

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131528.D
 Acq On : 06 Dec 2022 15:20
 Operator : CG\JU
 Sample : PB149432BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149432BL

Quant Time: Dec 07 03:21:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

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

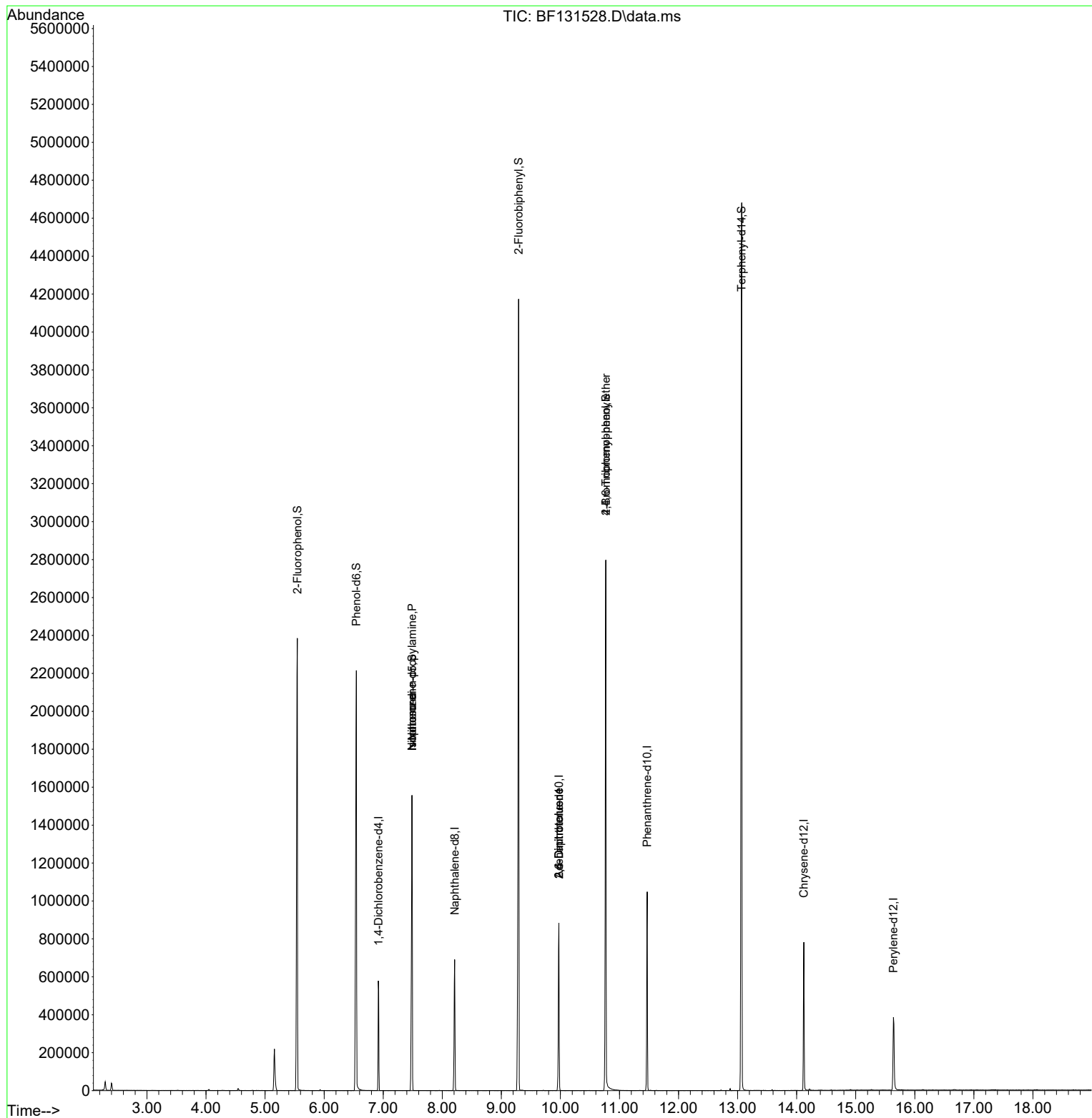
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	87030	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	327207	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	192878	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	379727	20.000	ng	0.00
76) Chrysene-d12	14.121	240	277385	20.000	ng	0.00
86) Perylene-d12	15.639	264	210838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	760564	149.236	ng	0.02
7) Phenol-d6	6.545	99	891681	140.111	ng	0.00
23) Nitrobenzene-d5	7.487	82	577948	81.067	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	373236	169.948	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1336567	90.906	ng	0.00
79) Terphenyl-d14	13.069	244	1796173	97.789	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.487	70	81103	18.830	ng	# 76
25) Isophorone	7.487	82	576103	51.949	ng	# 67
51) 2,6-Dinitrotoluene	9.975	165	24928	8.369	ng	# 21
57) 2,4-Dinitrotoluene	9.975	165	24928	6.378	ng	# 15
67) 4-Bromophenyl-phenylether	10.769	248	23040	4.850	ng	# 1
77) Benzidine	12.810	184	816	Below Cal		# 66

