

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130425.D
 Acq On : 27 Sep 2022 15:05
 Operator : CG\JU
 Sample : N4809-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0923

Quant Time: Sep 27 18:53:34 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)

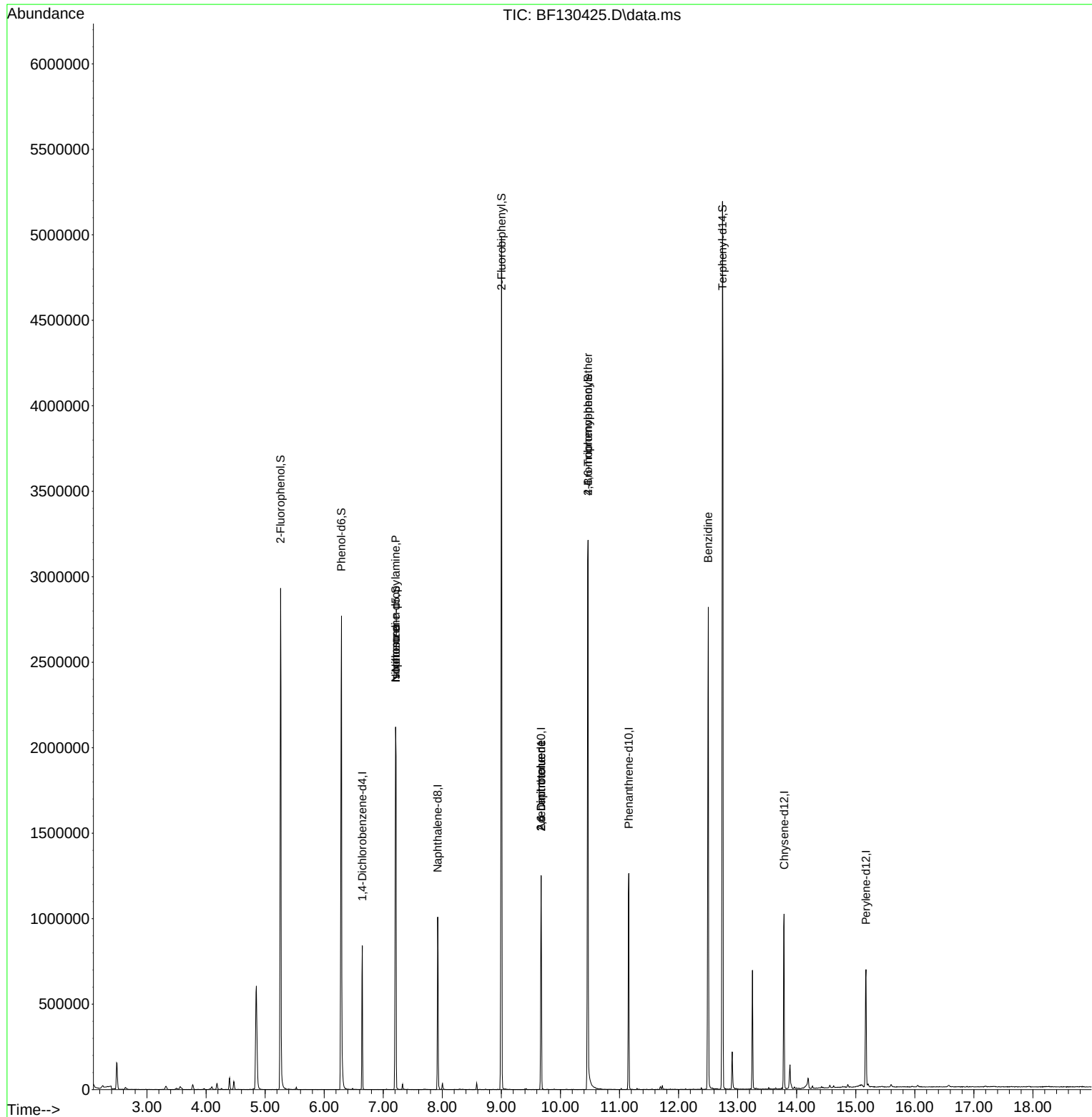
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	113259	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	450175	20.000	ng	-0.02
39) Acenaphthene-d10	9.675	164	251714	20.000	ng	-0.01
64) Phenanthrene-d10	11.157	188	458505	20.000	ng	-0.01
76) Chrysene-d12	13.786	240	348635	20.000	ng	-0.02
86) Perylene-d12	15.174	264	296221	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	924780	141.622	ng	0.02
7) Phenol-d6	6.292	99	1054104	129.014	ng	0.00
23) Nitrobenzene-d5	7.210	82	795100	90.233	ng	-0.01
42) 2,4,6-Tribromophenol	10.469	330	465581	193.035	ng	-0.01
45) 2-Fluorobiphenyl	9.004	172	1579916	91.400	ng	-0.01
79) Terphenyl-d14	12.745	244	1927150	91.566	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.210	70	108133	19.613	ng	# 74
25) Isophorone	7.210	82	795093	55.983	ng	# 66
51) 2,6-Dinitrotoluene	9.675	165	32550	8.951	ng	# 16
57) 2,4-Dinitrotoluene	9.675	165	32550	7.004	ng	# 16
67) 4-Bromophenyl-phenylether	10.469	248	27955	5.527	ng	# 1
77) Benizidine	12.504	184	1105298	109.213	ng	99

