

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131775.D
 Acq On : 22 Dec 2022 14:05
 Operator : CG\JU
 Sample : N6102-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 01:52:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 01:24:08 2022
 Response via : Initial Calibration

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

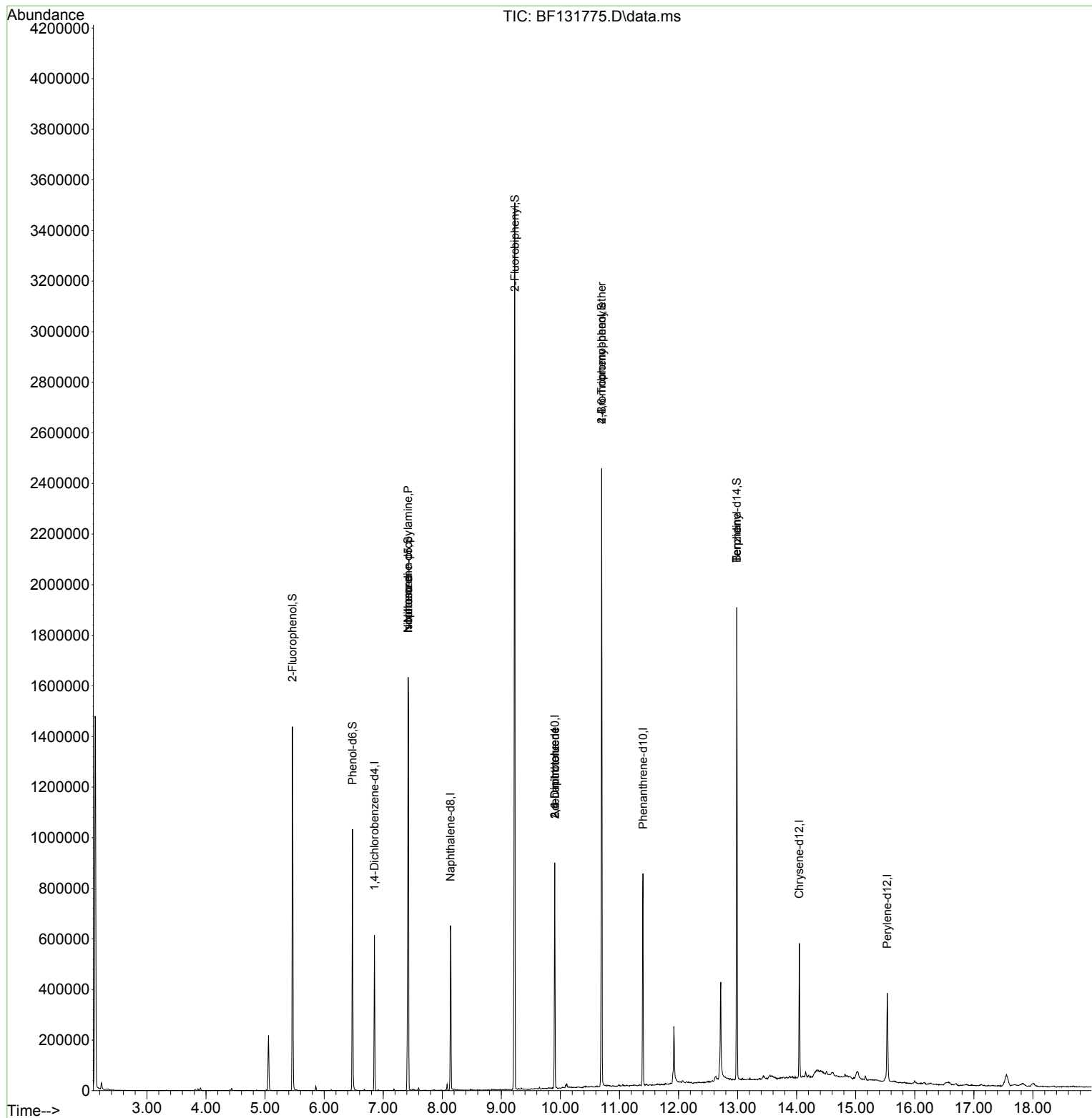
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	78762	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	281004	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	160901	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	293453	20.000	ng	0.00
76) Chrysene-d12	14.045	240	163894	20.000	ng	0.00
86) Perylene-d12	15.533	264	154418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	345321	73.828	ng	0.00
7) Phenol-d6	6.481	99	299213	47.527	ng	0.00
23) Nitrobenzene-d5	7.422	82	654641	94.575	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	251489	142.800	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1084819	94.446	ng	0.00
79) Terphenyl-d14	12.986	244	579625	55.119	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.404	77	56	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.422	70	92030	20.269	ng	# 80
25) Isophorone	7.422	82	652328	55.493	ng	# 70
51) 2,6-Dinitrotoluene	9.904	165	20701	7.952	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	20701	5.918	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	17672	5.099	ng	# 1
77) Benizidine	12.986	184	8919	2.968	ng	# 87

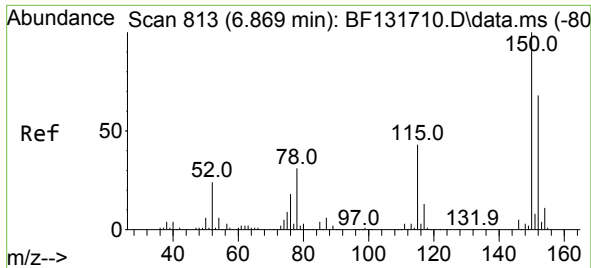
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131775.D
Acq On : 22 Dec 2022 14:05
Operator : CG\JU
Sample : N6102-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

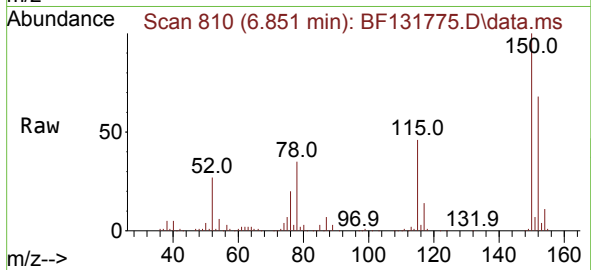
Quant Time: Dec 23 01:52:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 01:24:08 2022
Response via : Initial Calibration



