

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130776.D
 Acq On : 25 Oct 2022 19:00
 Operator : CG\JU
 Sample : N5256-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 13:50:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

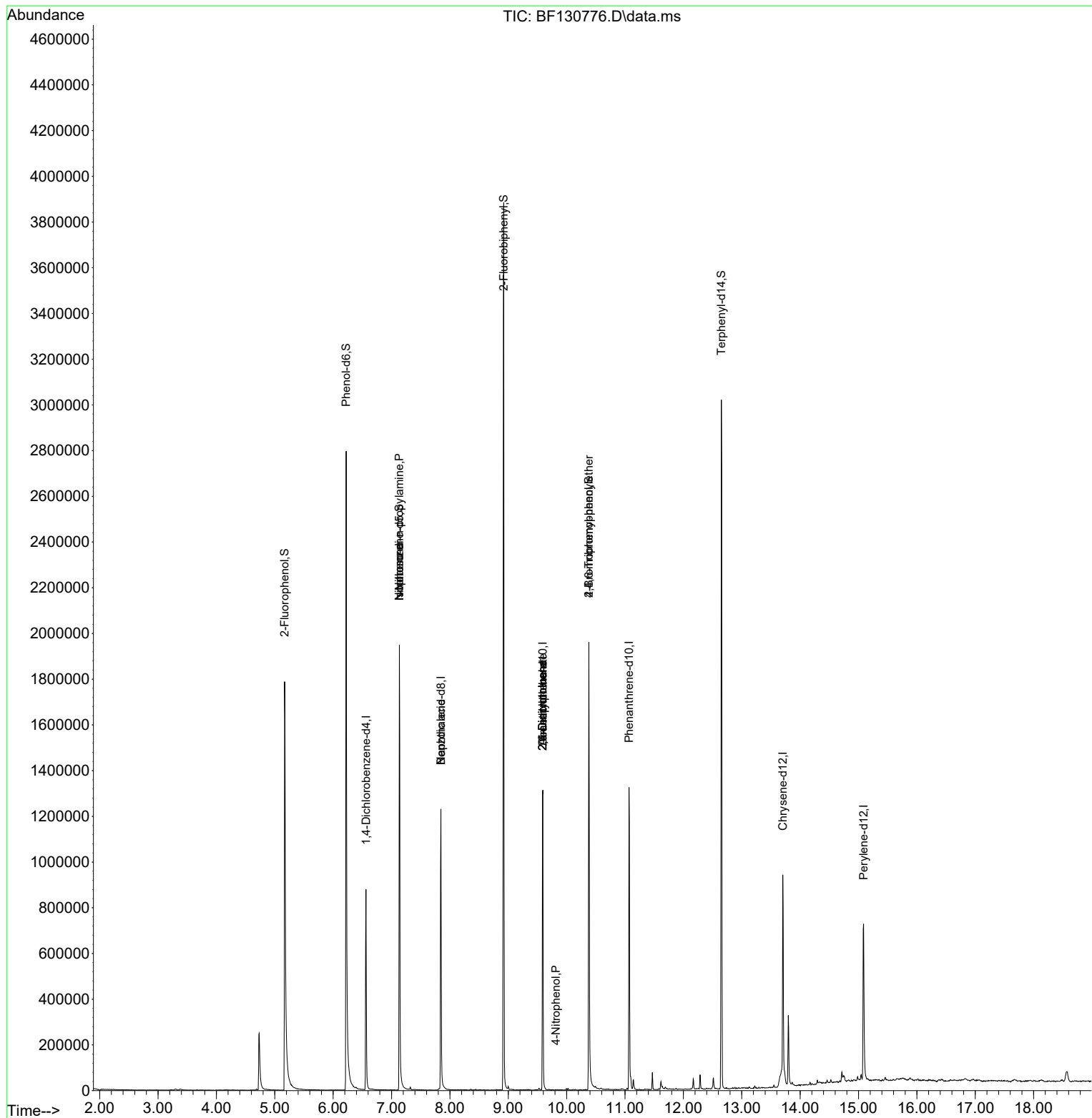
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	136287	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	566650	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	289657	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	480960	20.000	ng	# 0.00
76) Chrysene-d12	13.704	240	291433	20.000	ng	# 0.00
86) Perylene-d12	15.086	264	298835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.169	112	747619	94.594	ng	0.00
7) Phenol-d6	6.222	99	1100005	115.033	ng	0.00
23) Nitrobenzene-d5	7.134	82	661993	61.973	ng	0.00
42) 2,4,6-Tribromophenol	10.380	330	242443	88.013	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	1175090	61.823	ng	0.00
79) Terphenyl-d14	12.651	244	1039726	60.121	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.134	70	85661	13.257	ng	# 78
25) Isophorone	7.134	82	661988	37.614	ng	# 65
32) Benzoic acid	7.845	122	83	6.026	ng	# 1
50) Dimethylphthalate	9.592	163	53634	2.753	ng	# 1
51) 2,6-Dinitrotoluene	9.586	165	36983	8.476	ng	# 30
56) 4-Nitrophenol	9.816	139	363	4.957	ng	# 7
57) 2,4-Dinitrotoluene	9.586	165	36983	6.293	ng	# 27
67) 4-Bromophenyl-phenylether	10.380	248	14391	2.488	ng	# 1
77) Benzidine	12.651	184	14004	Below Cal		# 92

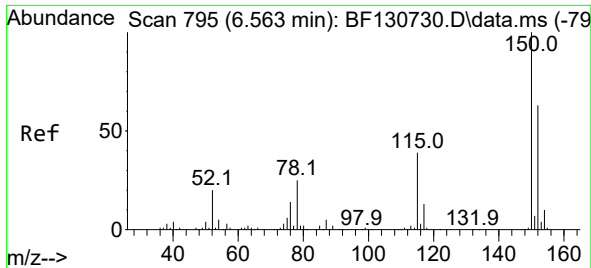
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
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ALS Vial : 12 Sample Multiplier: 1

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BNA_F
ClientSampleId :

