

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
 Data File : BF130721.D
 Acq On : 19 Oct 2022 20:31
 Operator : CG\JU
 Sample : N5166-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5388-2

Quant Time: Oct 20 02:47:06 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)

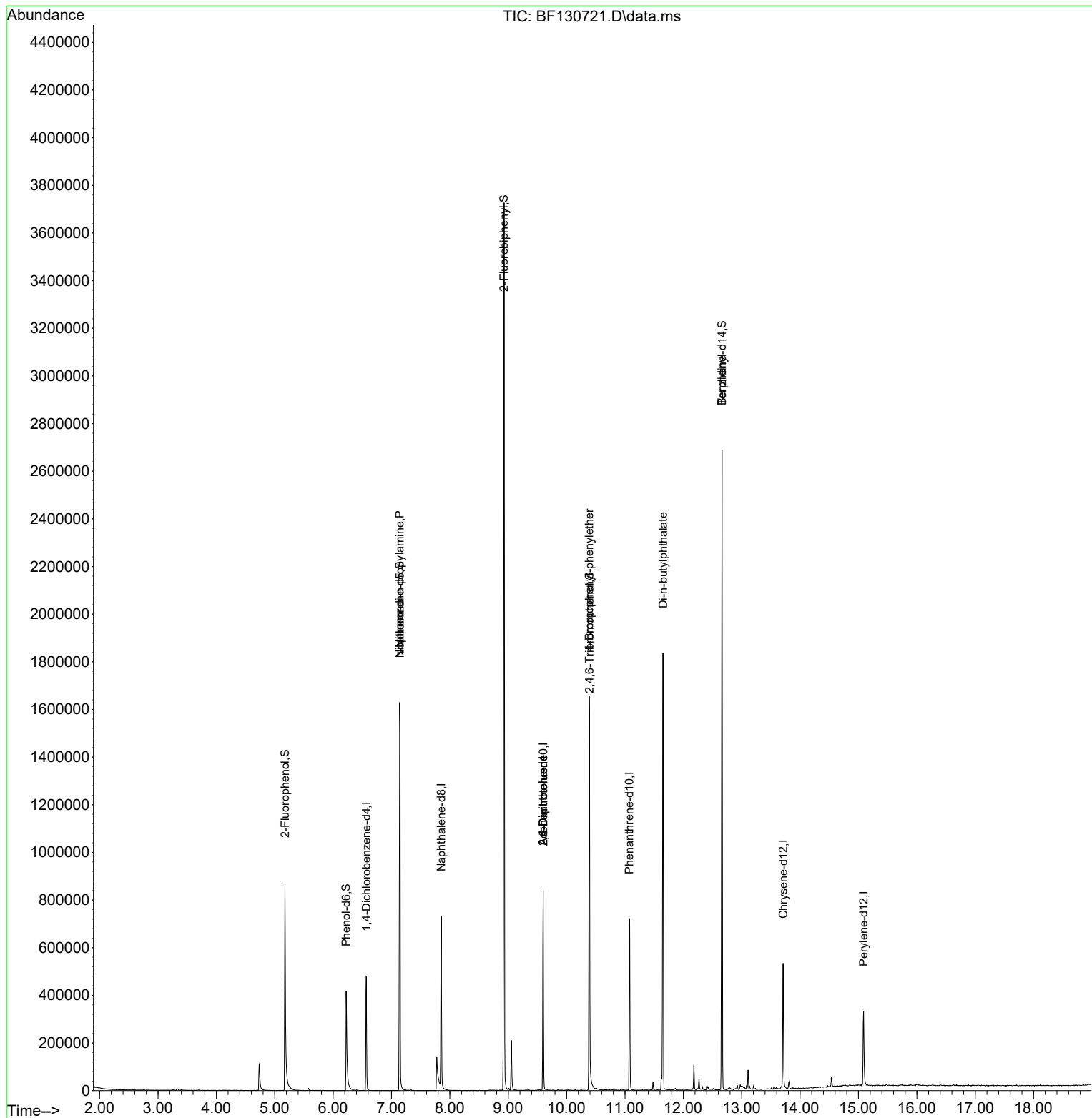
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.569	152	75833	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	314323	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	170628	20.000	ng	-0.01
64) Phenanthrene-d10	11.075	188	273320	20.000	ng	-0.01
76) Chrysene-d12	13.710	240	171008	20.000	ng	-0.01
86) Perylene-d12	15.086	264	140034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	305179	72.541	ng	0.00
7) Phenol-d6	6.222	99	189182	35.766	ng	0.00
23) Nitrobenzene-d5	7.140	82	594430	103.239	ng	-0.01
42) 2,4,6-Tribromophenol	10.392	330	233216	139.685	ng	0.00
45) 2-Fluorobiphenyl	8.928	172	1158027	102.804	ng	-0.01
79) Terphenyl-d14	12.663	244	876652	85.084	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.140	70	79617	23.330	ng	# 76
25) Isophorone	7.140	82	594423	62.029	ng	# 64
51) 2,6-Dinitrotoluene	9.598	165	22115	8.536	ng	# 24
57) 2,4-Dinitrotoluene	9.598	165	22115	6.641	ng	# 14
67) 4-Bromophenyl-phenylether	10.386	248	13683	4.424	ng	# 1
74) Di-n-butylphthalate	11.651	149	889483	55.643	ng	100
77) Benzidine	12.663	184	11467	2.653	ng	95

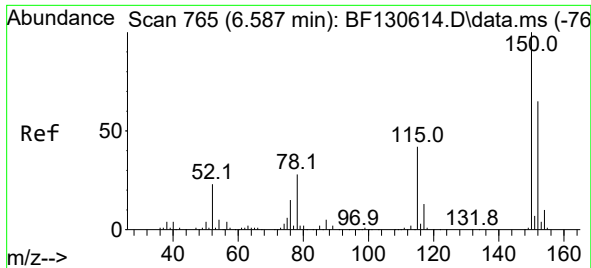
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
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Quant Time: Oct 20 02:47:06 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