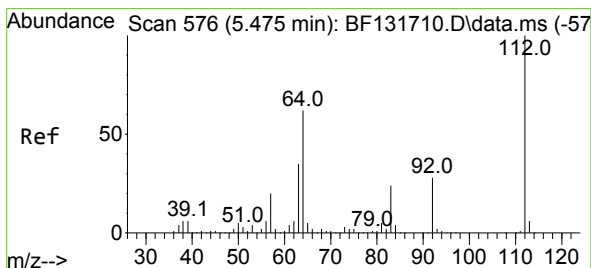
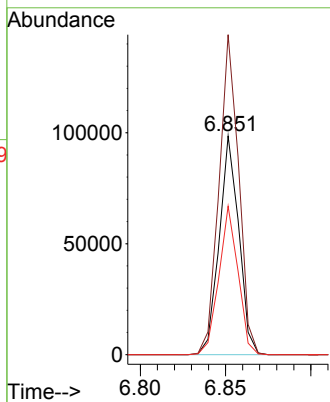
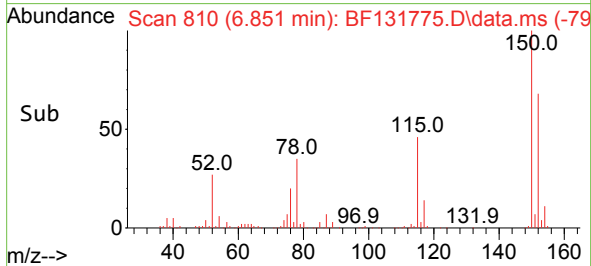


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05

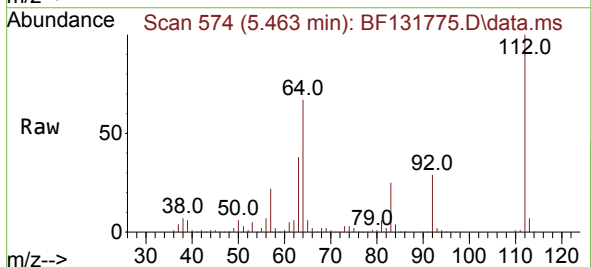
Instrument :
BNA_F
ClientSampleId :



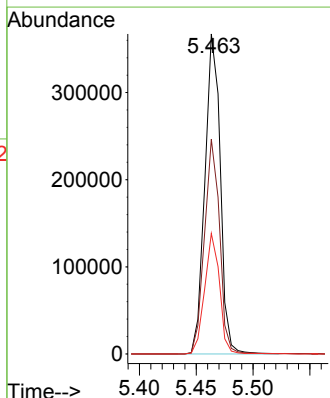
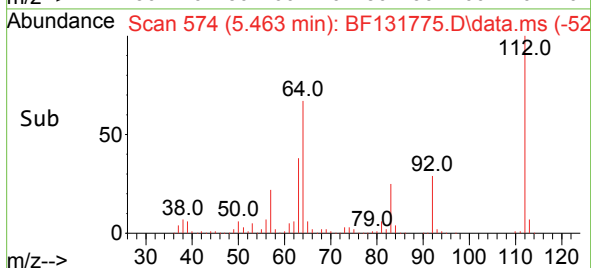
Tgt Ion:152 Resp: 78762
Ion Ratio Lower Upper
152 100
150 146.3 117.4 176.0
115 67.9 50.2 75.4

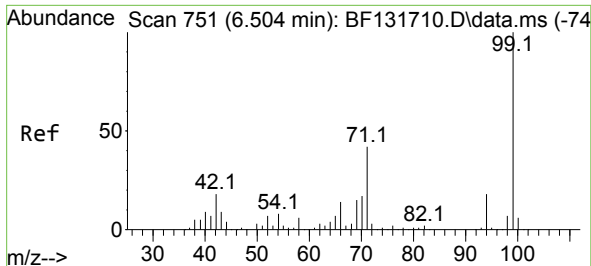


#5
2-Fluorophenol
Concen: 73.828 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05



Tgt Ion:112 Resp: 345321
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 37.7 28.2 42.2

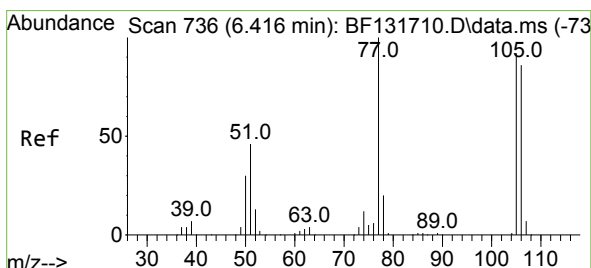
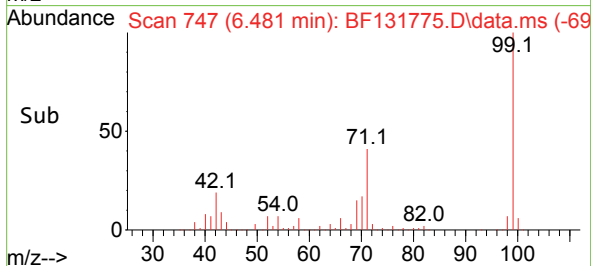
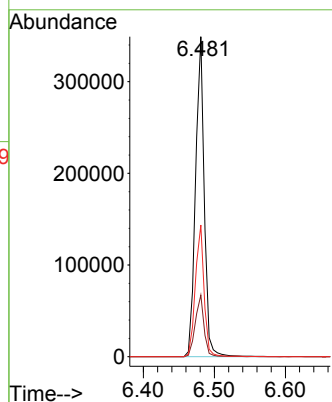
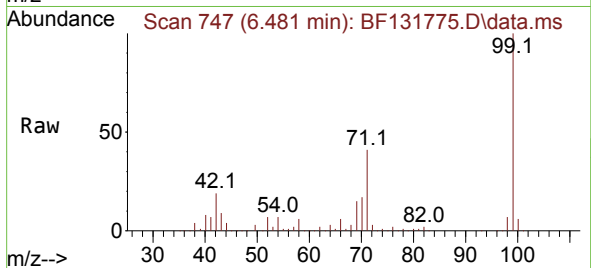




