

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131726.D
 Acq On : 20 Dec 2022 22:14
 Operator : CG\JU
 Sample : N6076-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A

Quant Time: Dec 21 04:49:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

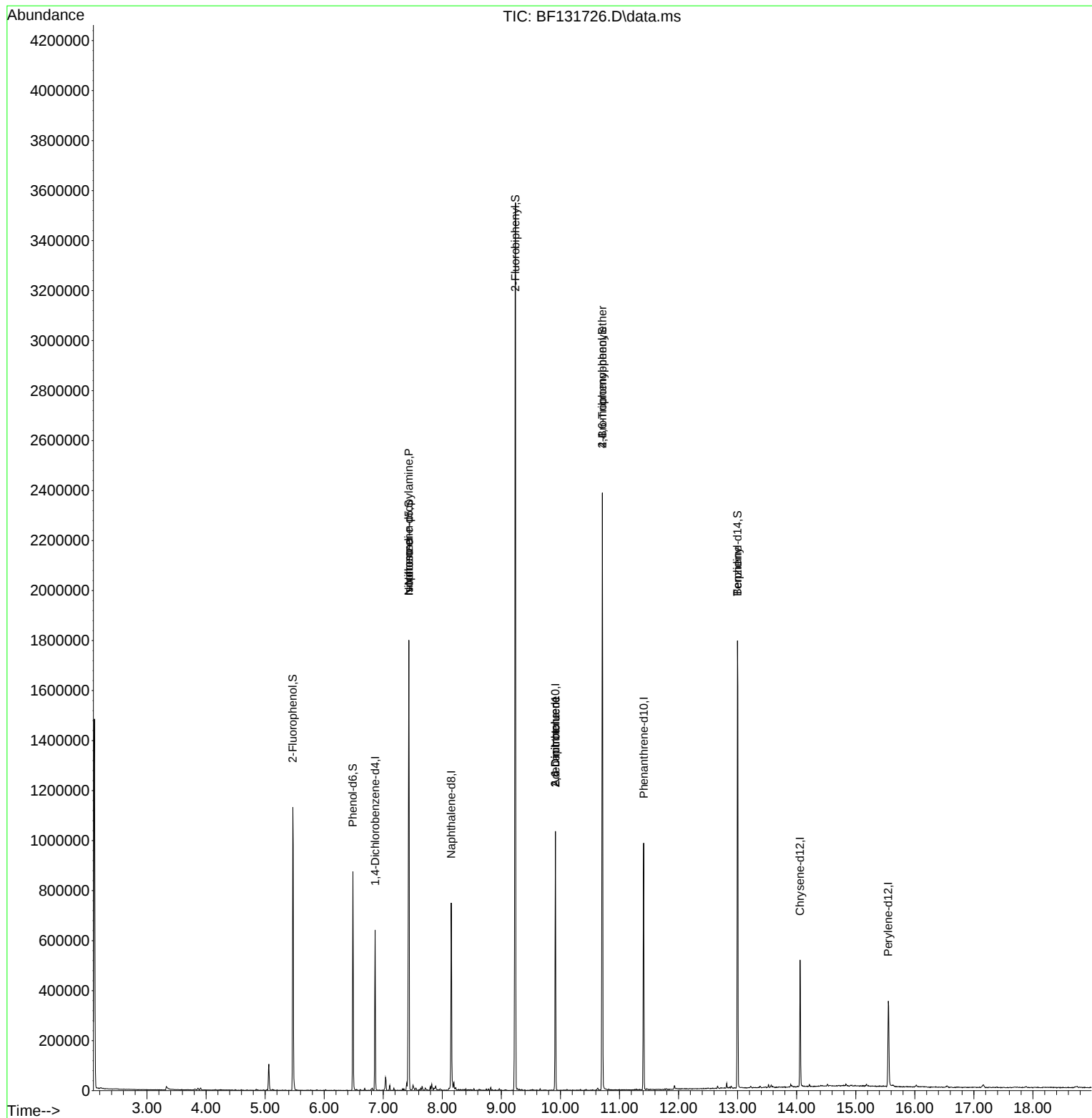
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	81591	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	301014	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	179704	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	342647	20.000	ng	0.00
76) Chrysene-d12	14.057	240	159552	20.000	ng	0.00
86) Perylene-d12	15.551	264	164541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	273341	56.412	ng	0.00
7) Phenol-d6	6.487	99	238113	36.511	ng	-0.02
23) Nitrobenzene-d5	7.434	82	636951	85.902	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	263158	133.791	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1149892	89.636	ng	0.00
79) Terphenyl-d14	12.998	244	608433	59.433	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	385	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.434	70	89601	19.050	ng	# 78
25) Isophorone	7.434	82	634567	50.393	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	23027	7.920	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	23027	5.894	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	18831	4.653	ng	# 1
77) Benizidine	12.998	184	9427	3.222	ng	# 92