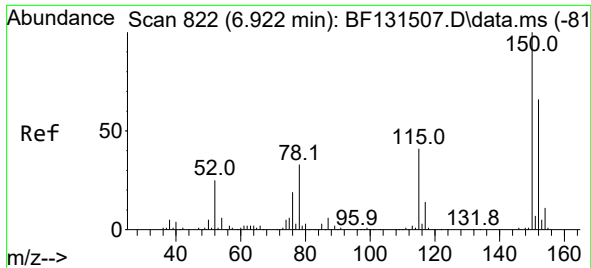
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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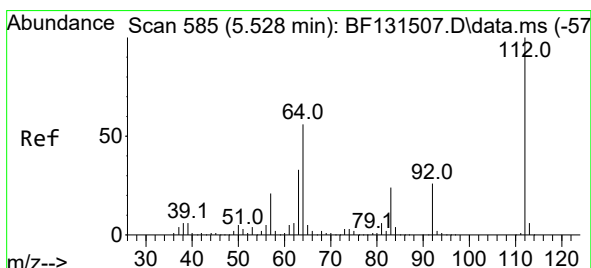
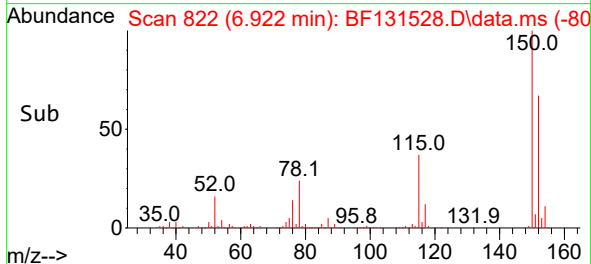
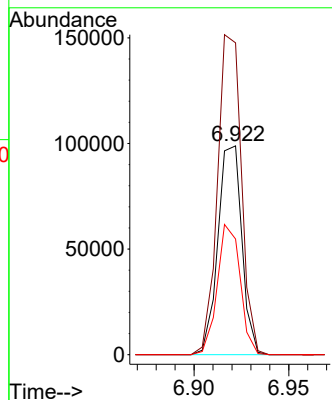
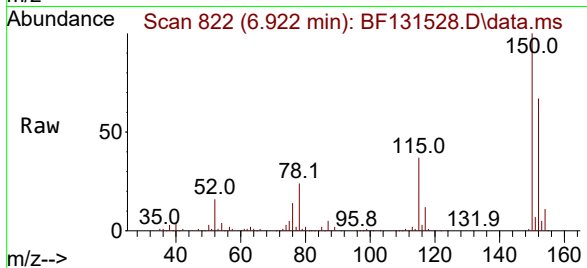




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

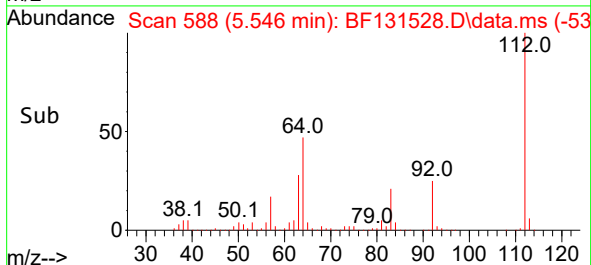
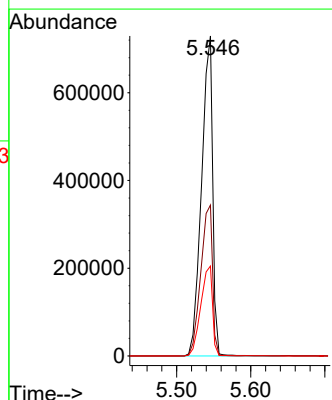
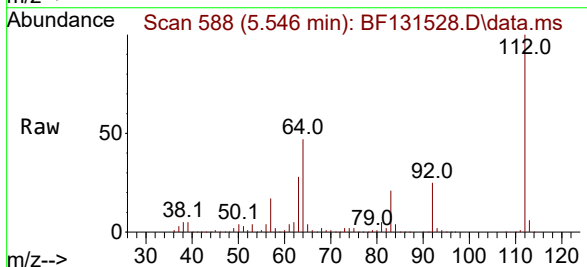
Instrument :
BNA_F
ClientSampleId :
PB149432BL

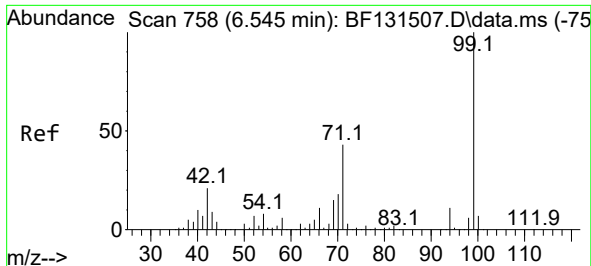
Tgt Ion:152 Resp: 87030
Ion Ratio Lower Upper
152 100
150 149.3 121.9 182.9
115 55.4 50.4 75.6



#5
2-Fluorophenol
Concen: 149.236 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

Tgt Ion:112 Resp: 760564
Ion Ratio Lower Upper
112 100
64 47.2 44.5 66.7
63 28.1 26.7 40.1

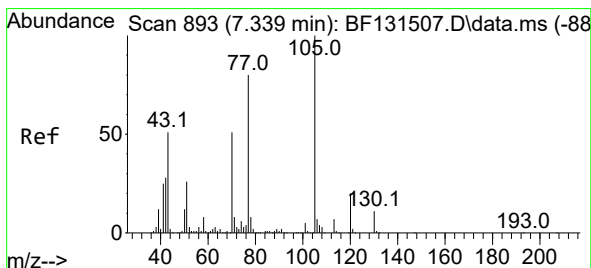
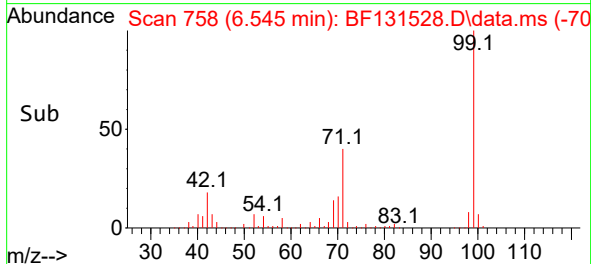
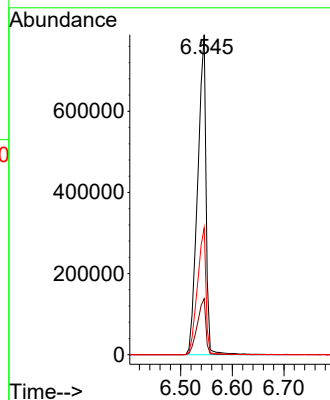
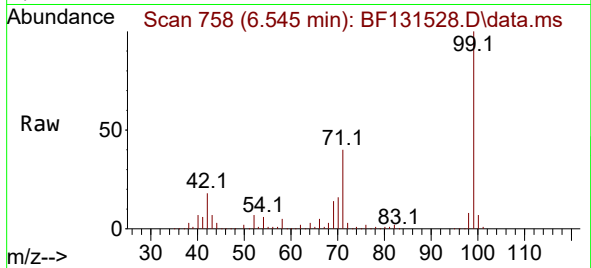




