

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131020.D
 Acq On : 05 Nov 2022 15:24
 Operator : CG\JU
 Sample : N5335-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Nov 07 00:48:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

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

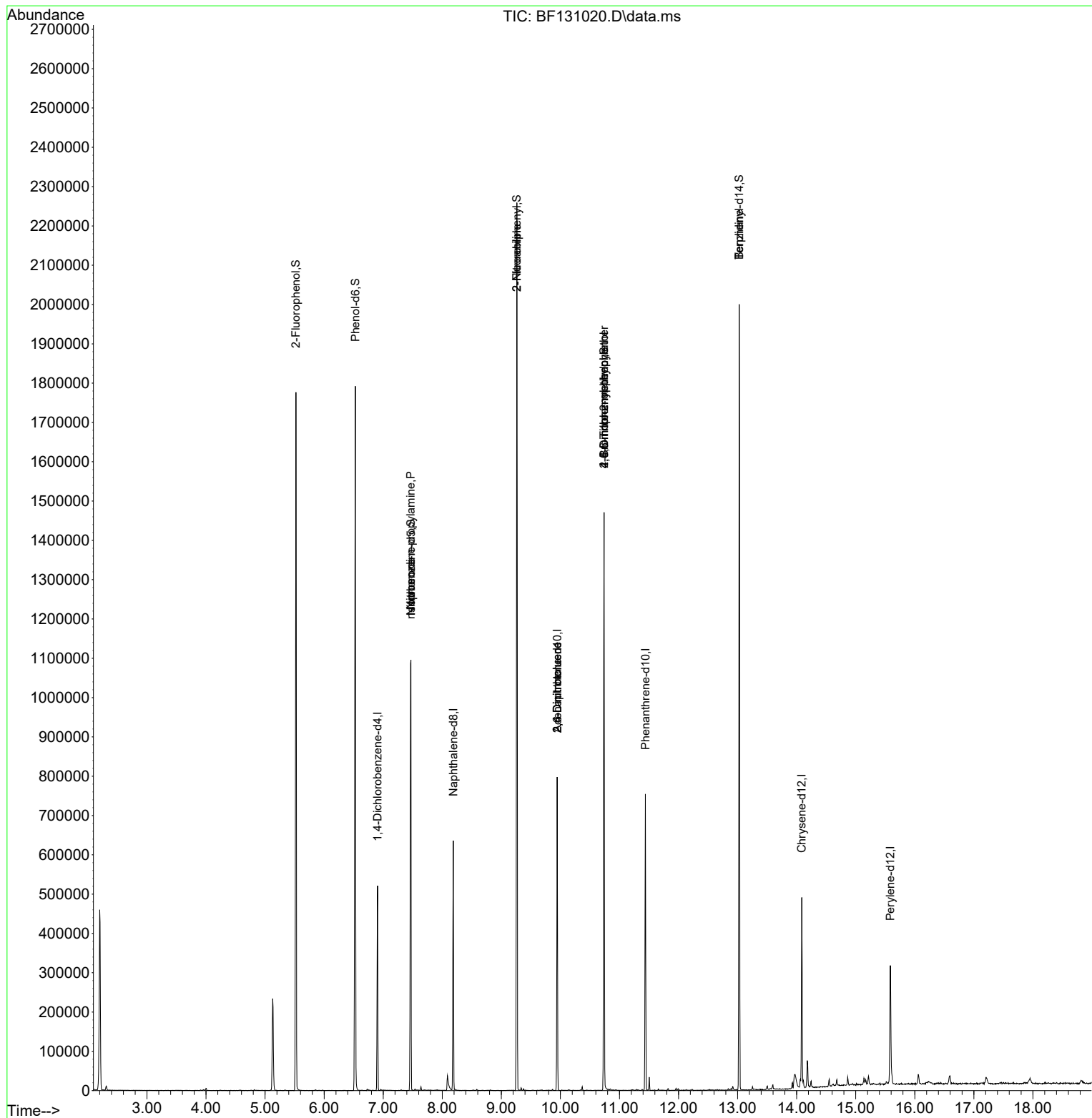
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	70803	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	242981	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	140643	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	244207	20.000	ng	0.00
76) Chrysene-d12	14.086	240	155487	20.000	ng	0.00
86) Perylene-d12	15.586	264	132359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	423639	103.728	ng	0.00
7) Phenol-d6	6.528	99	528768	99.630	ng	0.00
23) Nitrobenzene-d5	7.469	82	363574	90.226	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	157390	132.939	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	676057	72.675	ng	0.00
79) Terphenyl-d14	13.027	244	668021	78.728	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	50909	14.098	ng	# 80
25) Isophorone	7.469	82	363638	43.761	ng	# 66
48) 2-Nitroaniline	9.263	65	1243	4.586	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	17870	11.954	ng	# 15
57) 2,4-Dinitrotoluene	9.945	165	17870	10.854	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.739	198	396	8.252	ng	# 1
67) 4-Bromophenyl-phenylether	10.739	248	10088	4.108	ng	# 1
77) Benzidine	13.027	184	10126	2.683	ng	# 90