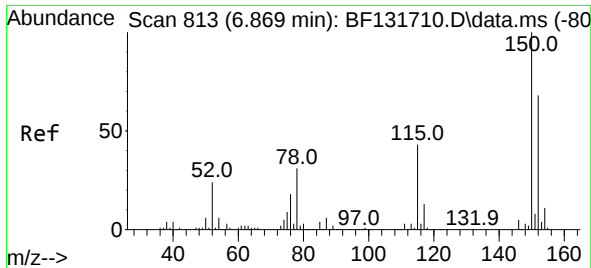
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
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ALS Vial : 11 Sample Multiplier: 1

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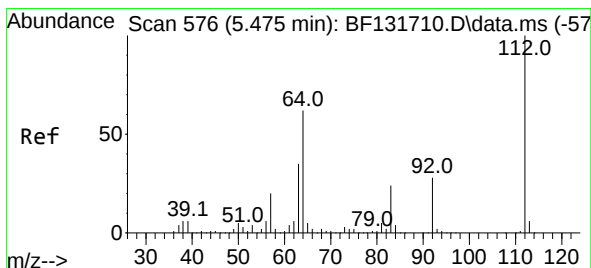
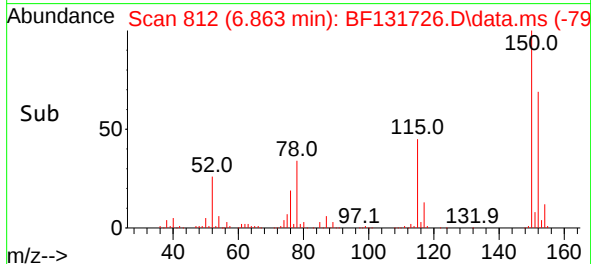
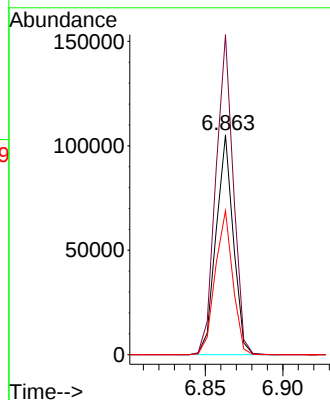
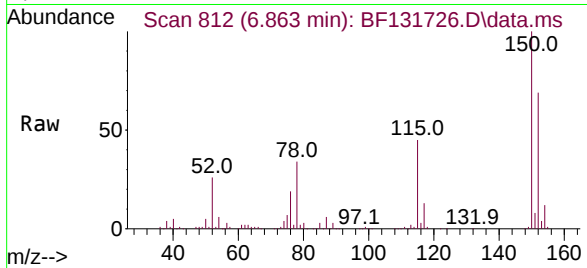