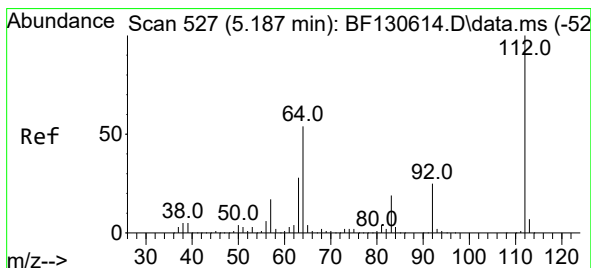
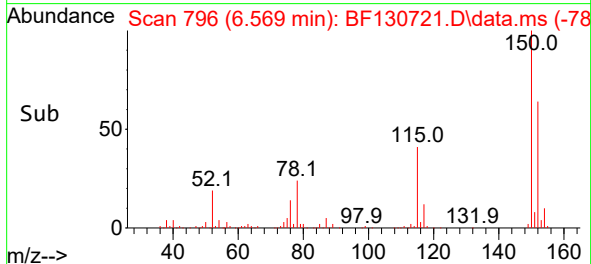
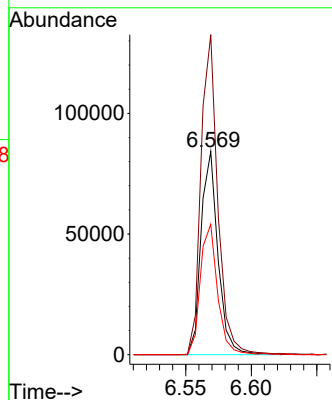
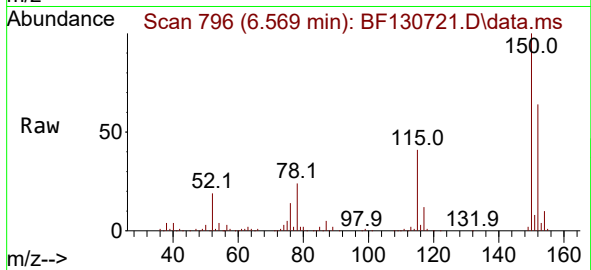




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.569 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF130721.D
Acq: 19 Oct 2022 20:31

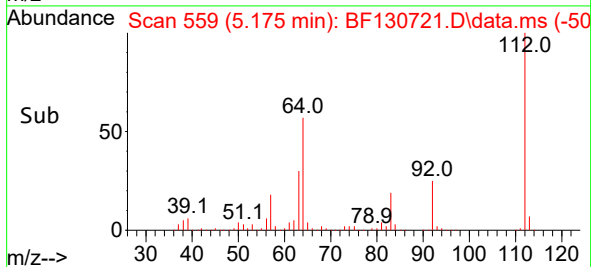
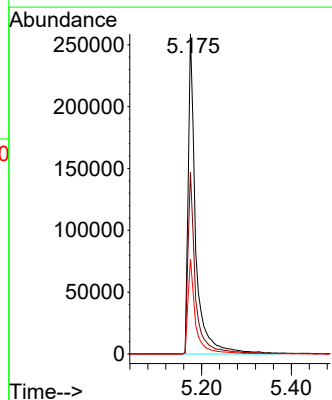
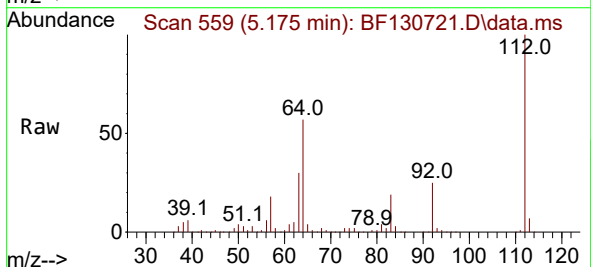
Instrument :
BNA_F
ClientSampleId :
5388-2

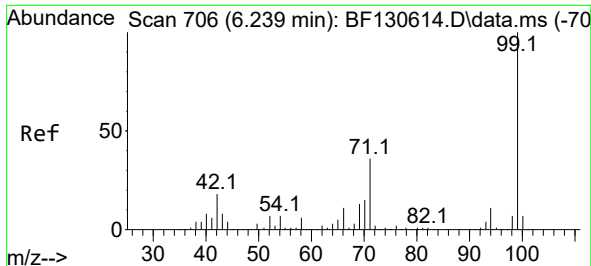
Tgt Ion:152 Resp: 75833
Ion Ratio Lower Upper
152 100
150 157.5 123.8 185.6
115 64.1 52.2 78.4



#5
2-Fluorophenol
Concen: 72.541 ng
RT: 5.175 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF130721.D
Acq: 19 Oct 2022 20:31

Tgt Ion:112 Resp: 305179
Ion Ratio Lower Upper
112 100
64 56.7 43.5 65.3
63 29.5 22.6 34.0

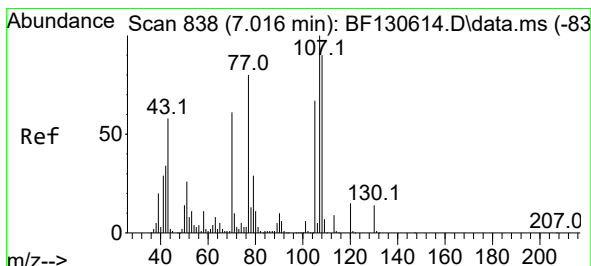
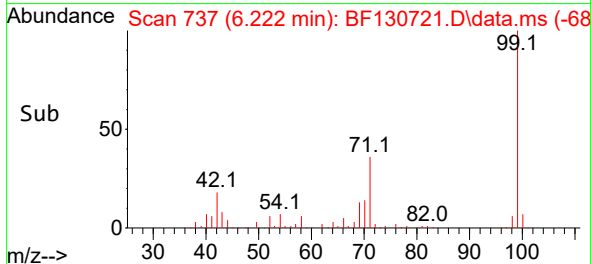
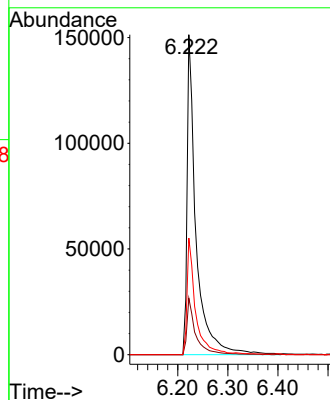
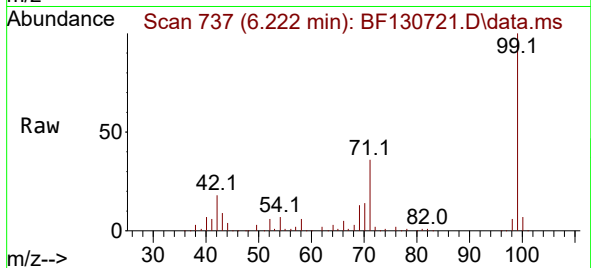




