

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131776.D
 Acq On : 22 Dec 2022 14:37
 Operator : CG\JU
 Sample : N6102-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 01:53:10 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)

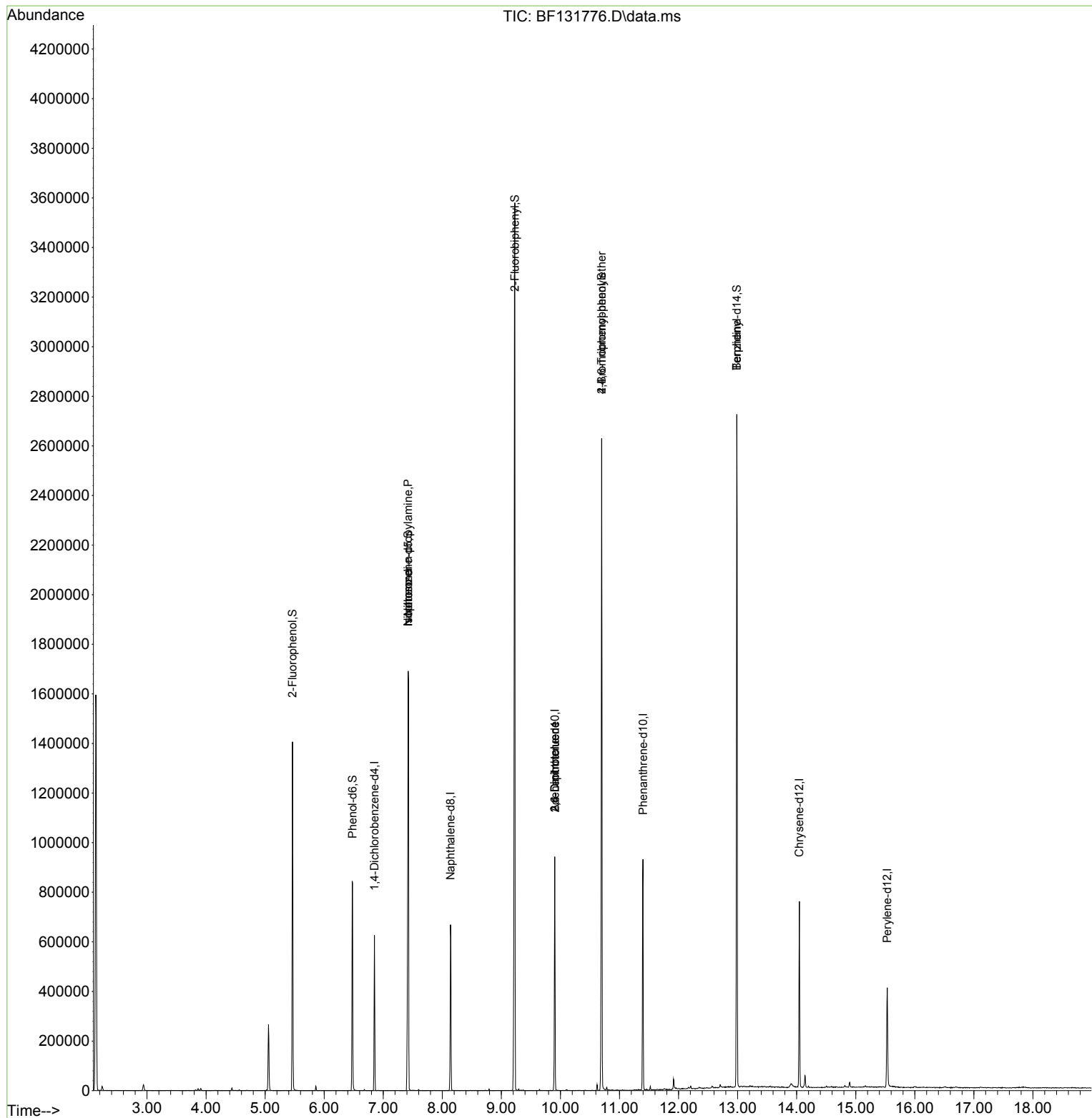
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	80191	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	295736	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	169156	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	340542	20.000	ng	0.00
76) Chrysene-d12	14.045	240	229809	20.000	ng	0.00
86) Perylene-d12	15.533	264	183757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	319560	67.103	ng	0.00
7) Phenol-d6	6.481	99	275170	42.929	ng	0.00
23) Nitrobenzene-d5	7.422	82	716228	98.318	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	289426	156.322	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1194056	98.883	ng	0.00
79) Terphenyl-d14	12.986	244	969660	65.761	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	356	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.422	70	100679	21.779	ng	# 79
25) Isophorone	7.422	82	714200	57.729	ng	# 70
51) 2,6-Dinitrotoluene	9.904	165	21982	8.032	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	21982	5.977	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	19833	4.931	ng	# 1
77) Benizidine	12.986	184	15060	3.574	ng	# 91

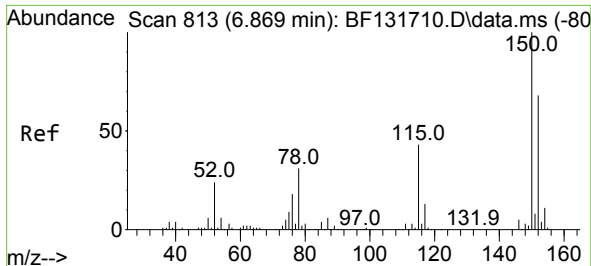
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131776.D
Acq On : 22 Dec 2022 14:37
Operator : CG\JU
Sample : N6102-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