#7
Phenol-d6
Concen: 140.111 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

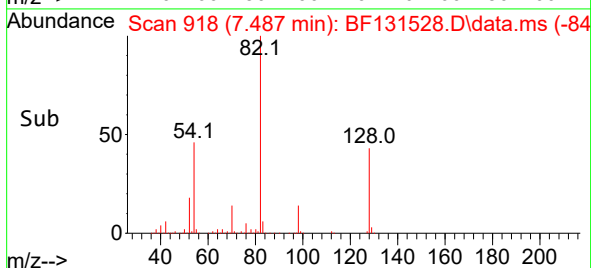
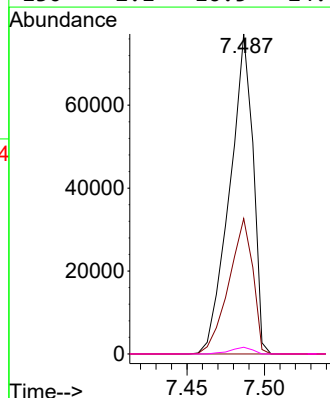
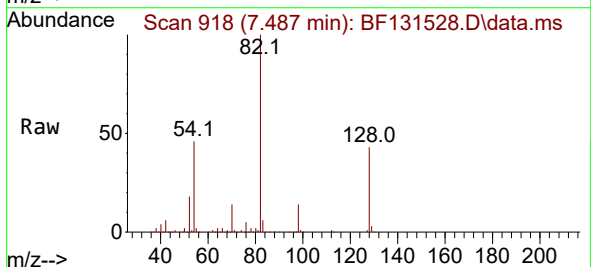
Instrument :
BNA_F
ClientSampleId :
PB149432BL

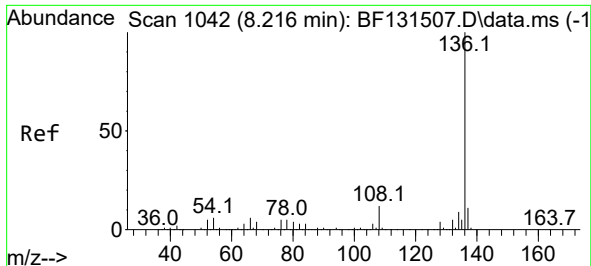
Tgt Ion: 99 Resp: 891681
Ion Ratio Lower Upper
99 100
42 17.5 16.6 25.0
71 39.6 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.830 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

Tgt Ion: 70 Resp: 81103
Ion Ratio Lower Upper
70 100
42 42.3 44.1 66.1#
101 0.0 7.7 11.5#
130 2.1 16.5 24.7#

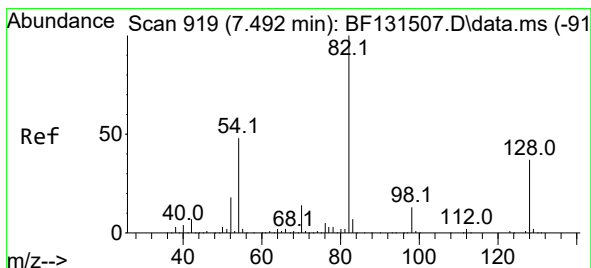
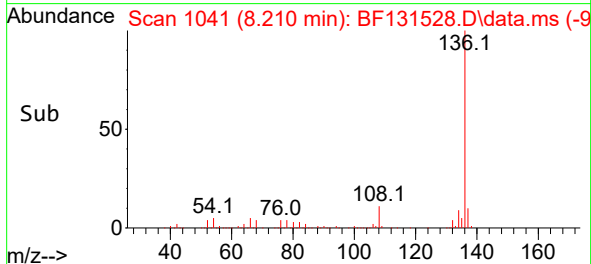
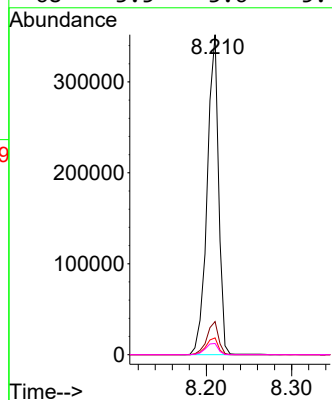
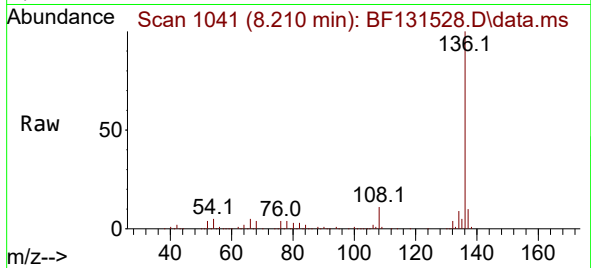




