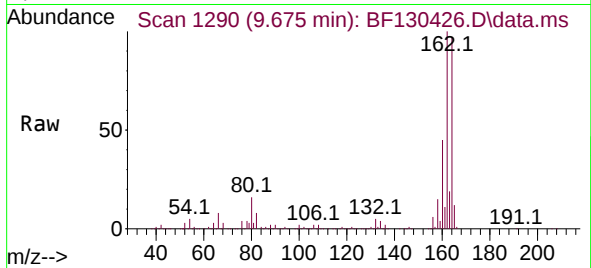




#51
2,6-Dinitrotoluene
Concen: 8.767 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.188 min
Lab File: BF130426.D
Acq: 27 Sep 2022 15:40

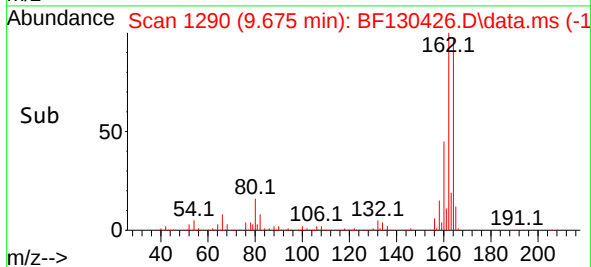
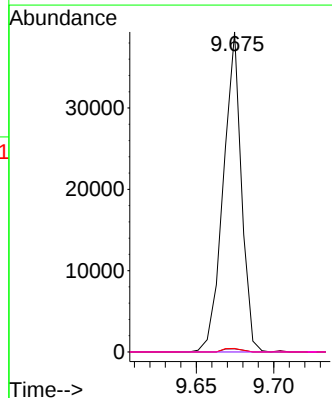
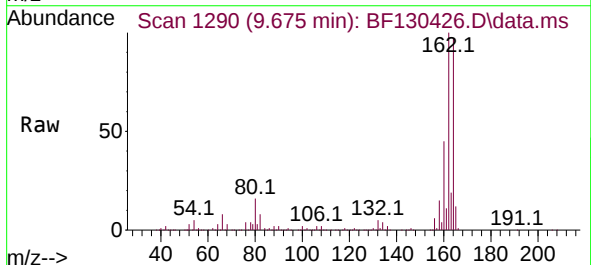
Instrument :
BNA_F
ClientSampleId :
TP1-0923

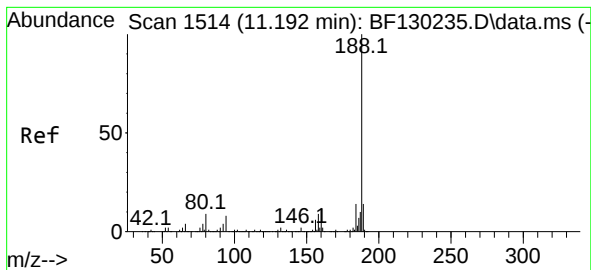
Tgt Ion:165 Resp: 31949
Ion Ratio Lower Upper
165 100
63 1.0 58.8 88.2#
89 1.1 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 6.860 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.212 min
Lab File: BF130426.D
Acq: 27 Sep 2022 15:40

Tgt Ion:165 Resp: 31949
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.1 69.0 103.4#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.157 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130426.D

Acq: 27 Sep 2022 15:40

Instrument :

BNA_F

ClientSampleId :

