

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
 Data File : BF130720.D
 Acq On : 19 Oct 2022 20:01
 Operator : CG\JU
 Sample : N5176-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5236-2

Quant Time: Oct 20 02:46:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

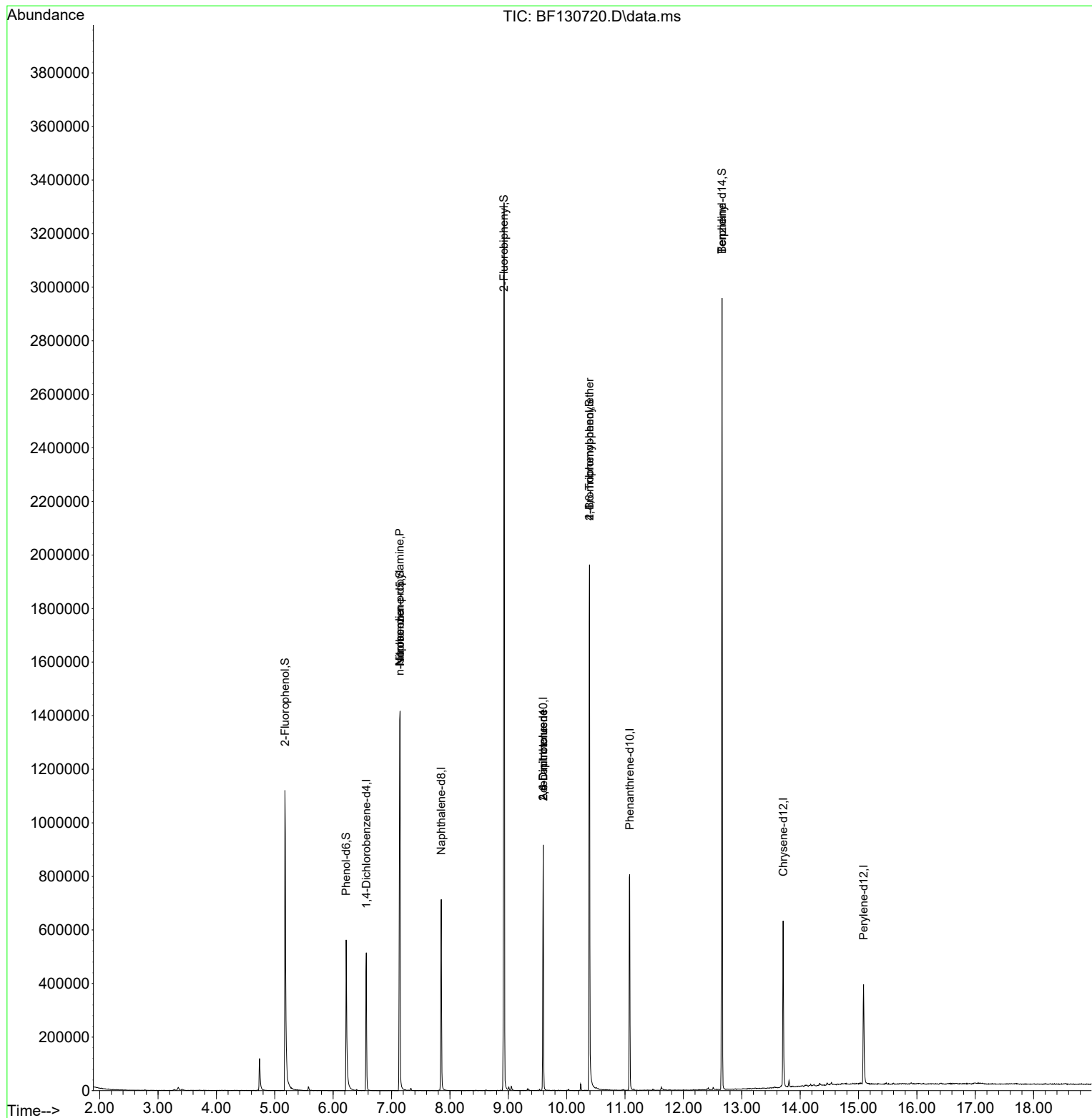
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.569	152	81286	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	332572	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	183918	20.000	ng	-0.01
64) Phenanthrene-d10	11.080	188	326019	20.000	ng	# 0.00
76) Chrysene-d12	13.710	240	205591	20.000	ng	-0.01
86) Perylene-d12	15.086	264	164609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	400356	88.780	ng	0.00
7) Phenol-d6	6.222	99	229955	40.559	ng	0.00
23) Nitrobenzene-d5	7.145	82	552249	90.650	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	271858	151.064	ng	0.00
45) 2-Fluorobiphenyl	8.928	172	1113816	91.734	ng	-0.01
79) Terphenyl-d14	12.663	244	973808	78.615	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.139	70	73380	20.060	ng	# 76
25) Isophorone	7.145	82	552245	54.466	ng	# 64
51) 2,6-Dinitrotoluene	9.598	165	23230	8.318	ng	# 24
57) 2,4-Dinitrotoluene	9.598	165	23230	6.472	ng	# 14
67) 4-Bromophenyl-phenylether	10.392	248	16139	4.375	ng	# 1
77) Benzidine	12.663	184	12993	2.500	ng	# 96

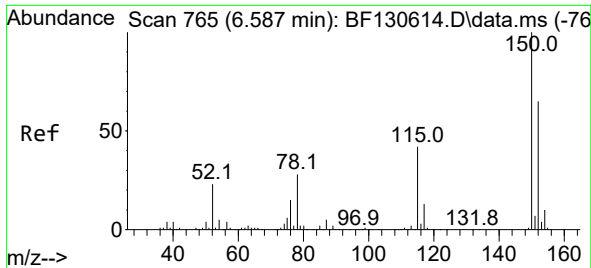
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 20 02:46:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