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

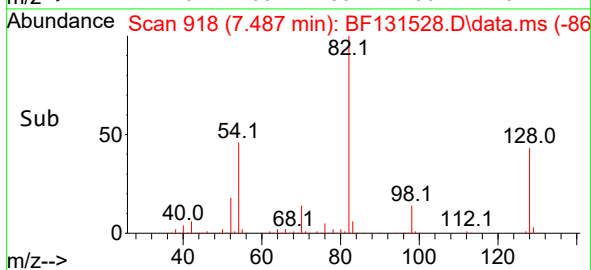
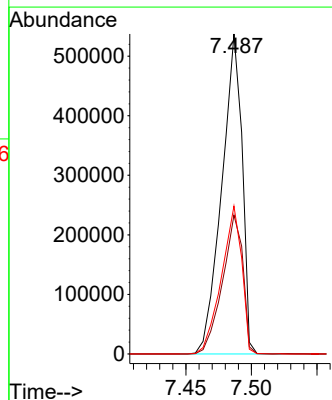
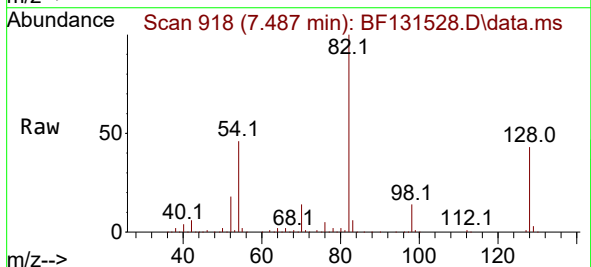
Instrument :
BNA_F
ClientSampleId :
PB149432BL

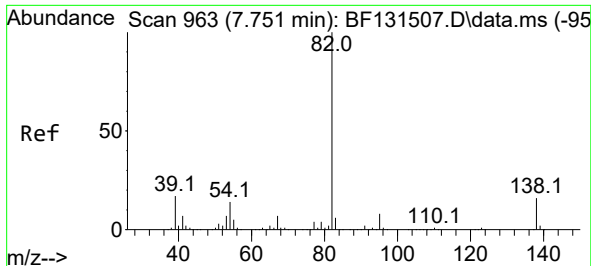
Tgt Ion:136 Resp: 327207
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 5.3 5.0 7.6
68 3.5 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 81.067 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

Tgt Ion: 82 Resp: 577948
Ion Ratio Lower Upper
82 100
128 43.4 29.7 44.5
54 46.2 38.7 58.1

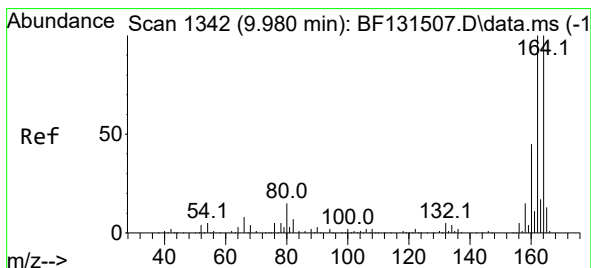
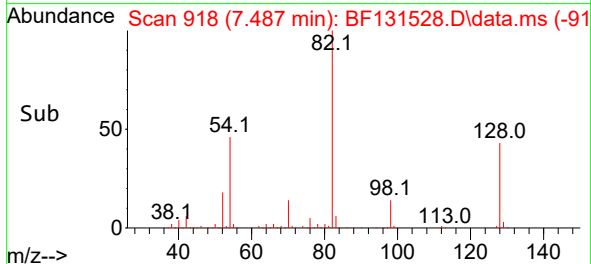
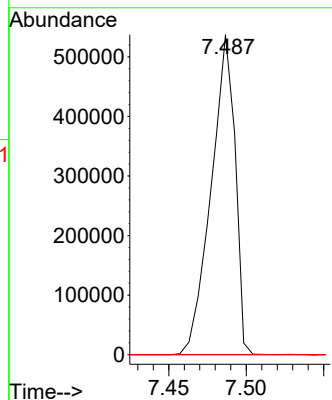
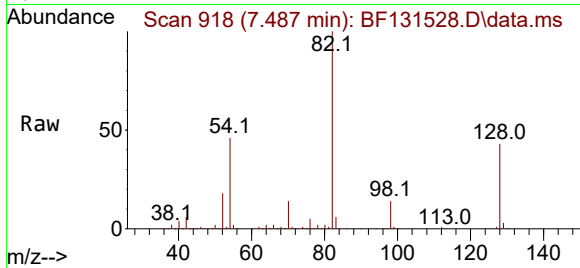




#25
Isophorone
Concen: 51.949 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