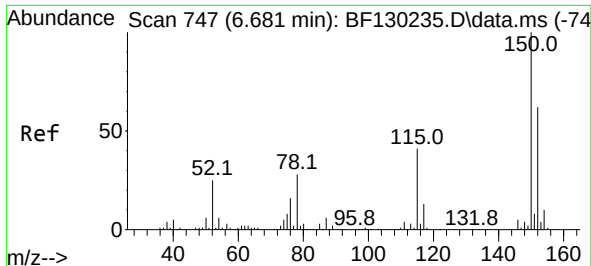
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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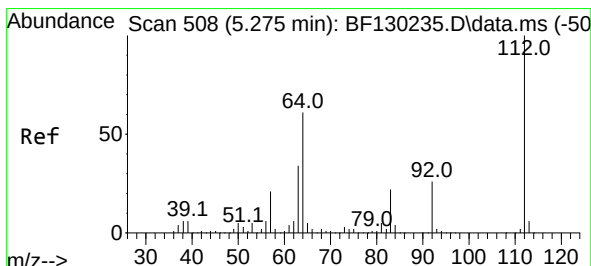
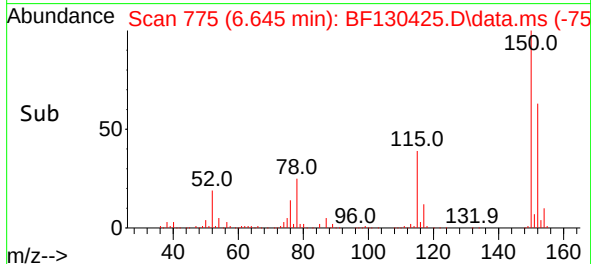
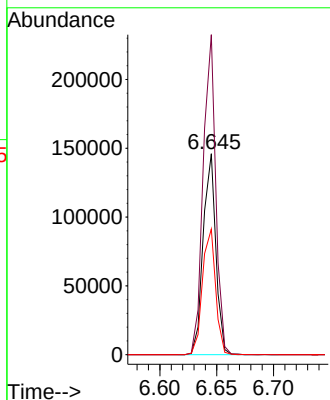
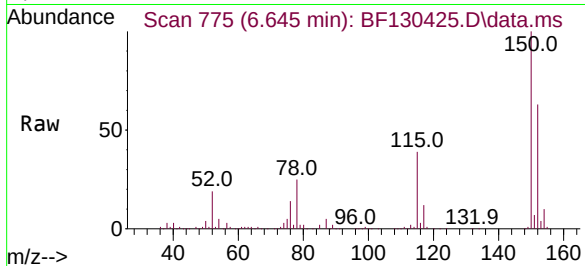




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

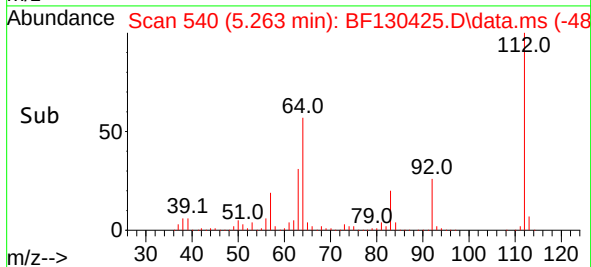
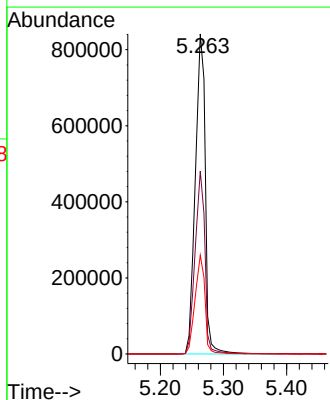
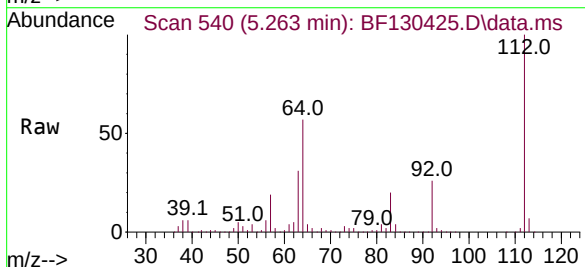
Instrument :
BNA_F
ClientSampleId :
TP3-0923

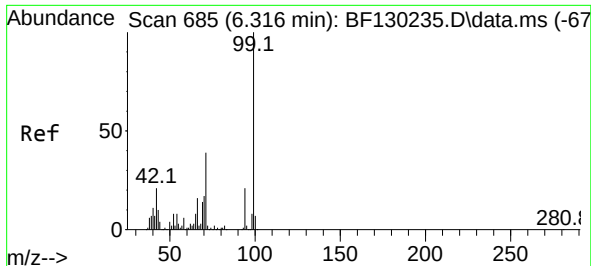
Tgt Ion:152 Resp: 113259
Ion Ratio Lower Upper
152 100
150 159.2 122.8 184.2
115 62.5 53.8 80.8



#5
2-Fluorophenol
Concen: 141.622 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.017 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

Tgt Ion:112 Resp: 924780
Ion Ratio Lower Upper
112 100
64 57.2 51.4 77.0
63 30.9 28.8 43.2