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

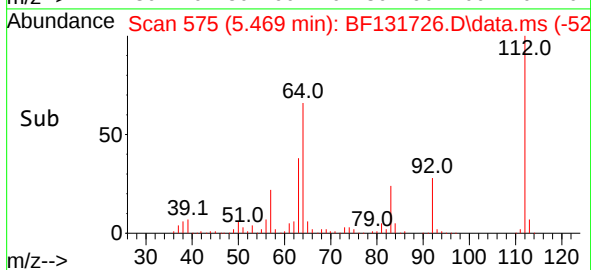
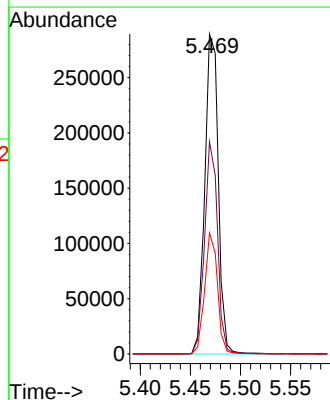
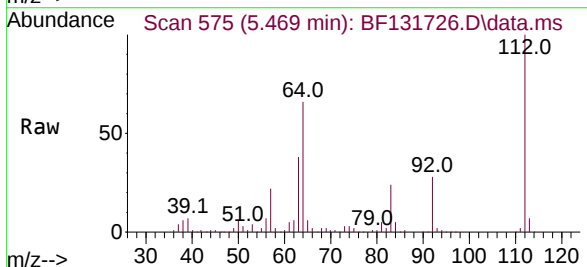
Instrument :
BNA_F
ClientSampleId :
MW-2A

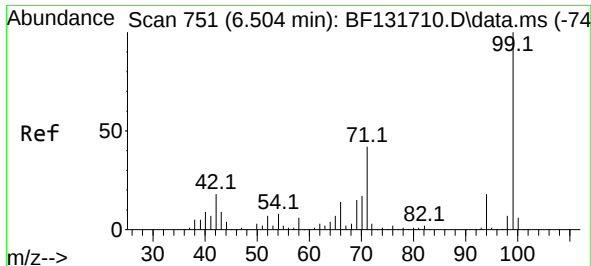
Tgt Ion:152 Resp: 81591
Ion Ratio Lower Upper
152 100
150 145.5 117.4 176.0
115 65.5 50.2 75.4



#5
2-Fluorophenol
Concen: 56.412 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

Tgt Ion:112 Resp: 273341
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 37.9 28.2 42.2

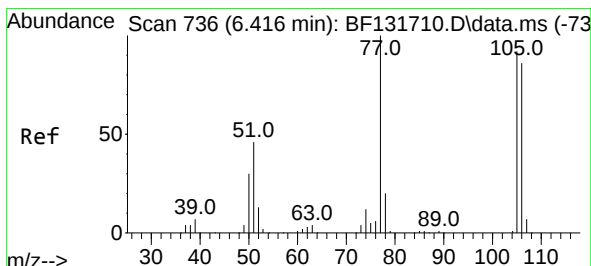
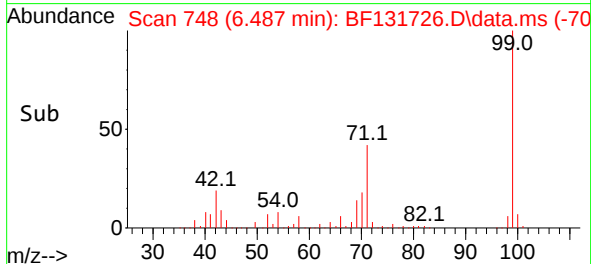
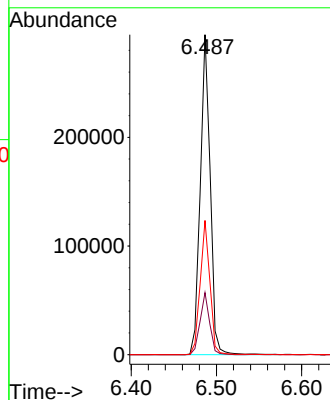
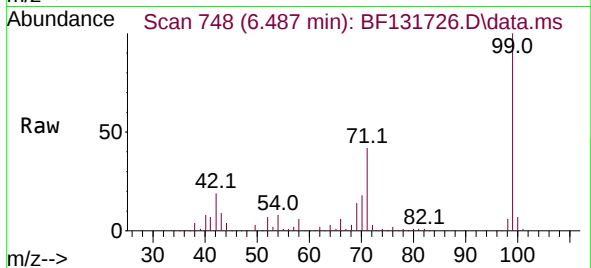