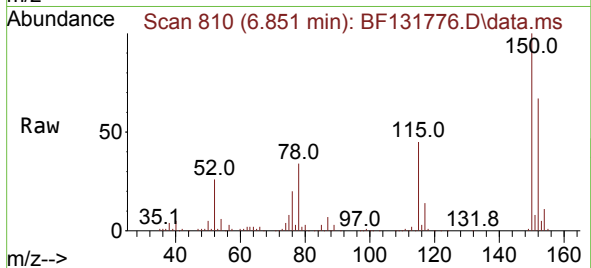
Quant Time: Dec 23 01:53:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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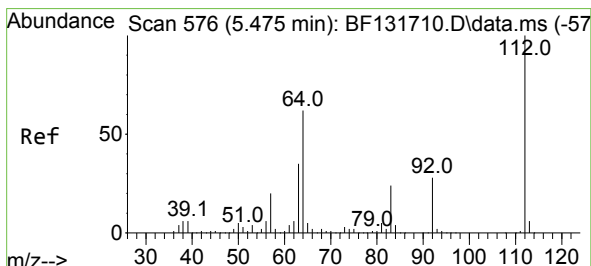
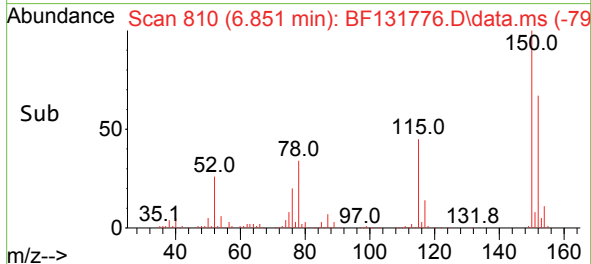
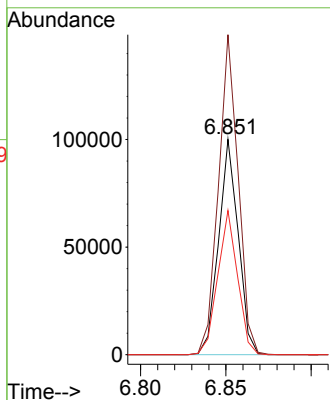


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131776.D
Acq: 22 Dec 2022 14:37

Instrument :
BNA_F
ClientSampleId :

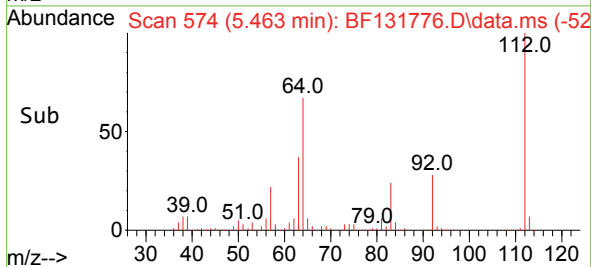
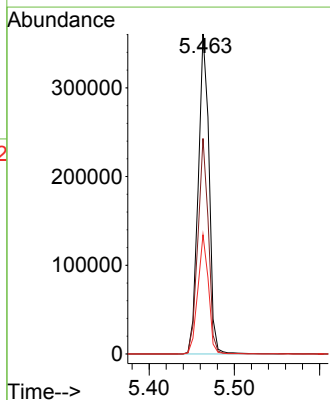
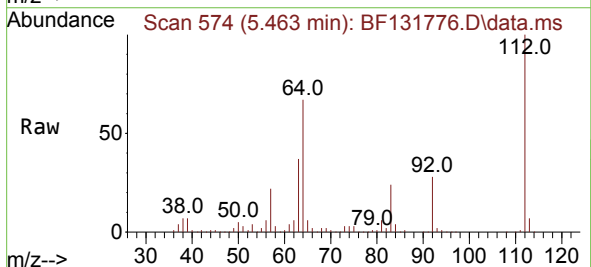


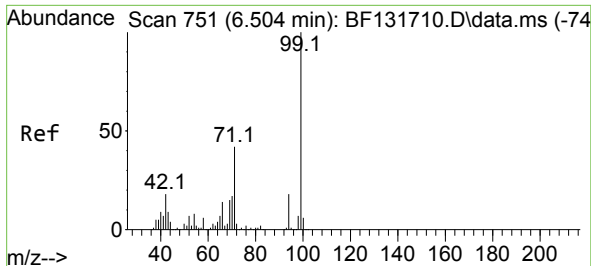
Tgt Ion:152 Resp: 80191
Ion Ratio Lower Upper
152 100
150 148.5 117.4 176.0
115 66.9 50.2 75.4



#5
2-Fluorophenol
Concen: 67.103 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF131776.D
Acq: 22 Dec 2022 14:37

Tgt Ion:112 Resp: 319560
Ion Ratio Lower Upper
112 100
64 67.3 49.5 74.3
63 37.2 28.2 42.2

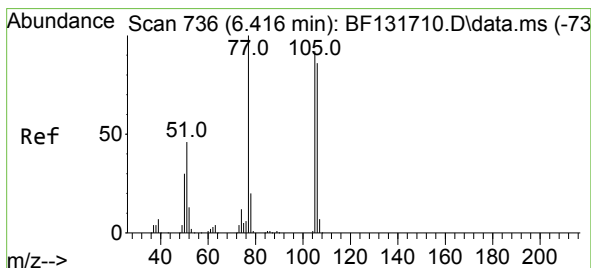
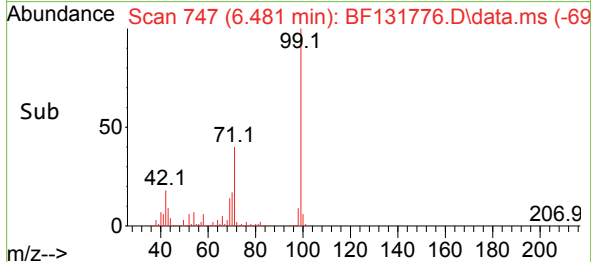
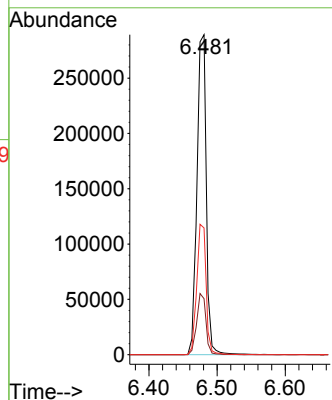
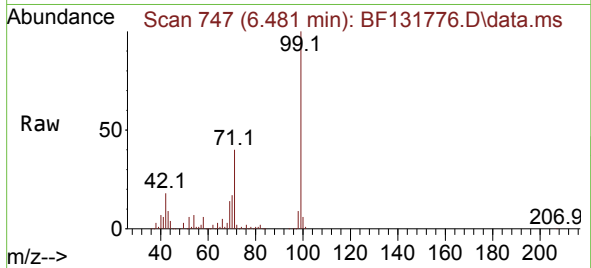