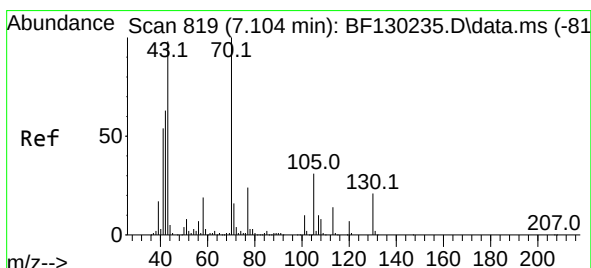
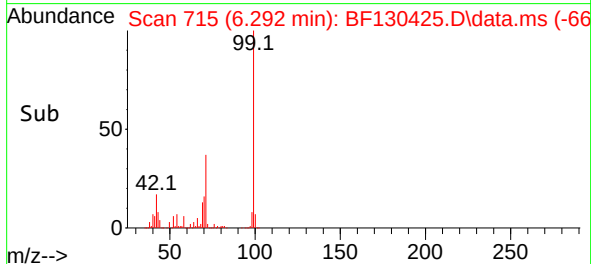
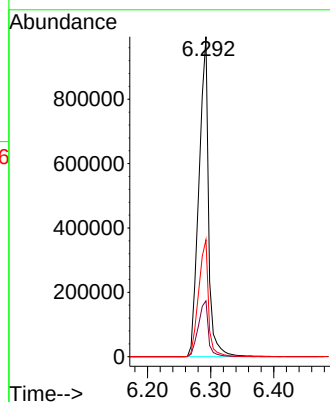
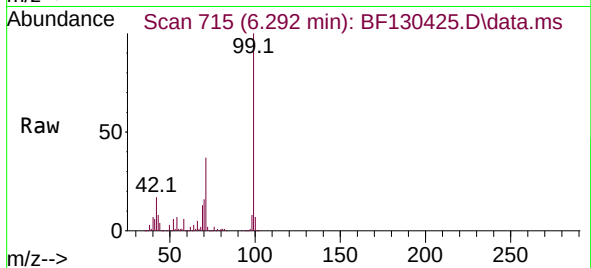




#7
Phenol-d6
Concen: 129.014 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

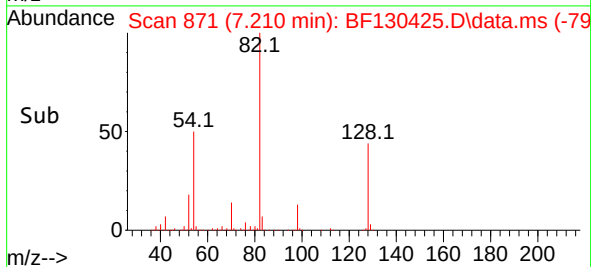
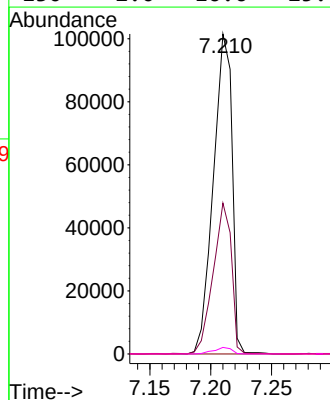
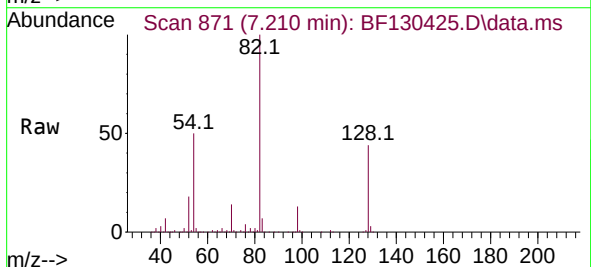
Instrument :
BNA_F
ClientSampleId :
TP3-0923

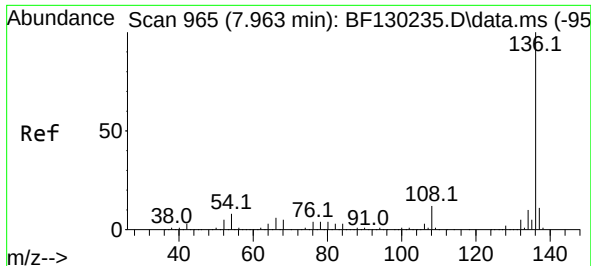
Tgt Ion: 99 Resp: 1054104
Ion Ratio Lower Upper
99 100
42 17.5 17.0 25.6
71 36.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.613 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.135 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

Tgt Ion: 70 Resp: 108133
Ion Ratio Lower Upper
70 100
42 47.2 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

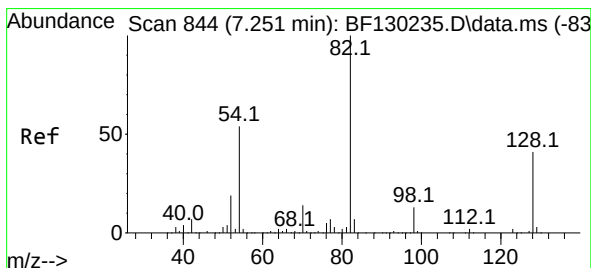
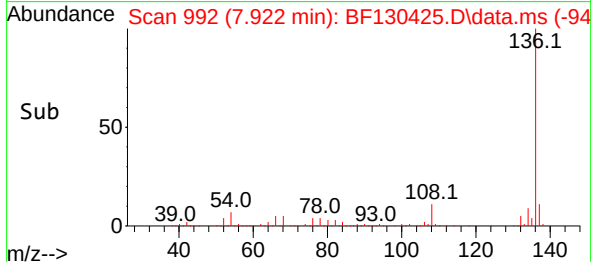
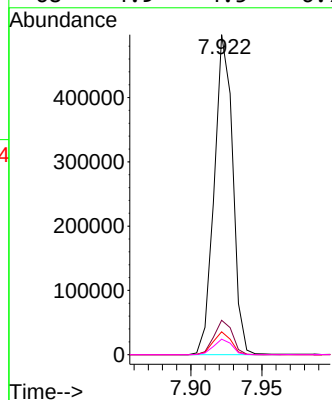
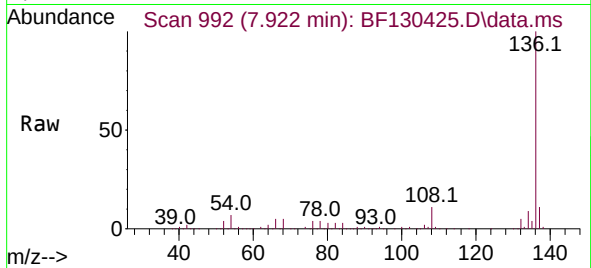




