

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131777.D
 Acq On : 22 Dec 2022 15:10
 Operator : CG\JU
 Sample : N6102-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 01:53:32 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)

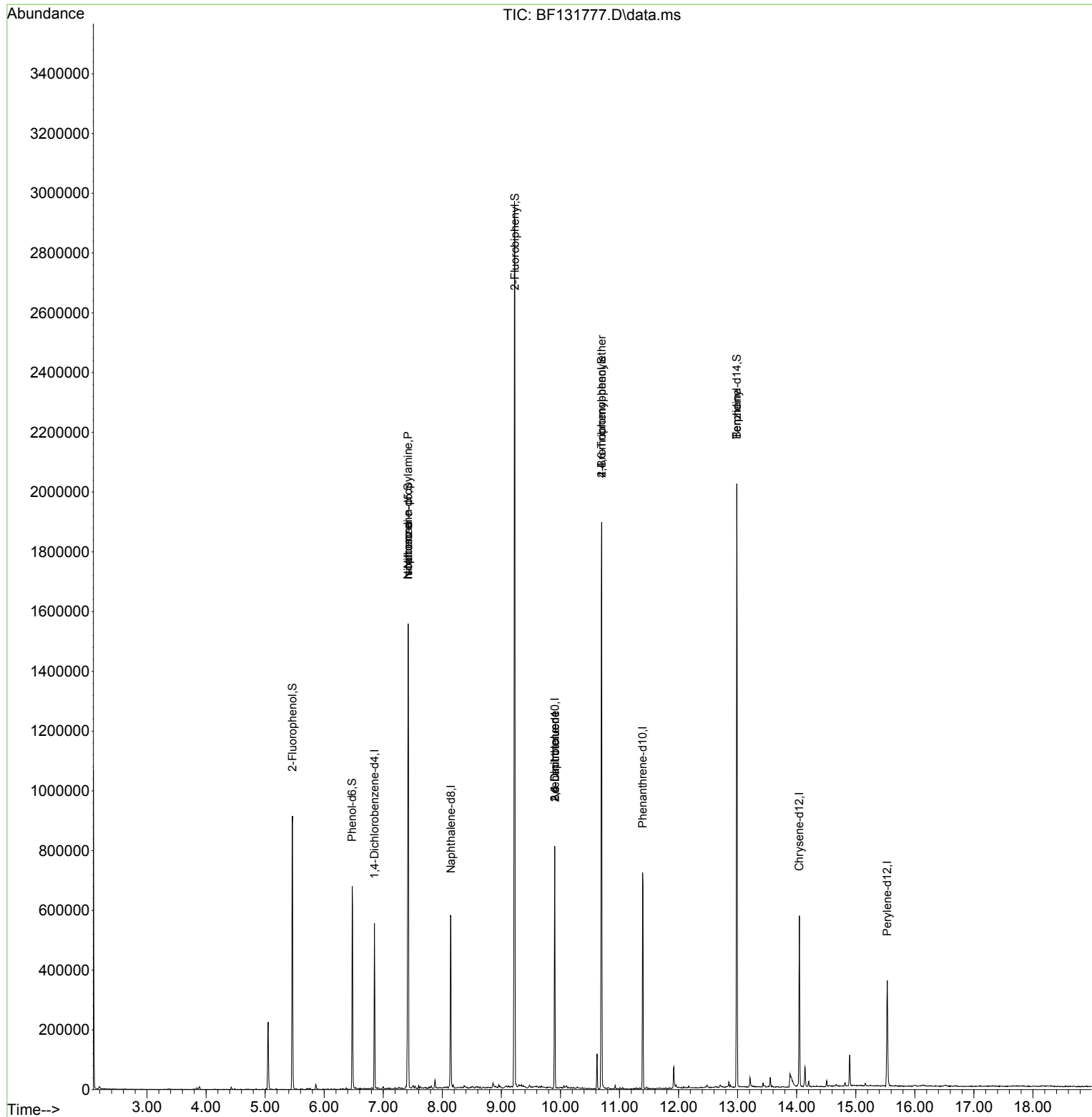
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	68858	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	247020	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	139677	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	265768	20.000	ng	0.00
76) Chrysene-d12	14.045	240	179584	20.000	ng	0.00
86) Perylene-d12	15.533	264	161463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	231217	56.543	ng	0.00
7) Phenol-d6	6.475	99	205003	37.246	ng	-0.01
23) Nitrobenzene-d5	7.422	82	581526	95.570	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	205283	134.276	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	979451	98.229	ng	0.00
79) Terphenyl-d14	12.986	244	674927	58.574	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	320	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.422	70	81206	20.457	ng	# 80
25) Isophorone	7.422	82	577016	55.839	ng	# 70
51) 2,6-Dinitrotoluene	9.904	165	17649	7.810	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	17649	5.812	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	14241	4.537	ng	# 1
77) Benizidine	12.986	184	10693	3.247	ng	# 92

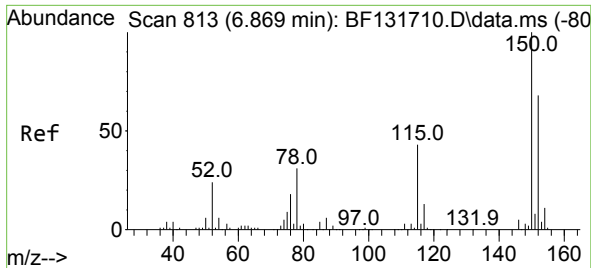
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131777.D
Acq On : 22 Dec 2022 15:10
Operator : CG\JU
Sample : N6102-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

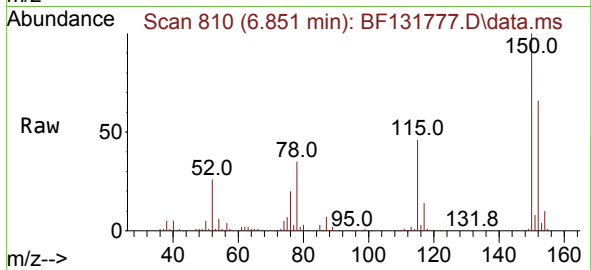
Quant Time: Dec 23 01:53:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 01:24:08 2022
Response via : Initial Calibration