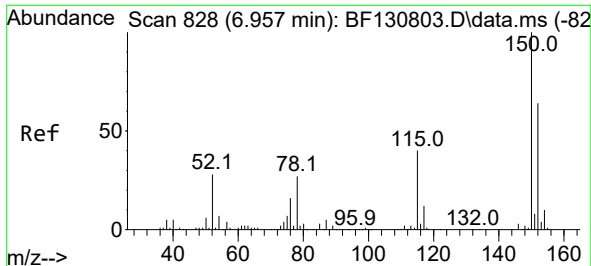
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Quant Time: Nov 07 00:48:47 2022
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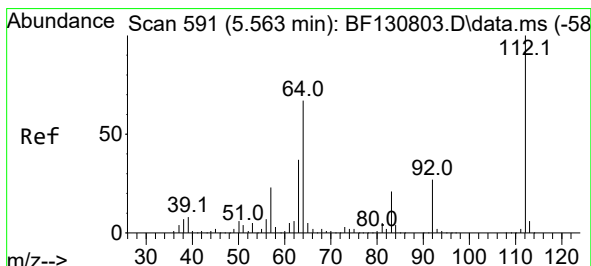
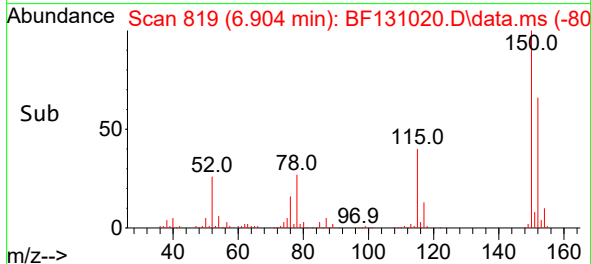
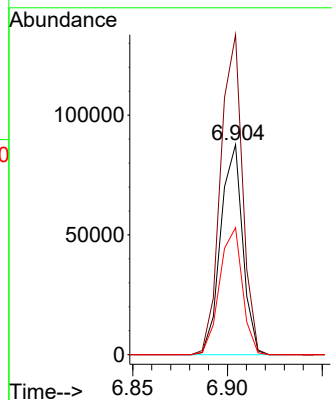
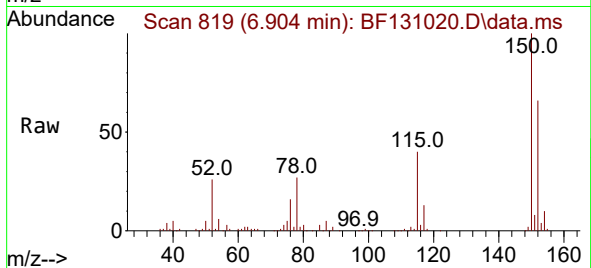




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

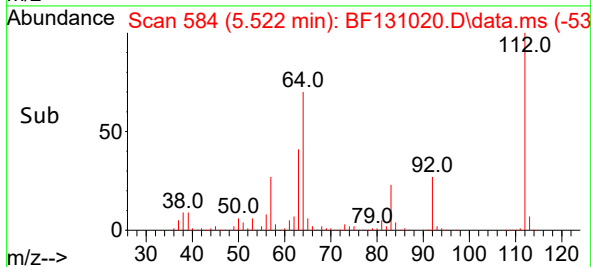
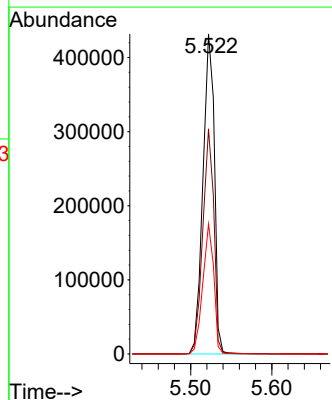
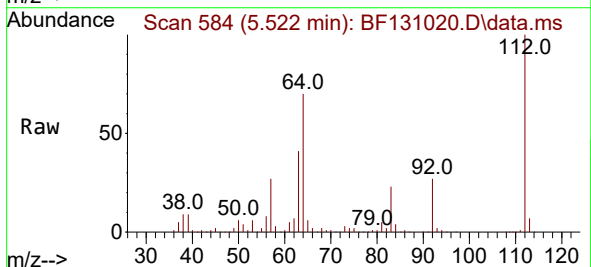
Instrument :
BNA_F
ClientSampleId :
SB-2

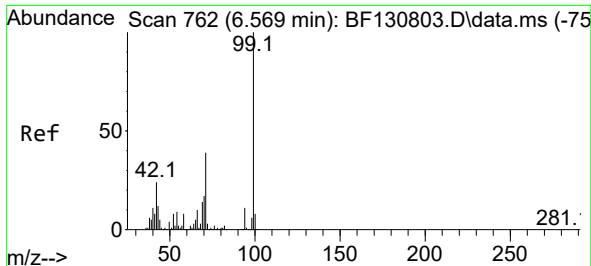
Tgt Ion:152 Resp: 70803
Ion Ratio Lower Upper
152 100
150 152.3 124.1 186.1
115 60.5 50.1 75.1



#5
2-Fluorophenol
Concen: 103.728 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

Tgt Ion:112 Resp: 423639
Ion Ratio Lower Upper
112 100
64 70.4 53.9 80.9
63 40.6 29.4 44.2

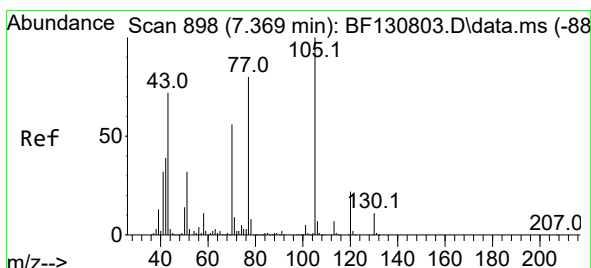
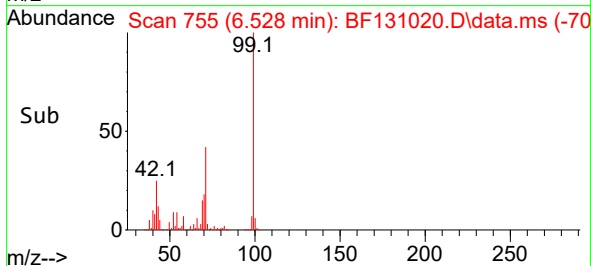
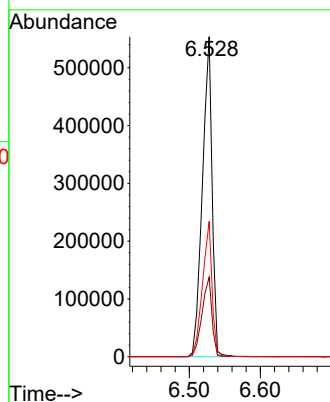
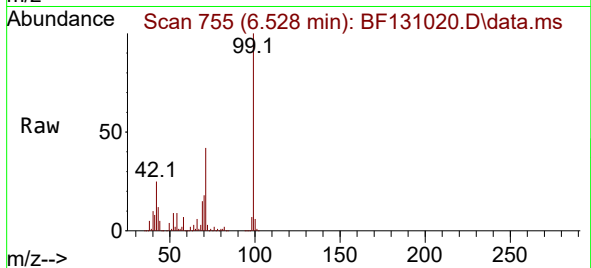