#7
Phenol-d6
Concen: 36.511 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

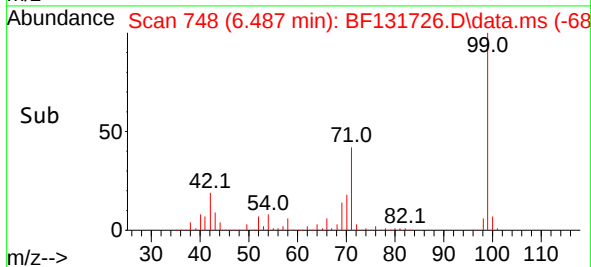
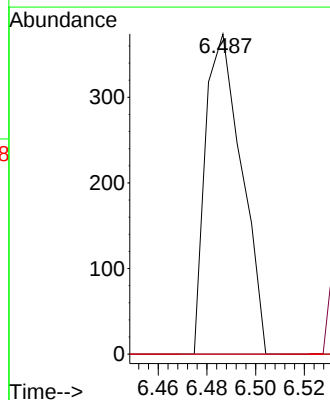
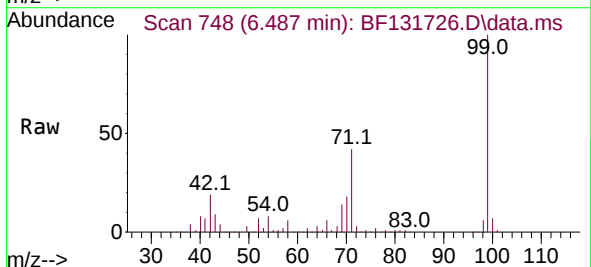
Instrument :
BNA_F
ClientSampleId :
MW-2A

Tgt Ion: 99 Resp: 238113
Ion Ratio Lower Upper
99 100
42 19.4 14.8 22.2
71 42.0 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 748
Delta R.T. 0.071 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

Tgt Ion: 77 Resp: 385
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

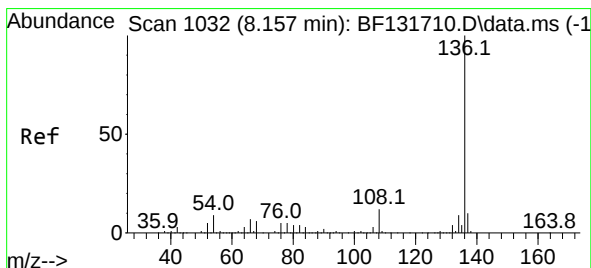
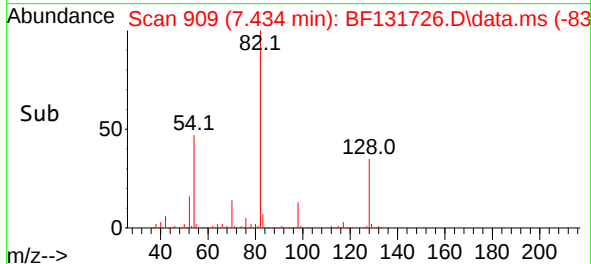
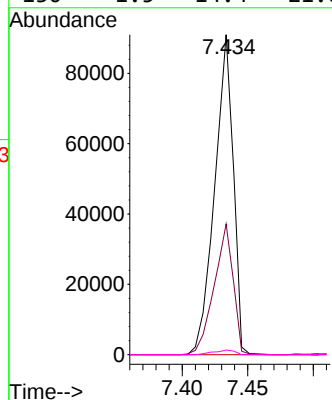
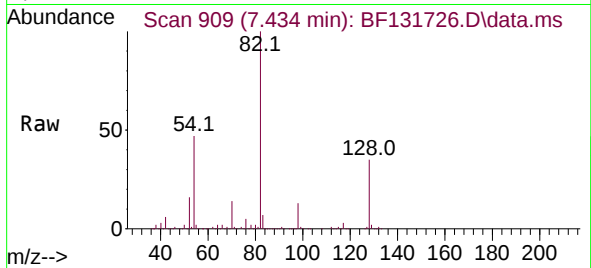