#7
Phenol-d6
Concen: 47.527 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05

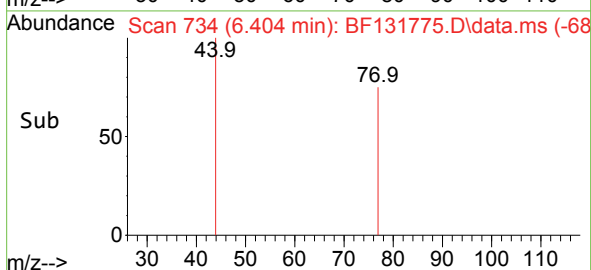
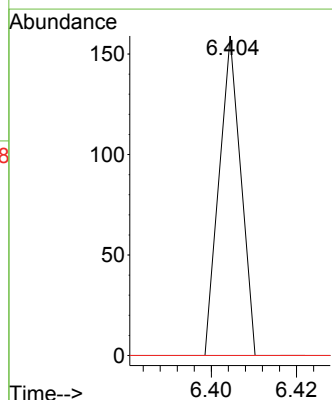
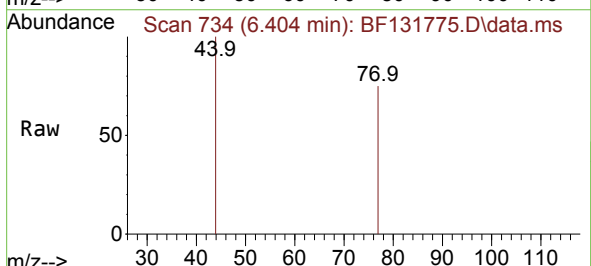
Instrument :
BNA_F
ClientSampleId :

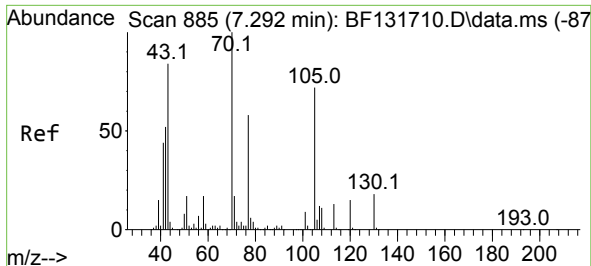
Tgt Ion: 99 Resp: 299213
Ion Ratio Lower Upper
99 100
42 19.3 14.8 22.2
71 41.2 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05

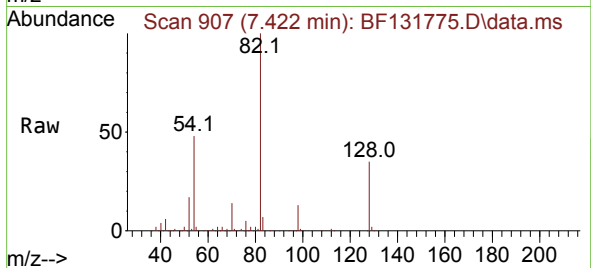
Tgt Ion: 77 Resp: 56
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#



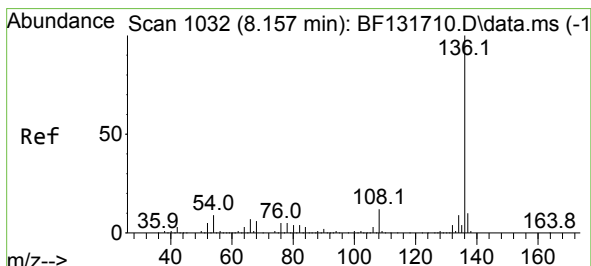
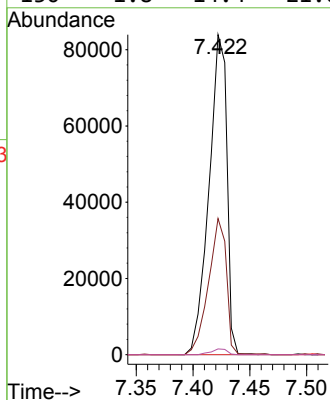
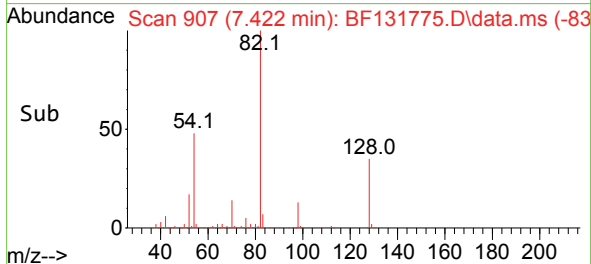


#19
n-Nitroso-di-n-propylamine
Concen: 20.269 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05

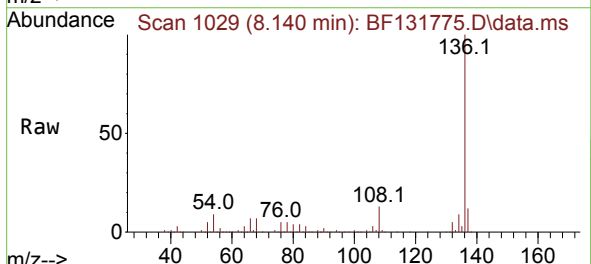
Instrument :
BNA_F
ClientSampleId :