#7
Phenol-d6
Concen: 99.630 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

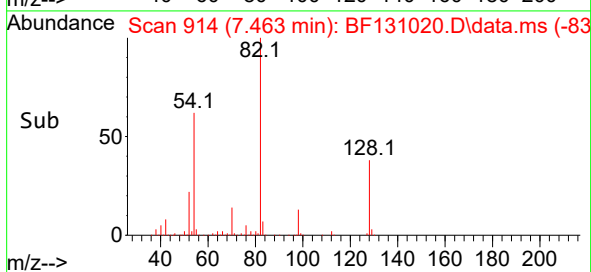
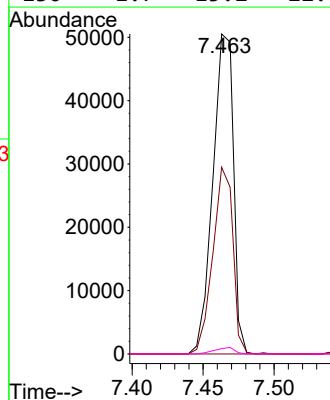
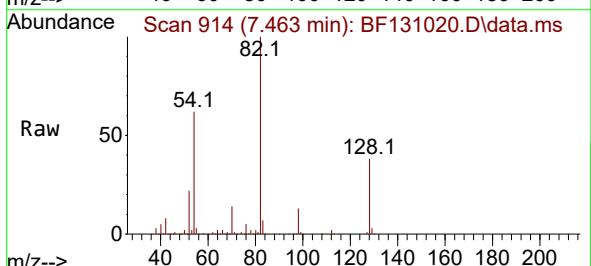
Instrument :
BNA_F
ClientSampleId :
SB-2

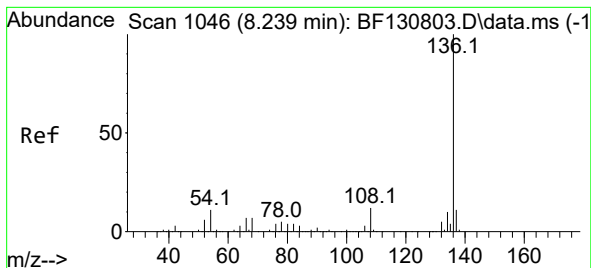
Tgt Ion: 99 Resp: 528768
Ion Ratio Lower Upper
99 100
42 24.9 18.8 28.2
71 42.3 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.098 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.141 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

Tgt Ion: 70 Resp: 50909
Ion Ratio Lower Upper
70 100
42 58.3 56.1 84.1
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131020.D

Acq: 05 Nov 2022 15:24

Instrument :

BNA_F

ClientSampleId :

SB-2

Tgt Ion:136 Resp: 242981

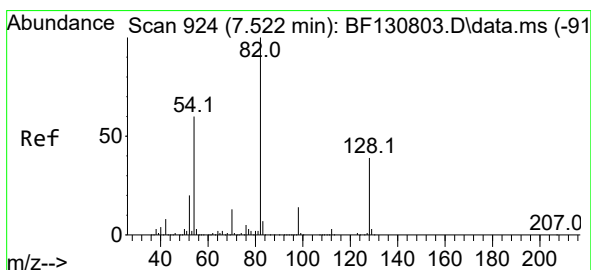
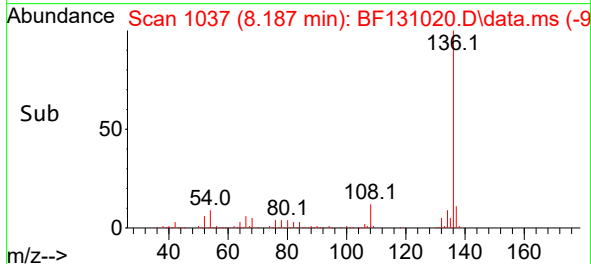
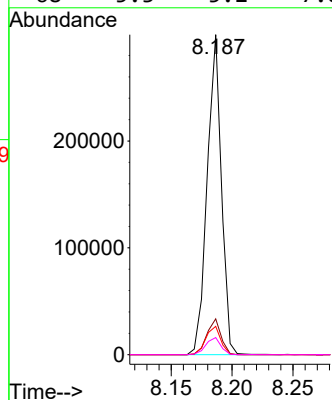
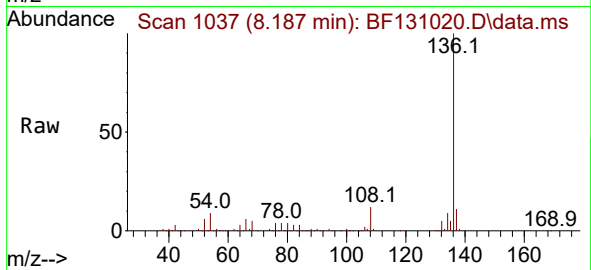
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.8 8.8 13.2

68 5.3 5.2 7.8



#23

Nitrobenzene-d5

Concen: 90.226 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF131020.D

Acq: 05 Nov 2022 15:24

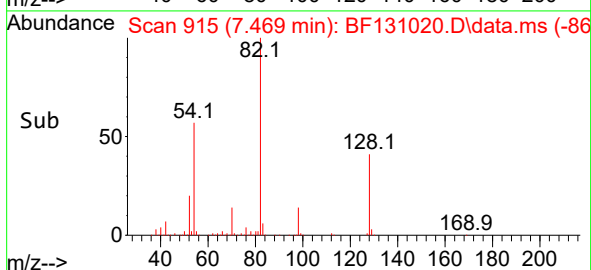
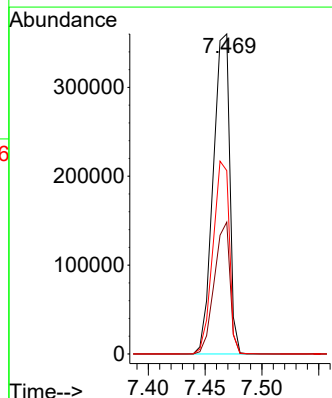
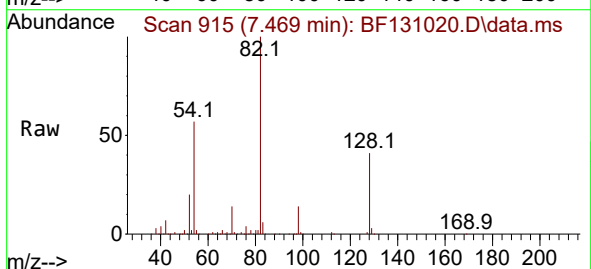
Tgt Ion: 82 Resp: 363574