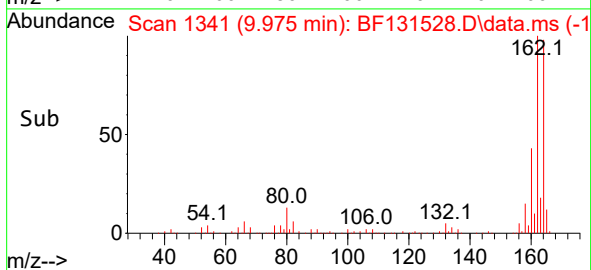
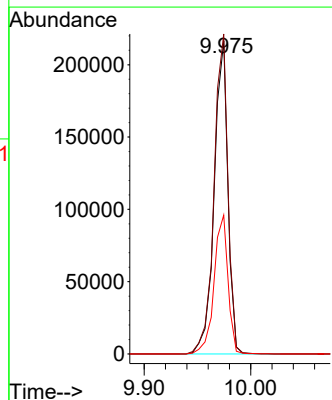
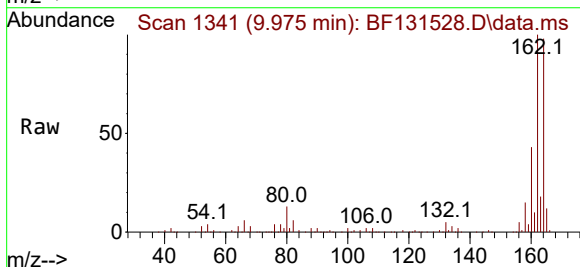
Instrument :
BNA_F
ClientSampleId :
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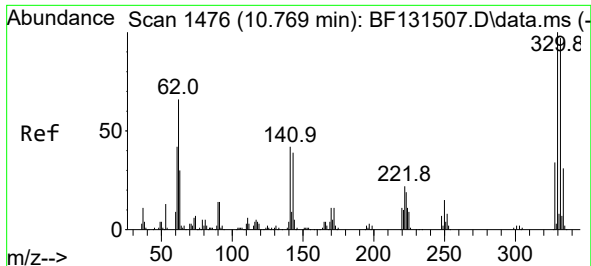
Tgt Ion: 82 Resp: 576103
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

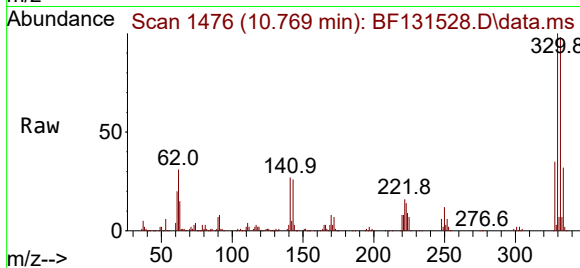
Tgt Ion: 164 Resp: 192878
Ion Ratio Lower Upper
164 100
162 102.2 80.1 120.1
160 44.4 36.4 54.6



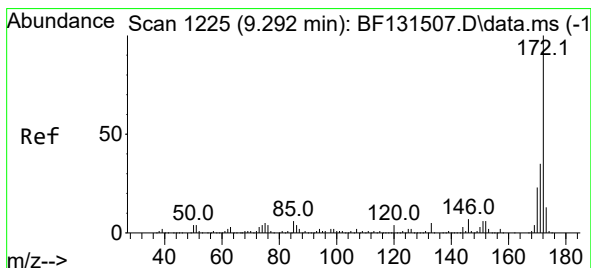
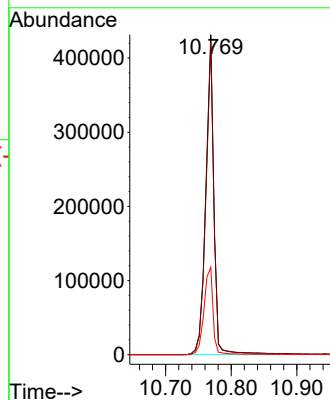
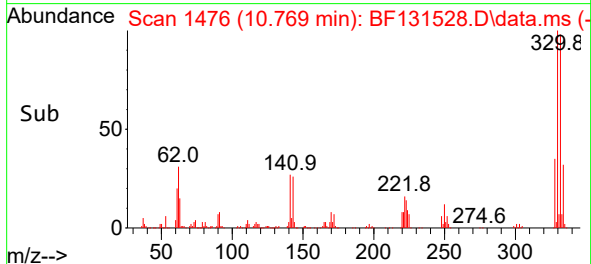


#42
2,4,6-Tribromophenol
Concen: 169.948 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

Instrument :
BNA_F
ClientSampleId :
PB149432BL

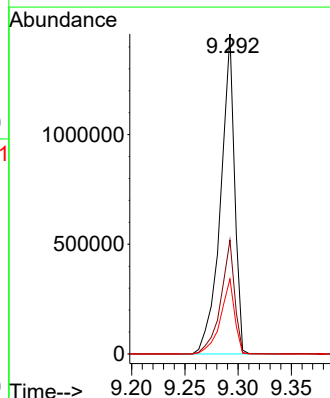
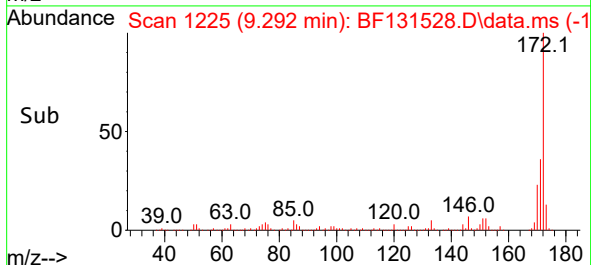
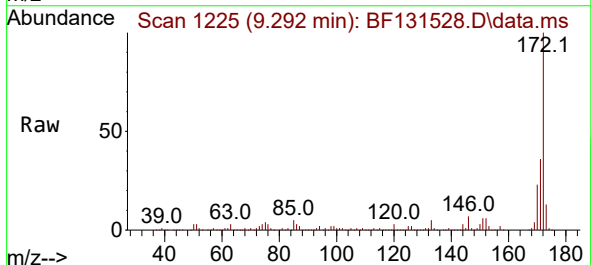


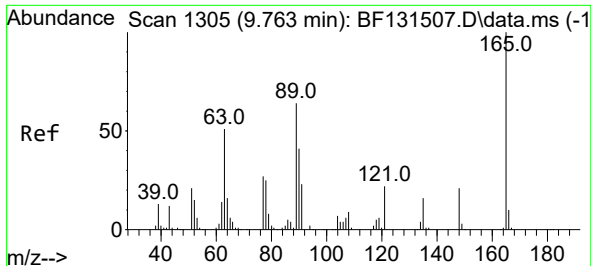
Tgt Ion: 330 Resp: 373236
Ion Ratio Lower Upper
330 100
332 96.4 78.2 117.2
141 30.7 29.1 43.7