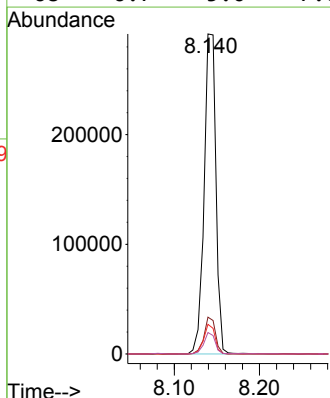
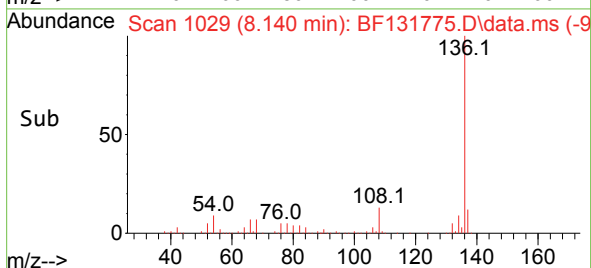
Tgt Ion: 70 Resp: 92030
Ion Ratio Lower Upper
70 100
42 42.6 41.5 62.3
101 0.0 7.3 10.9#
130 1.8 14.4 21.6#

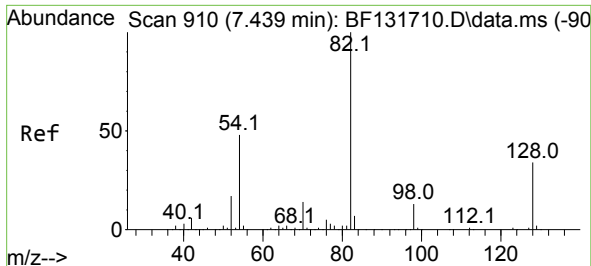


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05



Tgt Ion: 136 Resp: 281004
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.3 7.2 10.8
68 6.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 94.575 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF131775.D

Acq: 22 Dec 2022 14:05

Instrument :

BNA_F

ClientSampleId :

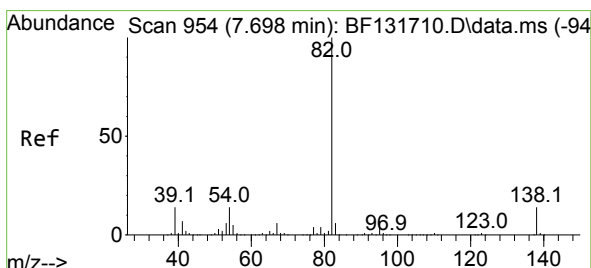
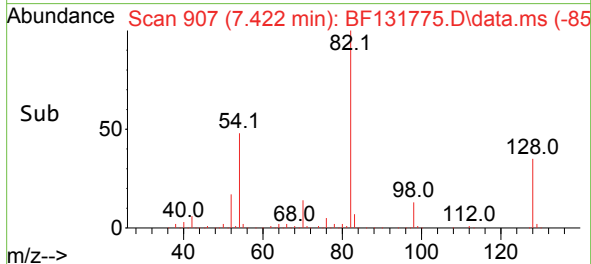
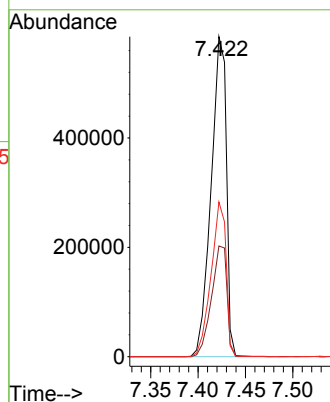
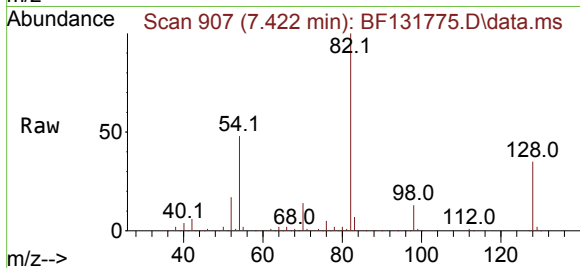
Tgt Ion: 82 Resp: 654641

Ion Ratio Lower Upper

82 100

128 34.6 27.3 40.9

54 48.3 38.2 57.2



#25

Isophorone

Concen: 55.493 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.265 min

Lab File: BF131775.D

Acq: 22 Dec 2022 14:05

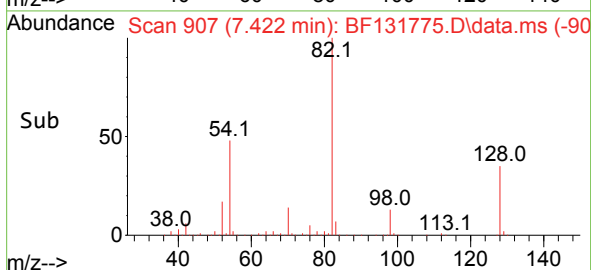
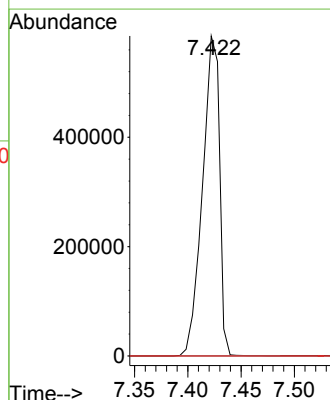
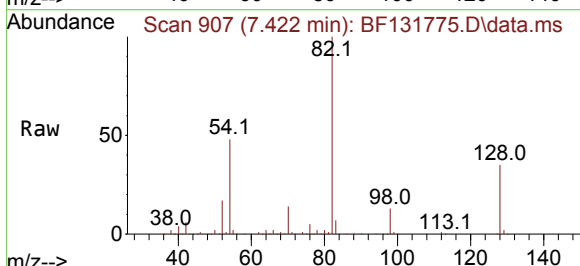
Tgt Ion: 82 Resp: 652328