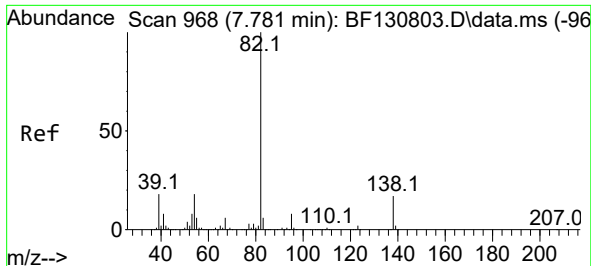
Ion Ratio Lower Upper

82 100

128 41.2 31.2 46.8

54 57.3 48.0 72.0

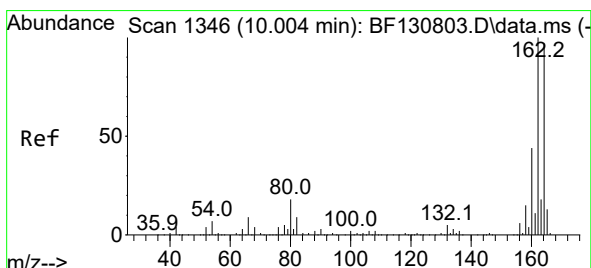
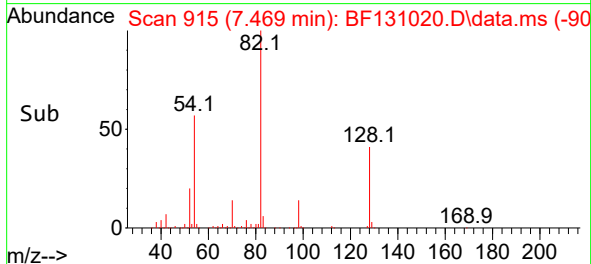
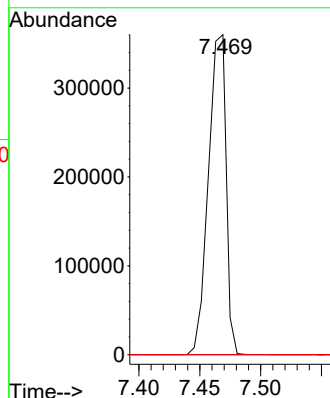
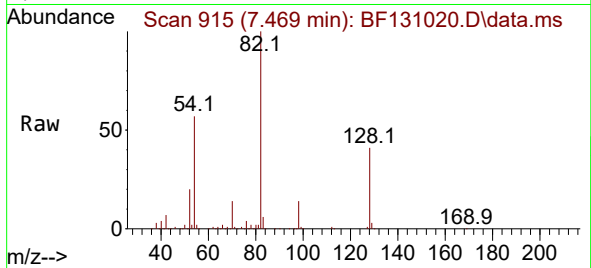




#25
Isophorone
Concen: 43.761 ng
RT: 7.469 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

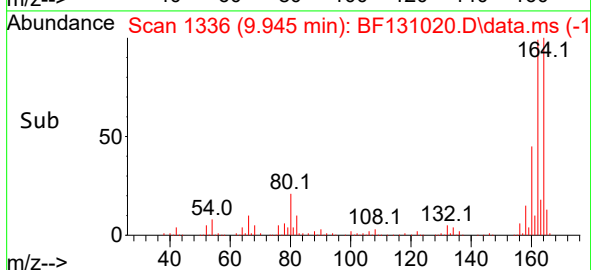
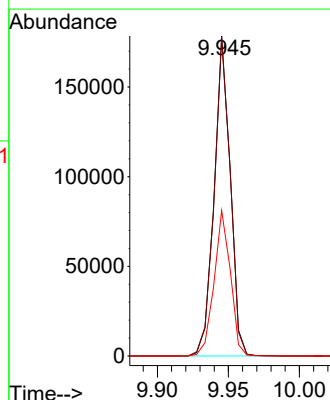
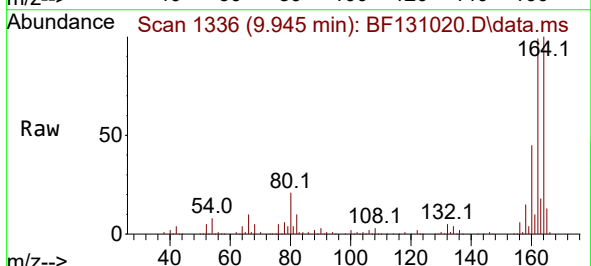
Instrument :
BNA_F
ClientSampleId :
SB-2

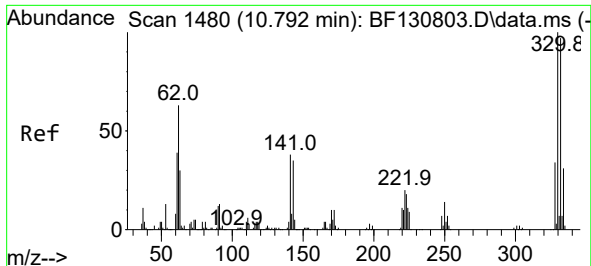
Tgt Ion: 82 Resp: 363638
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

Tgt Ion:164 Resp: 140643
Ion Ratio Lower Upper
164 100
162 99.5 82.2 123.2
160 45.5 36.6 54.8