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

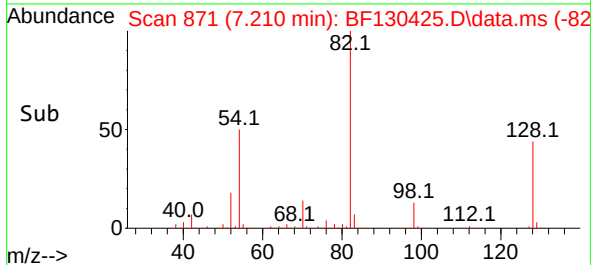
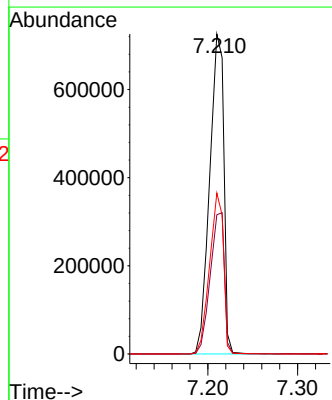
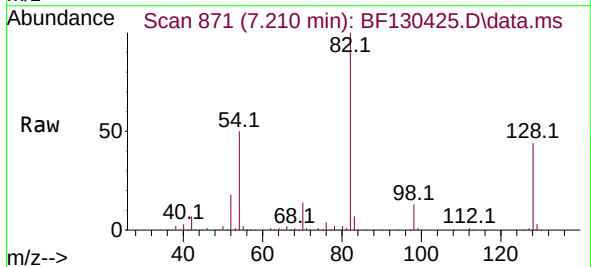
Instrument :
BNA_F
ClientSampleId :
TP3-0923

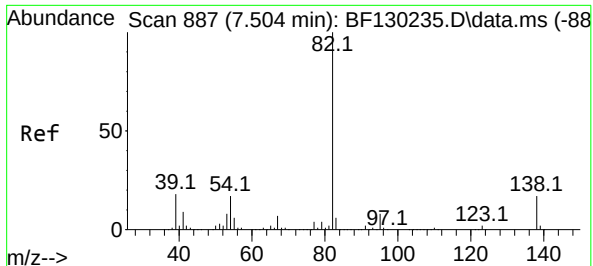
Tgt Ion	136	Resp:	450175
	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.2	7.1	10.7
68	4.9	4.5	6.7



#23
Nitrobenzene-d5
Concen: 90.233 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

Tgt Ion: 82	Resp: 795100
Ion Ratio	Lower Upper
82 100	
128 43.5	32.6 49.0
54 50.3	43.8 65.6

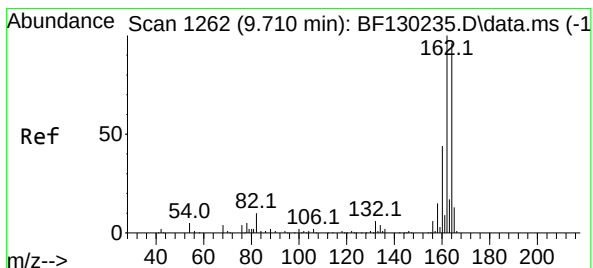
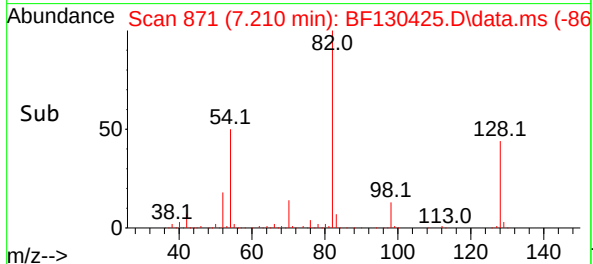
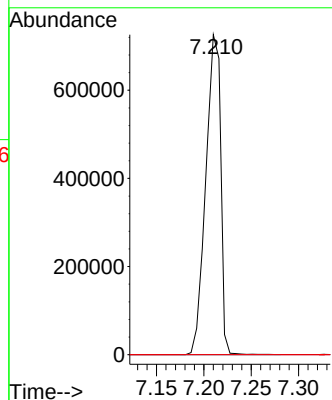
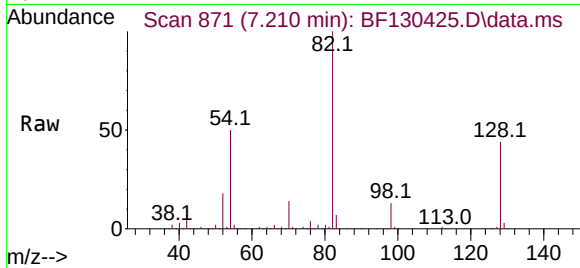




#25
Isophorone
Concen: 55.983 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