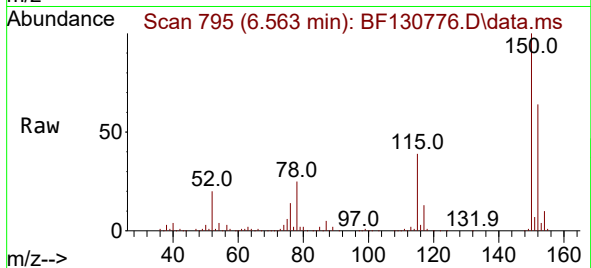
Quant Time: Oct 26 13:50:09 2022
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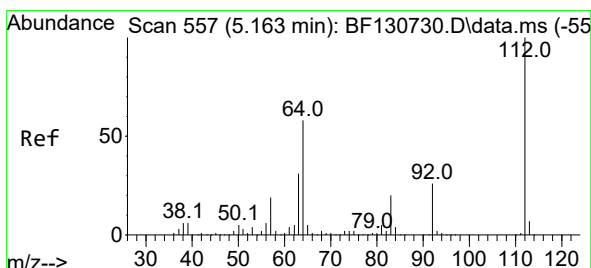
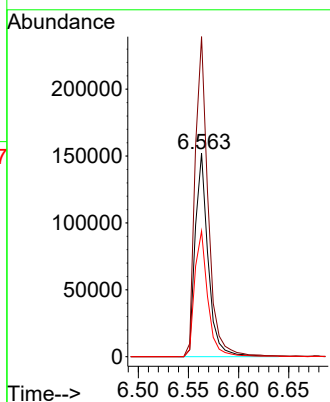
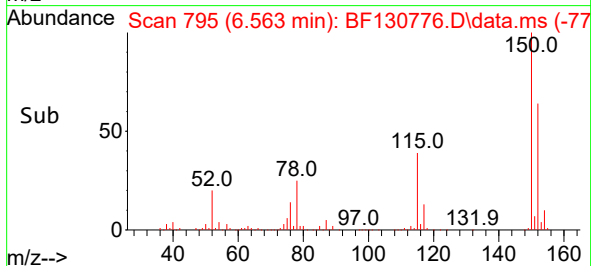


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00

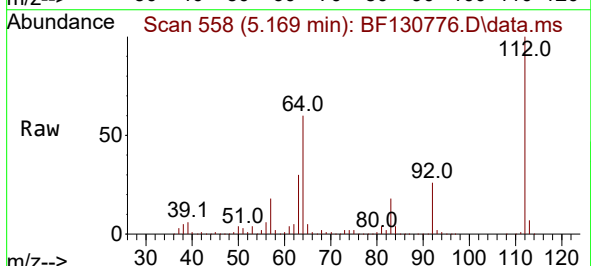
Instrument :
BNA_F
ClientSampleId :



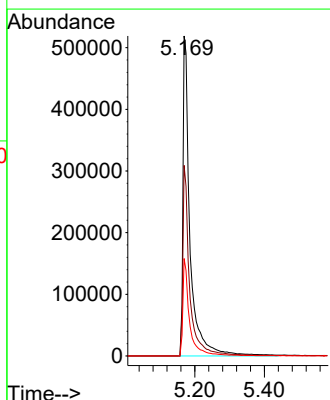
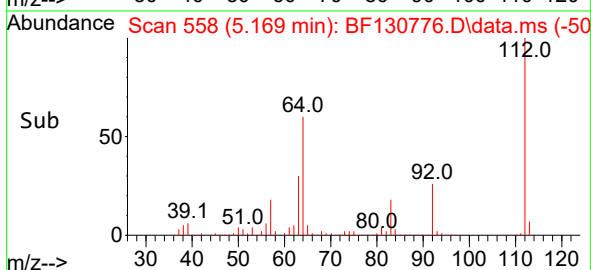
Tgt Ion:152 Resp: 136287
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 61.8 49.9 74.9

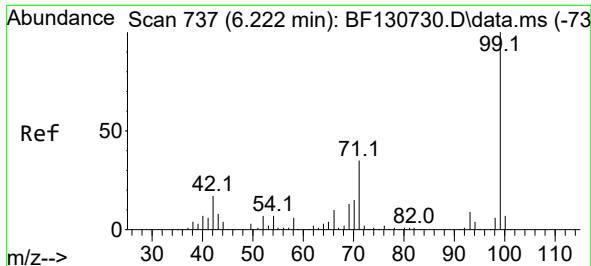


#5
2-Fluorophenol
Concen: 94.594 ng
RT: 5.169 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00



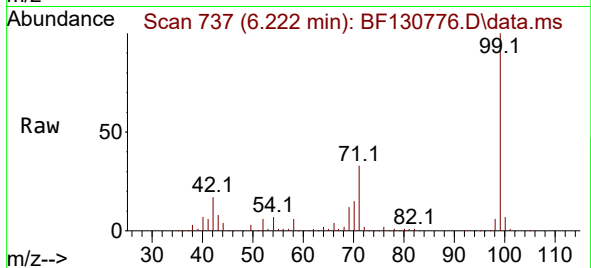
Tgt Ion:112 Resp: 747619
Ion Ratio Lower Upper
112 100
64 59.5 46.2 69.4
63 30.5 25.1 37.7



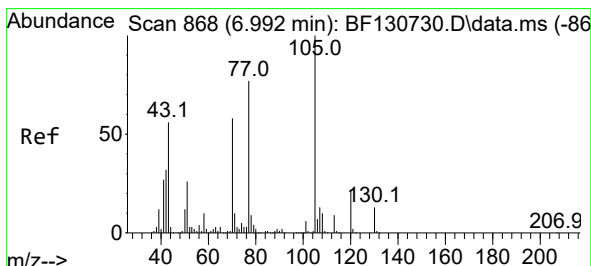
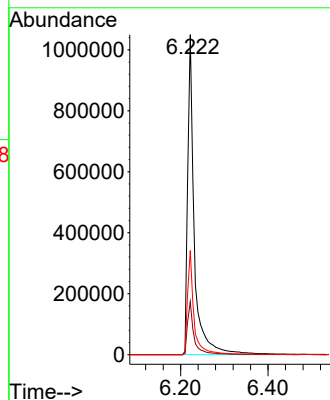
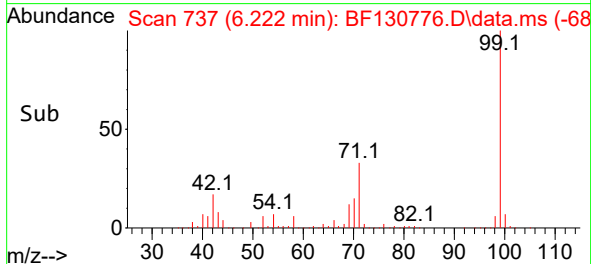