#7
Phenol-d6
Concen: 35.766 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130721.D
Acq: 19 Oct 2022 20:31

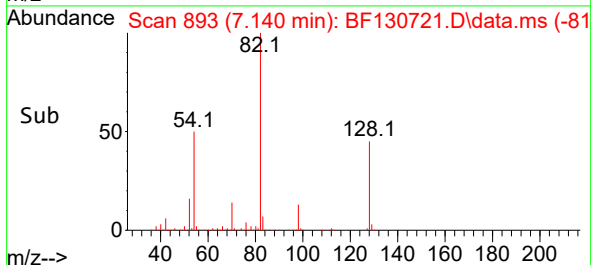
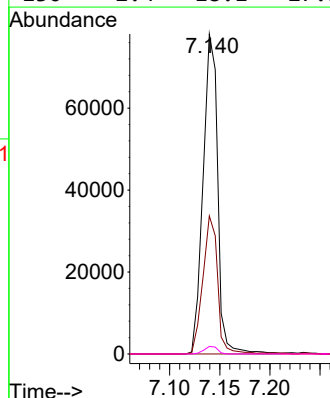
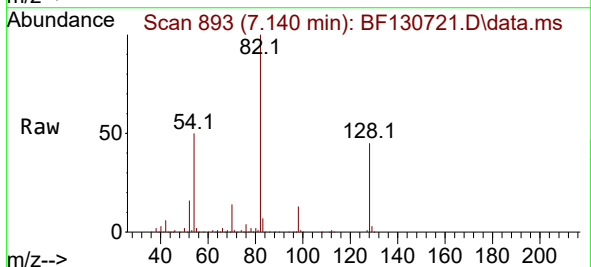
Instrument :
BNA_F
ClientSampleId :
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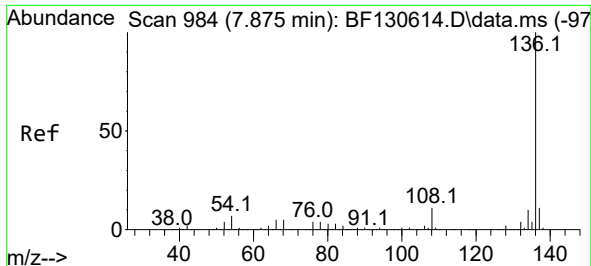
Tgt Ion: 99 Resp: 189182
Ion Ratio Lower Upper
99 100
42 17.7 14.0 21.0
71 36.4 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 23.330 ng
RT: 7.140 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF130721.D
Acq: 19 Oct 2022 20:31

Tgt Ion: 70 Resp: 79617
Ion Ratio Lower Upper
70 100
42 43.2 44.3 66.5#
101 0.0 7.9 11.9#
130 2.4 18.1 27.1#

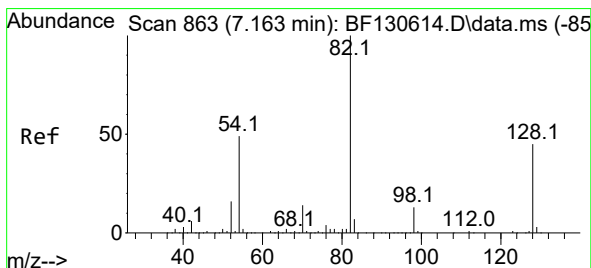
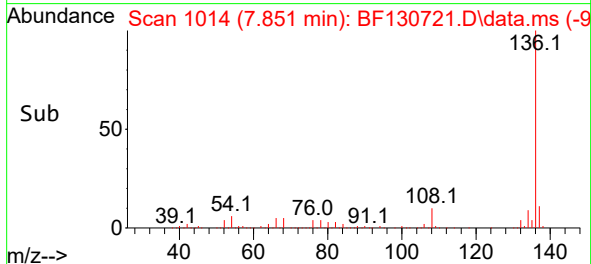
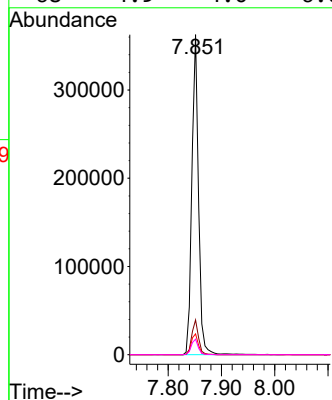
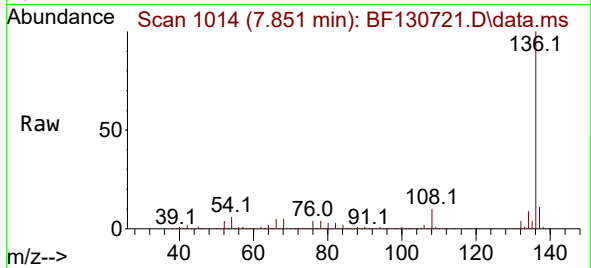




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.851 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF130721.D
Acq: 19 Oct 2022 20:31