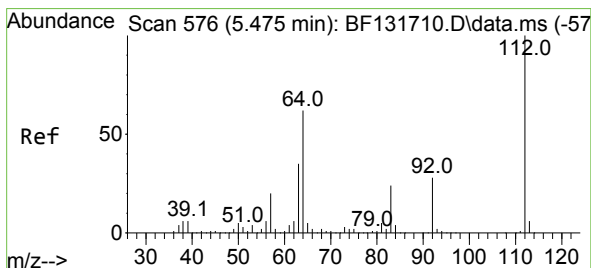
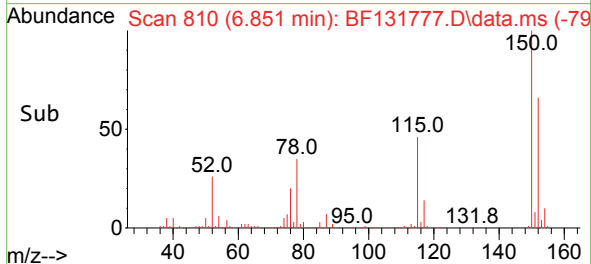
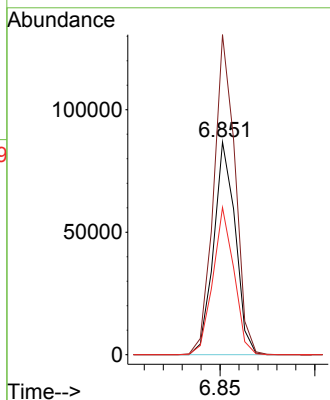


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131777.D
Acq: 22 Dec 2022 15:10

Instrument :
BNA_F
ClientSampleId :

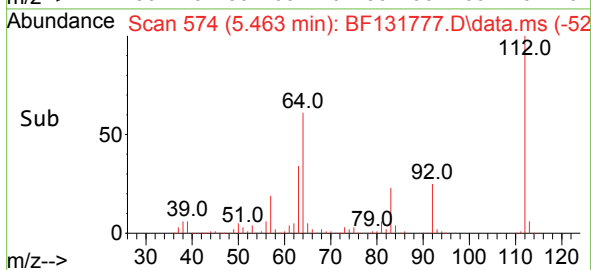
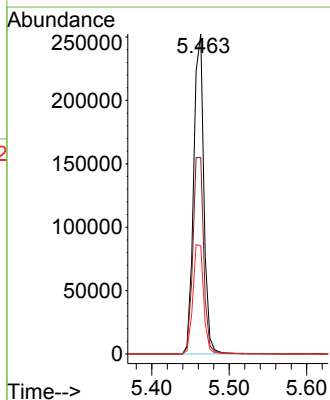
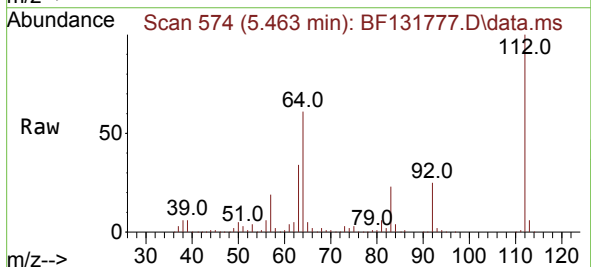


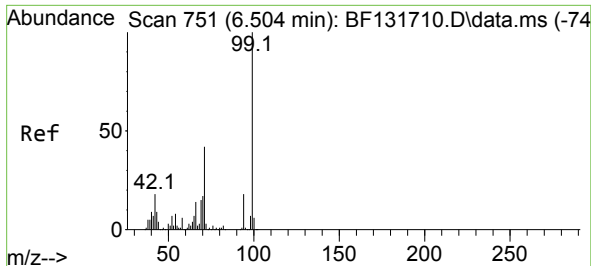
Tgt Ion:152 Resp: 68858
Ion Ratio Lower Upper
152 100
150 150.5 117.4 176.0
115 69.2 50.2 75.4



#5
2-Fluorophenol
Concen: 56.543 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF131777.D
Acq: 22 Dec 2022 15:10

Tgt Ion:112 Resp: 231217
Ion Ratio Lower Upper
112 100
64 61.4 49.5 74.3
63 33.8 28.2 42.2

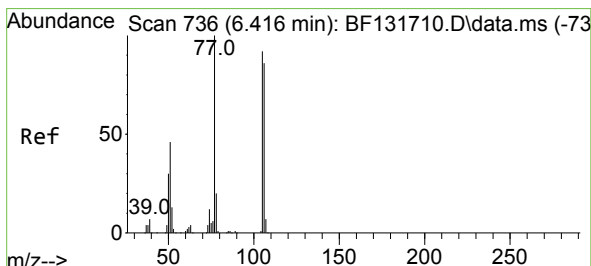
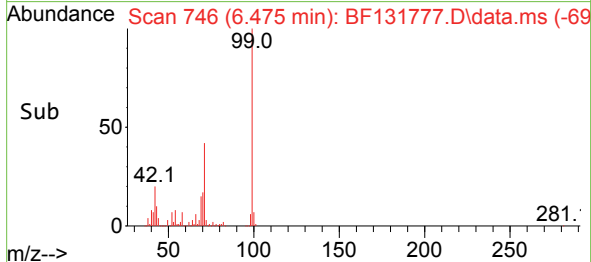
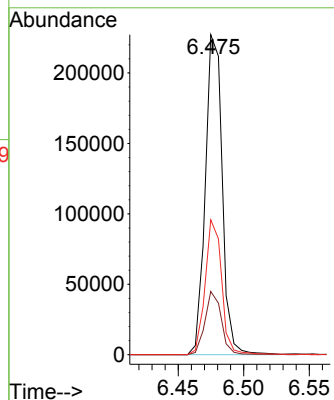
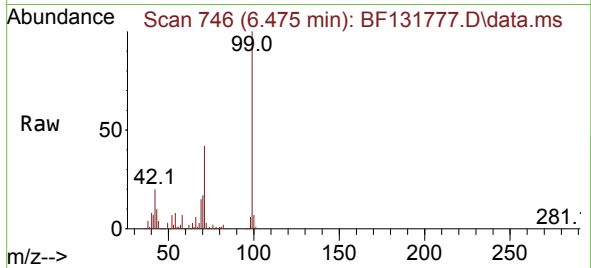