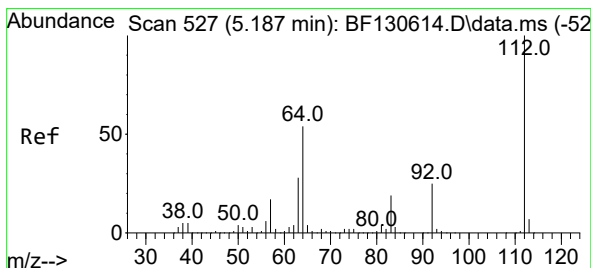
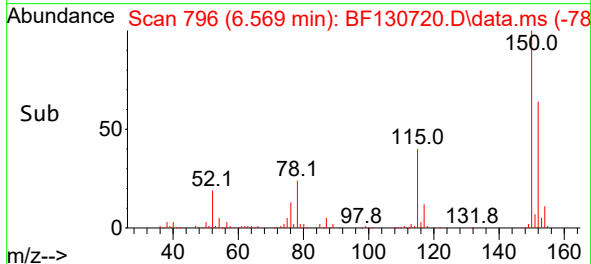
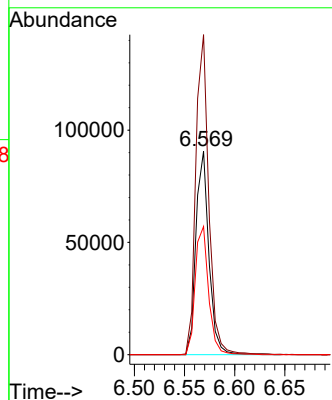
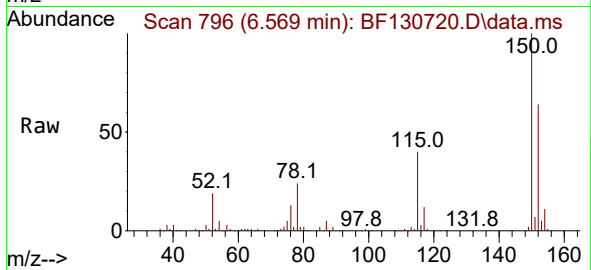




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.569 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

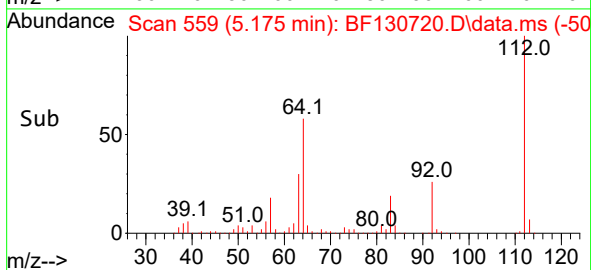
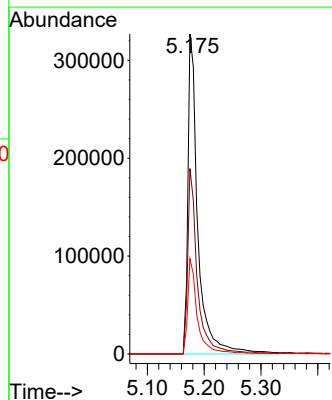
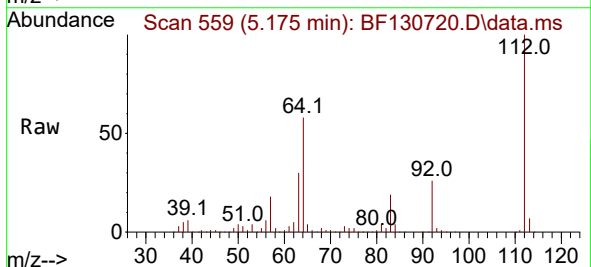
Instrument :
BNA_F
ClientSampleId :
5236-2

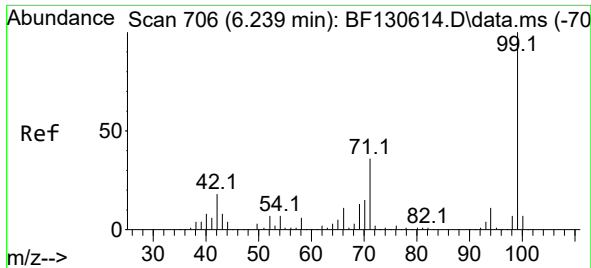
Tgt Ion:152 Resp: 81286
Ion Ratio Lower Upper
152 100
150 157.3 123.8 185.6
115 63.0 52.2 78.4



#5
2-Fluorophenol
Concen: 88.780 ng
RT: 5.175 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

Tgt Ion:112 Resp: 400356
Ion Ratio Lower Upper
112 100
64 58.0 43.5 65.3
63 29.7 22.6 34.0