#7
Phenol-d6
Concen: 115.033 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00

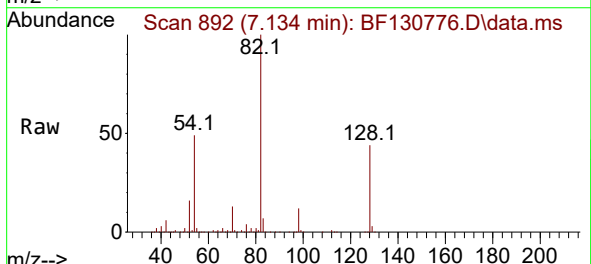
Instrument :
BNA_F
ClientSampleId :



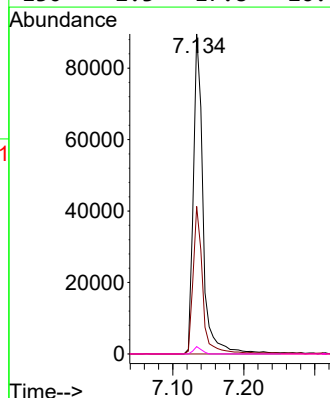
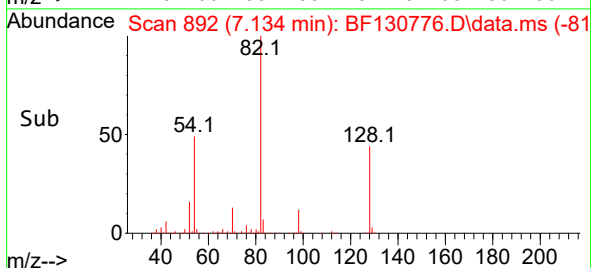
Tgt Ion: 99 Resp: 1100005
Ion Ratio Lower Upper
99 100
42 16.5 13.8 20.8
71 32.5 28.3 42.5

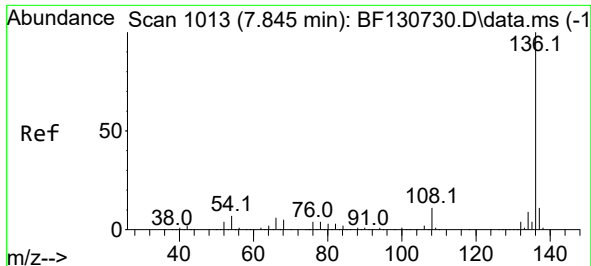


#19
n-Nitroso-di-n-propylamine
Concen: 13.257 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00



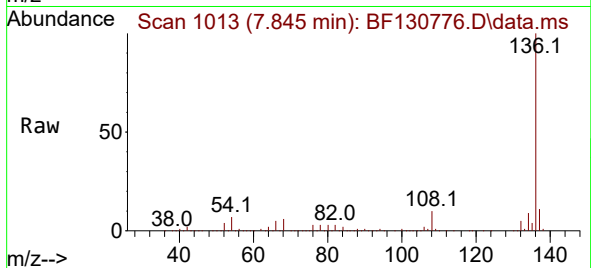
Tgt Ion: 70 Resp: 85661
Ion Ratio Lower Upper
70 100
42 46.1 44.1 66.1
101 0.0 8.3 12.5#
130 2.3 17.8 26.6#



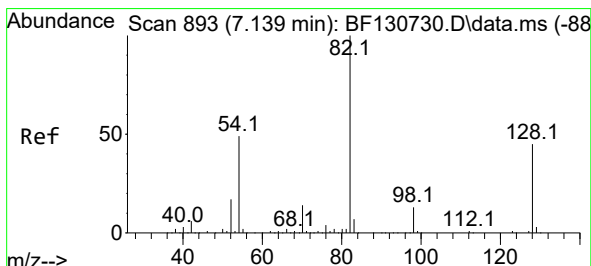
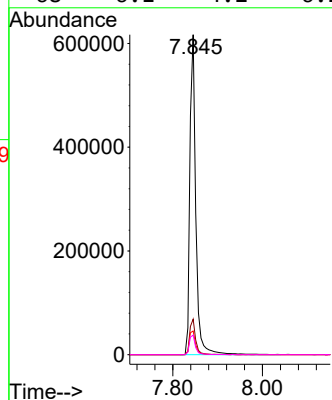
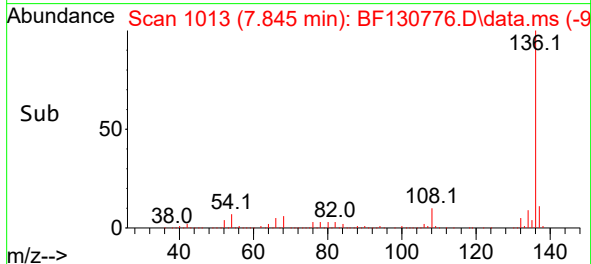


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00

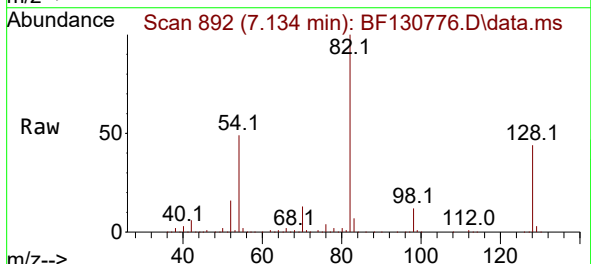
Instrument :
BNA_F
ClientSampleId :



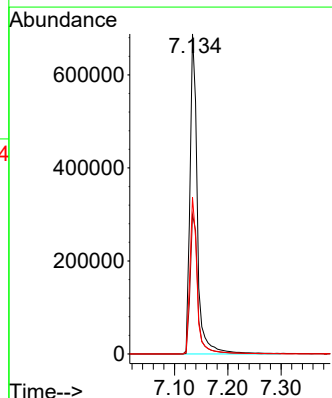
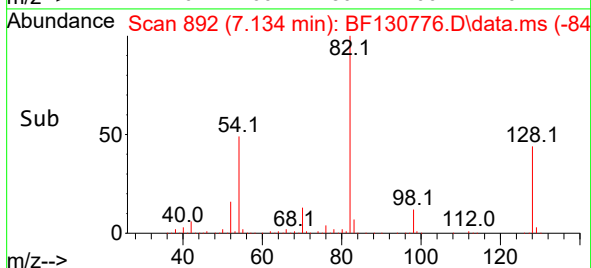
Tgt Ion:136 Resp: 566650
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.4 5.8 8.8
68 6.1 4.2 6.2