#7
Phenol-d6
Concen: 37.246 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF131777.D
Acq: 22 Dec 2022 15:10

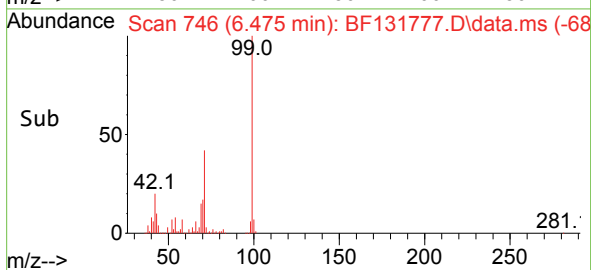
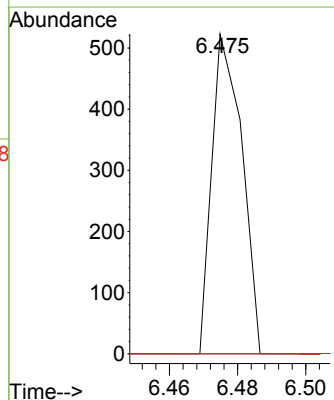
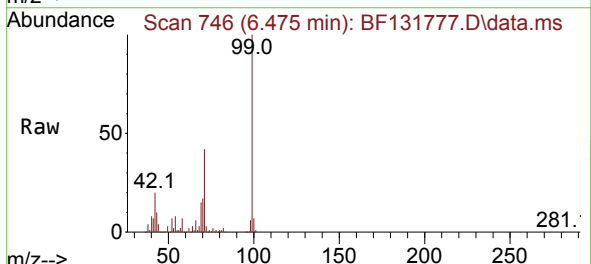
Instrument :
BNA_F
ClientSampleId :

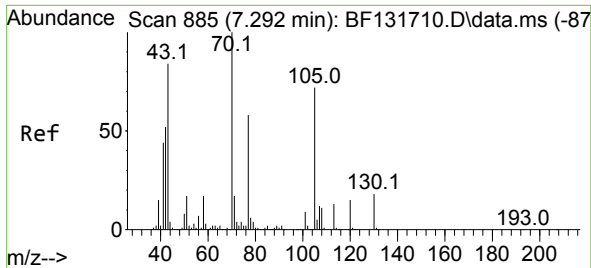
Tgt Ion: 99 Resp: 205003
Ion Ratio Lower Upper
99 100
42 19.8 14.8 22.2
71 42.2 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 746
Delta R.T. 0.070 min
Lab File: BF131777.D
Acq: 22 Dec 2022 15:10

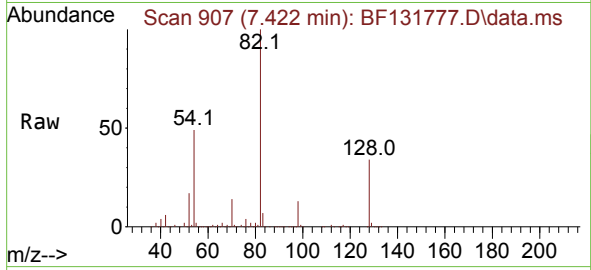
Tgt Ion: 77 Resp: 320
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#



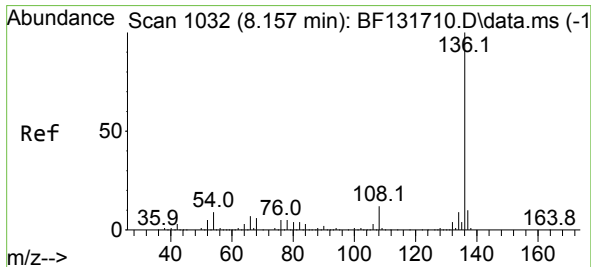
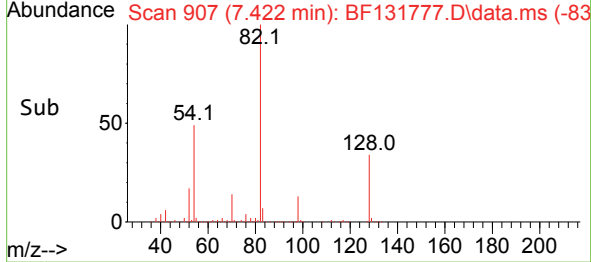
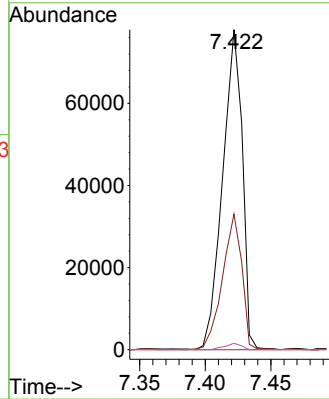


#19
n-Nitroso-di-n-propylamine
Concen: 20.457 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF131777.D
Acq: 22 Dec 2022 15:10

Instrument :
BNA_F
ClientSampleId :

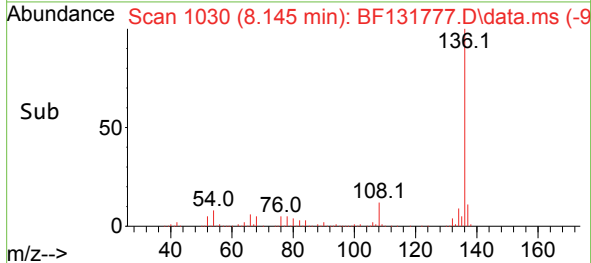
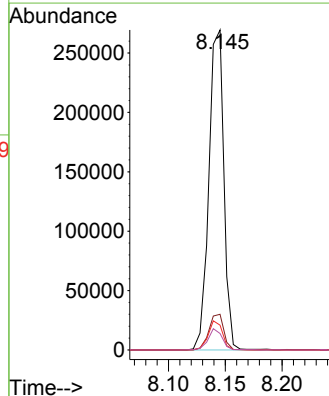
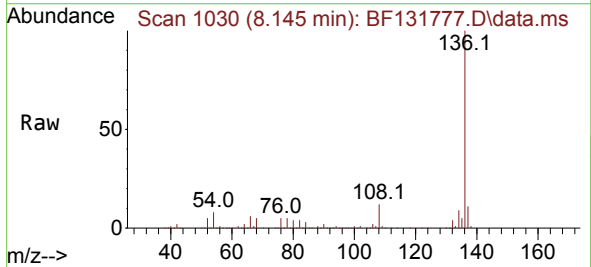