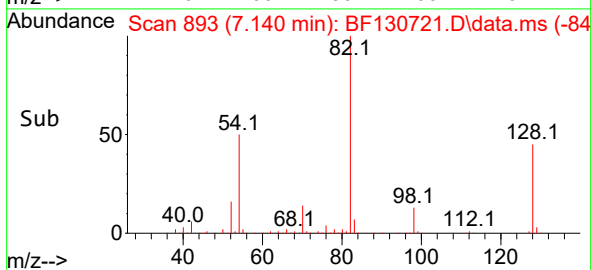
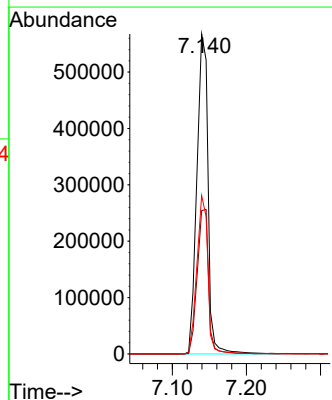
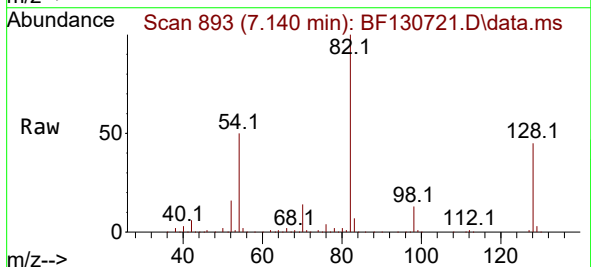
Instrument :
BNA_F
ClientSampleId :
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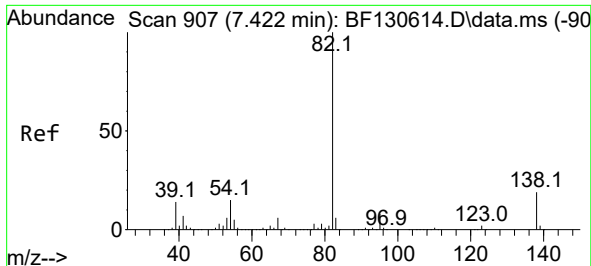
Tgt Ion:136 Resp: 314323
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.5 5.5 8.3
68 4.9 4.0 6.0



#23
Nitrobenzene-d5
Concen: 103.239 ng
RT: 7.140 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF130721.D
Acq: 19 Oct 2022 20:31

Tgt Ion: 82 Resp: 594430
Ion Ratio Lower Upper
82 100
128 44.8 35.8 53.6
54 49.5 39.3 58.9

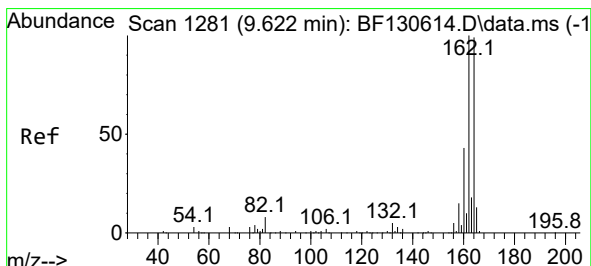
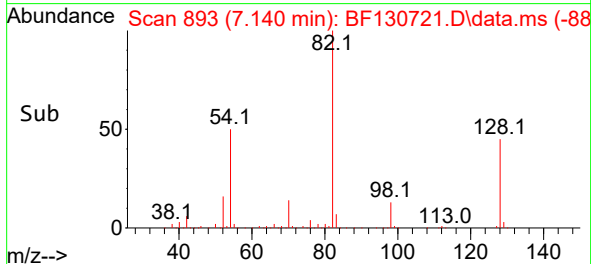
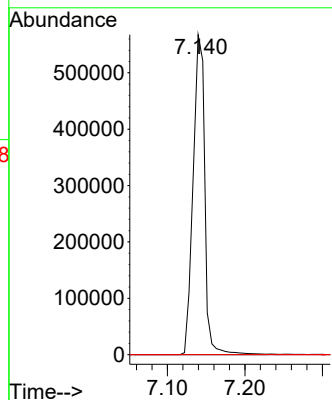
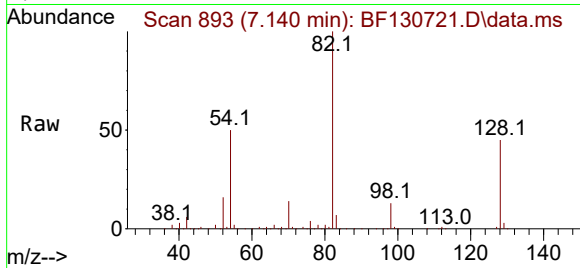




#25
Isophorone
Concen: 62.029 ng
RT: 7.140 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF130721.D
Acq: 19 Oct 2022 20:31

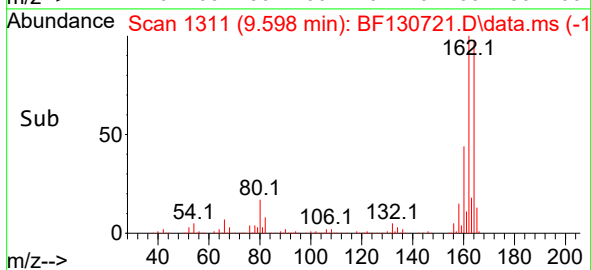
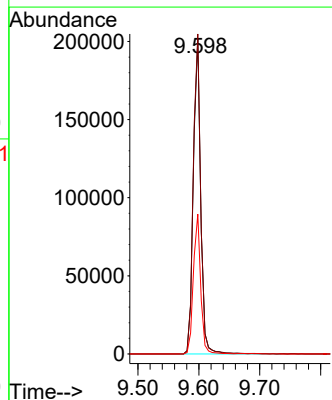
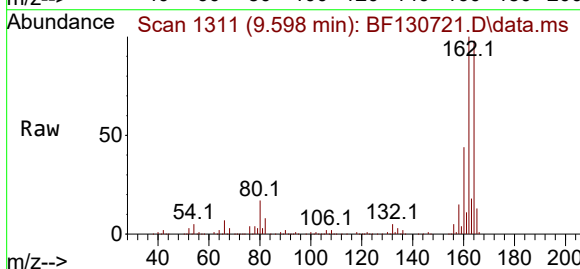
Instrument :
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ClientSampleId :
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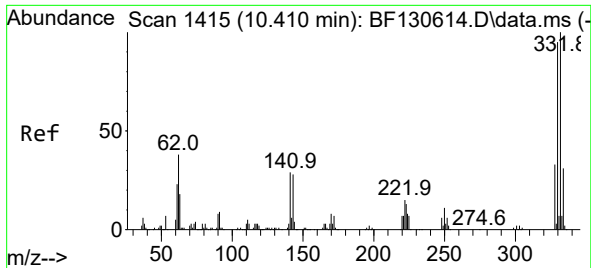
Tgt Ion: 82 Resp: 594423
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.598 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF130721.D
Acq: 19 Oct 2022 20:31