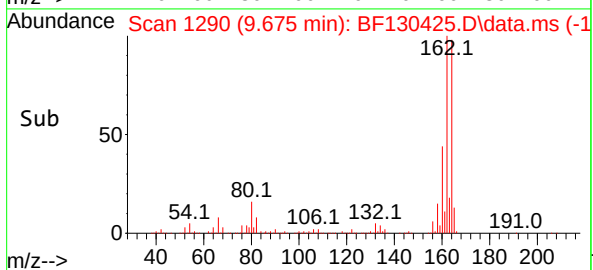
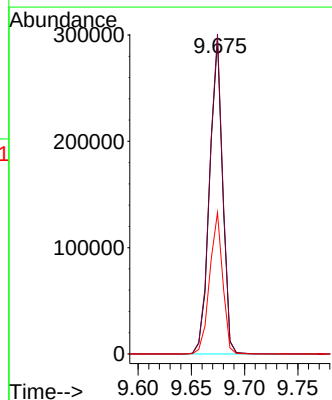
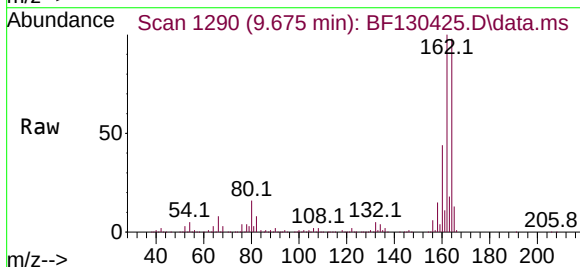
Instrument :
BNA_F
ClientSampleId :
TP3-0923

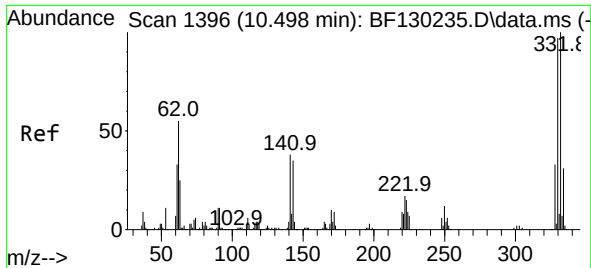
Tgt Ion: 82 Resp: 795093
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

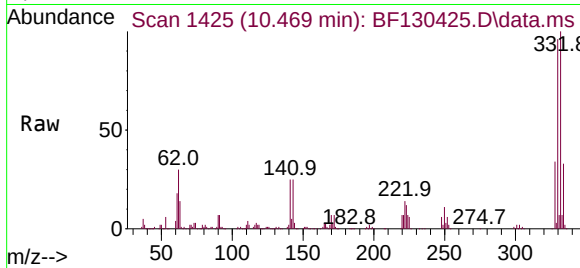
Tgt Ion: 164 Resp: 251714
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.9 36.2 54.4



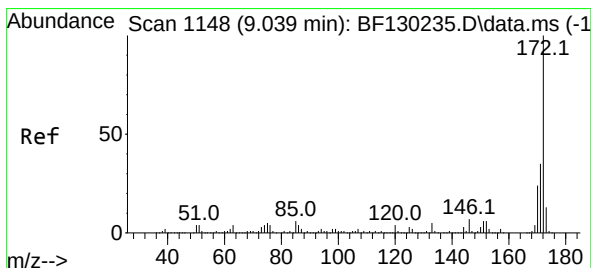
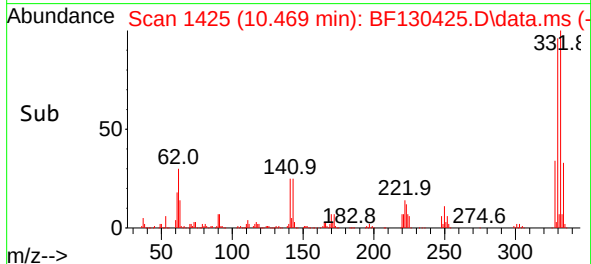
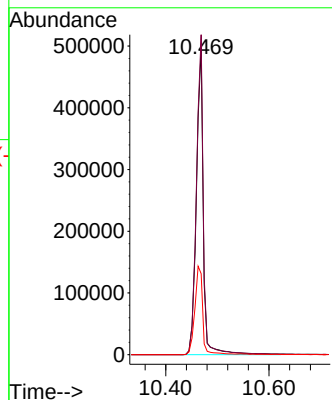


#42
2,4,6-Tribromophenol
Concen: 193.035 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

Instrument :
BNA_F
ClientSampleId :
TP3-0923

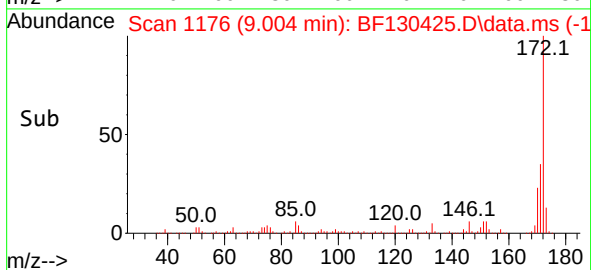
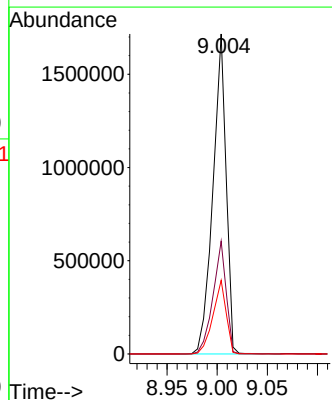
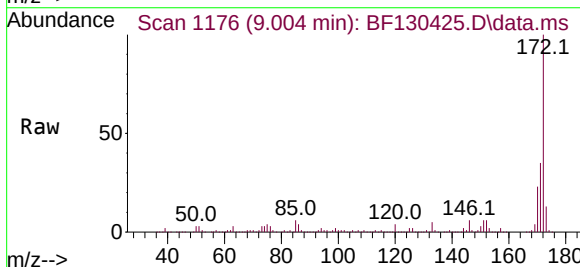