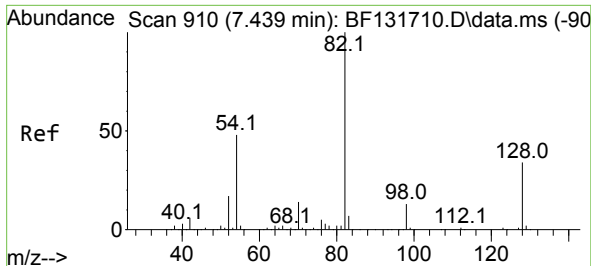
Tgt Ion: 70 Resp: 81206
Ion Ratio Lower Upper
70 100
42 42.4 41.5 62.3
101 0.0 7.3 10.9#
130 2.0 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF131777.D
Acq: 22 Dec 2022 15:10

Tgt Ion: 136 Resp: 247020
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.7 7.2 10.8
68 5.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 95.570 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF131777.D

Acq: 22 Dec 2022 15:10

Instrument :

BNA_F

ClientSampleId :

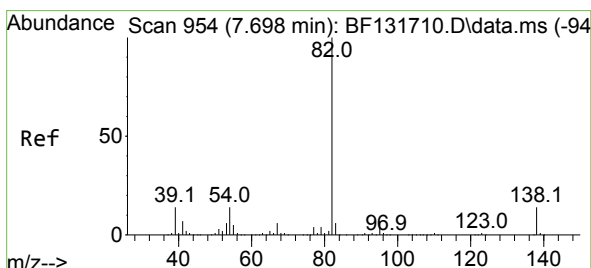
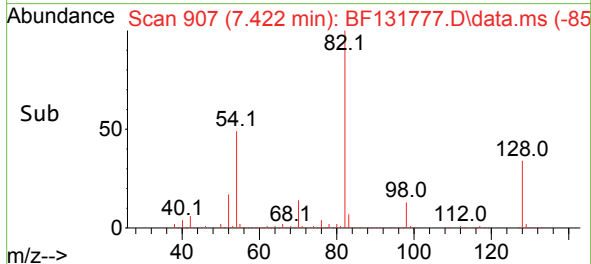
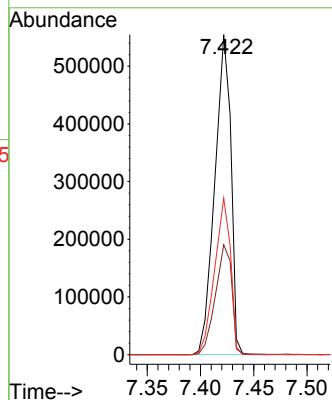
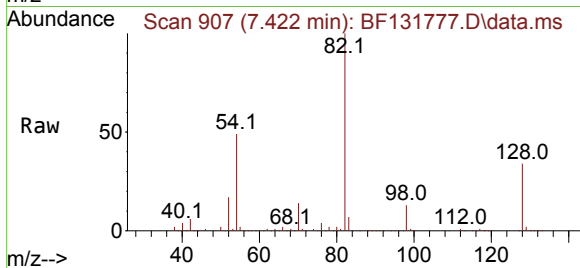
Tgt Ion: 82 Resp: 581526

Ion Ratio Lower Upper

82 100

128 34.4 27.3 40.9

54 48.9 38.2 57.2



#25

Isophorone

Concen: 55.839 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.265 min

Lab File: BF131777.D

Acq: 22 Dec 2022 15:10

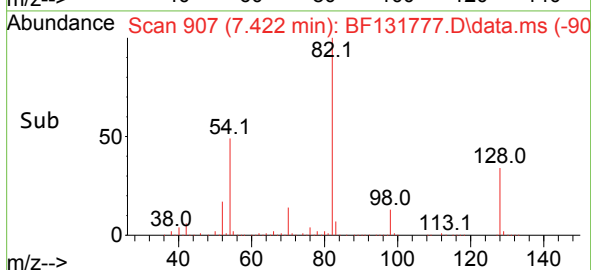
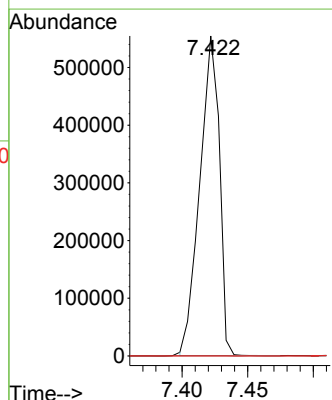
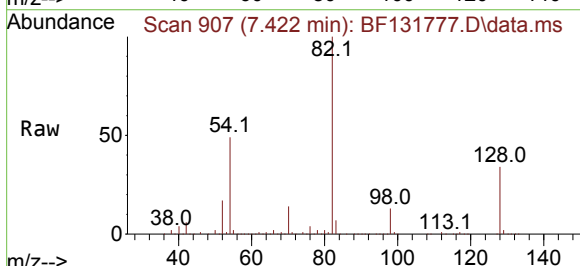
Tgt Ion: 82 Resp: 577016

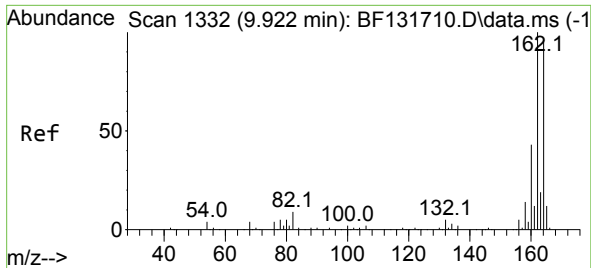
Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.6#