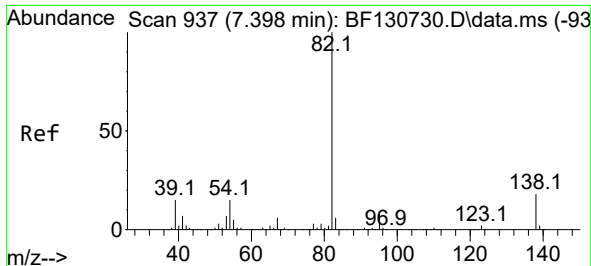


#23
Nitrobenzene-d5
Concen: 61.973 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.005 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00



Tgt Ion: 82 Resp: 661993
Ion Ratio Lower Upper
82 100
128 43.6 35.9 53.9
54 48.9 39.2 58.8

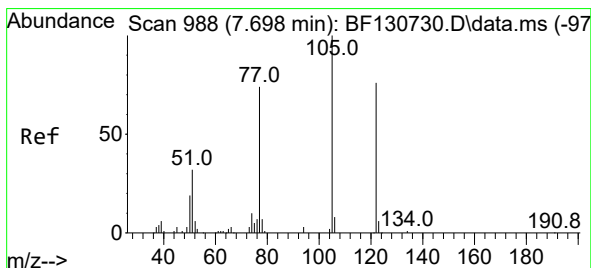
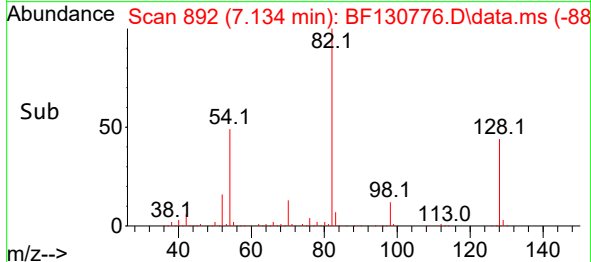
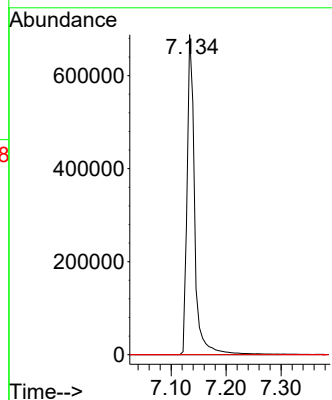
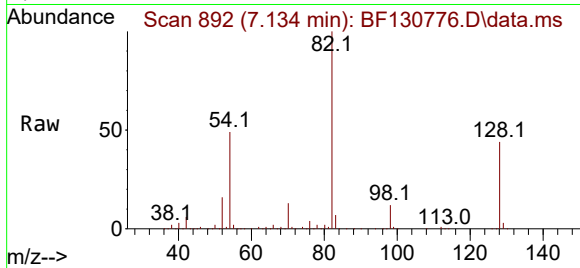




#25
Isophorone
Concen: 37.614 ng
RT: 7.134 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00

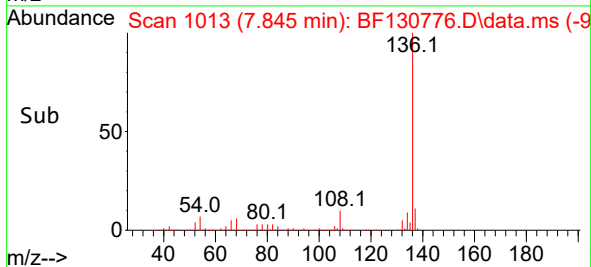
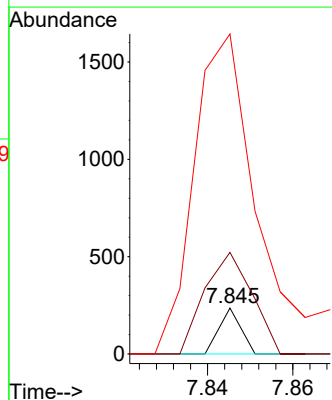
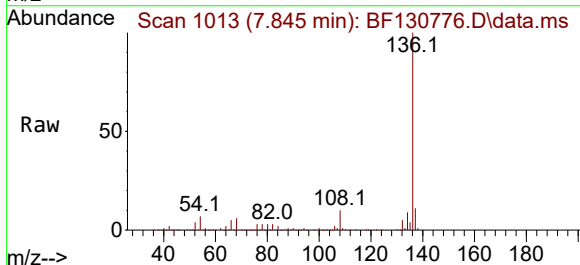
Instrument :
BNA_F
ClientSampleId :

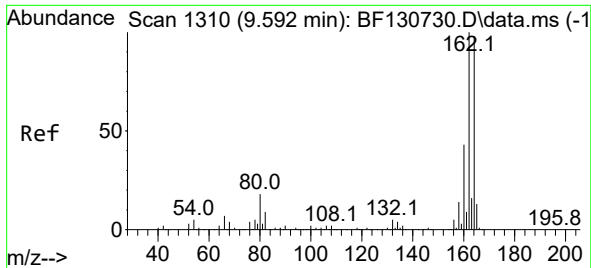
Tgt Ion: 82 Resp: 661988
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.026 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.147 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00

Tgt Ion:122 Resp: 83
Ion Ratio Lower Upper
122 100
105 221.2 109.2 149.2#
77 696.6 75.7 115.7#