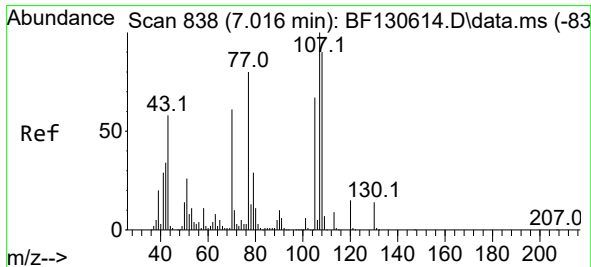
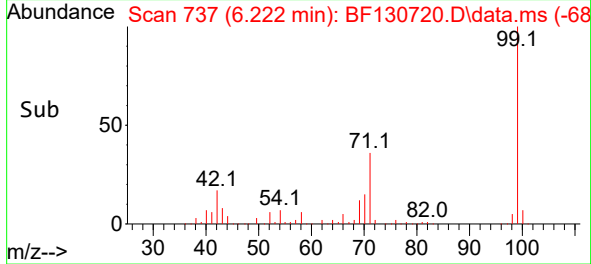
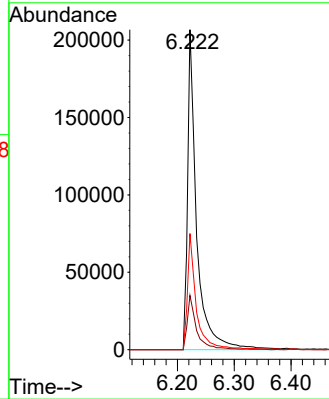
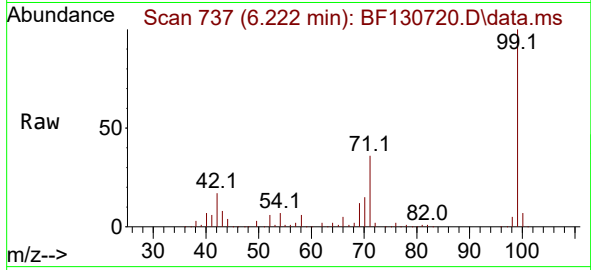




#7
Phenol-d6
Concen: 40.559 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

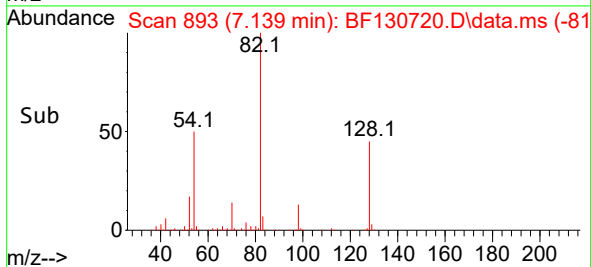
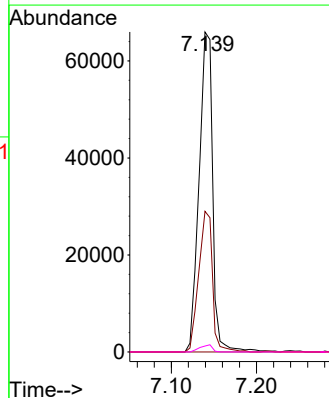
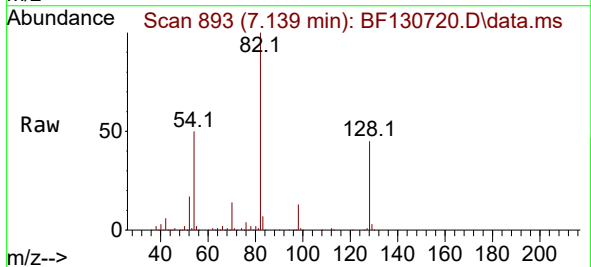
Instrument :
BNA_F
ClientSampleId :
5236-2

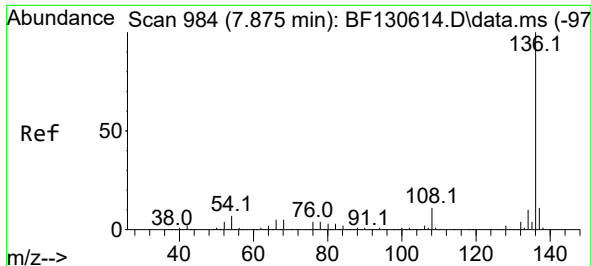
Tgt Ion: 99 Resp: 229955
Ion Ratio Lower Upper
99 100
42 16.9 14.0 21.0
71 36.3 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.060 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

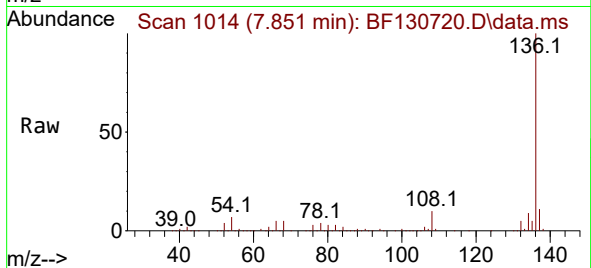
Tgt Ion: 70 Resp: 73380
Ion Ratio Lower Upper
70 100
42 44.0 44.3 66.5#
101 0.0 7.9 11.9#
130 1.9 18.1 27.1#



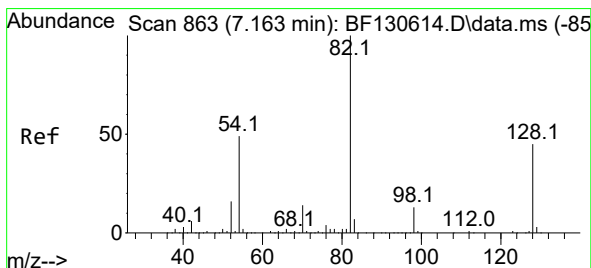
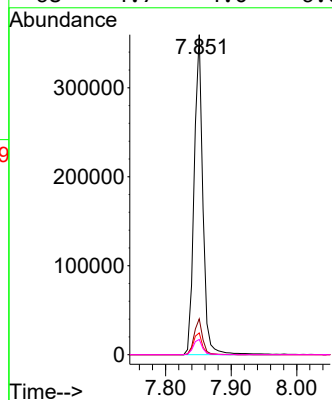
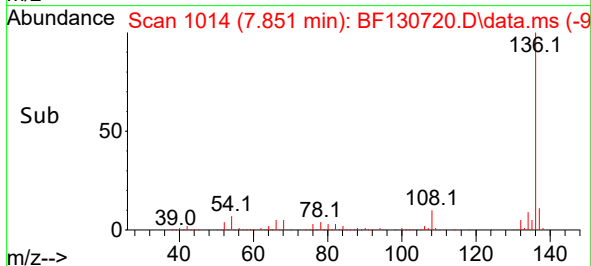