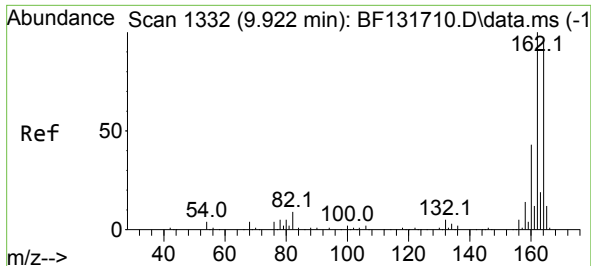
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

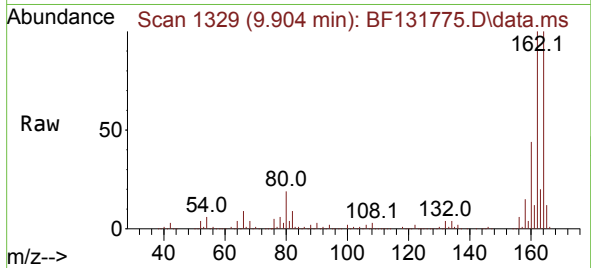
138 0.0 11.6 17.4#



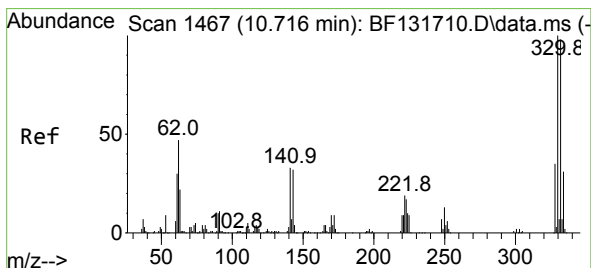
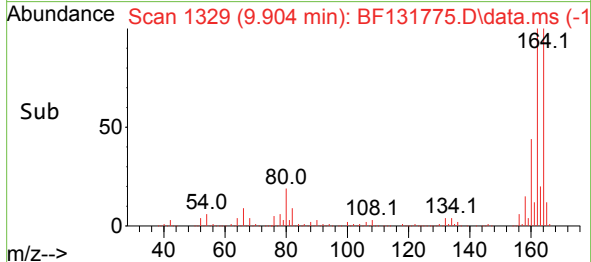
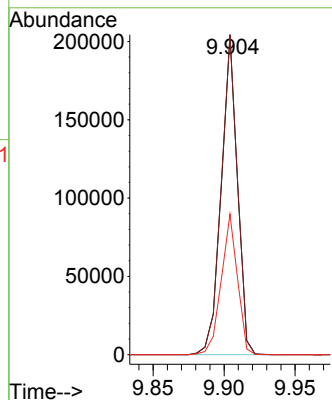


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05

Instrument :
BNA_F
ClientSampleId :

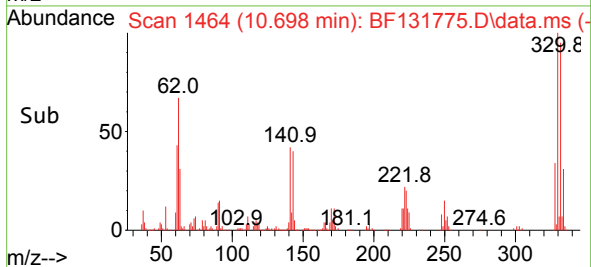
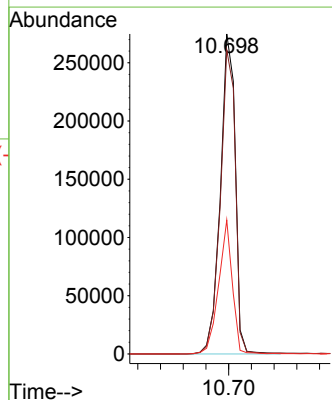
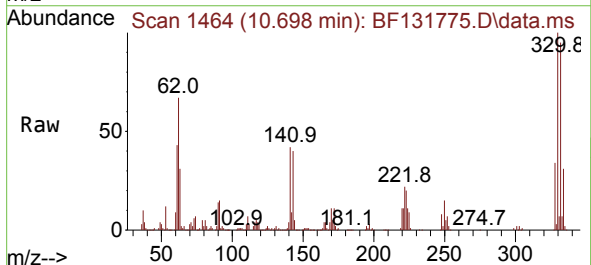


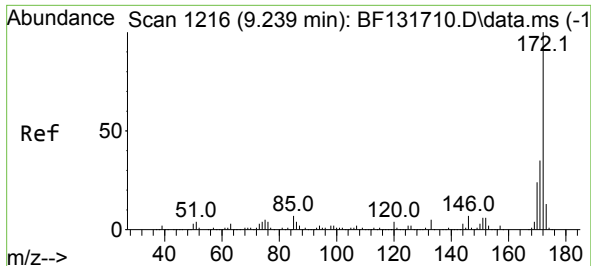
Tgt Ion:164 Resp: 160901
Ion Ratio Lower Upper
164 100
162 100.0 83.7 125.5
160 43.9 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 142.800 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05

Tgt Ion:330 Resp: 251489
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 38.7 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 94.446 ng

RT: 9.228 min Scan# 1

Delta R.T. 0.000 min

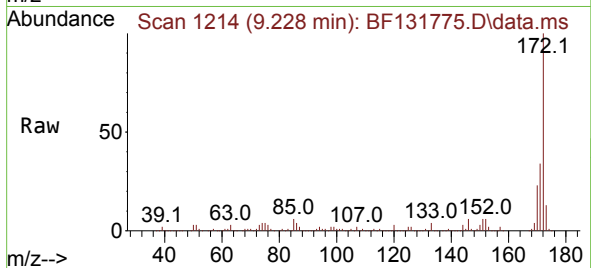
Lab File: BF131775.D

Acq: 22 Dec 2022 14:05

Instrument :

BNA_F

ClientSampleId :