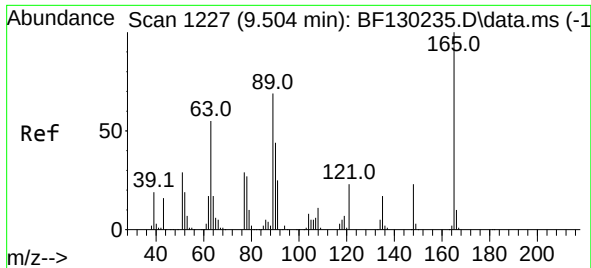
Tgt Ion:330 Resp: 465581
Ion Ratio Lower Upper
330 100
332 103.4 83.4 125.2
141 32.4 34.0 51.0#



#45
2-Fluorobiphenyl
Concen: 91.400 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.012 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

Tgt Ion:172 Resp: 1579916
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.0 18.7 28.1

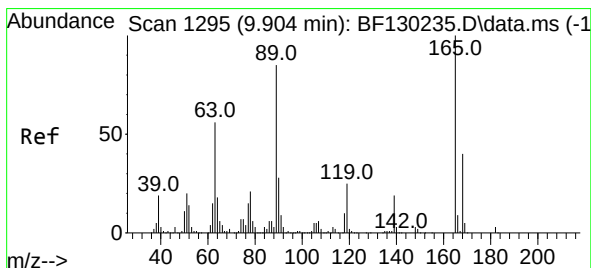
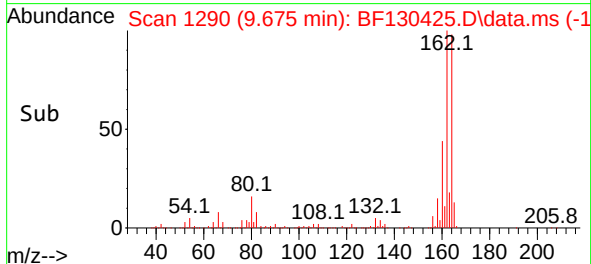
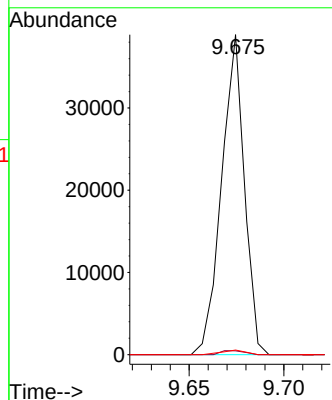
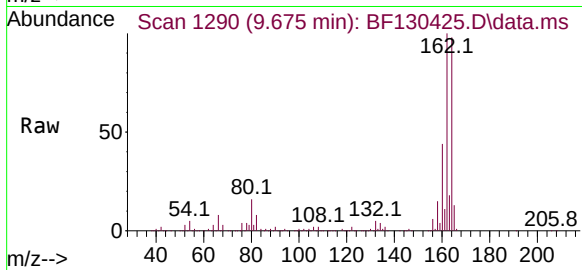




#51
2,6-Dinitrotoluene
Concen: 8.951 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.188 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

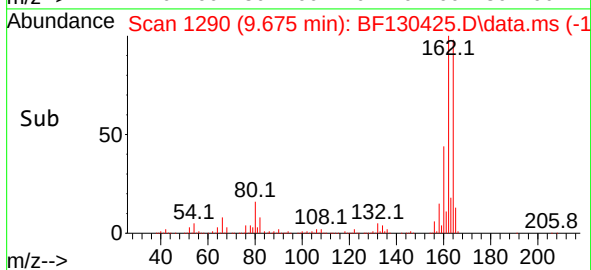
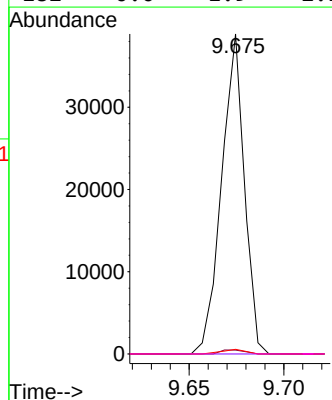
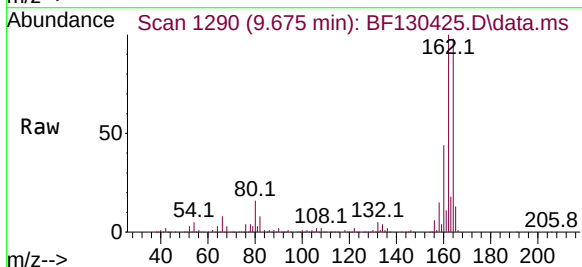
Instrument :
BNA_F
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TP3-0923

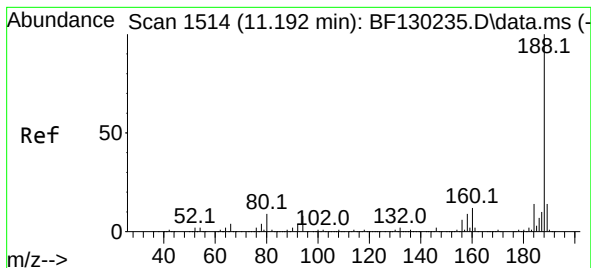
Tgt Ion:165 Resp: 32550
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.5 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.004 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.212 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

Tgt Ion:165 Resp: 32550
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.5 69.0 103.4#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.157 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130425.D

Acq: 27 Sep 2022 15:05

Instrument :

BNA_F

ClientSampleId :