TP1-0923

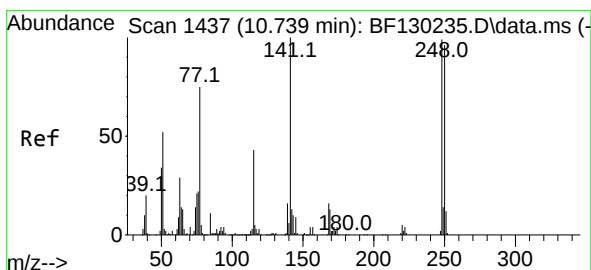
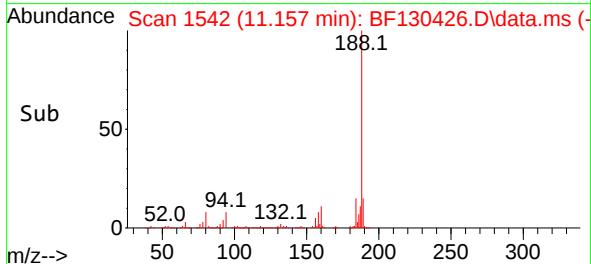
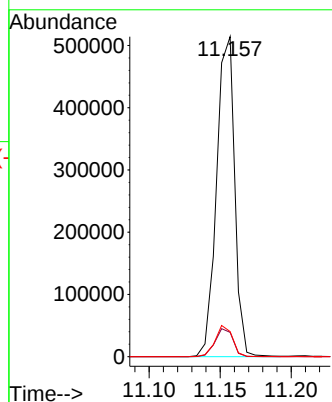
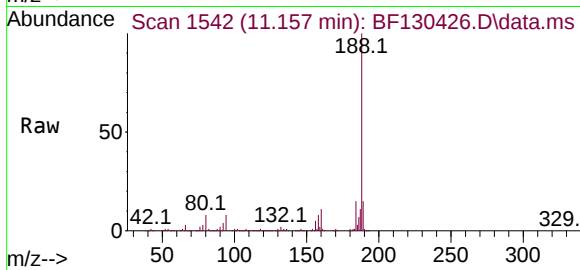
Tgt Ion:188 Resp: 454246

Ion Ratio Lower Upper

188 100

94 7.6 7.4 11.2

80 7.9 7.9 11.9#



#67

4-Bromophenyl-phenylether

Concen: 5.762 ng

RT: 10.469 min Scan# 1425

Delta R.T. -0.253 min

Lab File: BF130426.D

Acq: 27 Sep 2022 15:40

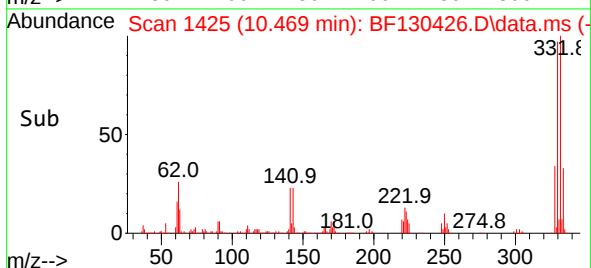
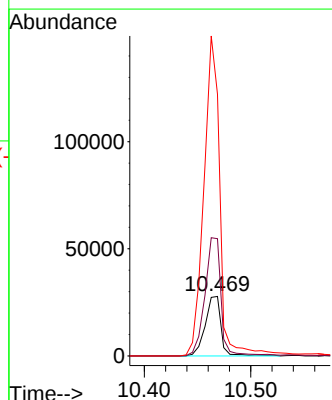
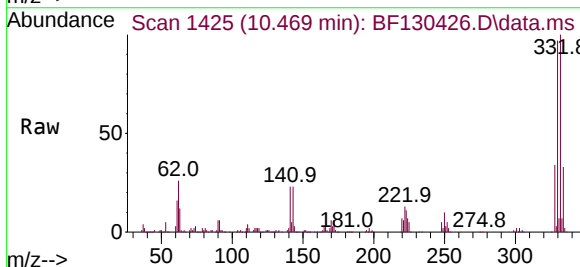
Tgt Ion:248 Resp: 28872

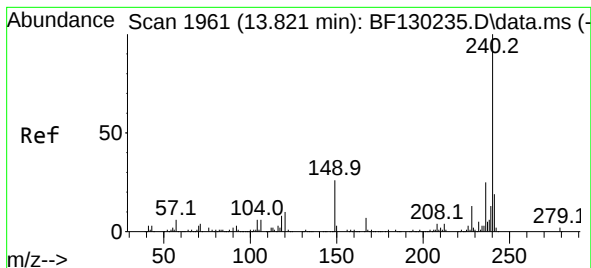
Ion Ratio Lower Upper

248 100

250 196.7 80.0 120.0#

141 439.3 68.5 102.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.786 min Scan# 1812

Delta R.T. -0.018 min

Lab File: BF130426.D

Acq: 27 Sep 2022 15:40

Instrument :

BNA_F

ClientSampleId :