#45
2-Fluorobiphenyl
Concen: 90.906 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

Tgt Ion: 172 Resp: 1336567
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 23.5 18.7 28.1

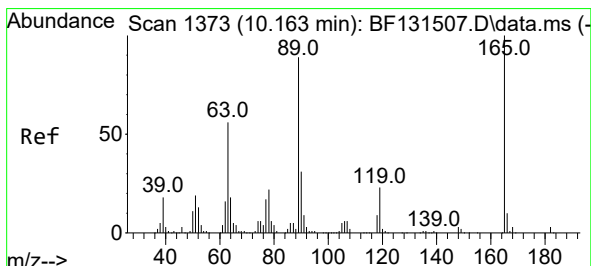
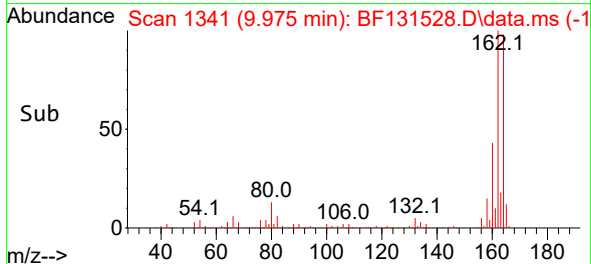
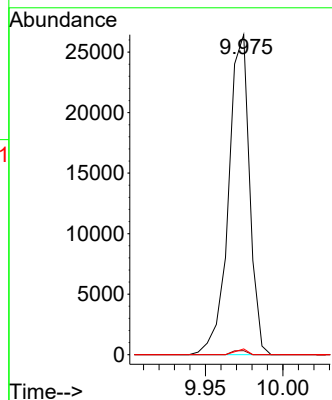
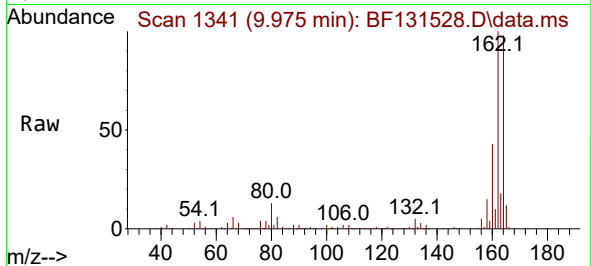




#51
2,6-Dinitrotoluene
Concen: 8.369 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.212 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

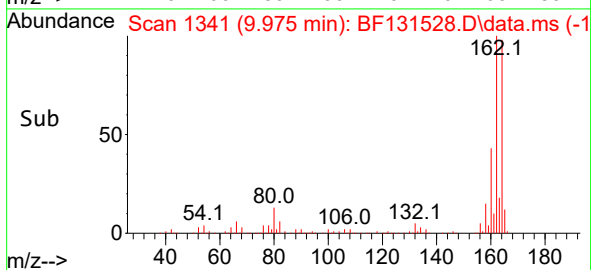
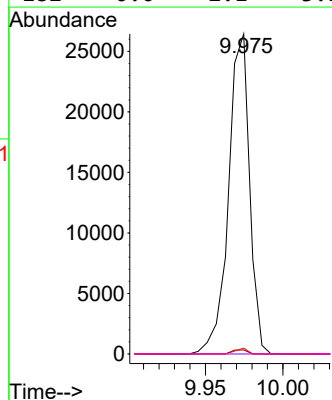
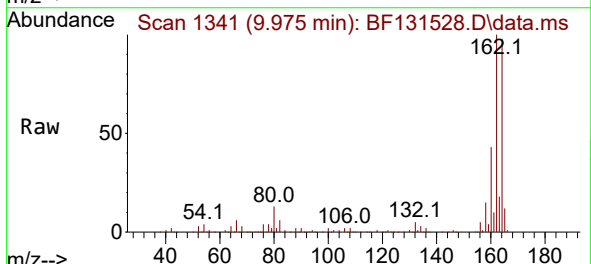
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ClientSampleId :
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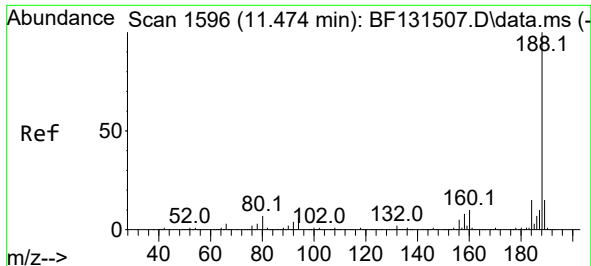
Tgt Ion:165 Resp: 24928
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.8 51.3 76.9#



#57
2,4-Dinitrotoluene
Concen: 6.378 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.188 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

Tgt Ion:165 Resp: 24928
Ion Ratio Lower Upper
165 100
63 1.2 45.3 67.9#
89 1.8 71.0 106.4#
182 0.0 2.1 3.1#