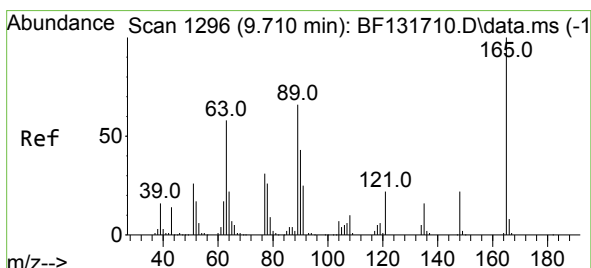
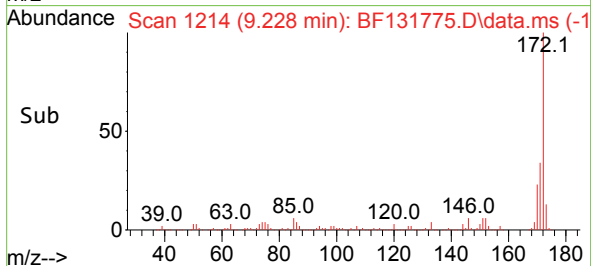
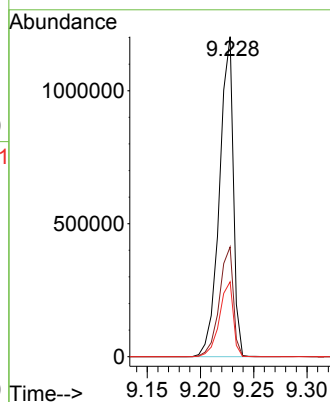
Tgt Ion:172 Resp: 1084819

Ion Ratio Lower Upper

172 100

171 34.3 27.9 41.9

170 23.4 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.952 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF131775.D

Acq: 22 Dec 2022 14:05

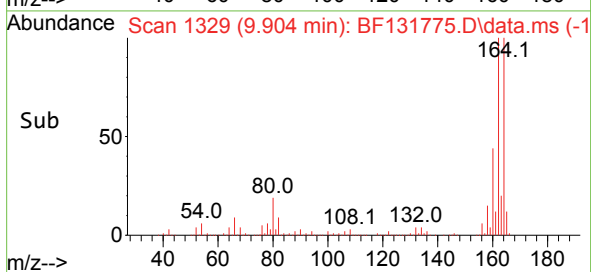
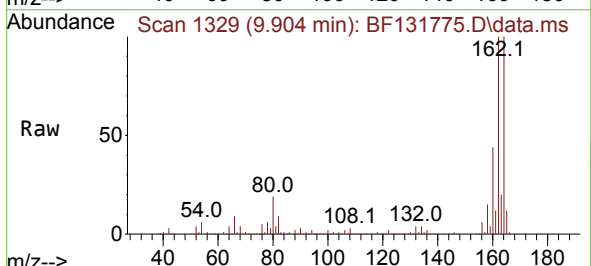
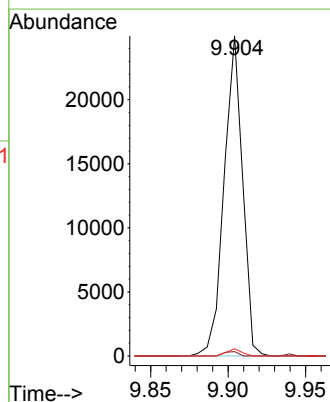
Tgt Ion:165 Resp: 20701

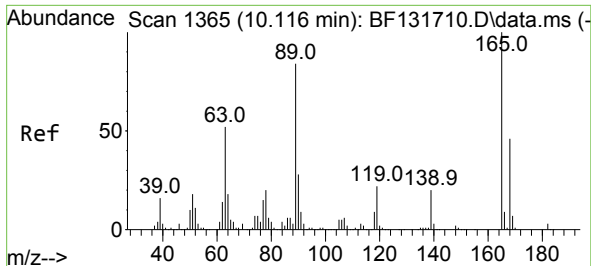
Ion Ratio Lower Upper

165 100

63 1.3 51.8 77.8#

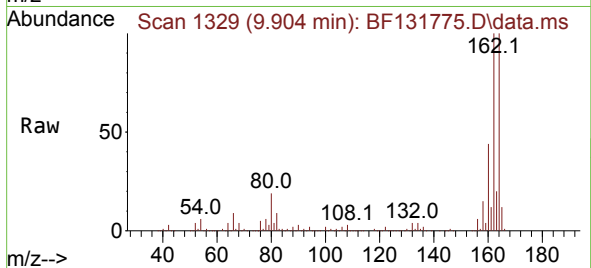
89 2.2 53.2 79.8#



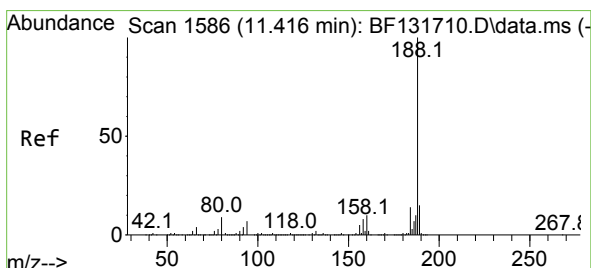
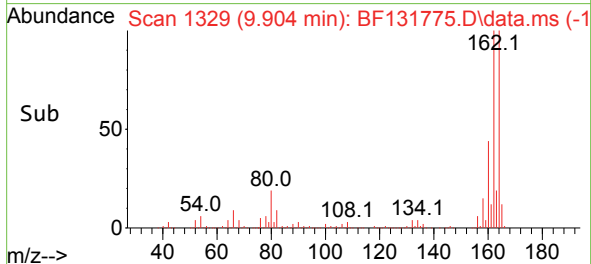
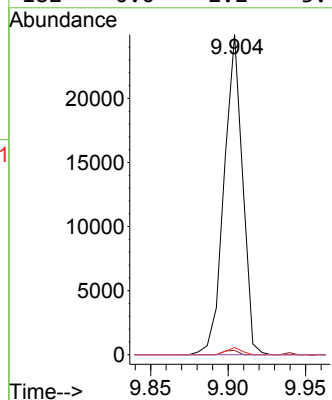