138 0.0 11.6 17.4#

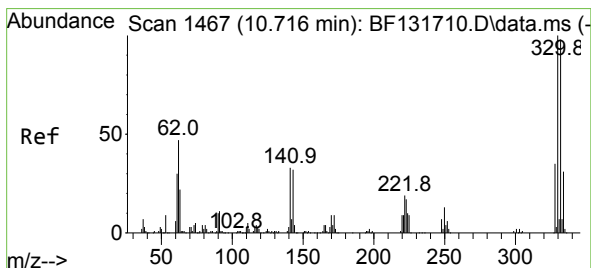
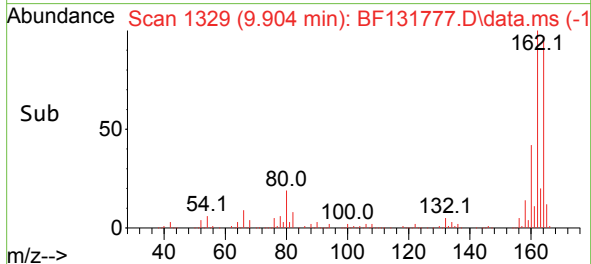
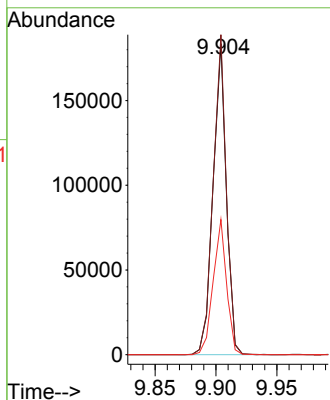
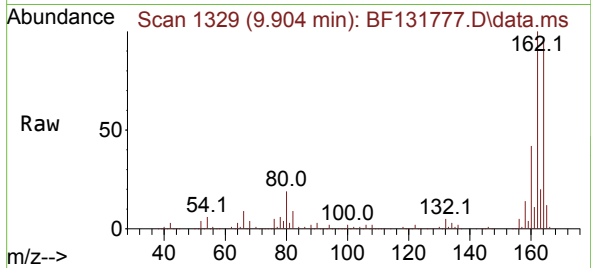




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131777.D
Acq: 22 Dec 2022 15:10

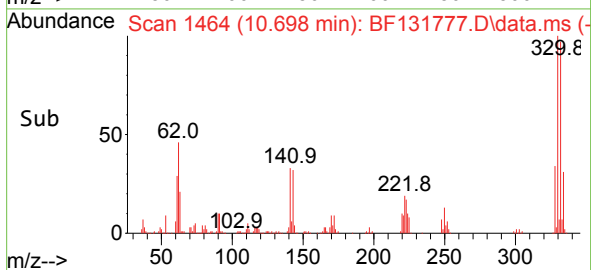
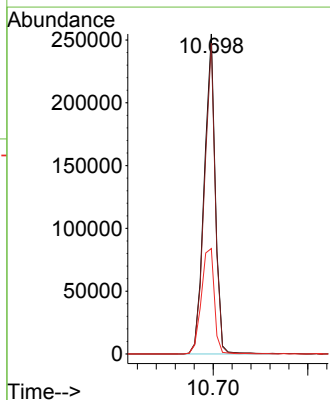
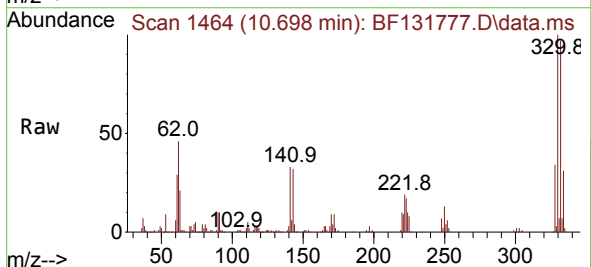
Instrument :
BNA_F
ClientSampleId :

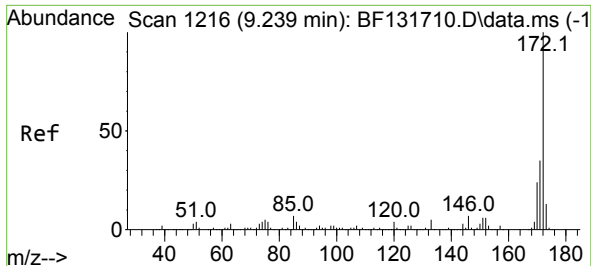
Tgt Ion:164 Resp: 139677
Ion Ratio Lower Upper
164 100
162 102.9 83.7 125.5
160 43.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 134.276 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF131777.D
Acq: 22 Dec 2022 15:10

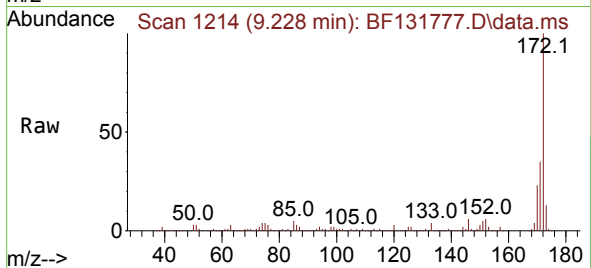
Tgt Ion:330 Resp: 205283
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 39.0 30.4 45.6