Tgt Ion:164 Resp: 170628
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 44.4 34.5 51.7

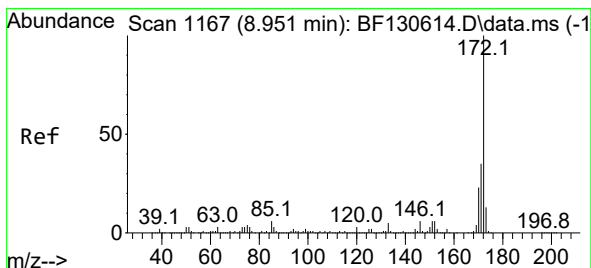
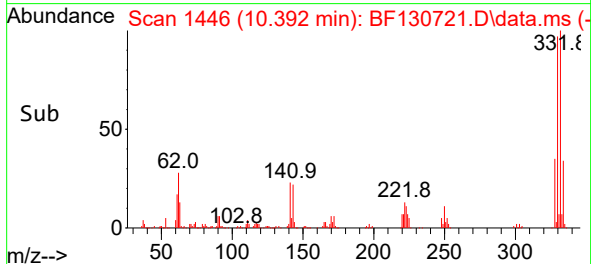
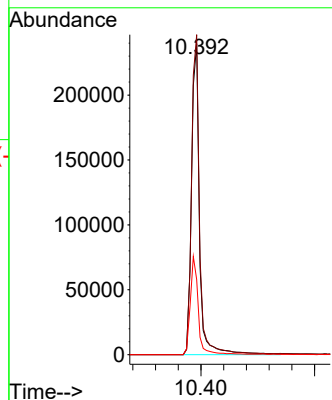
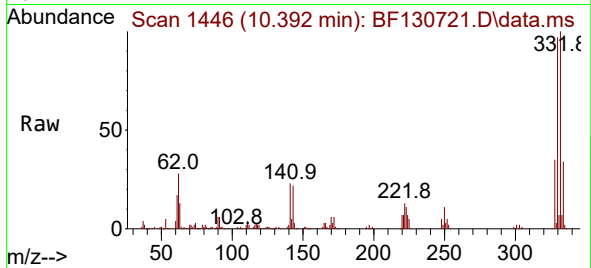




#42
2,4,6-Tribromophenol
Concen: 139.685 ng
RT: 10.392 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130721.D
Acq: 19 Oct 2022 20:31

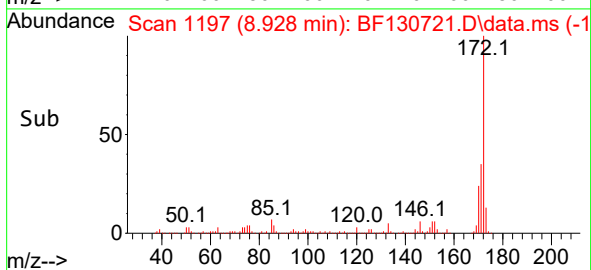
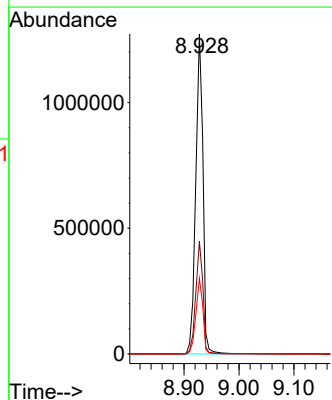
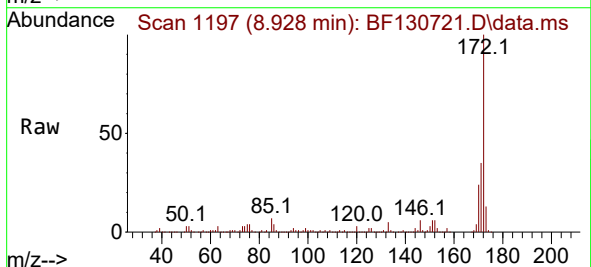
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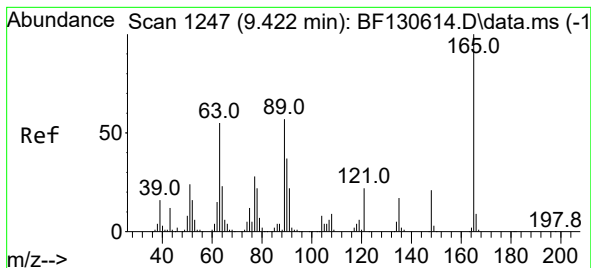
Tgt Ion:330 Resp: 233216
Ion Ratio Lower Upper
330 100
332 103.6 84.2 126.4
141 31.6 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 102.804 ng
RT: 8.928 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF130721.D
Acq: 19 Oct 2022 20:31

Tgt Ion:172 Resp: 1158027
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.6 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.536 ng

RT: 9.598 min Scan# 1311

Delta R.T. 0.188 min

Lab File: BF130721.D

Acq: 19 Oct 2022 20:31

Instrument :

BNA_F

ClientSampleId :