#57
2,4-Dinitrotoluene
Concen: 5.918 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05

Instrument :
BNA_F
ClientSampleId :

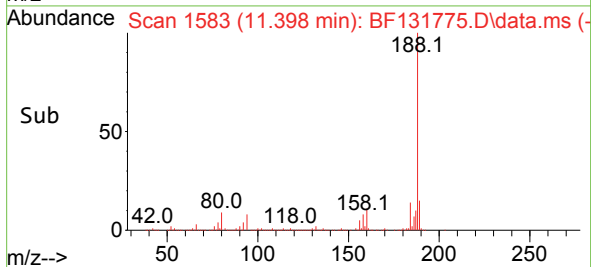
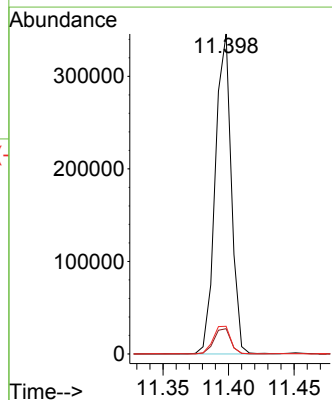
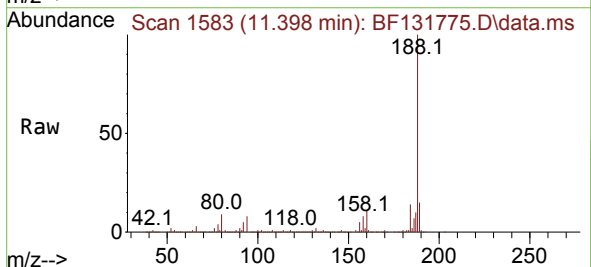


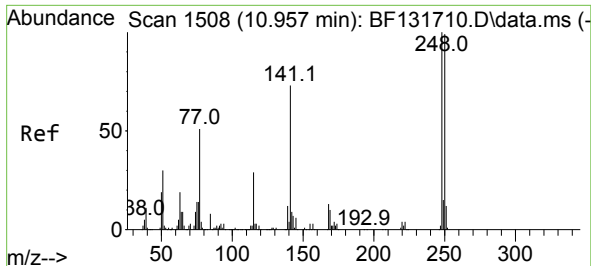
Tgt Ion:165 Resp: 20701
Ion Ratio Lower Upper
165 100
63 1.3 41.5 62.3#
89 2.2 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05

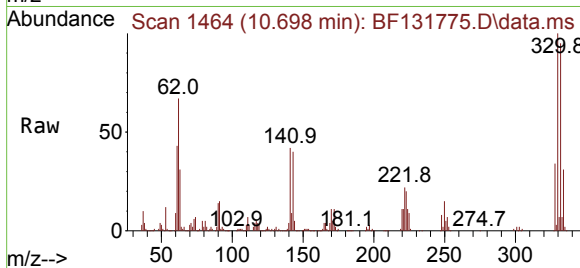
Tgt Ion:188 Resp: 293453
Ion Ratio Lower Upper
188 100
94 7.9 5.9 8.9
80 8.6 7.0 10.6



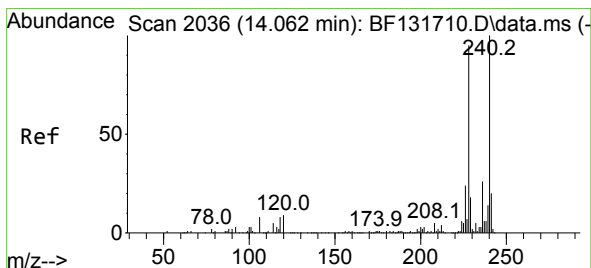
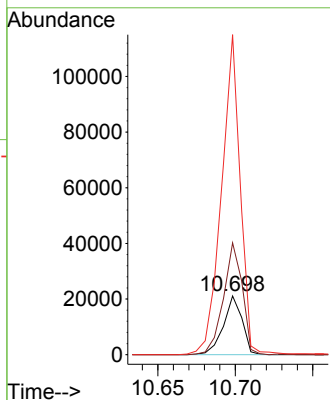
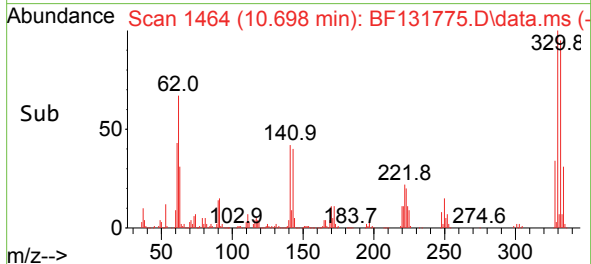


#67
4-Bromophenyl-phenylether
Concen: 5.099 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05

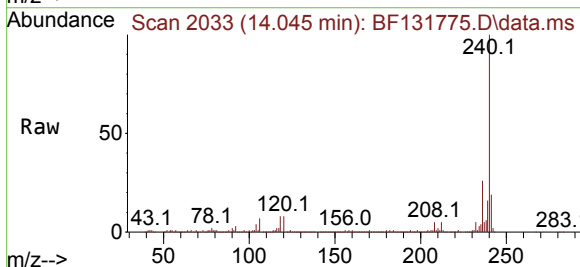
Instrument :
BNA_F
ClientSampleId :



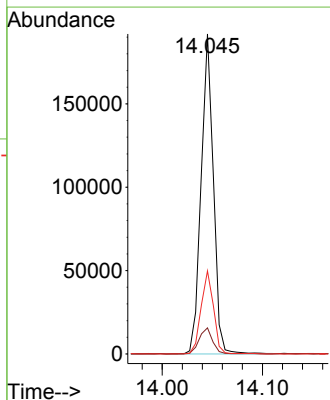
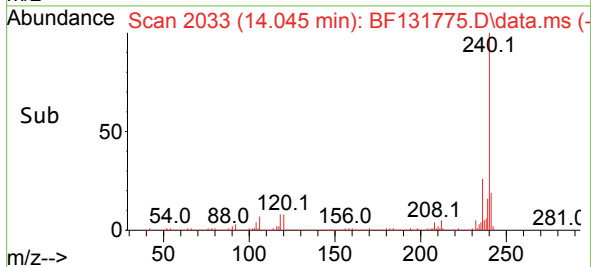
Tgt Ion:248 Resp: 17672
Ion Ratio Lower Upper
248 100
250 190.5 79.4 119.0#
141 545.2 58.1 87.1#