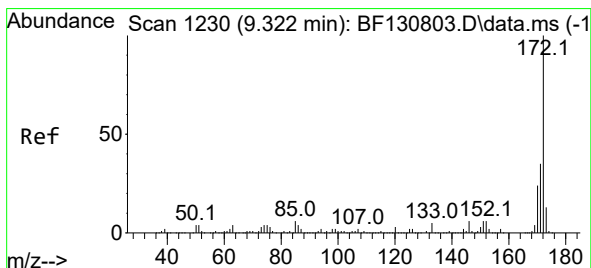
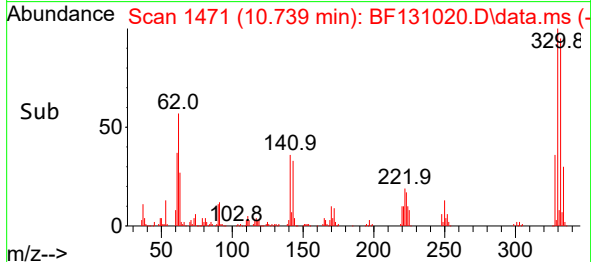
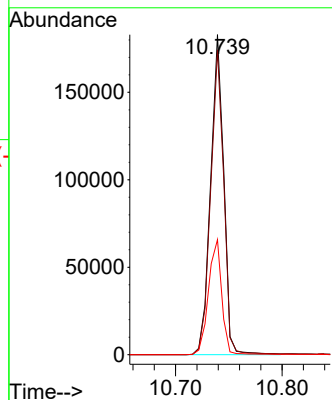
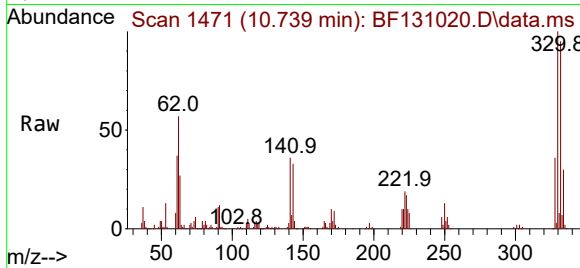




#42
2,4,6-Tribromophenol
Concen: 132.939 ng
RT: 10.739 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

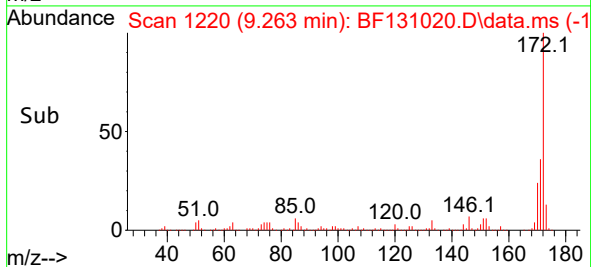
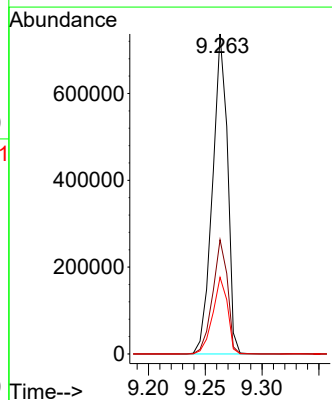
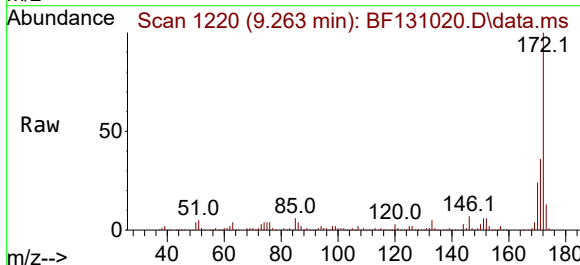
Instrument :
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ClientSampleId :
SB-2

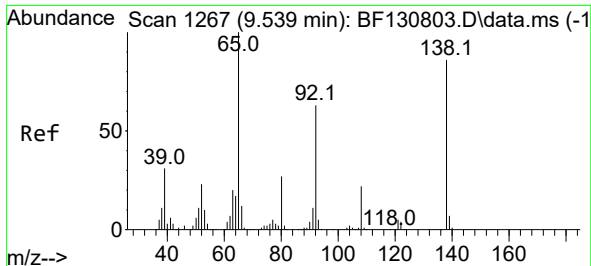
Tgt Ion:330 Resp: 157390
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 36.6 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 72.675 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

Tgt Ion:172 Resp: 676057
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.9 19.0 28.4

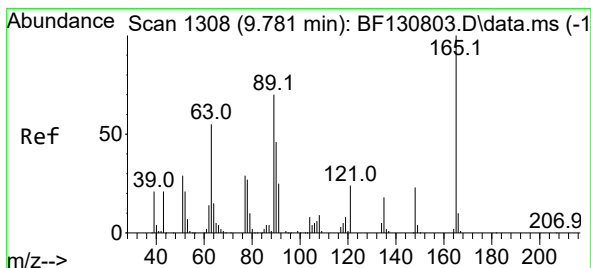
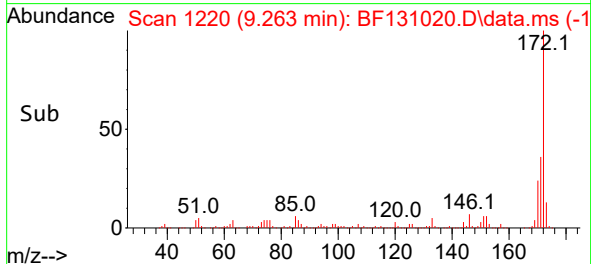
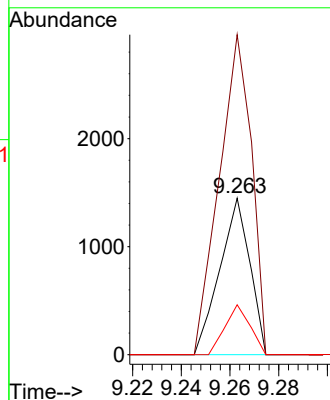
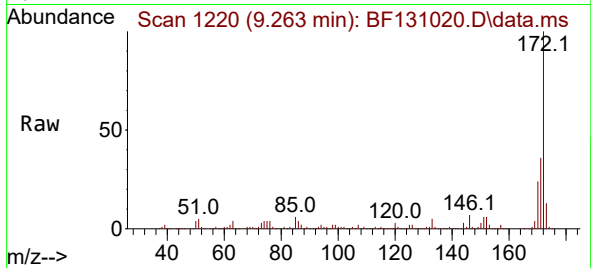




#48
2-Nitroaniline
Concen: 4.586 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