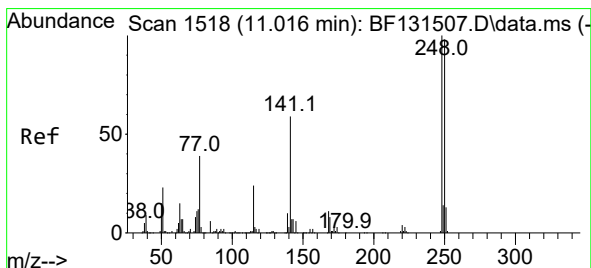
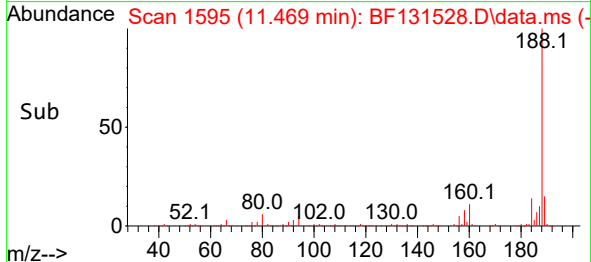
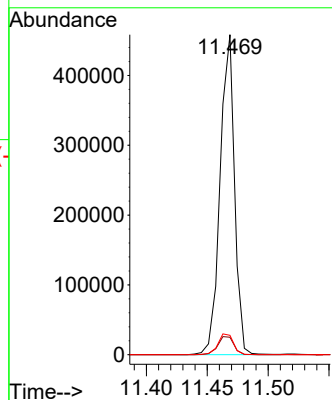
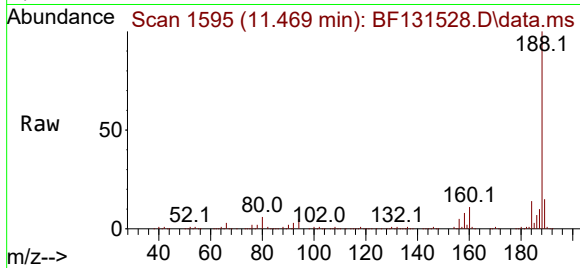




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

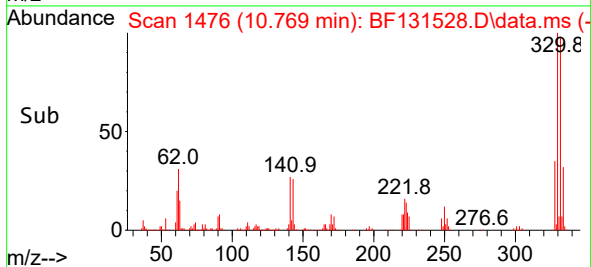
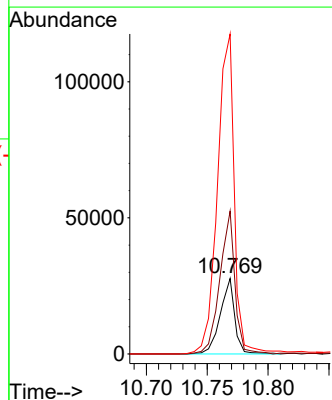
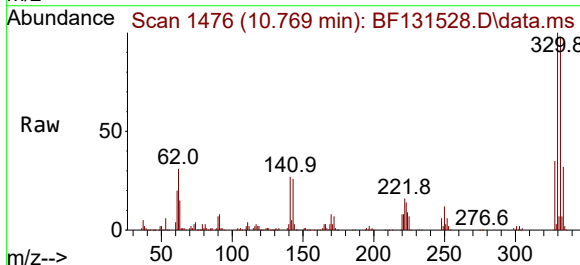
Instrument :
BNA_F
ClientSampleId :
PB149432BL

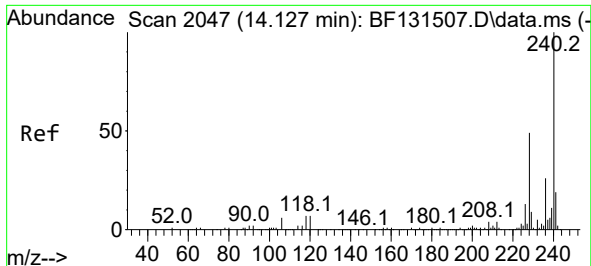
Tgt Ion:188 Resp: 379727
Ion Ratio Lower Upper
188 100
94 5.5 5.1 7.7
80 6.1 5.9 8.9



#67
4-Bromophenyl-phenylether
Concen: 4.850 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.247 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

Tgt Ion:248 Resp: 23040
Ion Ratio Lower Upper
248 100
250 189.1 78.6 117.8#
141 423.6 47.1 70.7#

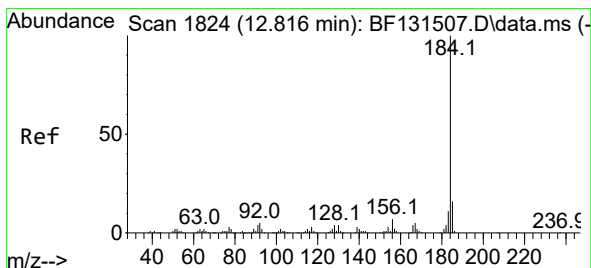
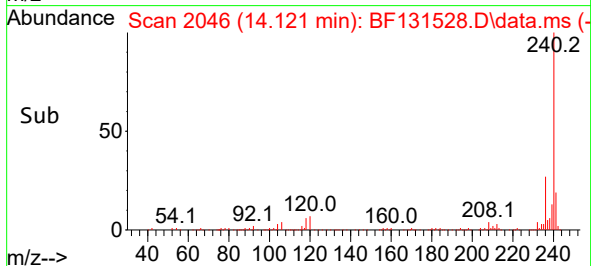
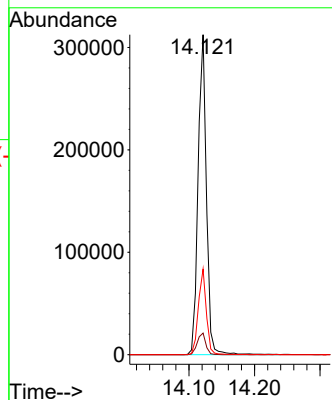
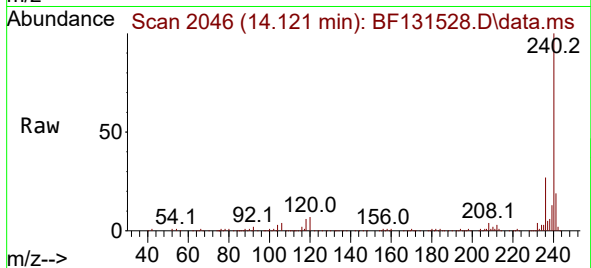