#7
Phenol-d6
Concen: 42.929 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF131776.D
Acq: 22 Dec 2022 14:37

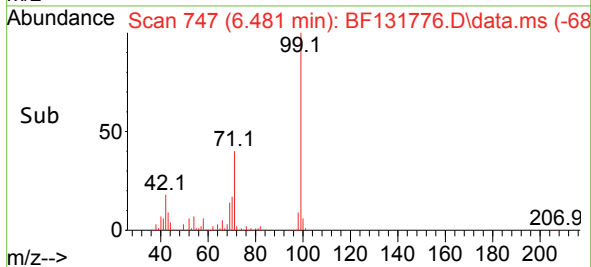
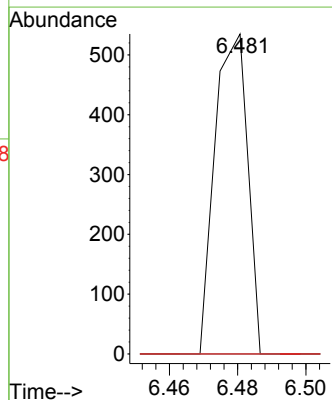
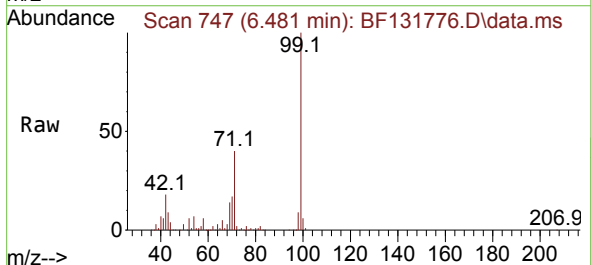
Instrument :
BNA_F
ClientSampleId :

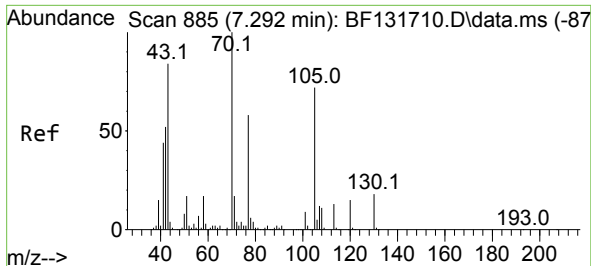
Tgt Ion: 99 Resp: 275170
Ion Ratio Lower Upper
99 100
42 17.5 14.8 22.2
71 39.6 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 747
Delta R.T. 0.076 min
Lab File: BF131776.D
Acq: 22 Dec 2022 14:37

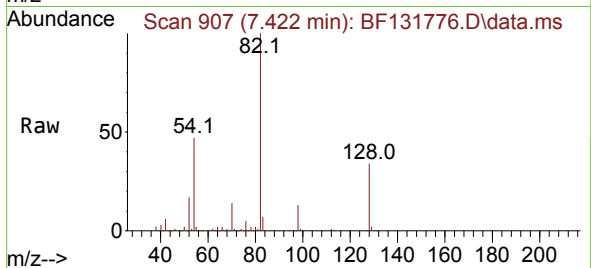
Tgt Ion: 77 Resp: 356
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#



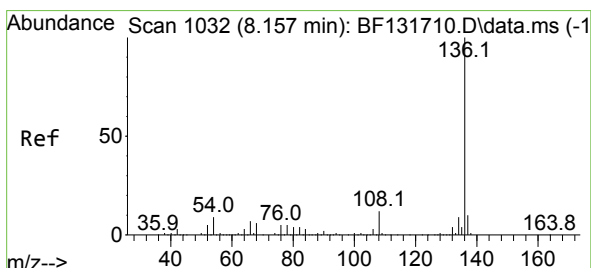
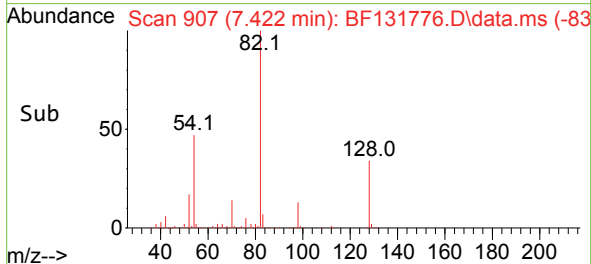
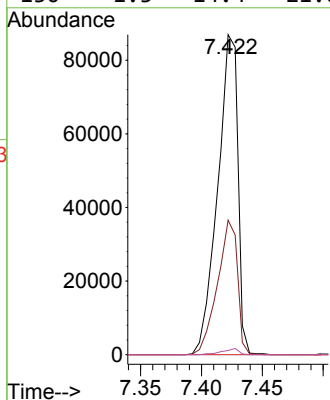


#19
n-Nitroso-di-n-propylamine
Concen: 21.779 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF131776.D
Acq: 22 Dec 2022 14:37

Instrument :
BNA_F
ClientSampleId :