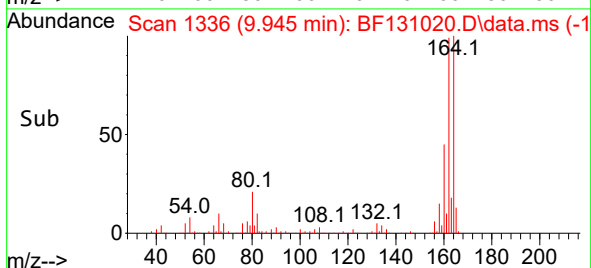
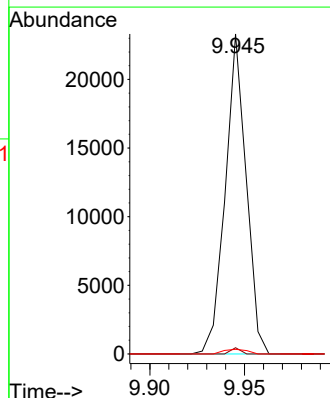
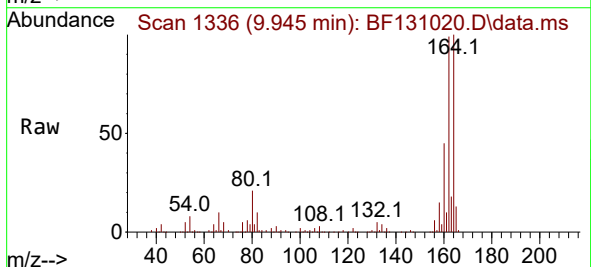
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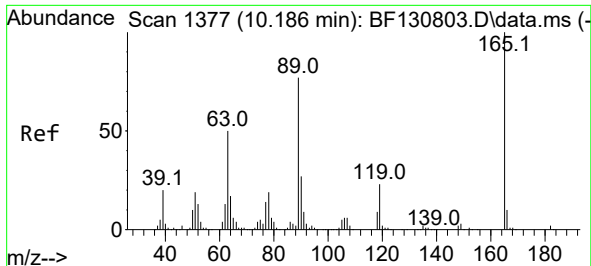
Tgt Ion: 65 Resp: 1243
Ion Ratio Lower Upper
65 100
92 204.4 50.1 75.1#
138 31.9 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.954 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

Tgt Ion: 165 Resp: 17870
Ion Ratio Lower Upper
165 100
63 1.9 61.8 92.8#
89 1.4 56.2 84.4#

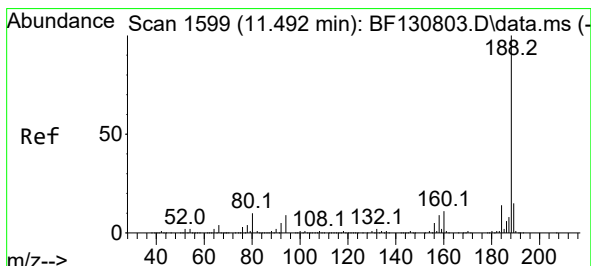
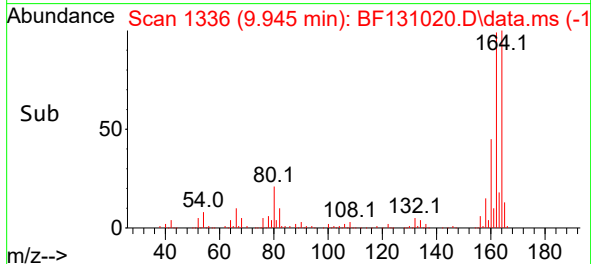
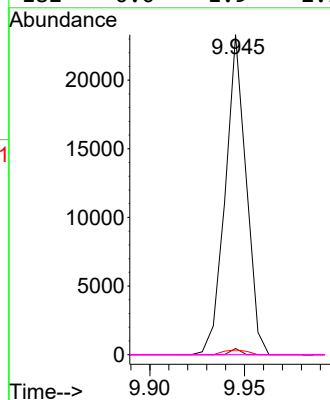
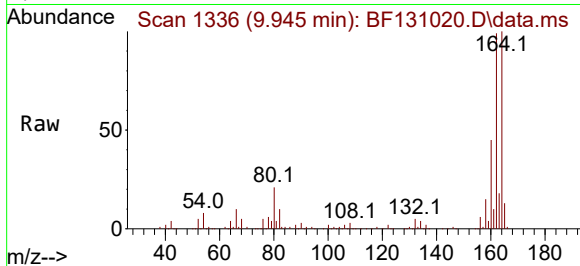




#57
2,4-Dinitrotoluene
Concen: 10.854 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

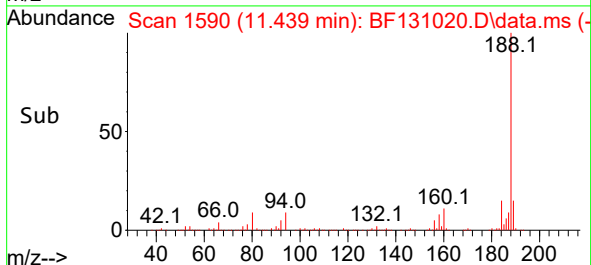
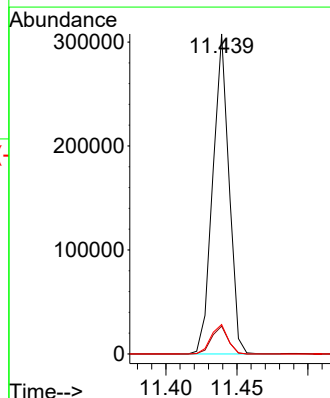
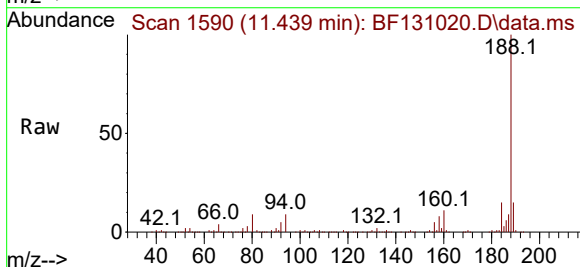
Instrument :
BNA_F
ClientSampleId :
SB-2