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.851 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

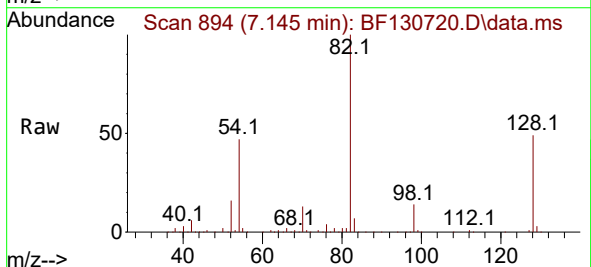
Instrument :
BNA_F
ClientSampleId :
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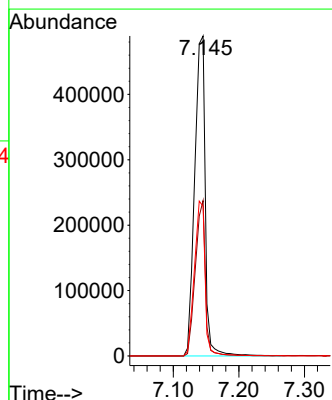
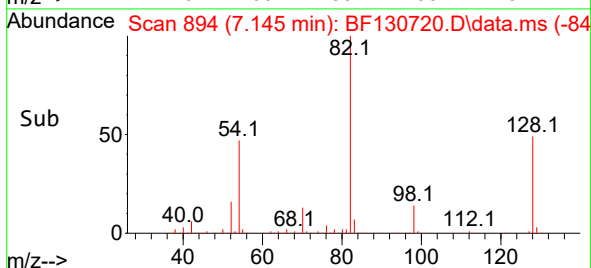
Tgt Ion:136 Resp: 332572
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.8 5.5 8.3
68 4.7 4.0 6.0

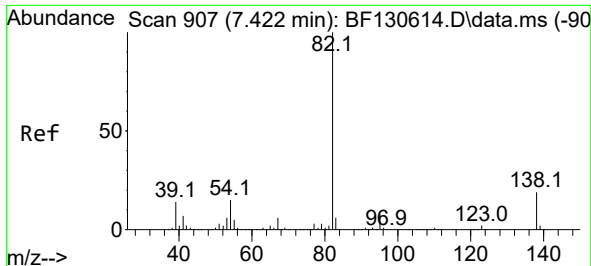


#23
Nitrobenzene-d5
Concen: 90.650 ng
RT: 7.145 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01



Tgt Ion: 82 Resp: 552249
Ion Ratio Lower Upper
82 100
128 48.6 35.8 53.6
54 46.8 39.3 58.9

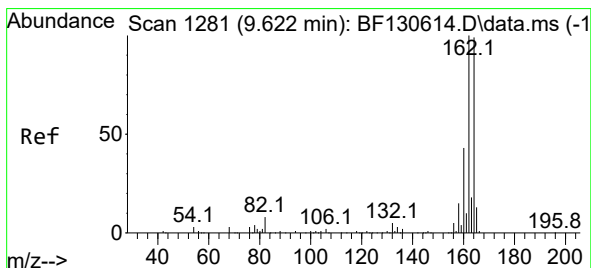
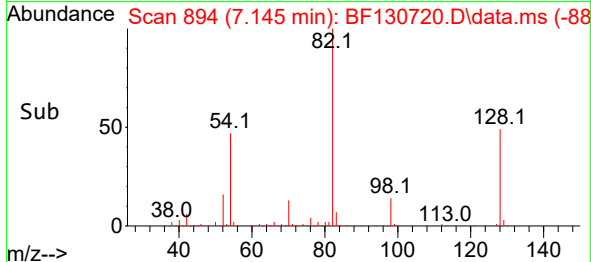
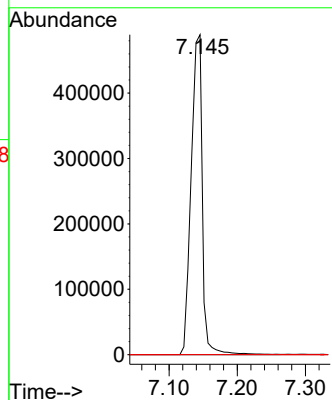
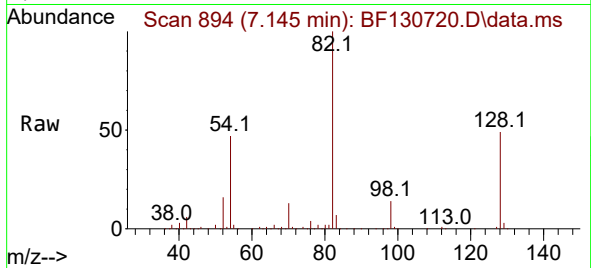




#25
Isophorone
Concen: 54.466 ng
RT: 7.145 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