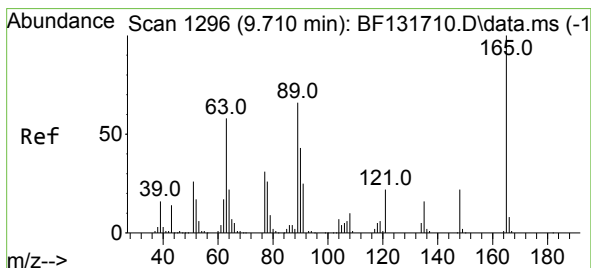
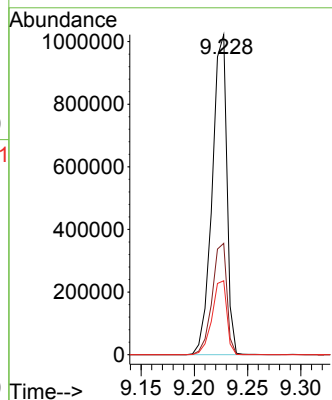
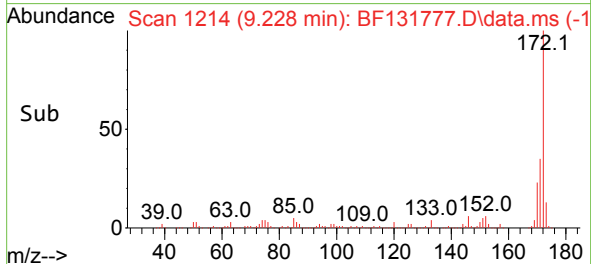


#45
2-Fluorobiphenyl
Concen: 98.229 ng
RT: 9.228 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF131777.D
Acq: 22 Dec 2022 15:10

Instrument :
BNA_F
ClientSampleId :

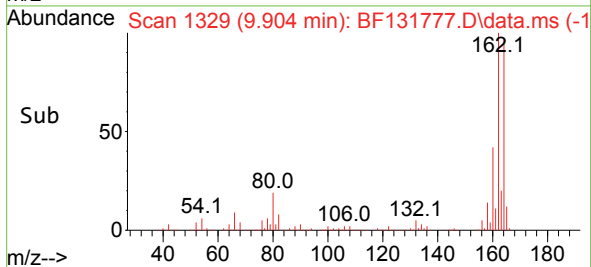
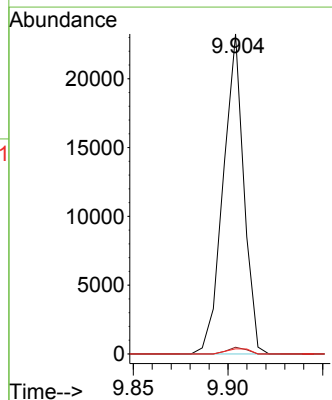
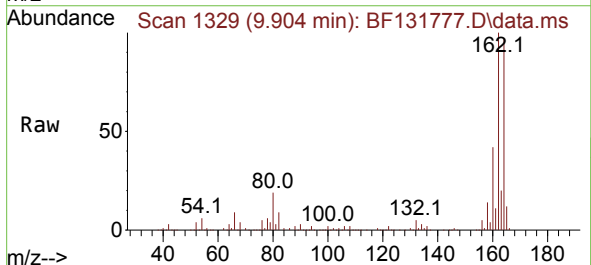


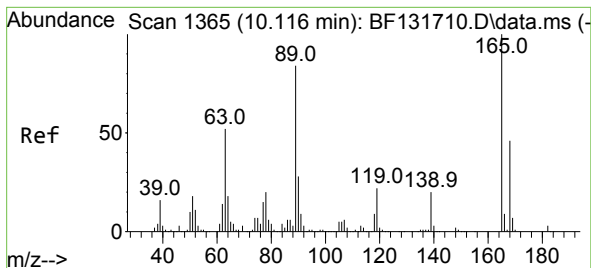
Tgt Ion:172 Resp: 979451
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.1 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.810 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF131777.D
Acq: 22 Dec 2022 15:10

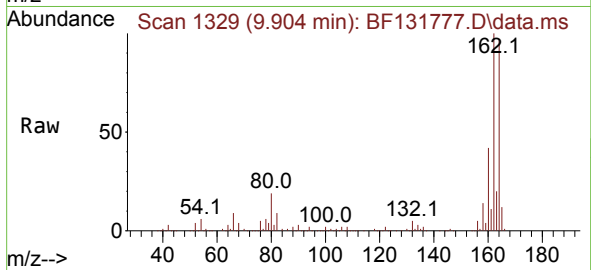
Tgt Ion:165 Resp: 17649
Ion Ratio Lower Upper
165 100
63 2.1 51.8 77.8#
89 1.6 53.2 79.8#



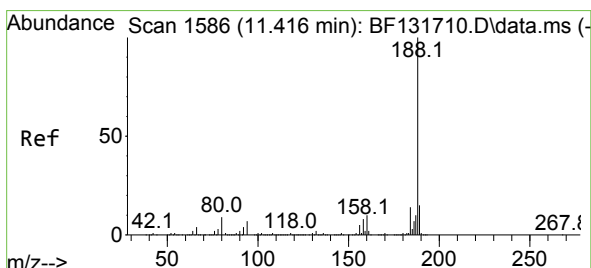
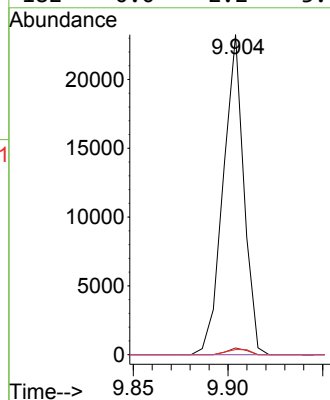
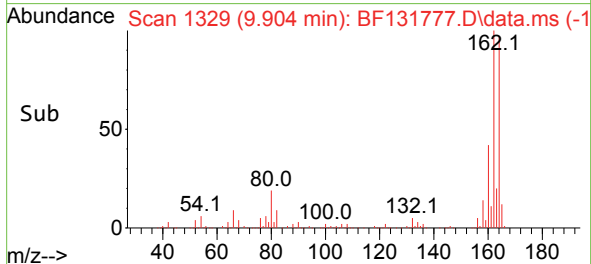


#57
2,4-Dinitrotoluene
Concen: 5.812 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131777.D
Acq: 22 Dec 2022 15:10

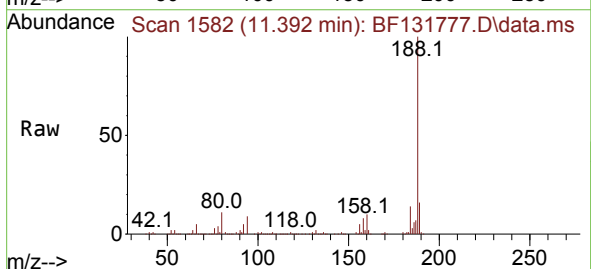
Instrument :
BNA_F
ClientSampleId :