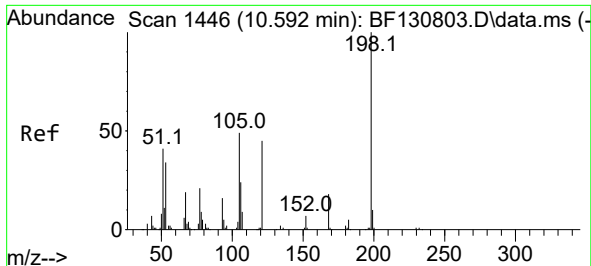
Tgt Ion:165 Resp: 17870
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 1.4 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

Tgt Ion:188 Resp: 244207
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.2 8.0 12.0

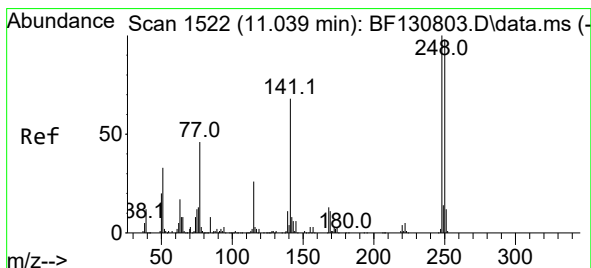
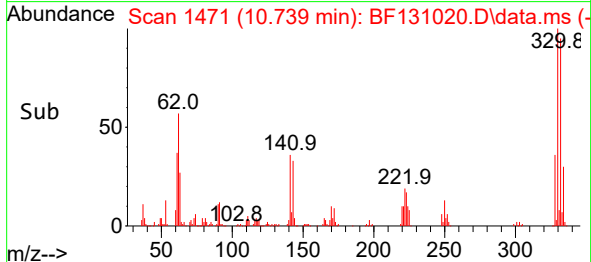
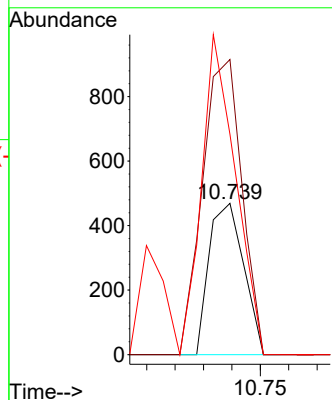
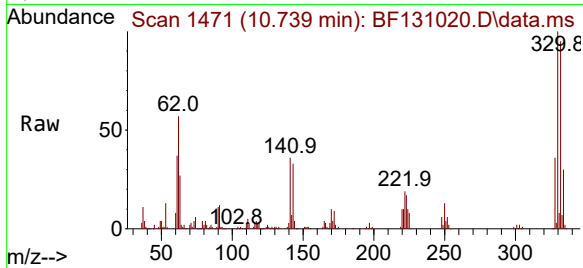




#65
4,6-Dinitro-2-methylphenol
Concen: 8.252 ng
RT: 10.739 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

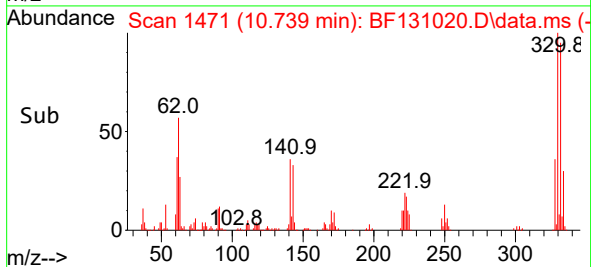
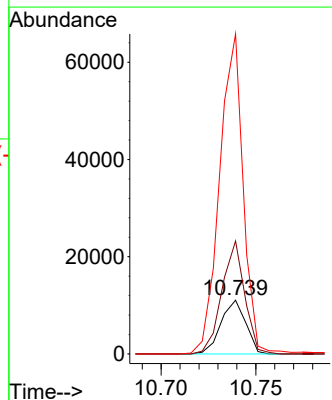
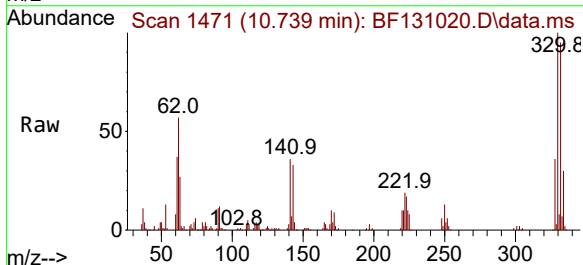
Instrument :
BNA_F
ClientSampleId :
SB-2

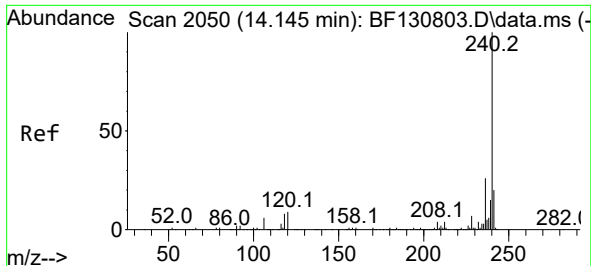
Tgt Ion:198 Resp: 396
Ion Ratio Lower Upper
198 100
51 195.1 39.0 79.0#
105 145.6 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.108 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.247 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

Tgt Ion:248 Resp: 10088
Ion Ratio Lower Upper
248 100
250 209.8 78.6 117.8#
141 594.5 54.2 81.4#