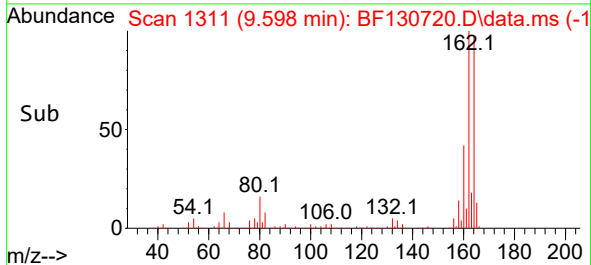
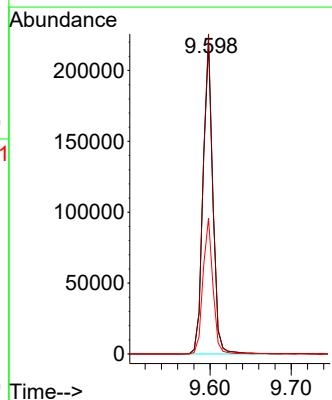
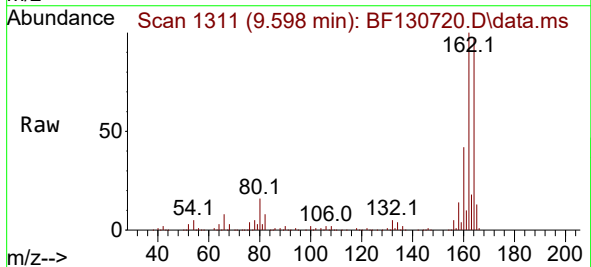
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ClientSampleId :
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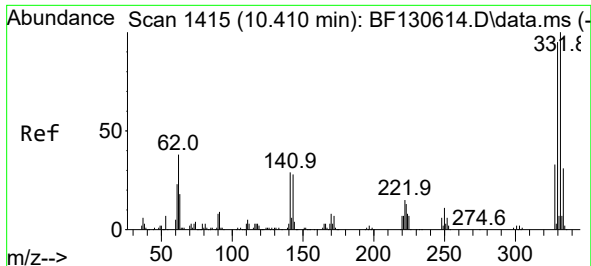
Tgt Ion: 82 Resp: 552245
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.598 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

Tgt Ion:164 Resp: 183918
Ion Ratio Lower Upper
164 100
162 102.9 81.0 121.4
160 43.7 34.5 51.7

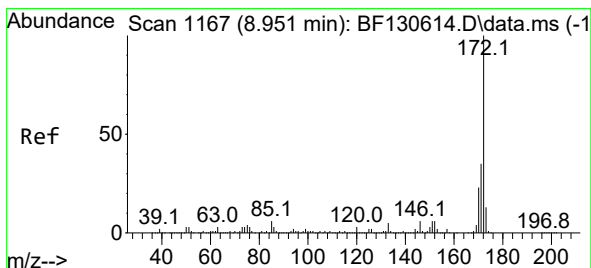
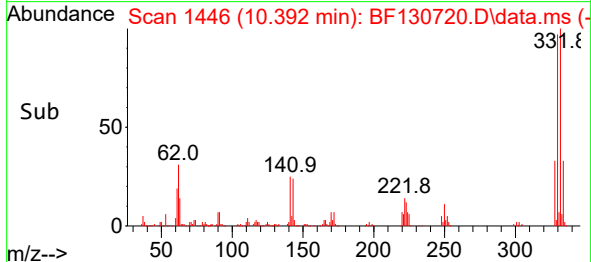
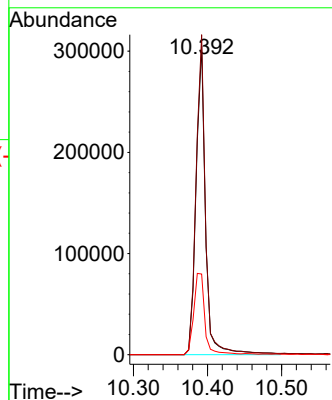
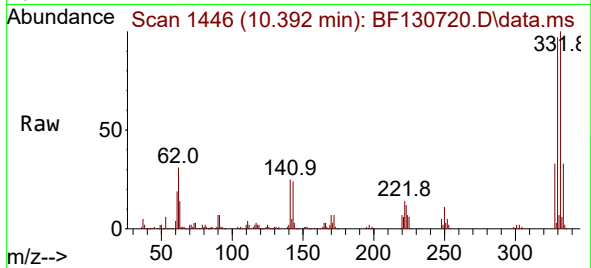




#42
2,4,6-Tribromophenol
Concen: 151.064 ng
RT: 10.392 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

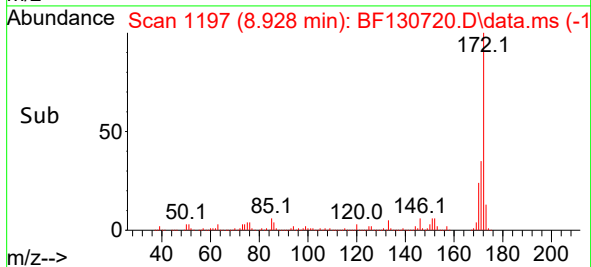
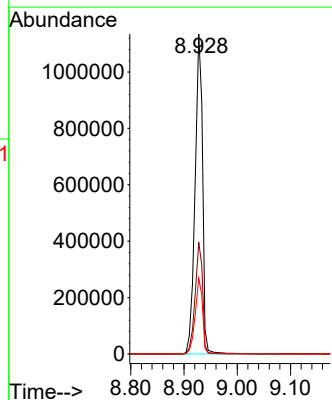
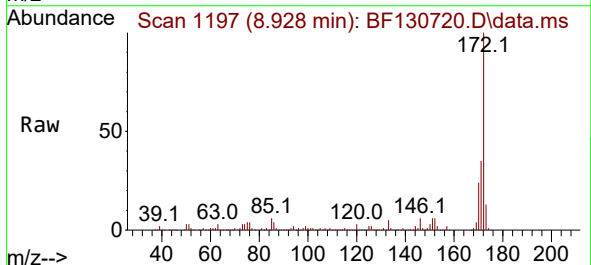
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ClientSampleId :
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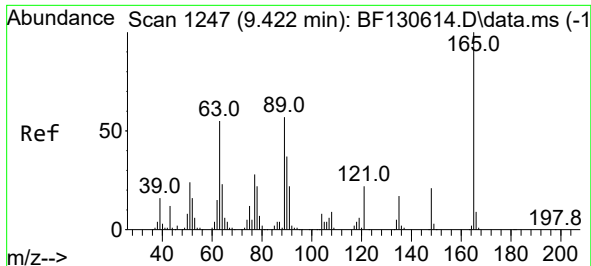
Tgt Ion:330 Resp: 271858
Ion Ratio Lower Upper
330 100
332 104.9 84.2 126.4
141 30.6 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 91.734 ng
RT: 8.928 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