5388-2

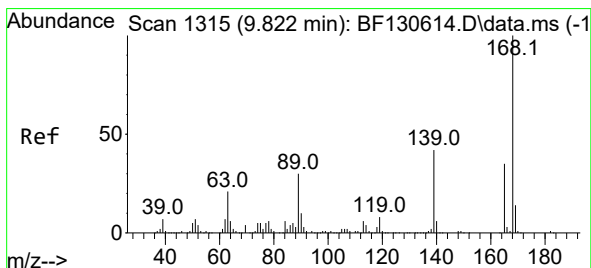
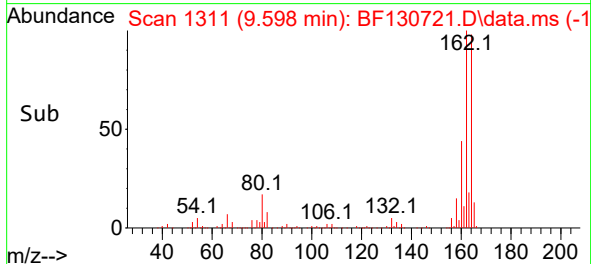
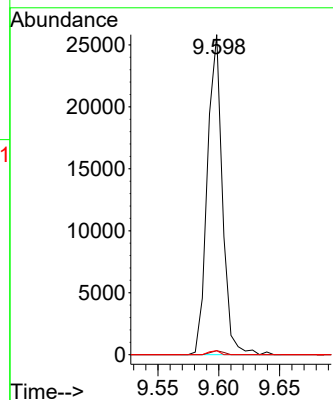
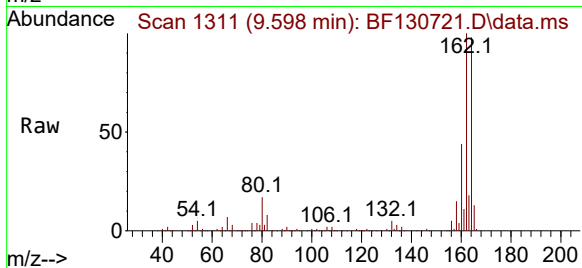
Tgt Ion:165 Resp: 22115

Ion Ratio Lower Upper

165 100

63 1.2 45.3 67.9#

89 1.2 45.6 68.4#



#57

2,4-Dinitrotoluene

Concen: 6.641 ng

RT: 9.598 min Scan# 1311

Delta R.T. -0.218 min

Lab File: BF130721.D

Acq: 19 Oct 2022 20:31

Tgt Ion:165 Resp: 22115

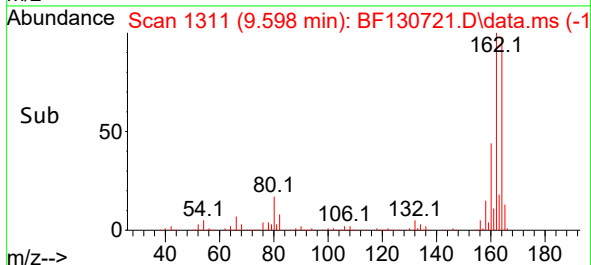
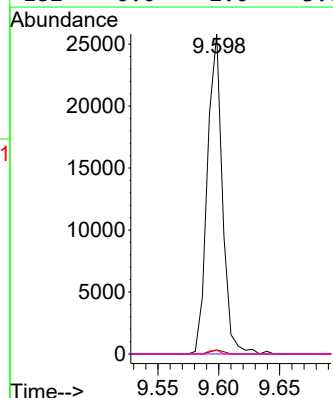
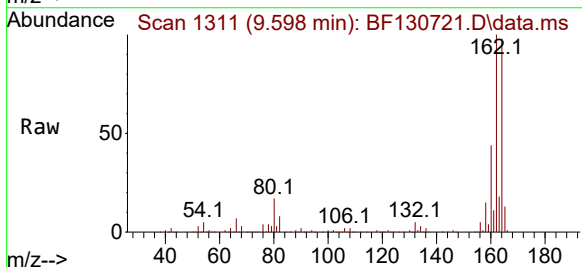
Ion Ratio Lower Upper

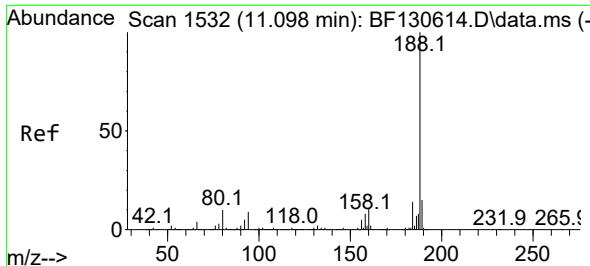
165 100

63 1.2 50.6 76.0#

89 1.2 68.6 102.8#

182 0.0 2.0 3.0#

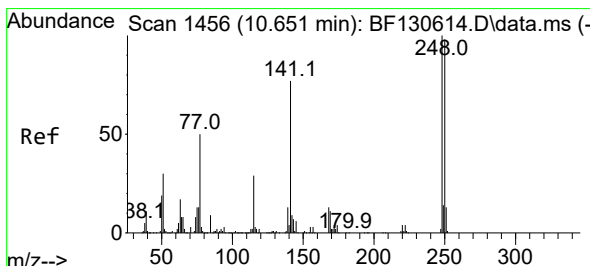
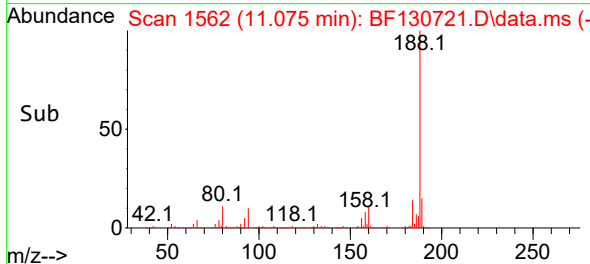
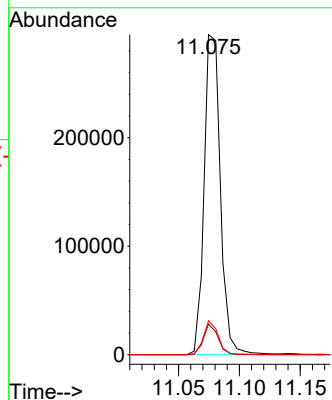
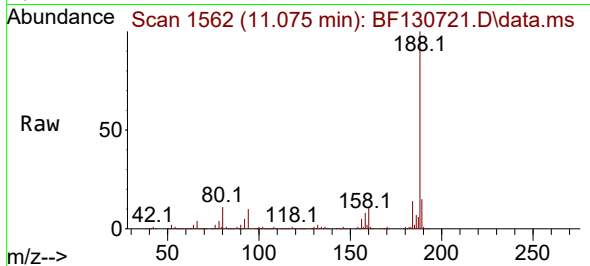




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130721.D
Acq: 19 Oct 2022 20:31