TP1-0923

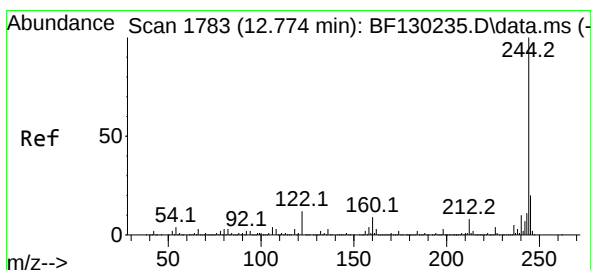
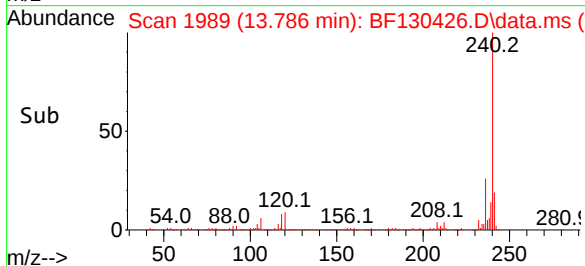
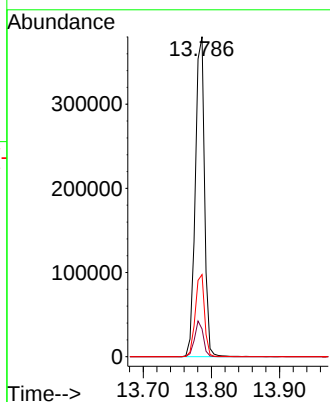
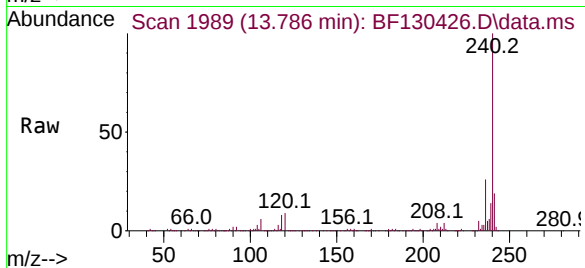
Tgt Ion:240 Resp: 357360

Ion Ratio Lower Upper

240 100

120 8.7 8.7 13.1#

236 25.6 20.9 31.3



#79

Terphenyl-d14

Concen: 97.135 ng

RT: 12.745 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF130426.D

Acq: 27 Sep 2022 15:40

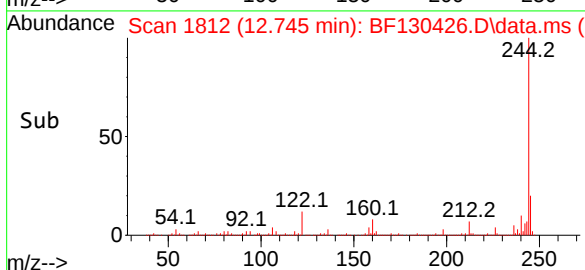
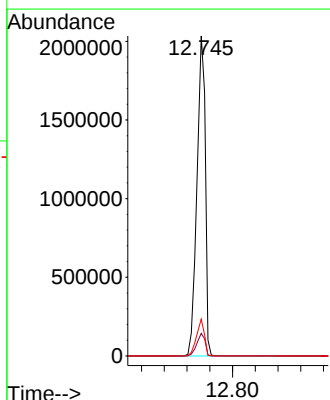
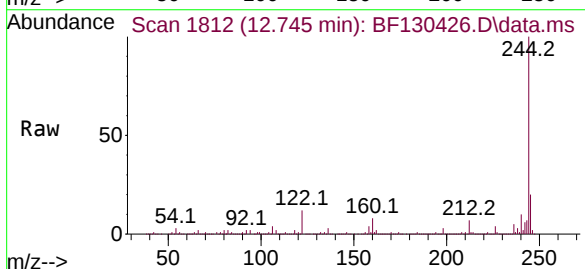
Tgt Ion:244 Resp: 2095523

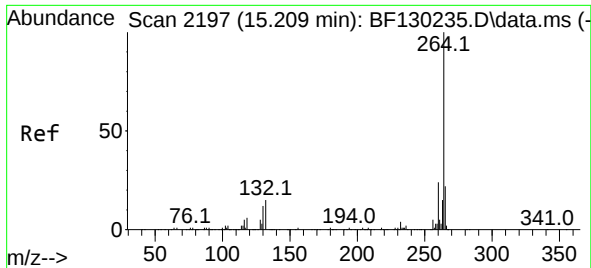
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 11.5 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.174 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF130426.D
 Acq: 27 Sep 2022 15:40

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0923

Tgt Ion:264 Resp: 302343
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.5 17.0 25.4