Tgt Ion:172 Resp: 1113816
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.6 18.6 27.8

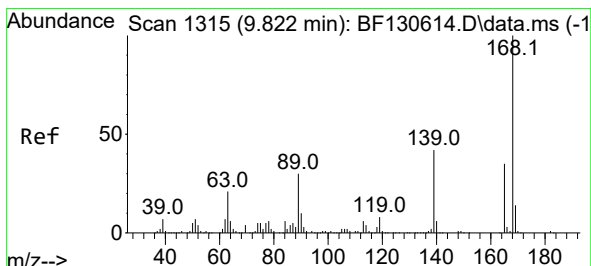
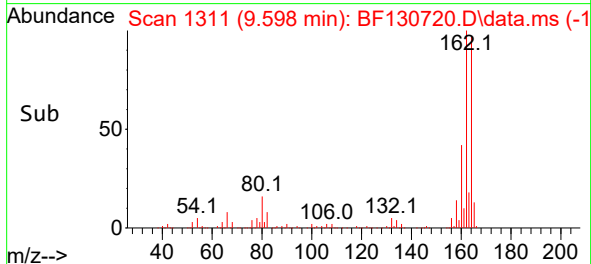
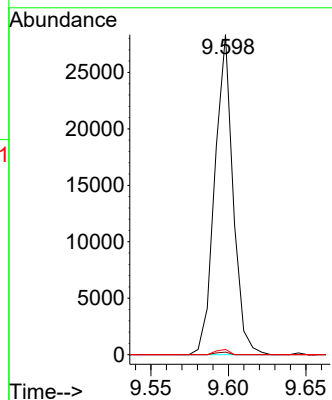
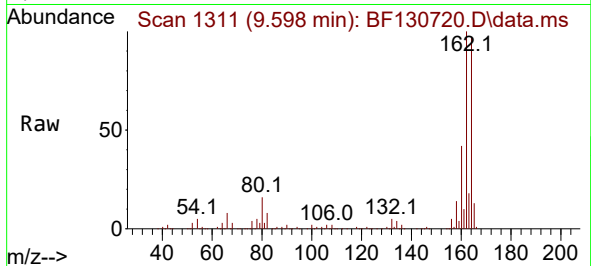




#51
2,6-Dinitrotoluene
Concen: 8.318 ng
RT: 9.598 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

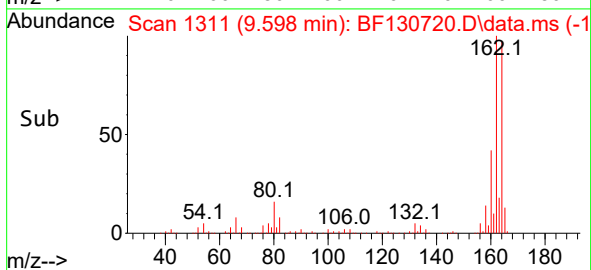
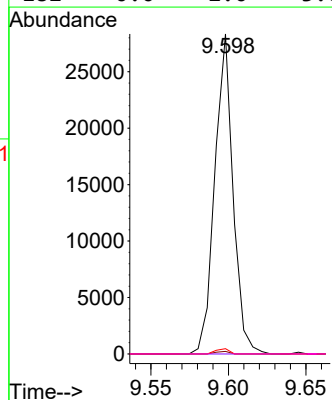
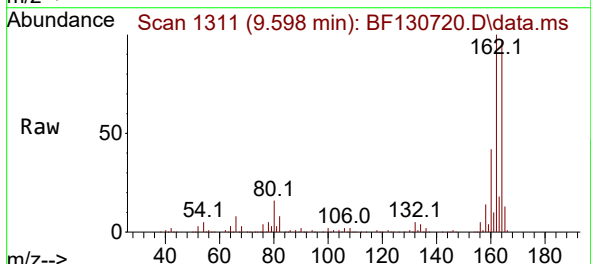
Instrument :
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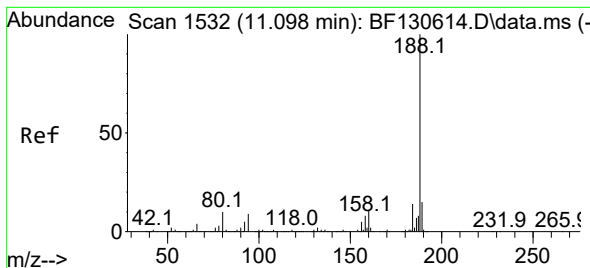
Tgt Ion:165 Resp: 23230
Ion Ratio Lower Upper
165 100
63 0.8 45.3 67.9#
89 1.7 45.6 68.4#



#57
2,4-Dinitrotoluene
Concen: 6.472 ng
RT: 9.598 min Scan# 1311
Delta R.T. -0.218 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

Tgt Ion:165 Resp: 23230
Ion Ratio Lower Upper
165 100
63 0.8 50.6 76.0#
89 1.7 68.6 102.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.080 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130720.D

Acq: 19 Oct 2022 20:01

Instrument :

BNA_F

ClientSampleId :