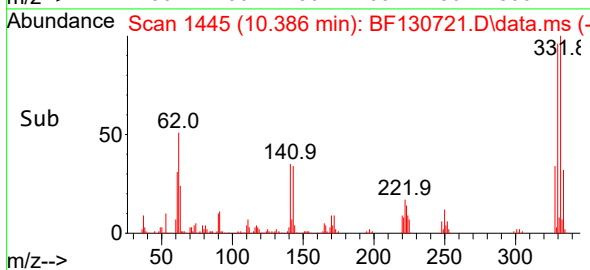
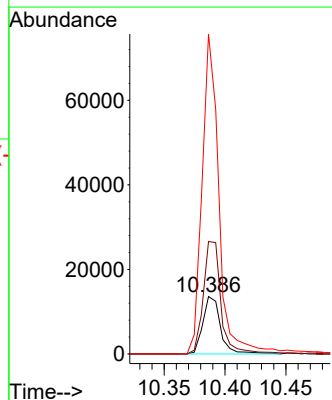
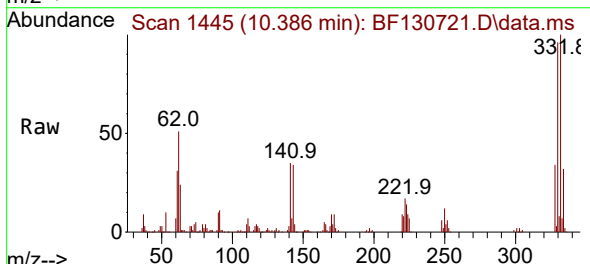
Instrument :
BNA_F
ClientSampleId :
5388-2

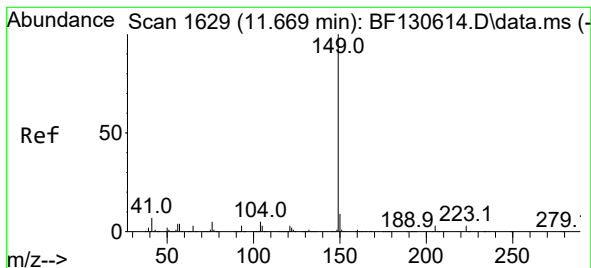
Tgt Ion:188 Resp: 273320
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.6 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.424 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF130721.D
Acq: 19 Oct 2022 20:31

Tgt Ion:248 Resp: 13683
Ion Ratio Lower Upper
248 100
250 195.6 78.7 118.1#
141 556.7 61.6 92.4#





#74

Di-n-butylphthalate

Concen: 55.643 ng

RT: 11.651 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130721.D

Acq: 19 Oct 2022 20:31

Instrument :

BNA_F

ClientSampleId :

5388-2

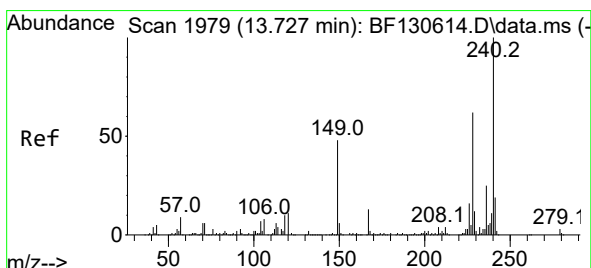
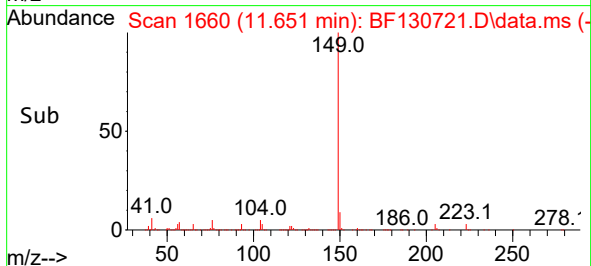
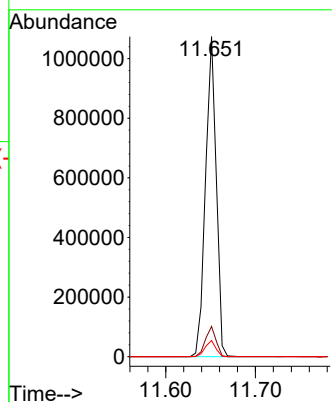
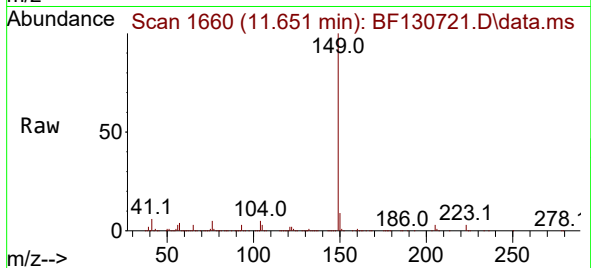
Tgt Ion:149 Resp: 889483

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.0 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.710 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF130721.D

Acq: 19 Oct 2022 20:31

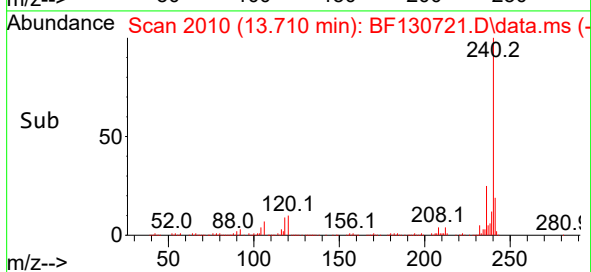
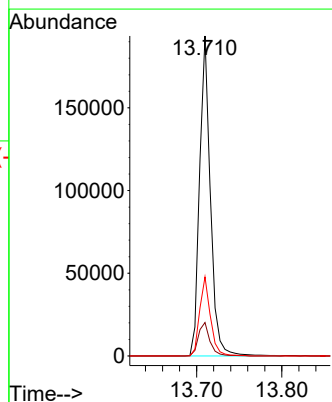
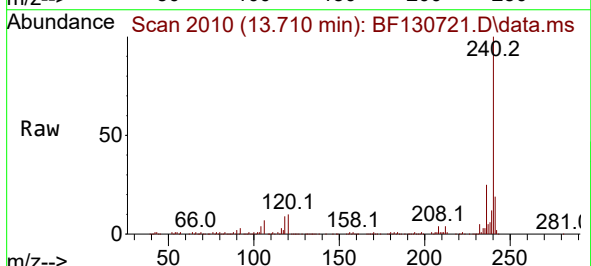
Tgt Ion:240 Resp: 171008