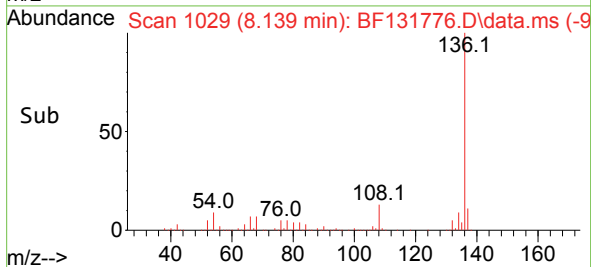
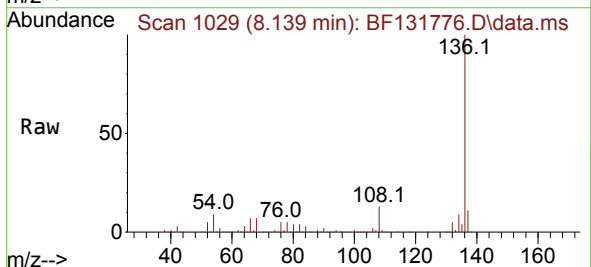
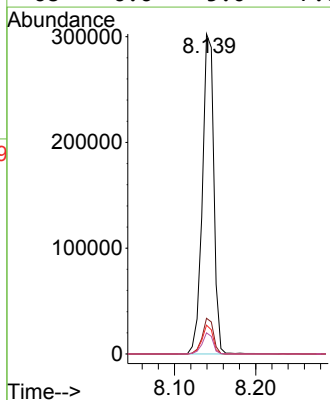


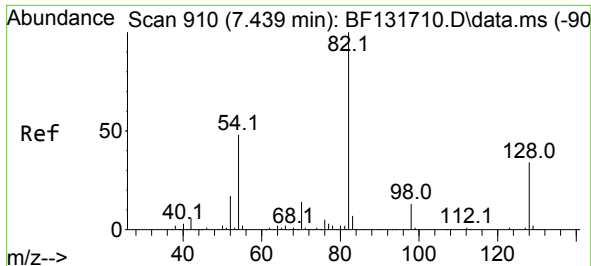
Tgt Ion: 70 Resp: 100679
Ion Ratio Lower Upper
70 100
42 42.0 41.5 62.3
101 0.0 7.3 10.9#
130 1.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF131776.D
Acq: 22 Dec 2022 14:37

Tgt Ion: 136 Resp: 295736
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.0 7.2 10.8
68 6.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 98.318 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF131776.D

Acq: 22 Dec 2022 14:37

Instrument :

BNA_F

ClientSampleId :

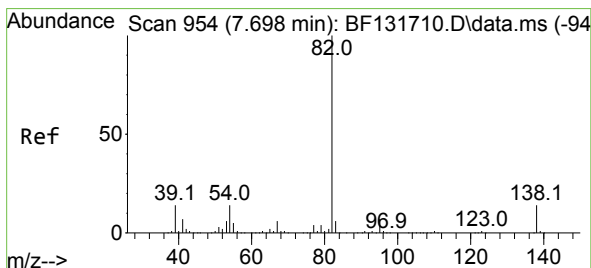
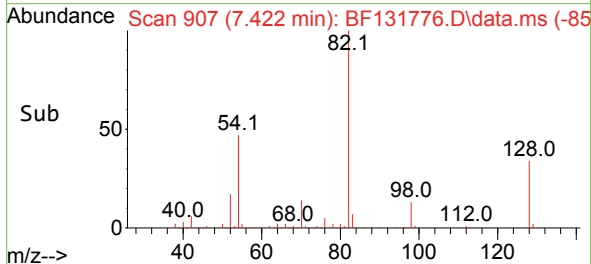
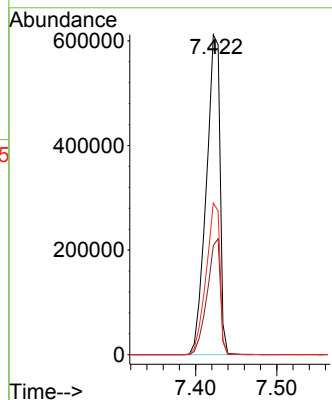
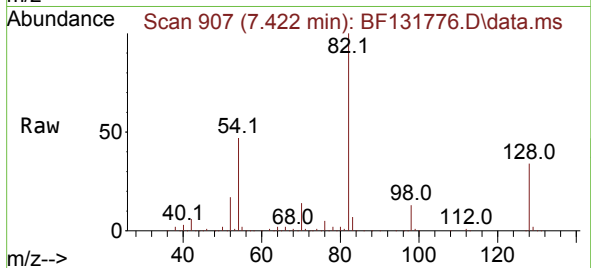
Tgt Ion: 82 Resp: 716228

Ion Ratio Lower Upper

82 100

128 34.1 27.3 40.9

54 47.4 38.2 57.2



#25

Isophorone

Concen: 57.729 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.265 min

Lab File: BF131776.D

Acq: 22 Dec 2022 14:37

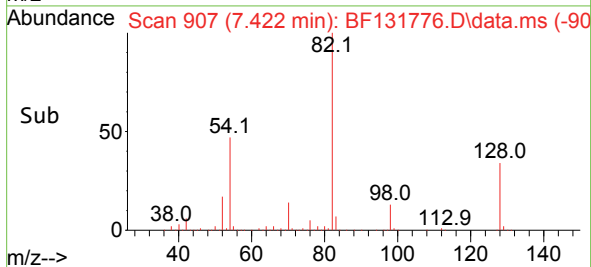
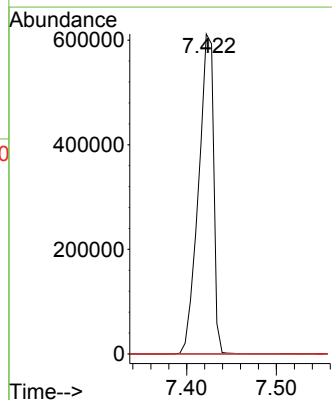
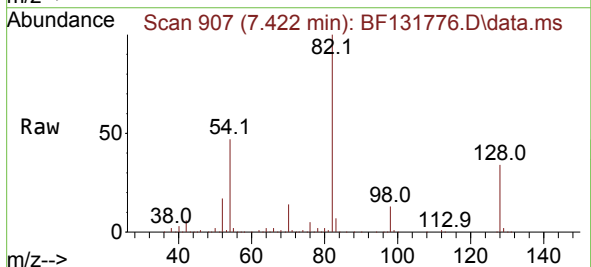
Tgt Ion: 82 Resp: 714200