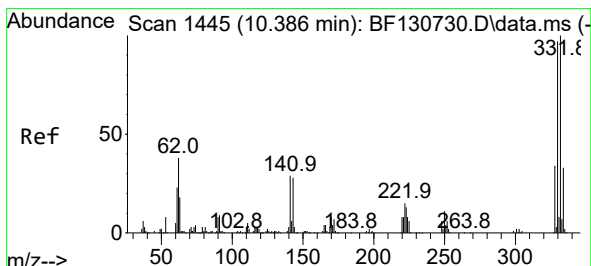
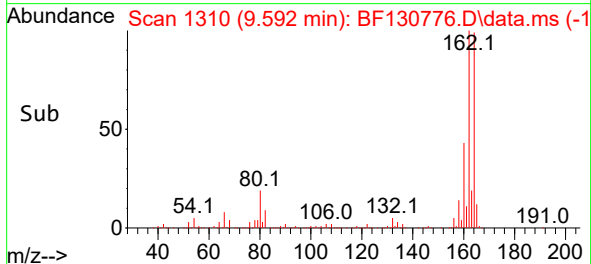
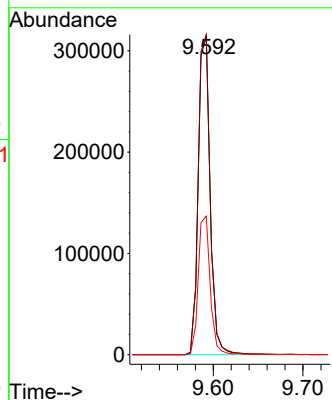
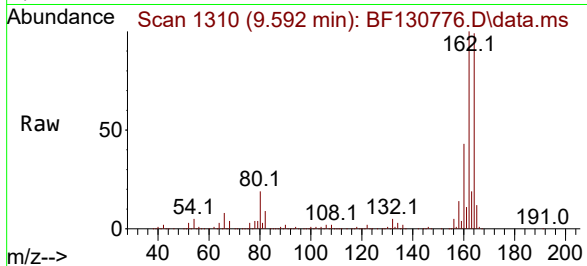




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00

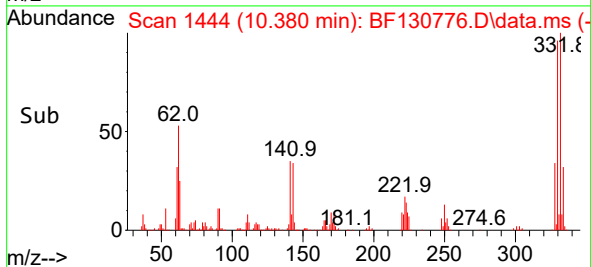
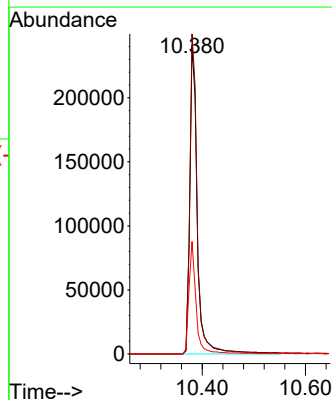
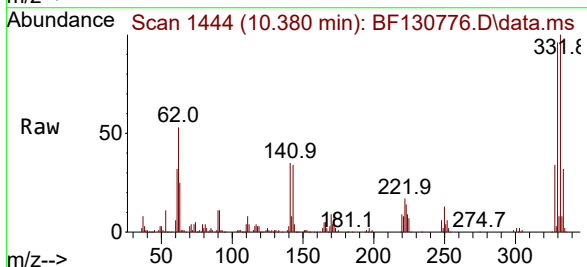
Instrument :
BNA_F
ClientSampleId :

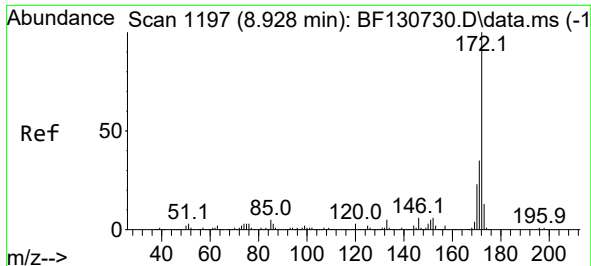
Tgt Ion:164 Resp: 289657
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 43.6 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 88.013 ng
RT: 10.380 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00

Tgt Ion:330 Resp: 242443
Ion Ratio Lower Upper
330 100
332 103.5 81.4 122.2
141 34.7 24.6 37.0

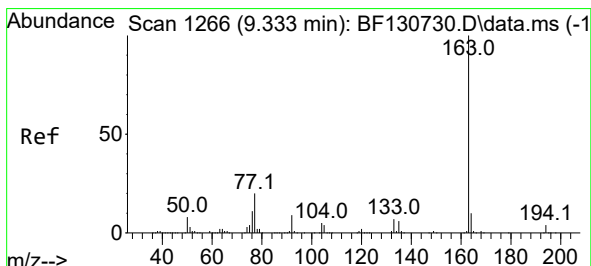
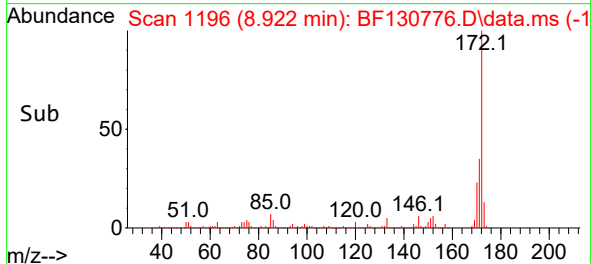
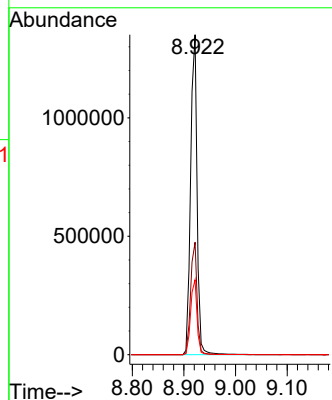
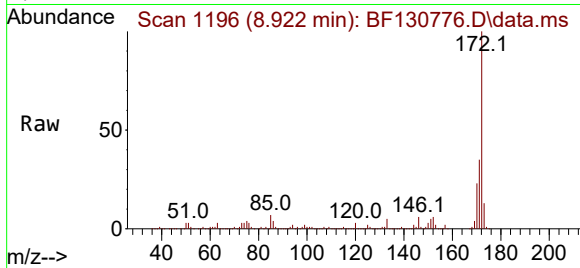




#45
2-Fluorobiphenyl
Concen: 61.823 ng
RT: 8.922 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00