5236-2

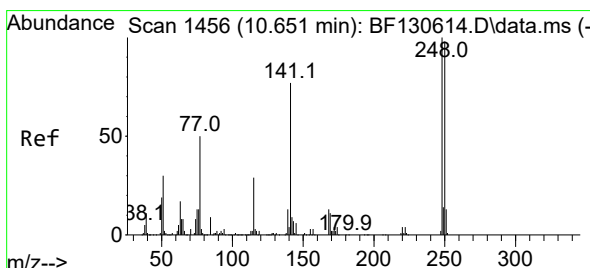
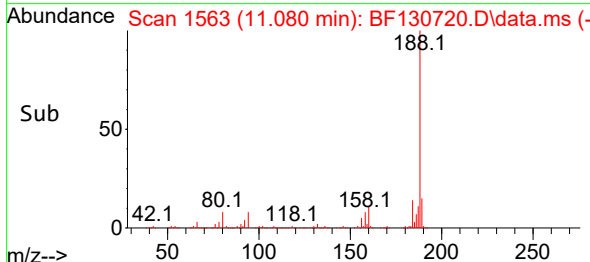
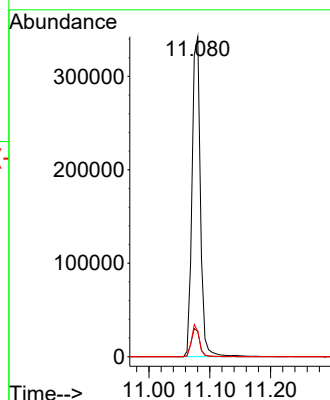
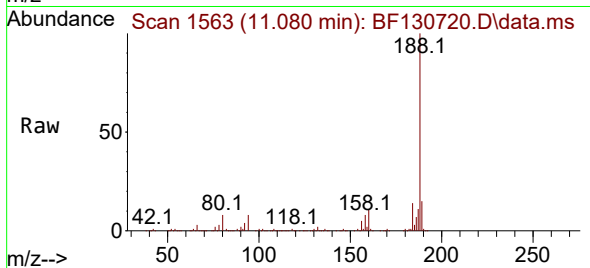
Tgt Ion:188 Resp: 326019

Ion Ratio Lower Upper

188 100

94 7.8 7.4 11.2

80 8.0 8.0 12.0#



#67

4-Bromophenyl-phenylether

Concen: 4.375 ng

RT: 10.392 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF130720.D

Acq: 19 Oct 2022 20:01

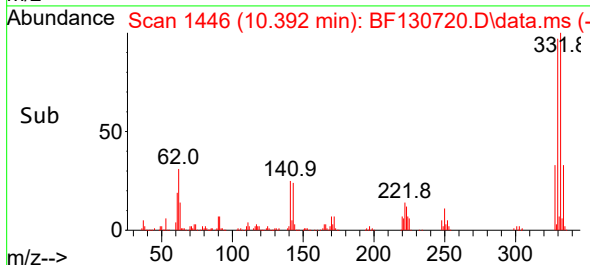
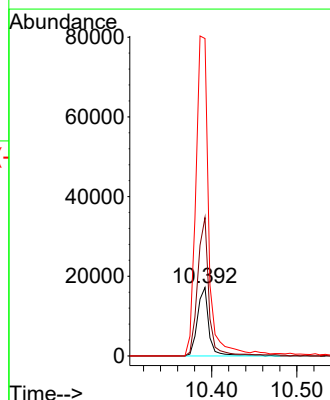
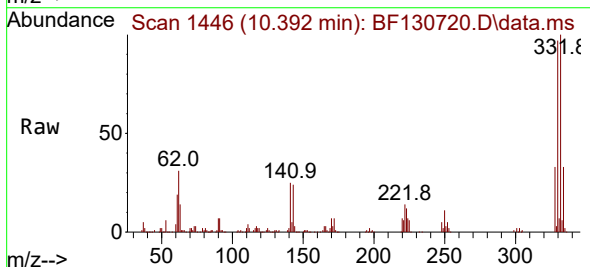
Tgt Ion:248 Resp: 16139

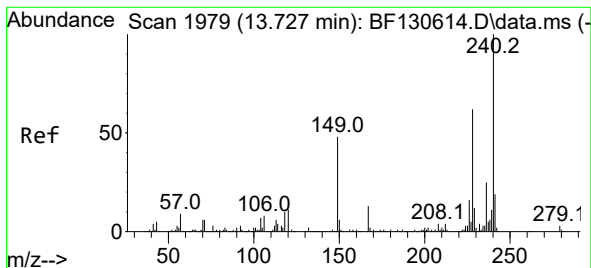
Ion Ratio Lower Upper

248 100

250 201.9 78.7 118.1#

141 463.2 61.6 92.4#

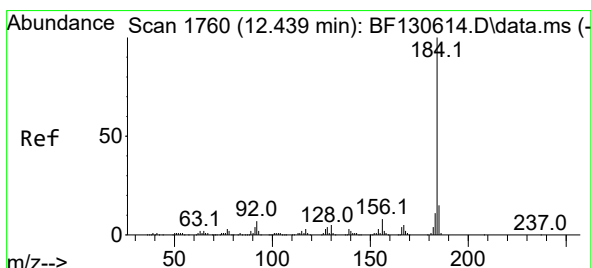
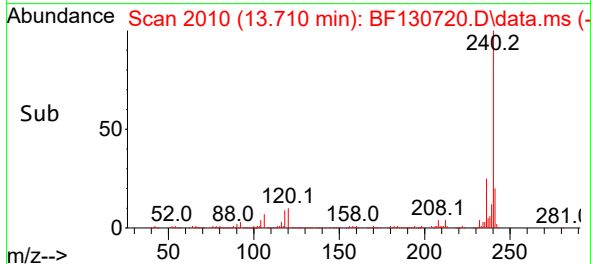
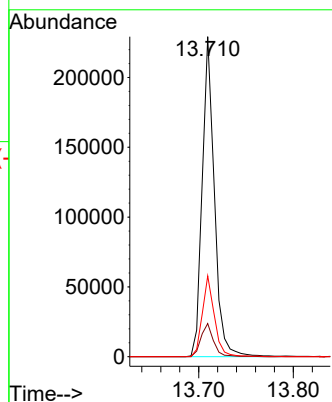
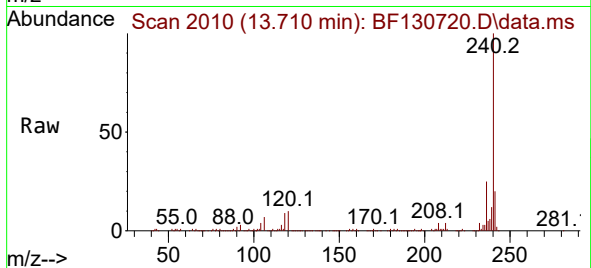