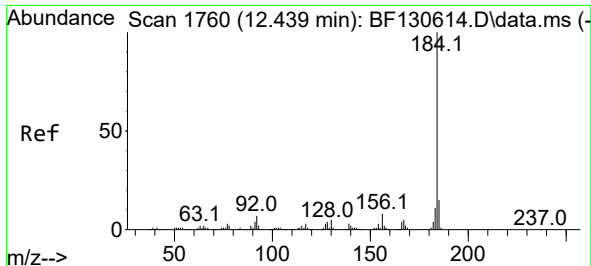
Ion Ratio Lower Upper

240 100

120 10.5 8.6 13.0

236 24.7 20.2 30.4

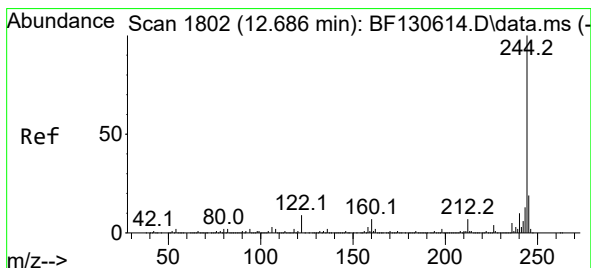
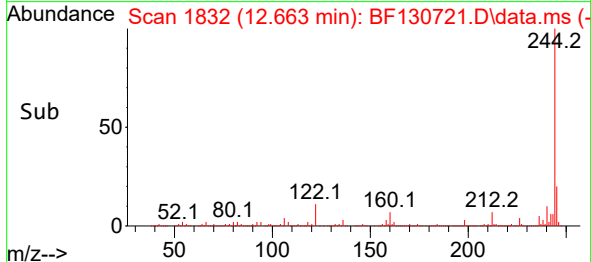
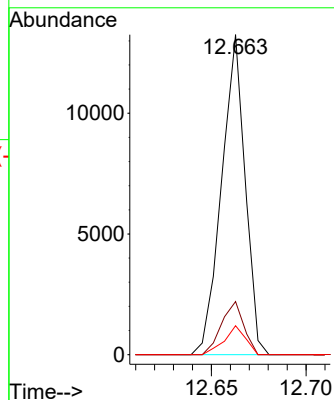
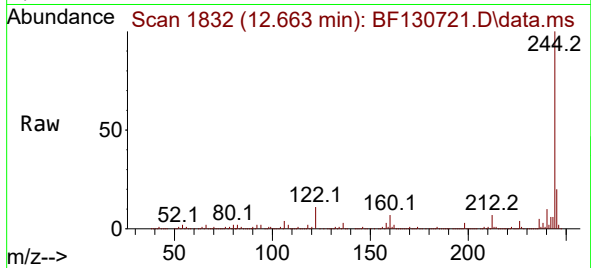




#77
Benzidine
Concen: 2.653 ng
RT: 12.663 min Scan# 1832
Delta R.T. 0.235 min
Lab File: BF130721.D
Acq: 19 Oct 2022 20:31

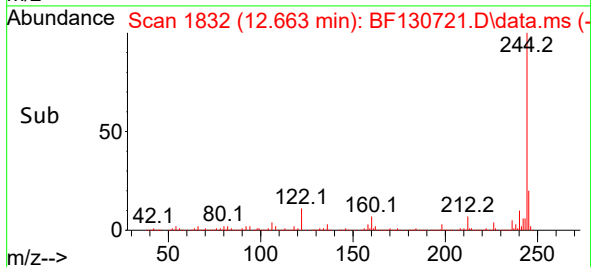
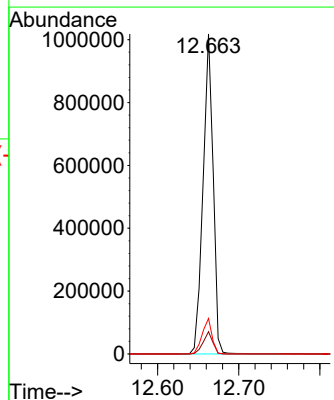
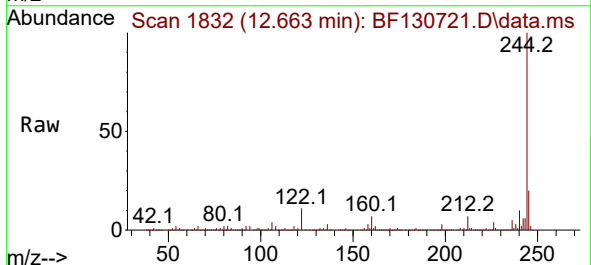
Instrument :
BNA_F
ClientSampleId :
5388-2

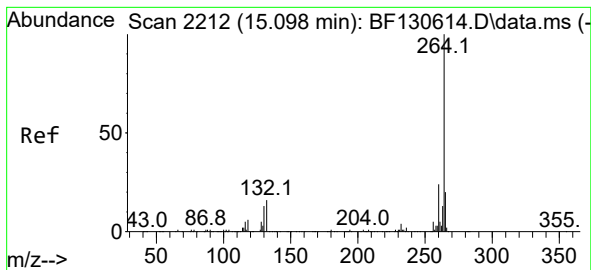
Tgt Ion:184 Resp: 11467
Ion Ratio Lower Upper
184 100
185 16.6 12.0 18.0
183 9.0 9.0 13.4



#79
Terphenyl-d14
Concen: 85.084 ng
RT: 12.663 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BF130721.D
Acq: 19 Oct 2022 20:31

Tgt Ion:244 Resp: 876652
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.1 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF130721.D
 Acq: 19 Oct 2022 20:31

Instrument :
 BNA_F
 ClientSampleId :
 5388-2

Tgt Ion:264 Resp: 140034
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.3 16.4 24.6