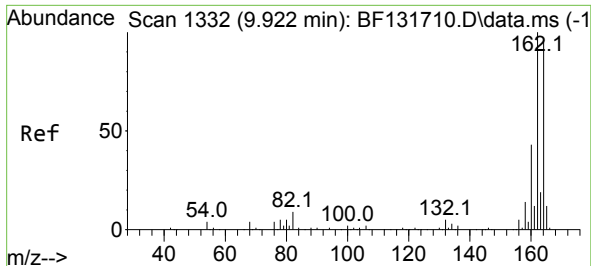
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

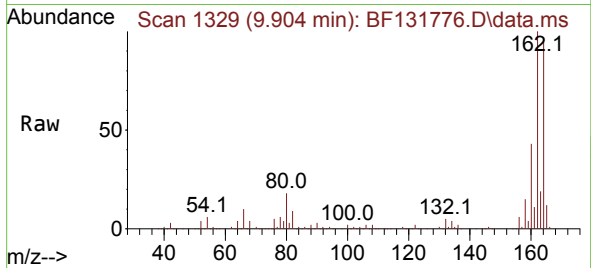
138 0.0 11.6 17.4#



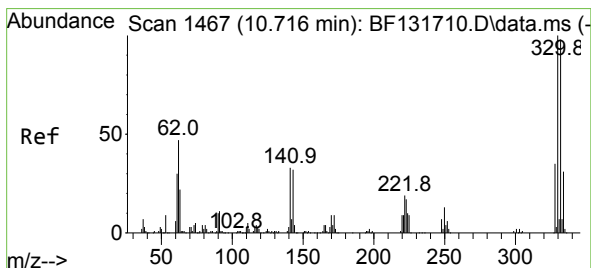
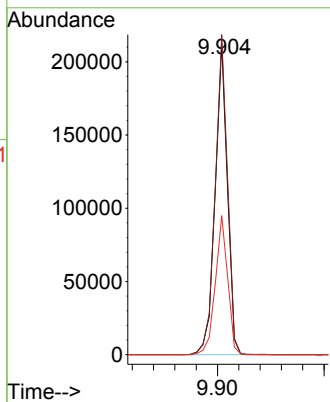
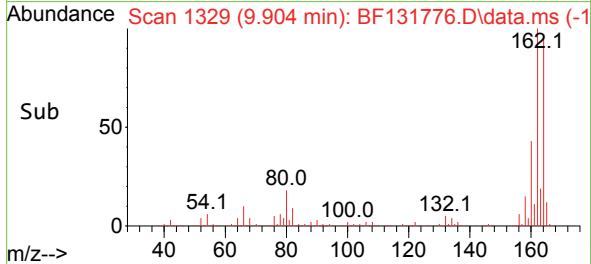


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131776.D
Acq: 22 Dec 2022 14:37

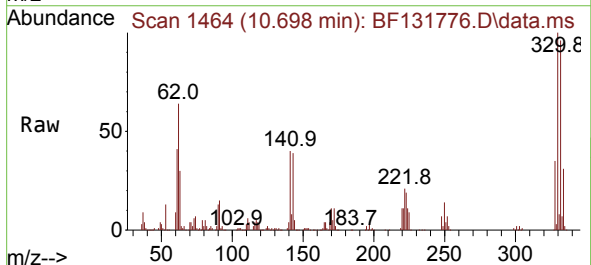
Instrument :
BNA_F
ClientSampleId :



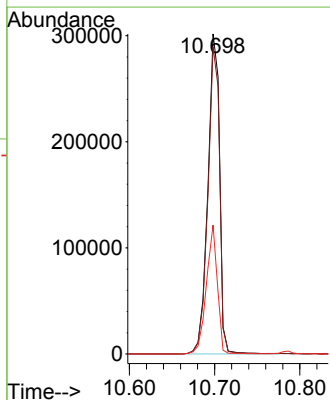
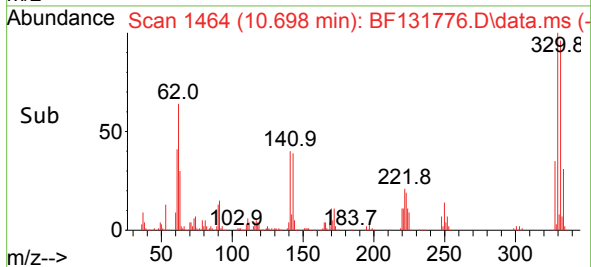
Tgt Ion:164 Resp: 169156
Ion Ratio Lower Upper
164 100
162 102.8 83.7 125.5
160 44.7 36.2 54.4

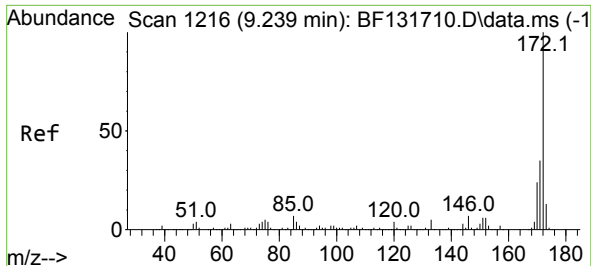


#42
2,4,6-Tribromophenol
Concen: 156.322 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF131776.D
Acq: 22 Dec 2022 14:37



Tgt Ion:330 Resp: 289426
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 37.9 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 98.883 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

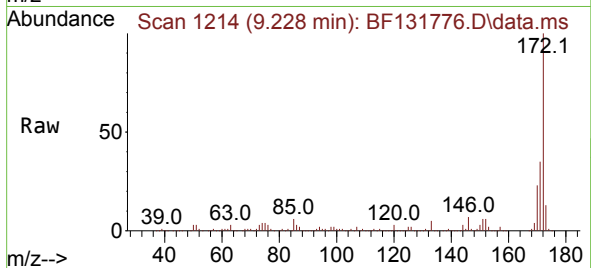
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Acq: 22 Dec 2022 14:37

Instrument :

BNA_F

ClientSampleId :