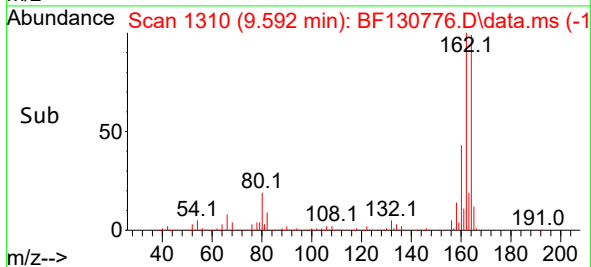
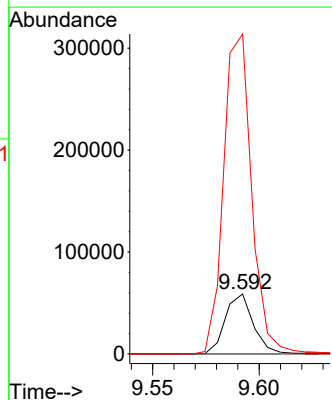
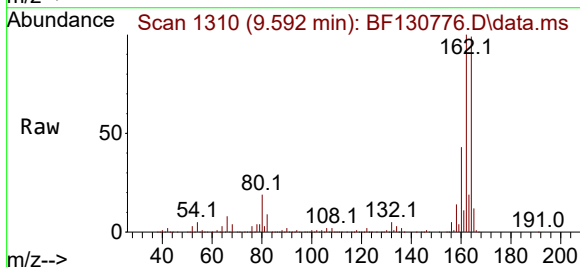
Instrument :
BNA_F
ClientSampleId :

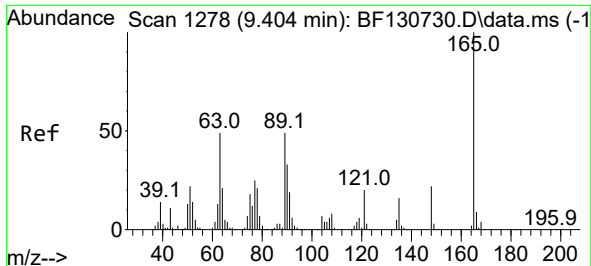
Tgt Ion:172 Resp: 1175090
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.4 18.5 27.7



#50
Dimethylphthalate
Concen: 2.753 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00

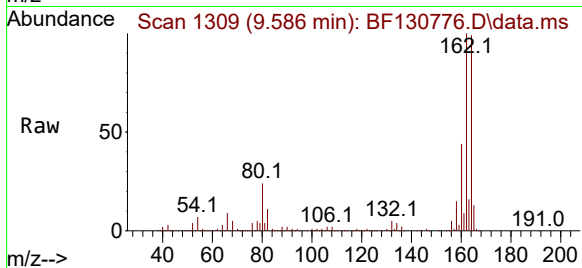
Tgt Ion:163 Resp: 53634
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 533.3 8.1 12.1#



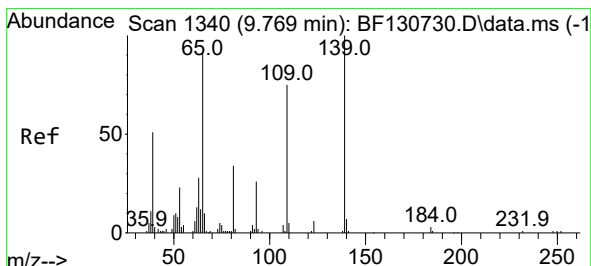
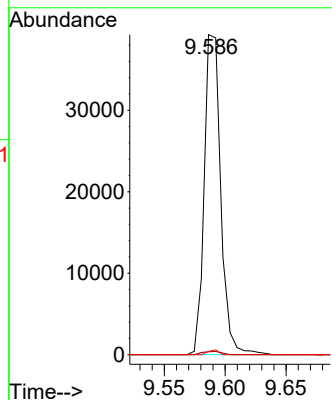
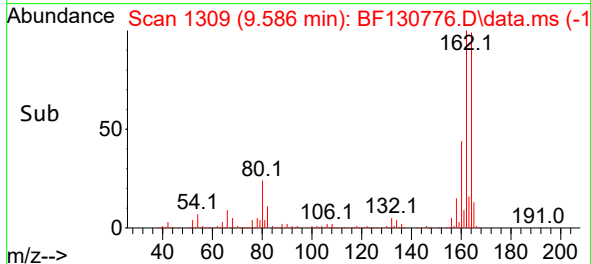


#51
2,6-Dinitrotoluene
Concen: 8.476 ng
RT: 9.586 min Scan# 11
Delta R.T. 0.182 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00

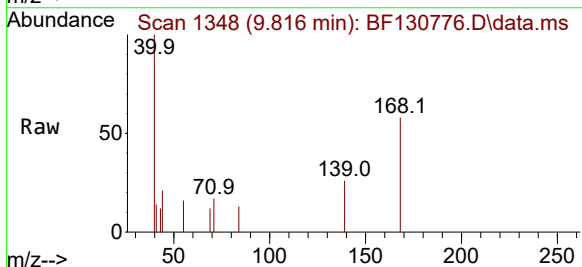
Instrument :
BNA_F
ClientSampleId :



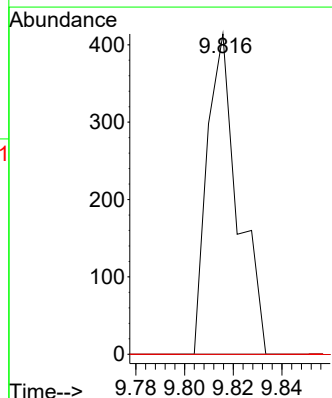
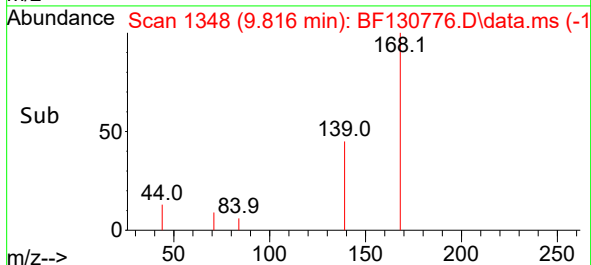
Tgt Ion:165 Resp: 36983
Ion Ratio Lower Upper
165 100
63 0.9 38.8 58.2#
89 1.0 39.4 59.2#