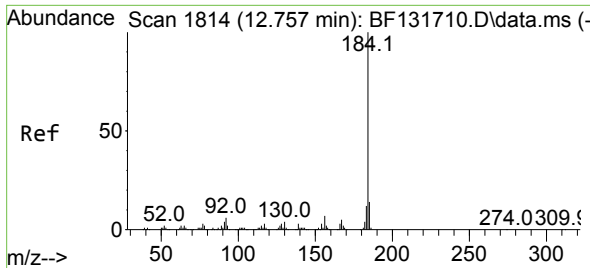


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05



Tgt Ion:240 Resp: 163894
Ion Ratio Lower Upper
240 100
120 8.2 7.6 11.4
236 25.9 21.2 31.8

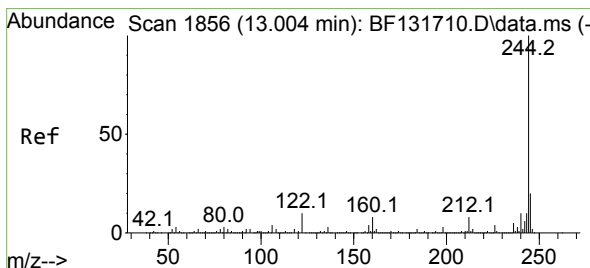
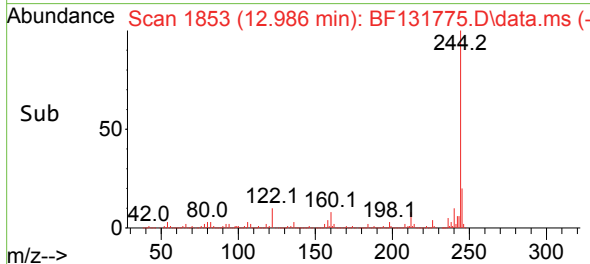
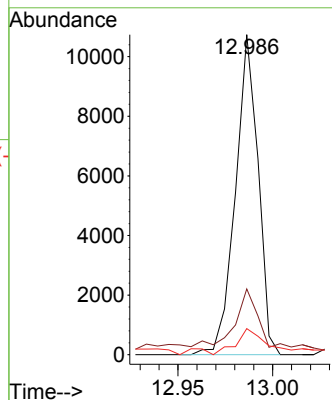
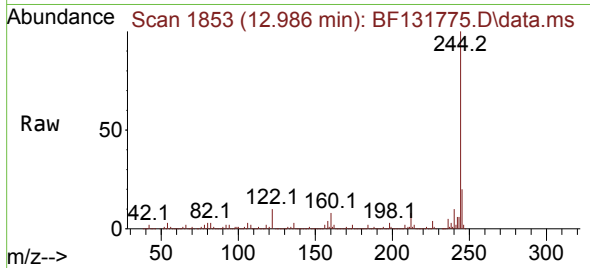




#77
Benzidine
Concen: 2.968 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05

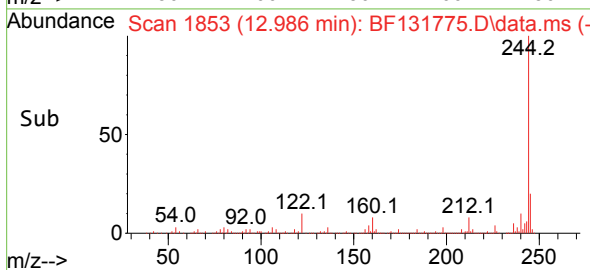
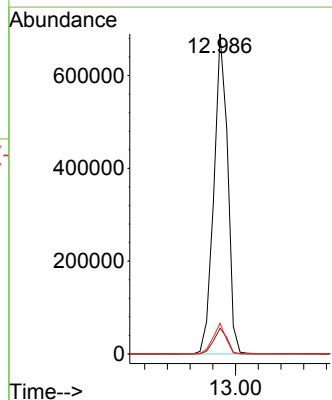
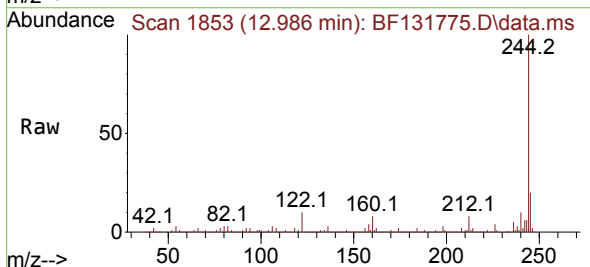
Instrument :
BNA_F
ClientSampleId :

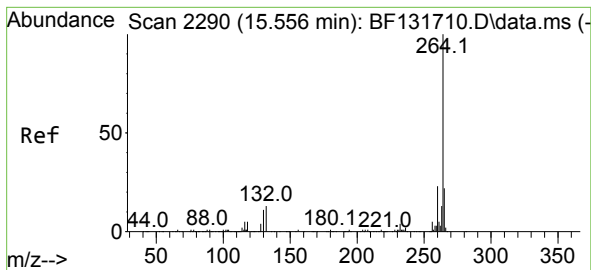
Tgt Ion:184 Resp: 8919
Ion Ratio Lower Upper
184 100
185 20.6 11.3 16.9#
183 8.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 55.119 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05

Tgt Ion:244 Resp: 579625
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.6 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131775.D
Acq: 22 Dec 2022 14:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 154418

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	21.8	17.4	26.2