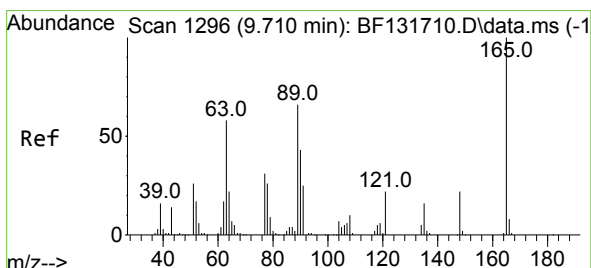
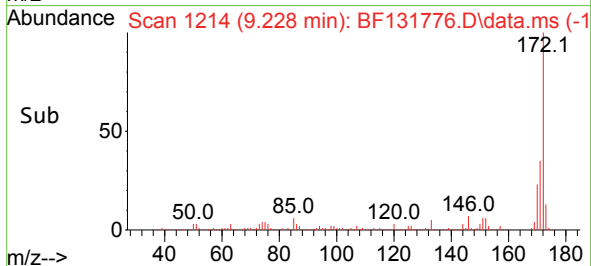
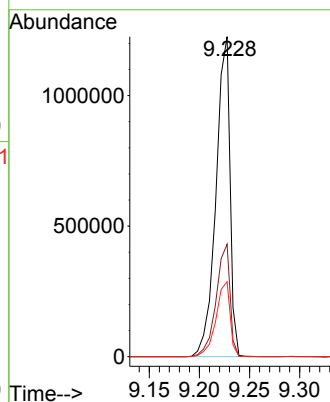
Tgt Ion:172 Resp: 1194056

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.4 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 8.032 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF131776.D

Acq: 22 Dec 2022 14:37

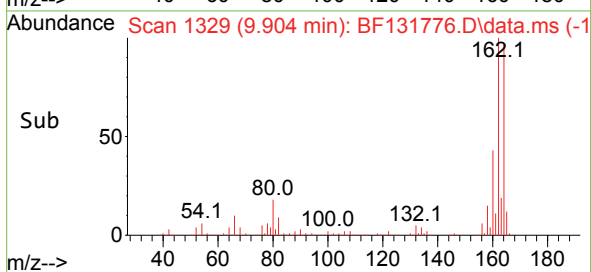
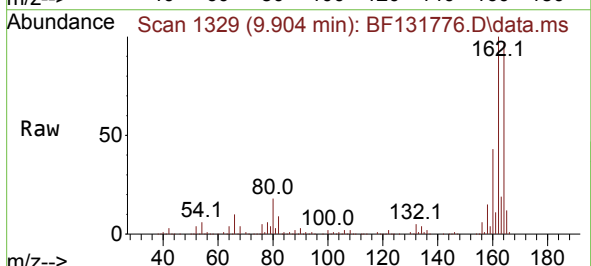
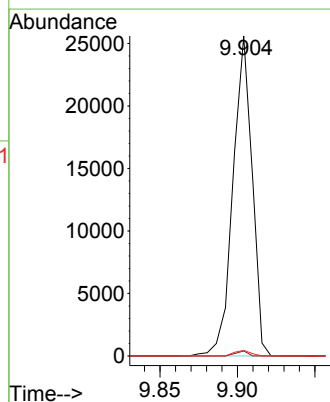
Tgt Ion:165 Resp: 21982

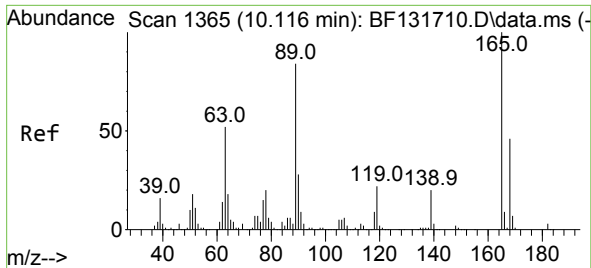
Ion Ratio Lower Upper

165 100

63 1.6 51.8 77.8#

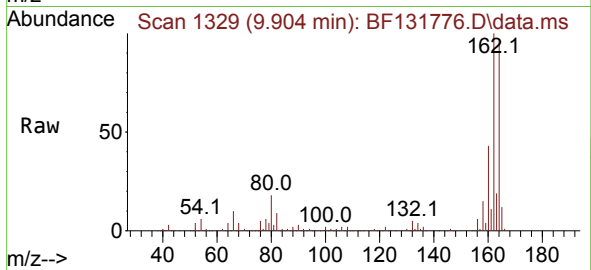
89 1.8 53.2 79.8#



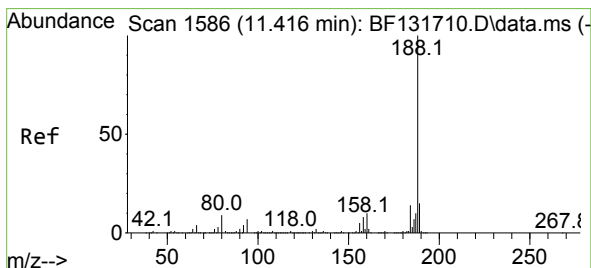
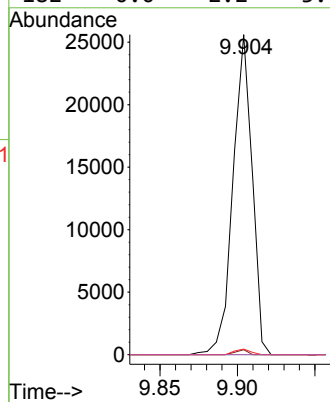
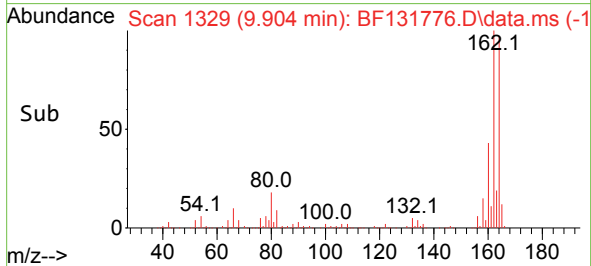


#57
2,4-Dinitrotoluene
Concen: 5.977 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131776.D
Acq: 22 Dec 2022 14:37