TP3-0923

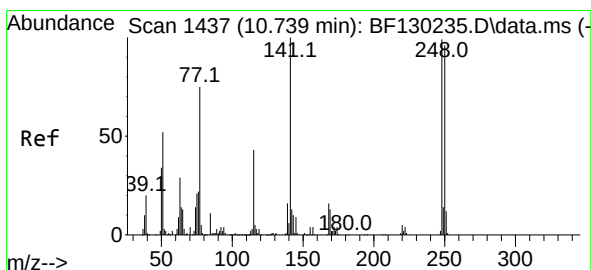
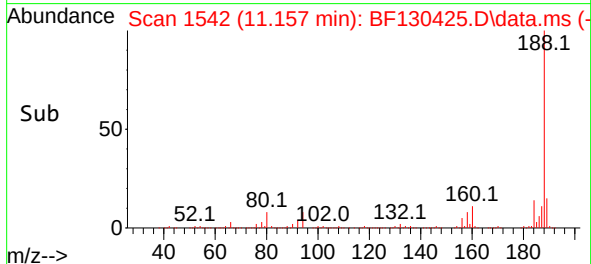
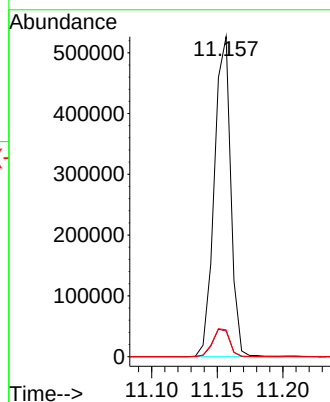
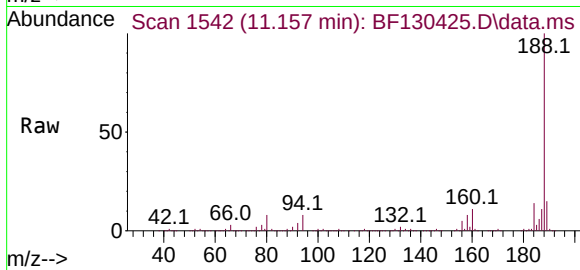
Tgt Ion:188 Resp: 458505

Ion Ratio Lower Upper

188 100

94 8.0 7.4 11.2

80 8.4 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 5.527 ng

RT: 10.469 min Scan# 1425

Delta R.T. -0.253 min

Lab File: BF130425.D

Acq: 27 Sep 2022 15:05

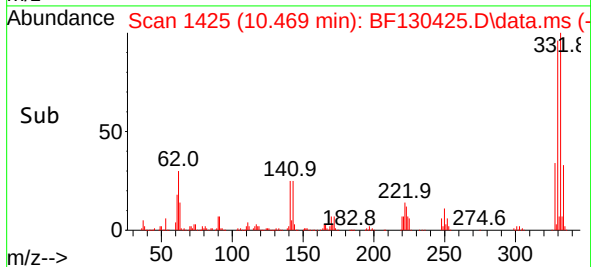
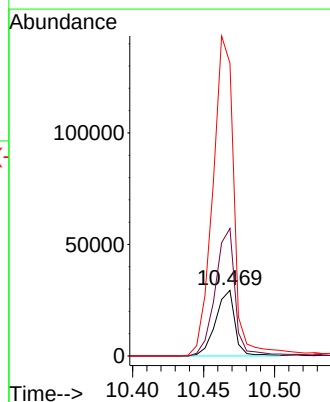
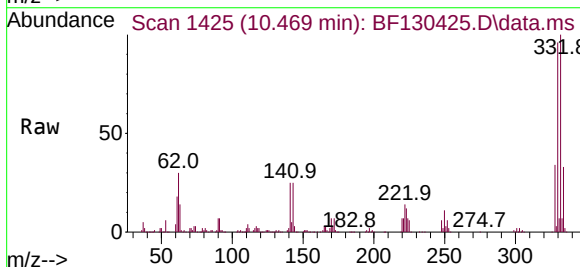
Tgt Ion:248 Resp: 27955

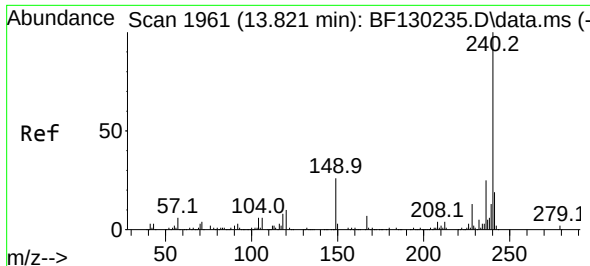
Ion Ratio Lower Upper

248 100

250 194.2 80.0 120.0#

141 445.9 68.5 102.7#

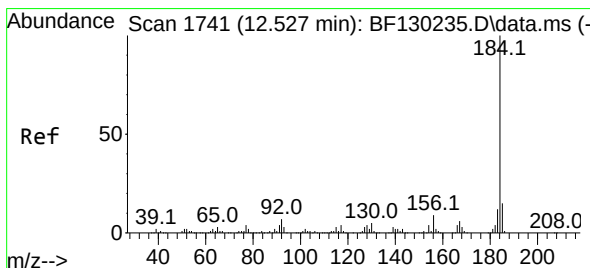
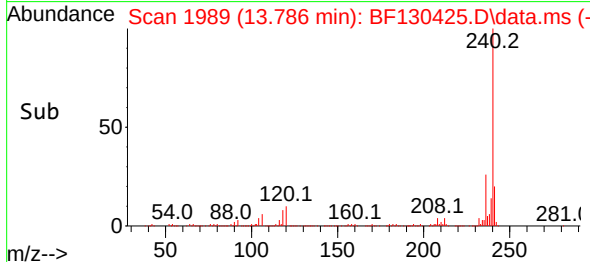
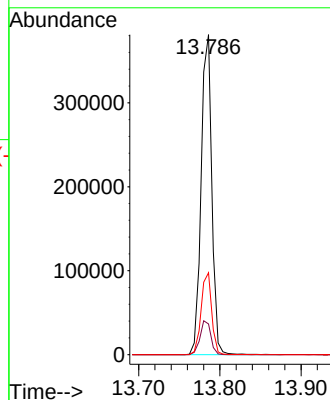
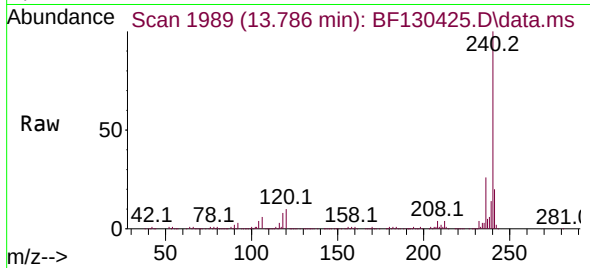