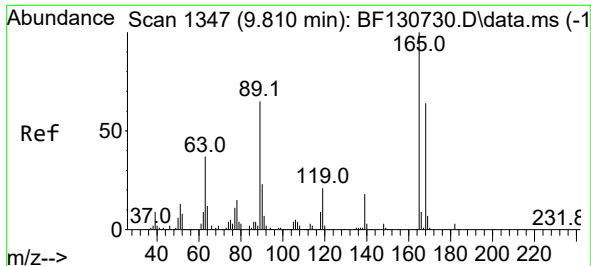


#56
4-Nitrophenol
Concen: 4.957 ng
RT: 9.816 min Scan# 1348
Delta R.T. 0.047 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00



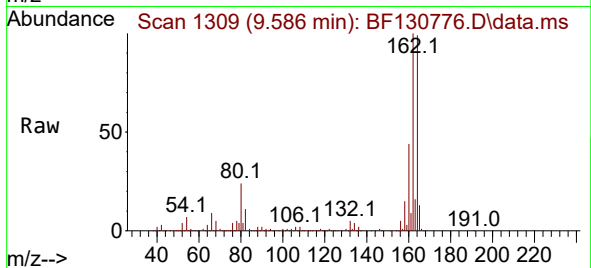
Tgt Ion:139 Resp: 363
Ion Ratio Lower Upper
139 100
109 0.0 55.1 95.1#
65 0.0 72.2 112.2#



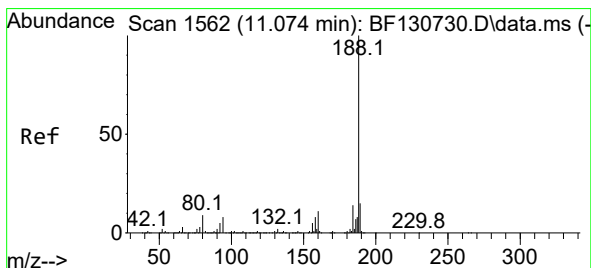
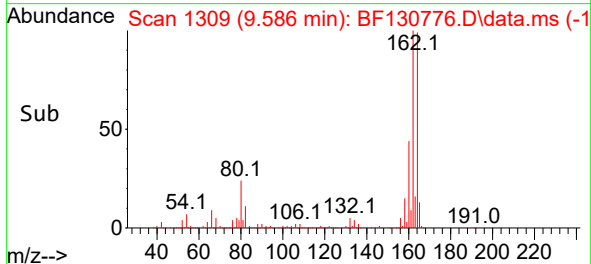
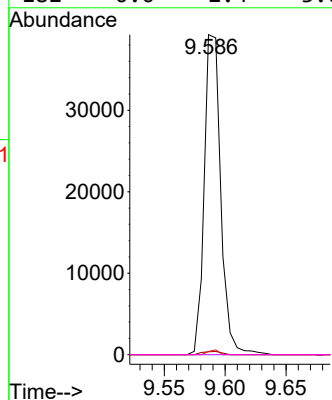


#57
2,4-Dinitrotoluene
Concen: 6.293 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00

Instrument :
BNA_F
ClientSampleId :

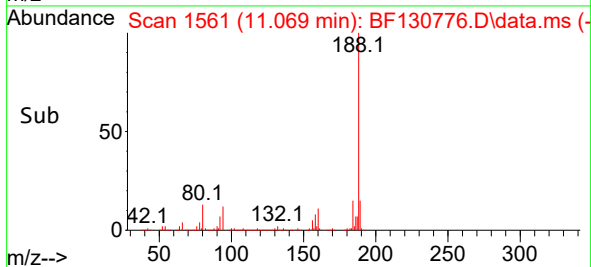
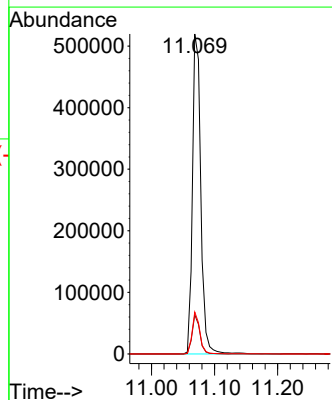
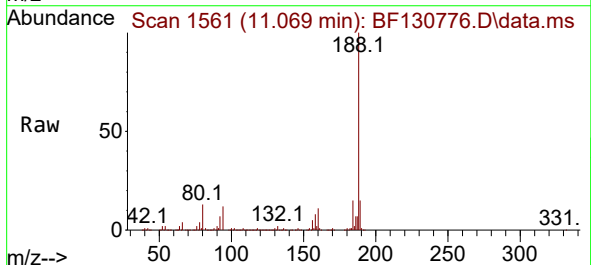


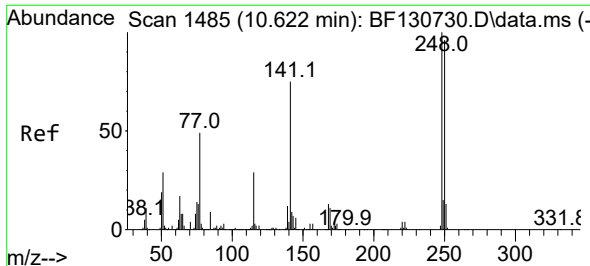
Tgt Ion:165 Resp: 36983
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.0 51.9 77.9#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.069 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00

Tgt Ion:188 Resp: 480960
Ion Ratio Lower Upper
188 100
94 12.2 6.7 10.1#
80 13.1 7.4 11.0#