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

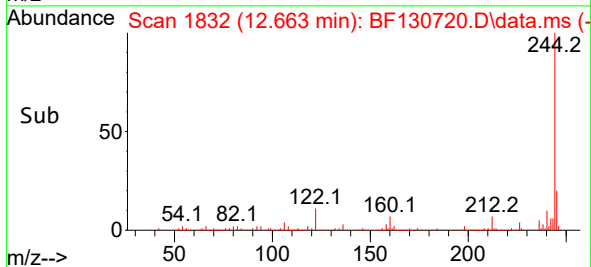
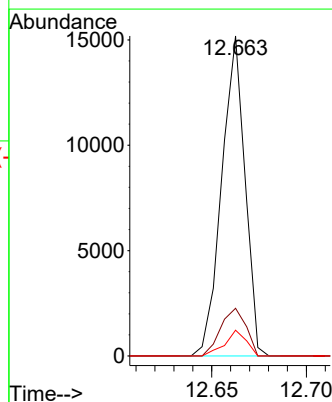
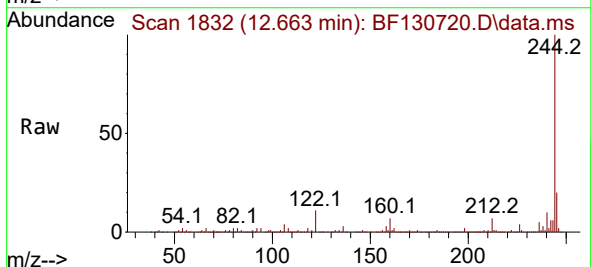
Instrument :
BNA_F
ClientSampleId :
5236-2

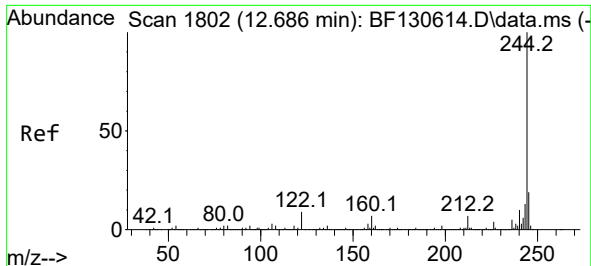
Tgt Ion:240 Resp: 205591
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 25.3 20.2 30.4



#77
Benzidine
Concen: 2.500 ng
RT: 12.663 min Scan# 1832
Delta R.T. 0.235 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

Tgt Ion:184 Resp: 12993
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 8.0 9.0 13.4#

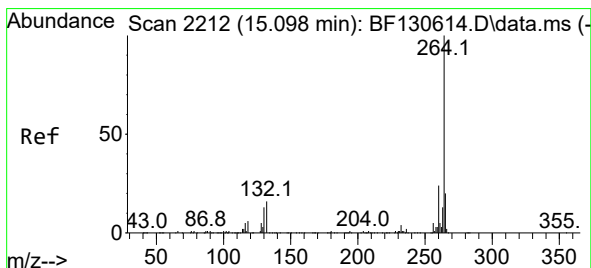
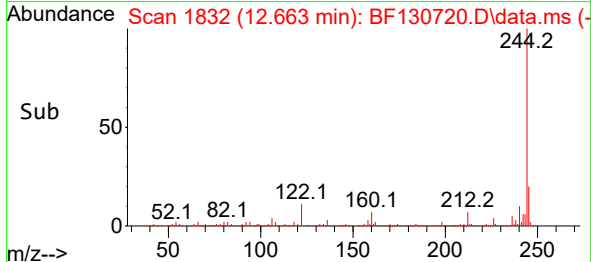
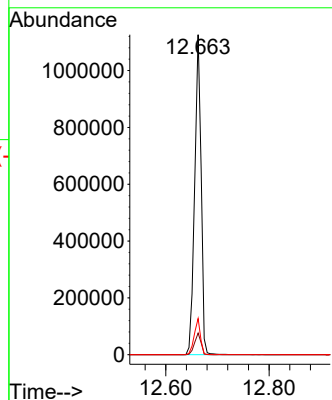
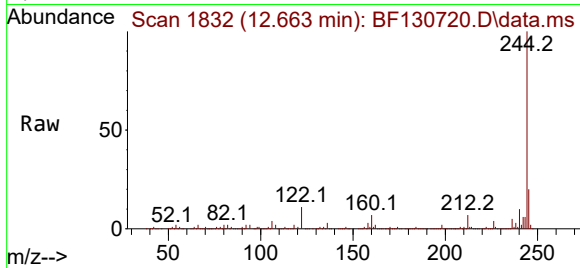




#79
 Terphenyl-d14
 Concen: 78.615 ng
 RT: 12.663 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130720.D
 Acq: 19 Oct 2022 20:01

Instrument :
 BNA_F
 ClientSampleId :
 5236-2

Tgt Ion:244 Resp: 973808
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.3 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 2244
 Delta R.T. -0.000 min
 Lab File: BF130720.D
 Acq: 19 Oct 2022 20:01

Tgt Ion:264 Resp: 164609
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.1 16.4 24.6