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1961
Delta R.T. -0.018 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

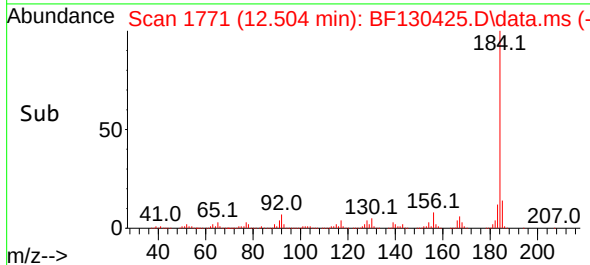
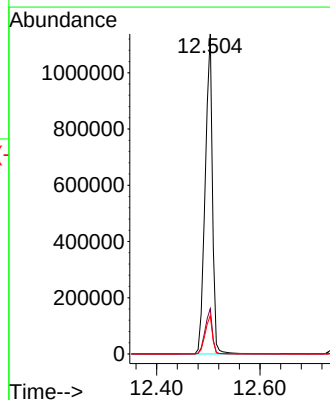
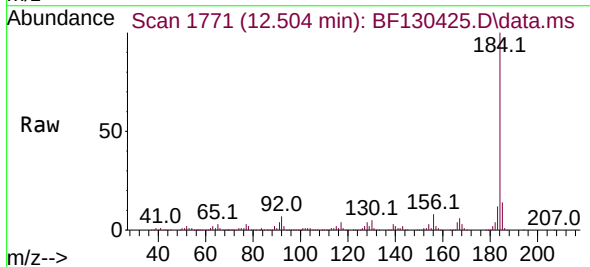
Instrument :
BNA_F
ClientSampleId :
TP3-0923

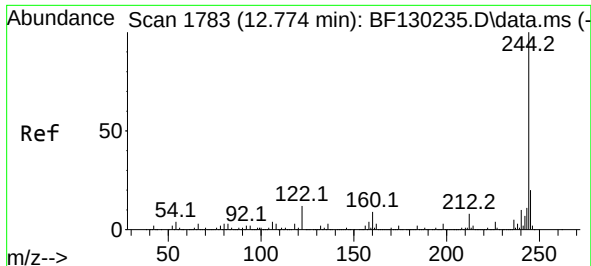
Tgt Ion:240 Resp: 348635
Ion Ratio Lower Upper
240 100
120 9.6 8.7 13.1
236 25.6 20.9 31.3



#77
Benzidine
Concen: 109.213 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

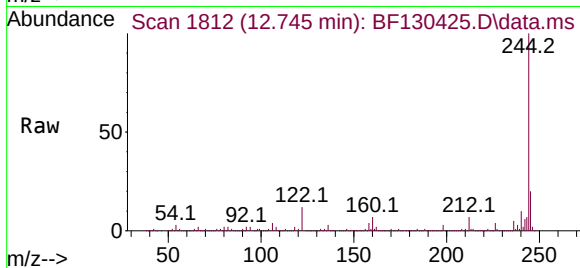
Tgt Ion:184 Resp: 1105298
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 12.0 9.1 13.7



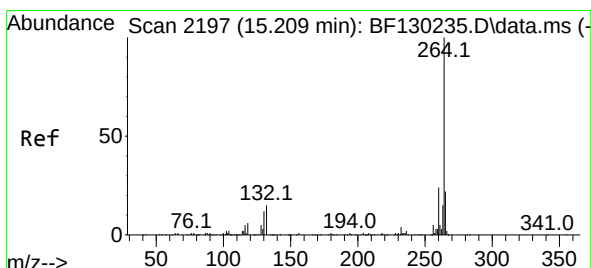
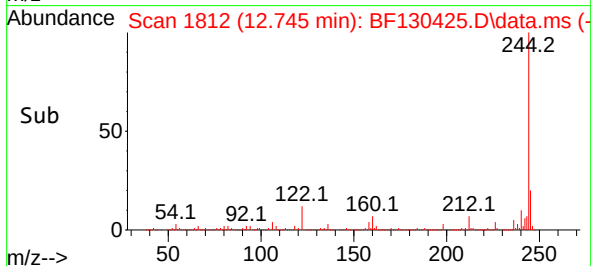
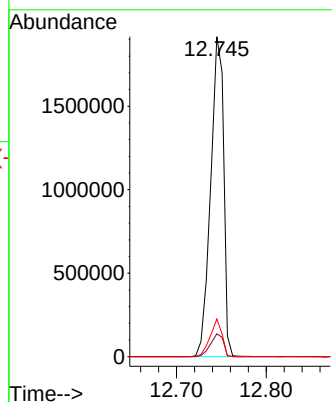


#79
 Terphenyl-d14
 Concen: 91.566 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF130425.D
 Acq: 27 Sep 2022 15:05

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0923



Tgt Ion:244 Resp: 1927150
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.8 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.174 min Scan# 2225
 Delta R.T. -0.018 min
 Lab File: BF130425.D
 Acq: 27 Sep 2022 15:05

Tgt Ion:264 Resp: 296221
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 21.7 17.0 25.4