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

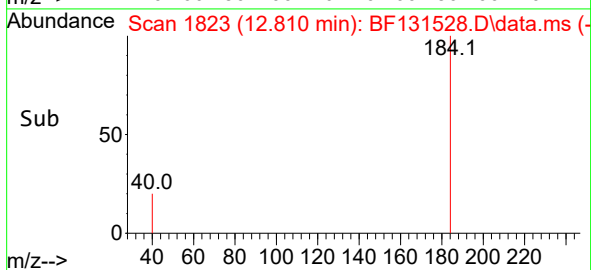
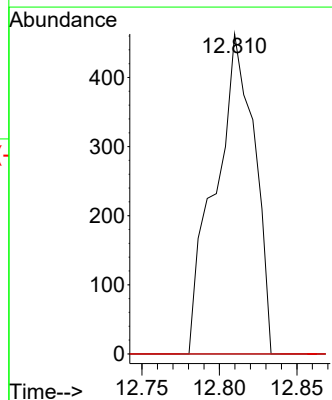
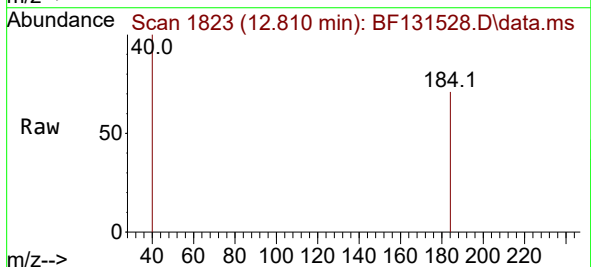
Instrument :
BNA_F
ClientSampleId :
PB149432BL

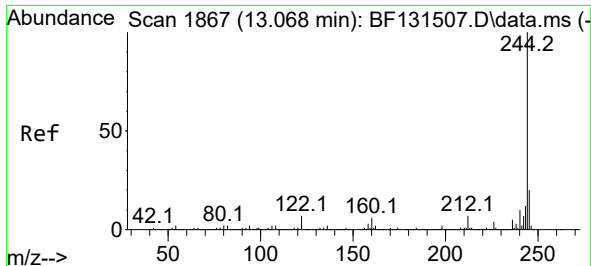
Tgt Ion:240 Resp: 277385
Ion Ratio Lower Upper
240 100
120 6.8 5.6 8.4
236 26.8 20.6 31.0



#77
Benzidine
Concen: Below Cal
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF131528.D
Acq: 06 Dec 2022 15:20

Tgt Ion:184 Resp: 816
Ion Ratio Lower Upper
184 100
185 0.0 12.6 19.0#
183 0.0 9.0 13.4#

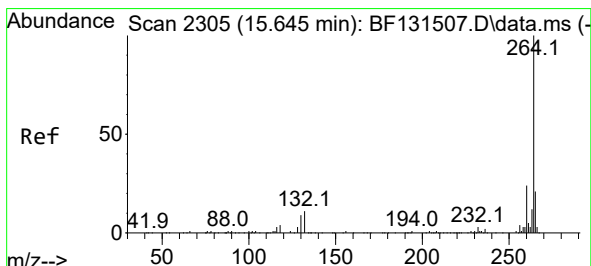
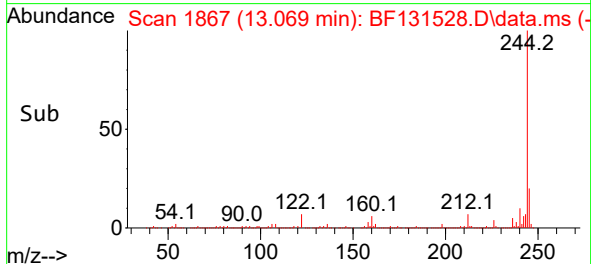
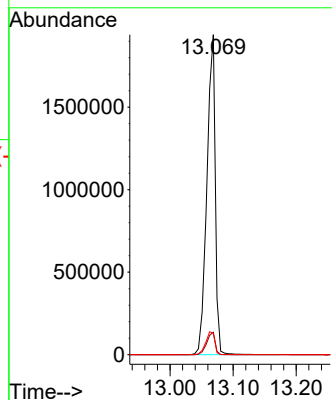
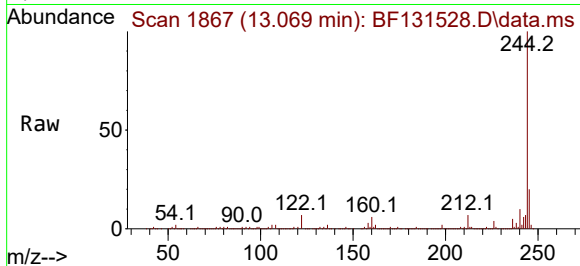




#79
 Terphenyl-d14
 Concen: 97.789 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131528.D
 Acq: 06 Dec 2022 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PB149432BL

Tgt Ion:244 Resp: 1796173
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 6.7 5.4 8.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF131528.D
 Acq: 06 Dec 2022 15:20

Tgt Ion:264 Resp: 210838
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 21.2 17.0 25.4