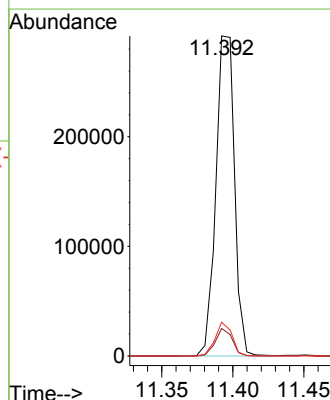
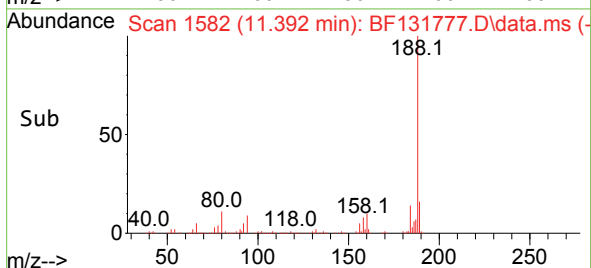
Tgt Ion:165 Resp: 17649
Ion Ratio Lower Upper
165 100
63 2.1 41.5 62.3#
89 1.6 67.0 100.4#
182 0.0 2.2 3.4#

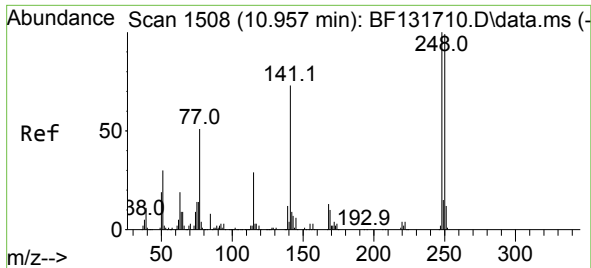


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF131777.D
Acq: 22 Dec 2022 15:10



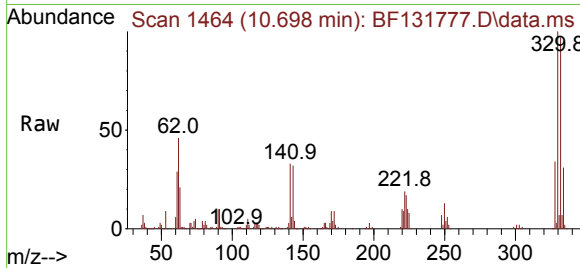
Tgt Ion:188 Resp: 265768
Ion Ratio Lower Upper
188 100
94 8.6 5.9 8.9
80 10.5 7.0 10.6



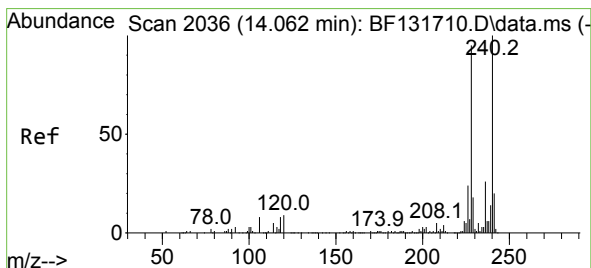
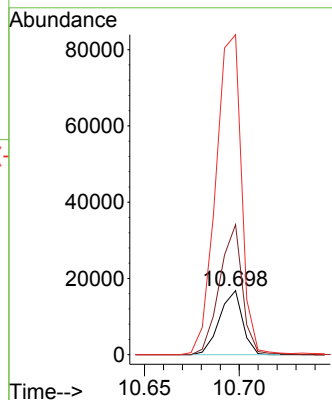
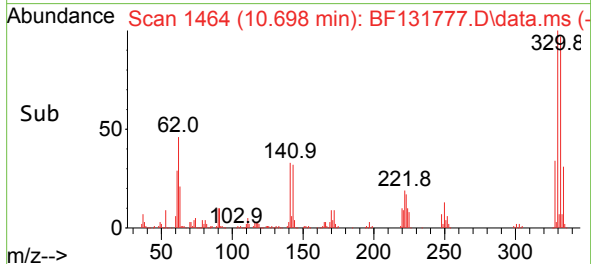


#67
4-Bromophenyl-phenylether
Concen: 4.537 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF131777.D
Acq: 22 Dec 2022 15:10

Instrument :
BNA_F
ClientSampleId :

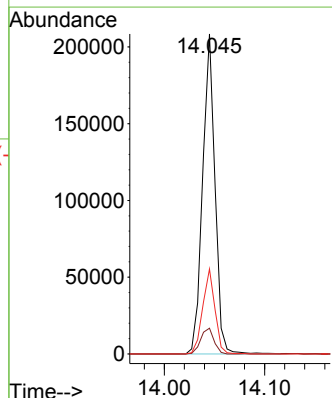
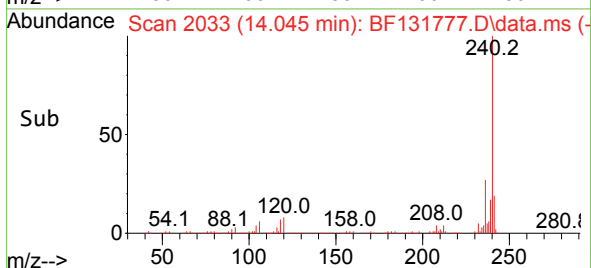
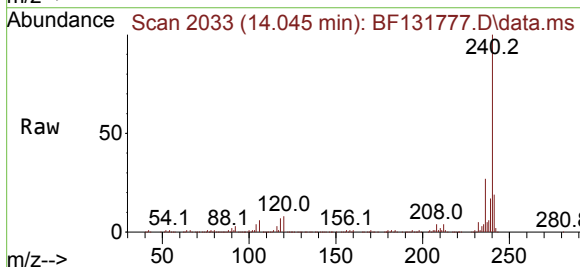