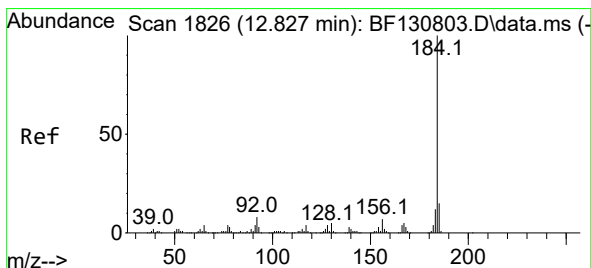
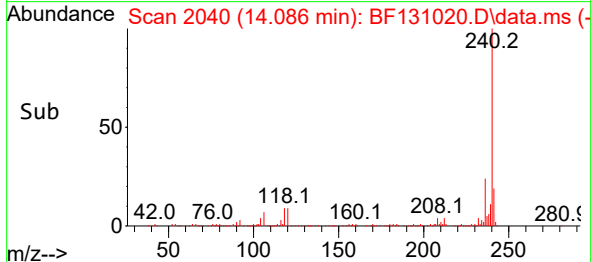
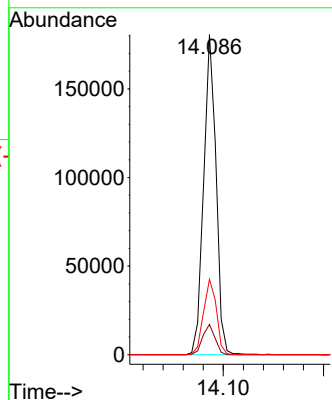
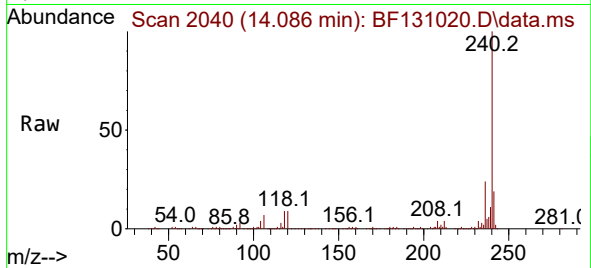




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

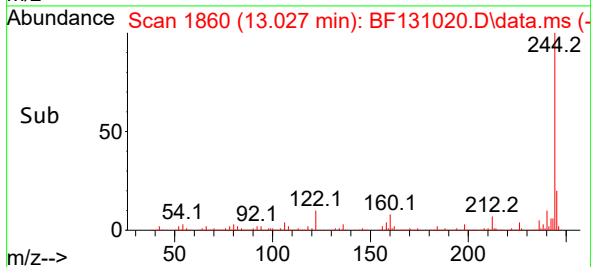
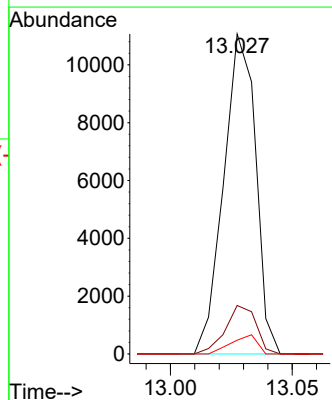
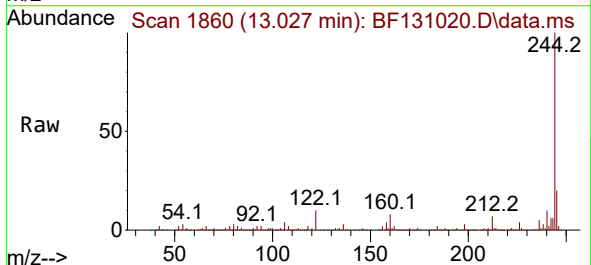
Instrument :
BNA_F
ClientSampleId :
SB-2

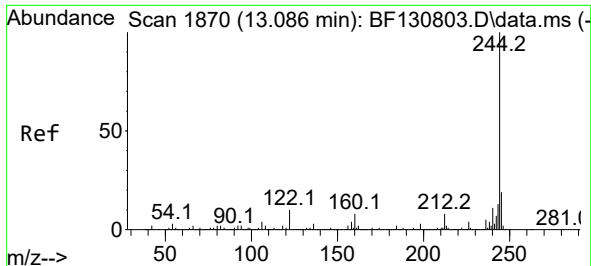
Tgt Ion:240 Resp: 155487
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.4
236 23.5 20.5 30.7



#77
Benzidine
Concen: 2.683 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.247 min
Lab File: BF131020.D
Acq: 05 Nov 2022 15:24

Tgt Ion:184 Resp: 10126
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.8
183 4.3 9.7 14.5#

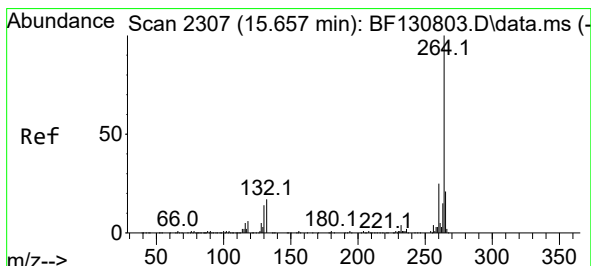
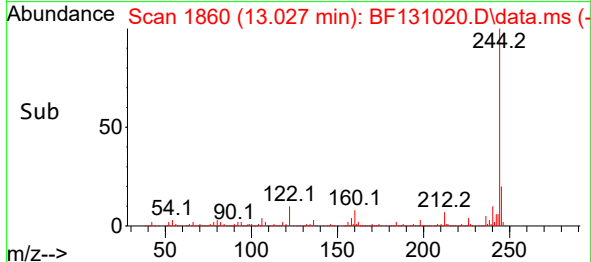
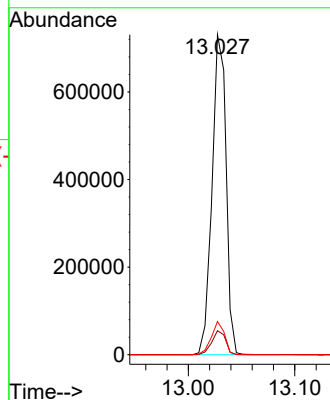
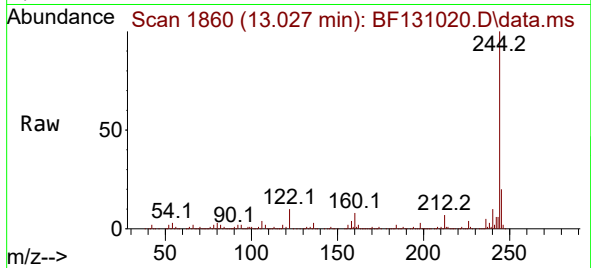




#79
 Terphenyl-d14
 Concen: 78.728 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131020.D
 Acq: 05 Nov 2022 15:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion:244 Resp: 668021
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.3 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131020.D
 Acq: 05 Nov 2022 15:24

Tgt Ion:264 Resp: 132359
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.9 29.9
 265 19.9 17.0 25.6