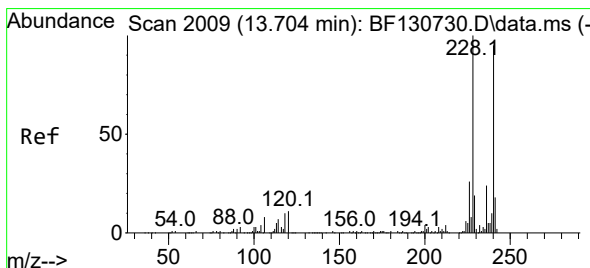
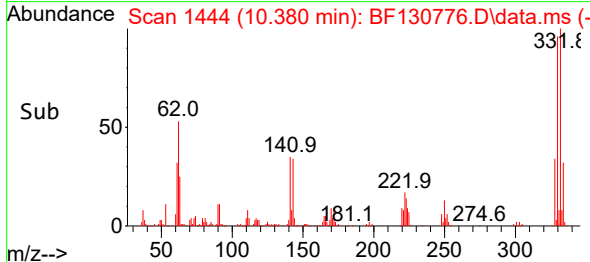
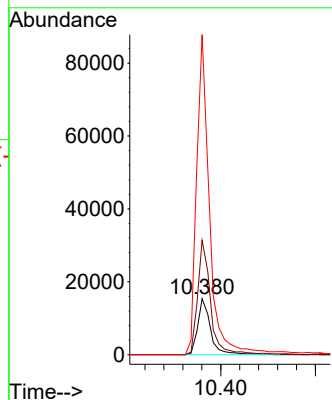
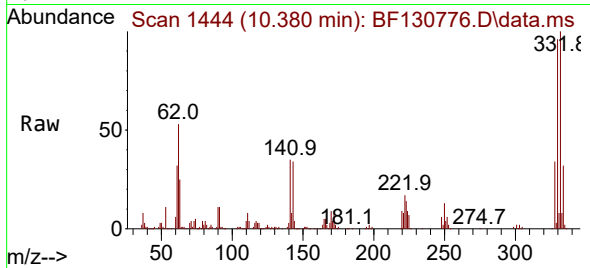




#67
4-Bromophenyl-phenylether
Concen: 2.488 ng
RT: 10.380 min Scan# 1485
Delta R.T. -0.241 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00

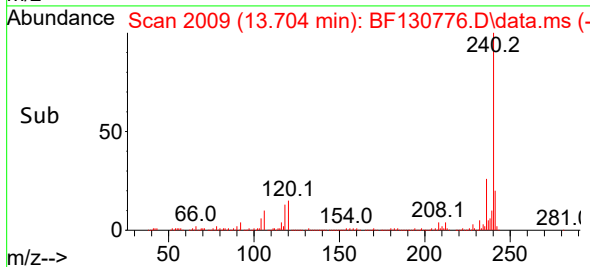
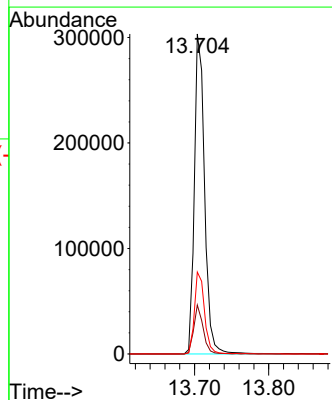
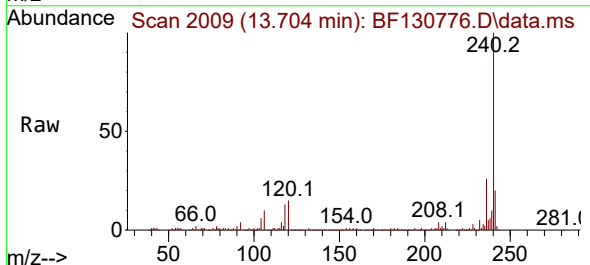
Instrument :
BNA_F
ClientSampleId :

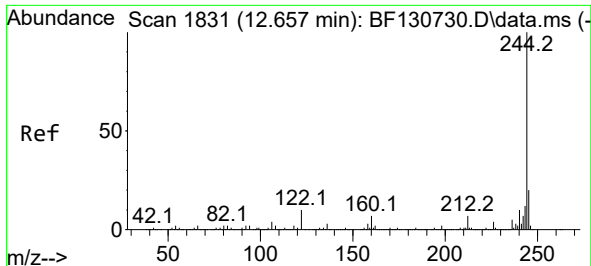
Tgt Ion:248 Resp: 14391
Ion Ratio Lower Upper
248 100
250 204.4 77.0 115.6#
141 571.5 60.1 90.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF130776.D
Acq: 25 Oct 2022 19:00

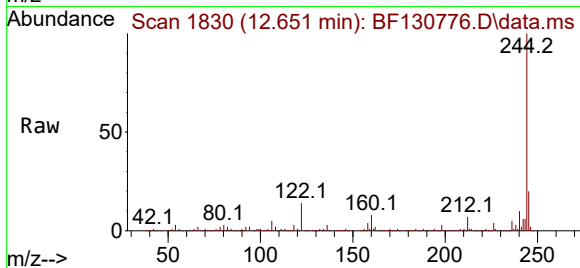
Tgt Ion:240 Resp: 291433
Ion Ratio Lower Upper
240 100
120 15.3 9.6 14.4#
236 25.6 20.2 30.2



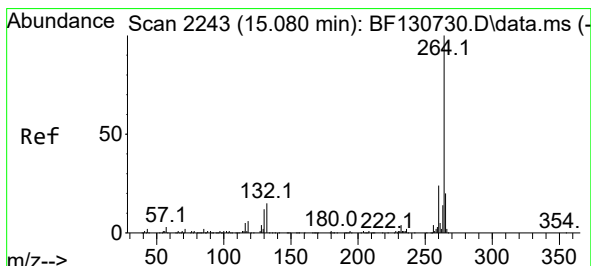
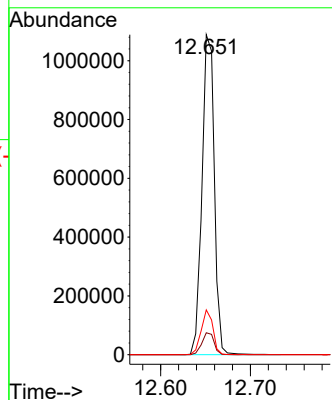
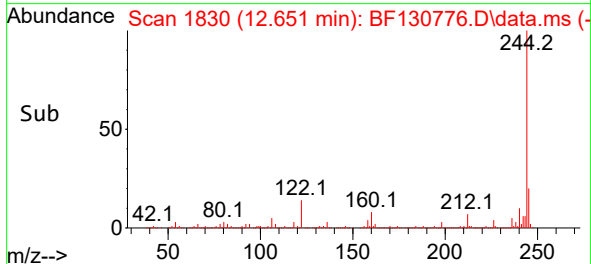


#79
 Terphenyl-d14
 Concen: 60.121 ng
 RT: 12.651 min Scan# 1830
 Delta R.T. -0.006 min
 Lab File: BF130776.D
 Acq: 25 Oct 2022 19:00

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1039726
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.0 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 2244
 Delta R.T. 0.006 min
 Lab File: BF130776.D
 Acq: 25 Oct 2022 19:00

Tgt Ion:264 Resp: 298835
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.0 16.2 24.4