Instrument :
BNA_F
ClientSampleId :

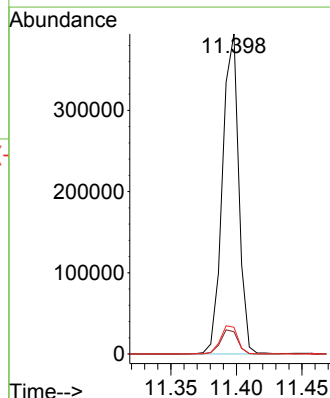
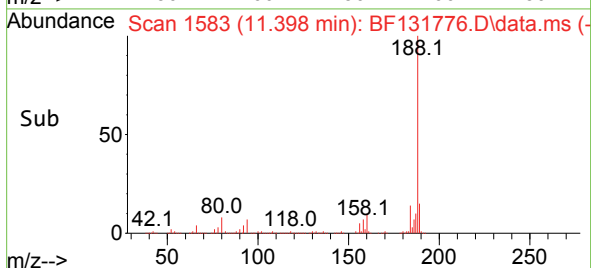
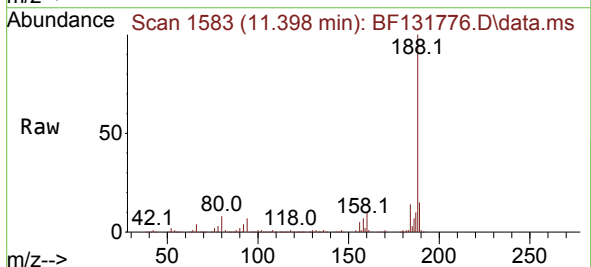


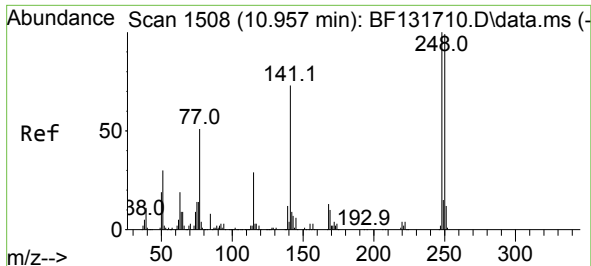
Tgt Ion:165 Resp: 21982
Ion Ratio Lower Upper
165 100
63 1.6 41.5 62.3#
89 1.8 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF131776.D
Acq: 22 Dec 2022 14:37

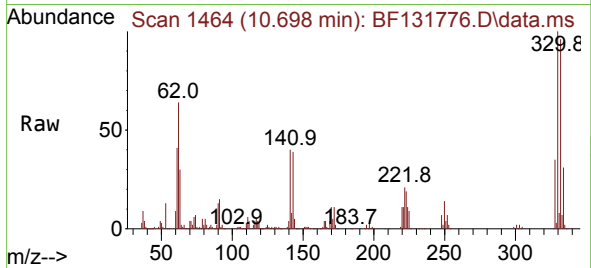
Tgt Ion:188 Resp: 340542
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 8.4 7.0 10.6



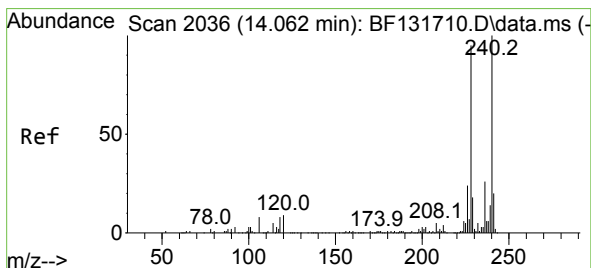
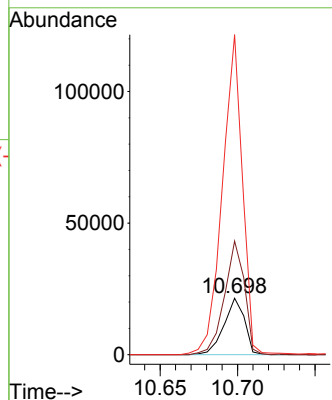
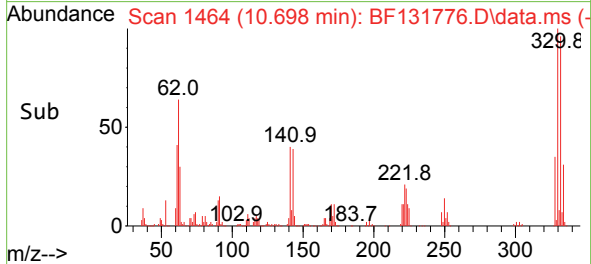


#67
4-Bromophenyl-phenylether
Concen: 4.931 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131776.D
Acq: 22 Dec 2022 14:37

Instrument :
BNA_F
ClientSampleId :

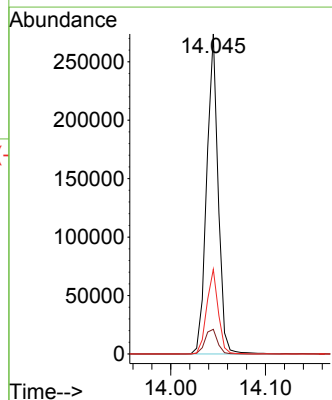
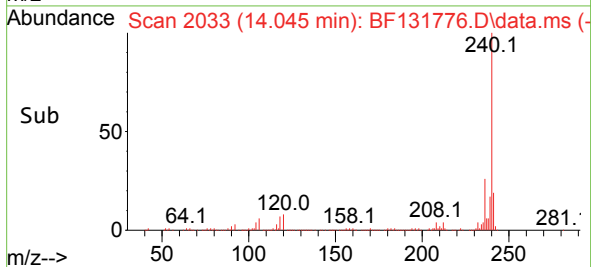
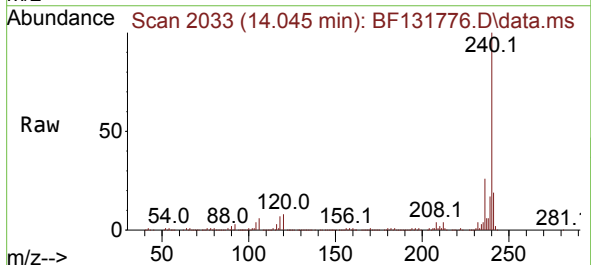