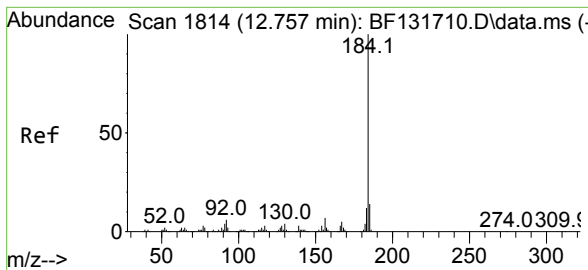
Tgt Ion:248 Resp: 14241
Ion Ratio Lower Upper
248 100
250 203.3 79.4 119.0#
141 500.1 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131777.D
Acq: 22 Dec 2022 15:10

Tgt Ion:240 Resp: 179584
Ion Ratio Lower Upper
240 100
120 8.0 7.6 11.4
236 26.5 21.2 31.8





#77

Benzidine

Concen: 3.247 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF131777.D

Acq: 22 Dec 2022 15:10

Instrument :

BNA_F

ClientSampleId :

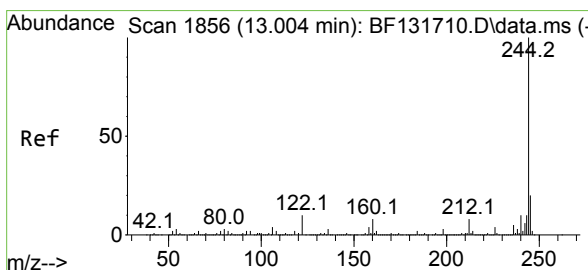
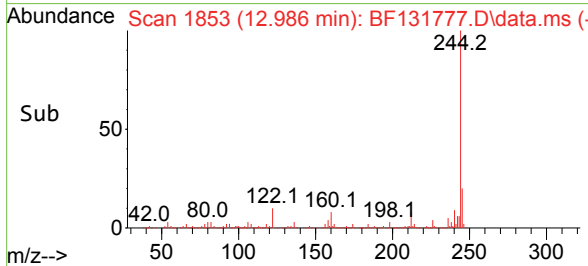
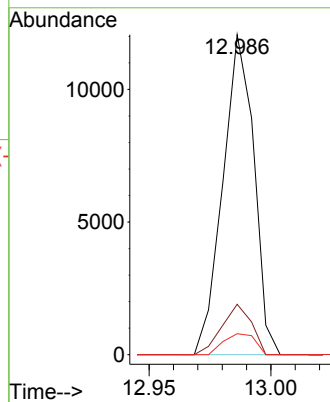
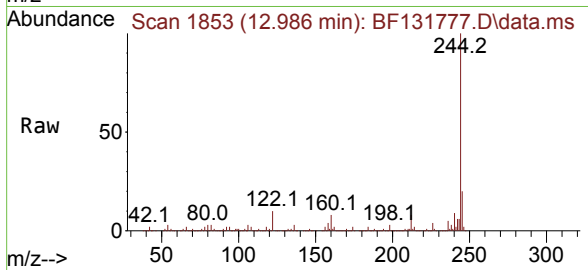
Tgt Ion:184 Resp: 10693

Ion Ratio Lower Upper

184 100

185 15.8 11.3 16.9

183 6.6 9.3 13.9#



#79

Terphenyl-d14

Concen: 58.574 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF131777.D

Acq: 22 Dec 2022 15:10

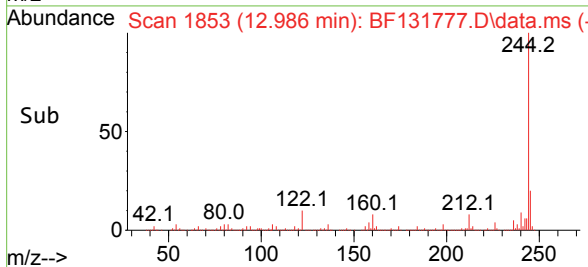
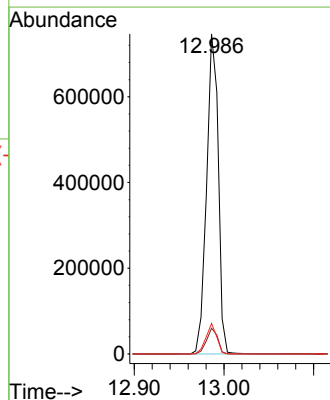
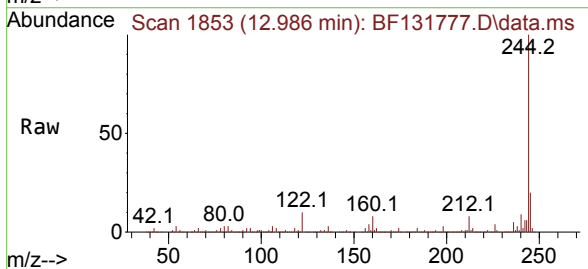
Tgt Ion:244 Resp: 674927

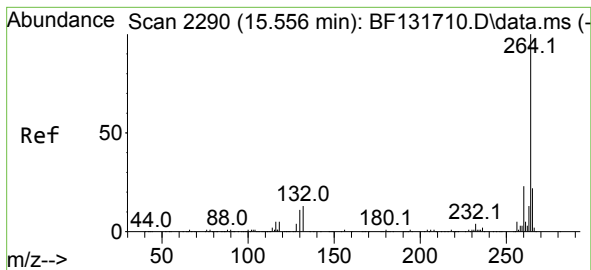
Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

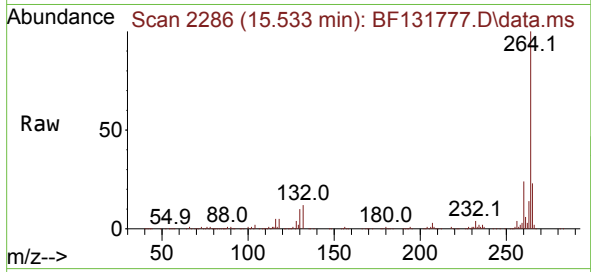
122 9.6 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131777.D
 Acq: 22 Dec 2022 15:10

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 161463
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 22.9 17.4 26.2