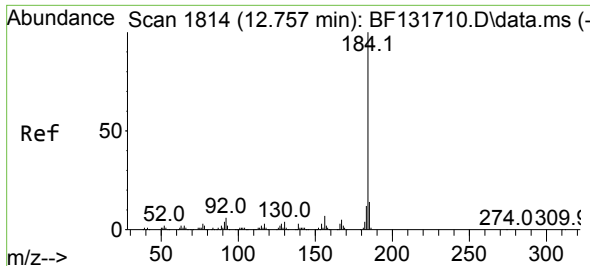
Tgt Ion:248 Resp: 19833
Ion Ratio Lower Upper
248 100
250 201.2 79.4 119.0#
141 566.9 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131776.D
Acq: 22 Dec 2022 14:37

Tgt Ion:240 Resp: 229809
Ion Ratio Lower Upper
240 100
120 7.7 7.6 11.4
236 26.5 21.2 31.8

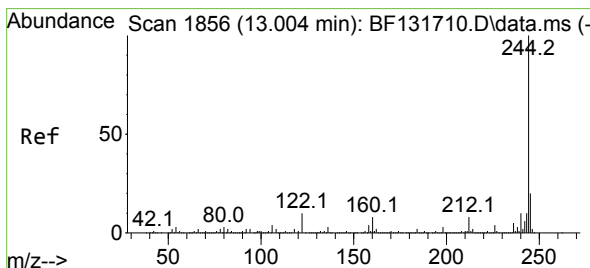
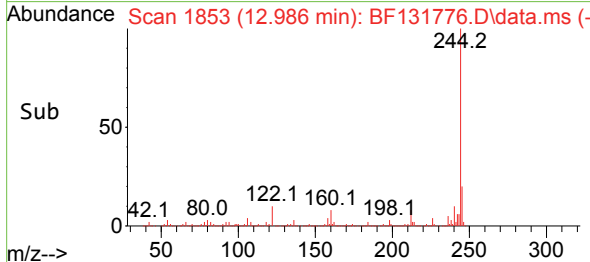
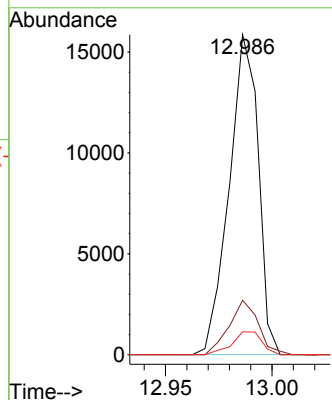
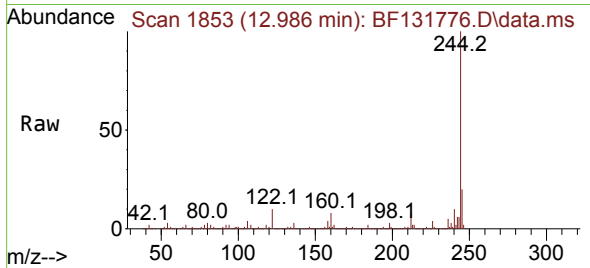




#77
Benzidine
Concen: 3.574 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF131776.D
Acq: 22 Dec 2022 14:37

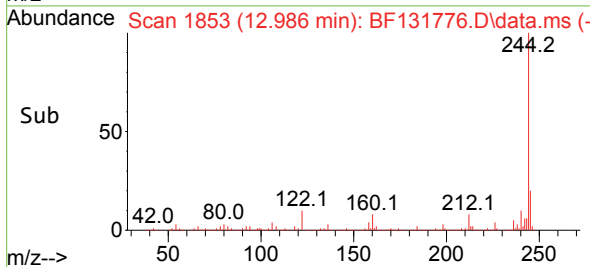
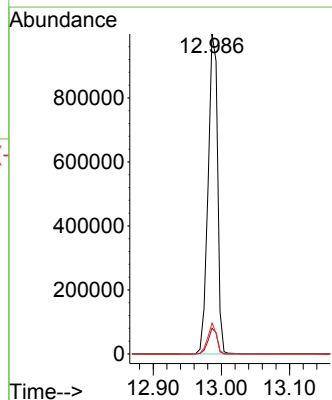
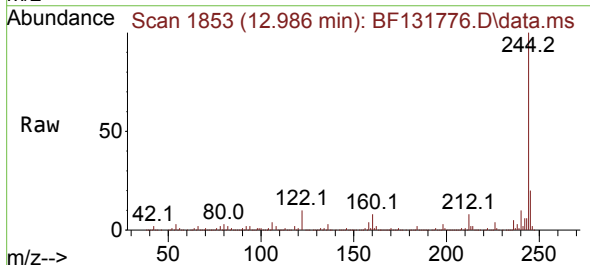
Instrument :
BNA_F
ClientSampleId :

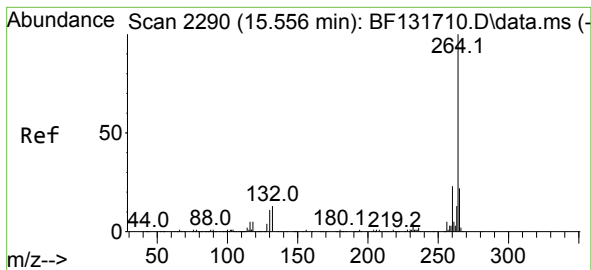
Tgt Ion:184 Resp: 15060
Ion Ratio Lower Upper
184 100
185 17.0 11.3 16.9#
183 7.1 9.3 13.9#



#79
Terphenyl-d14
Concen: 65.761 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF131776.D
Acq: 22 Dec 2022 14:37

Tgt Ion:244 Resp: 969660
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: BF131776.D
 Acq: 22 Dec 2022 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264 Resp: 183757
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.0 17.4 26.2