#19
n-Nitroso-di-n-propylamine
Concen: 19.050 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

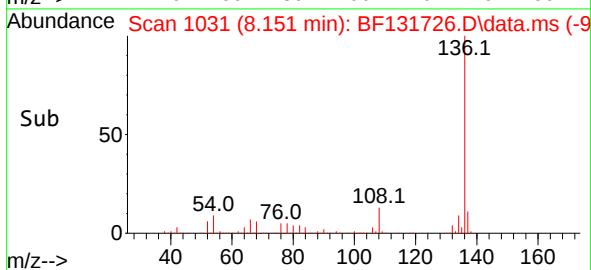
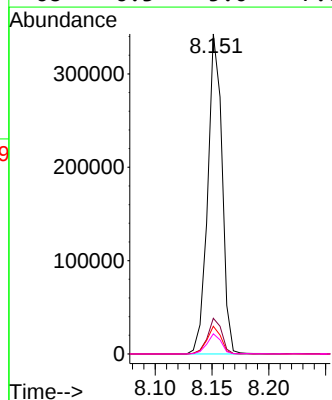
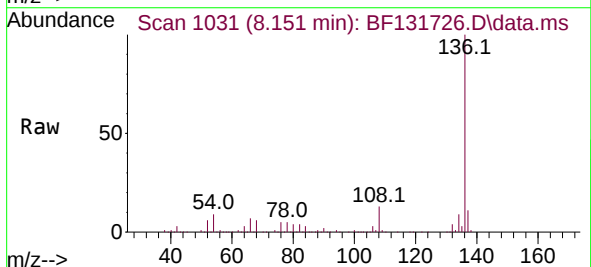
Instrument :
BNA_F
ClientSampleId :
MW-2A

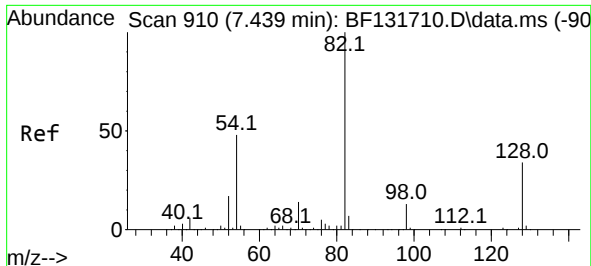
Tgt Ion: 70	Resp: 89601
Ion Ratio	Lower Upper
70 100	
42 40.9	41.5 62.3#
101 0.0	7.3 10.9#
130 1.5	14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

Tgt Ion: 136	Resp: 301014
Ion Ratio	Lower Upper
136 100	
137 11.1	8.4 12.6
54 8.6	7.2 10.8
68 6.3	5.0 7.6

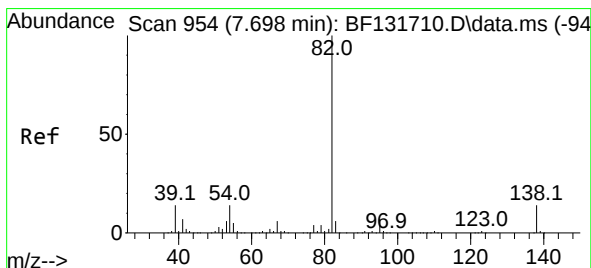
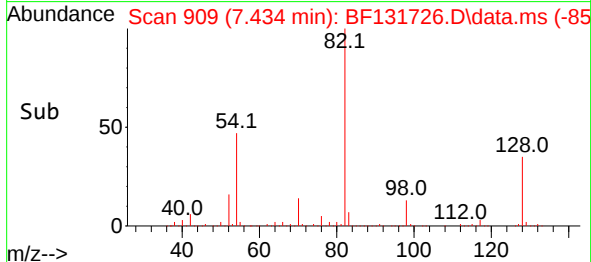
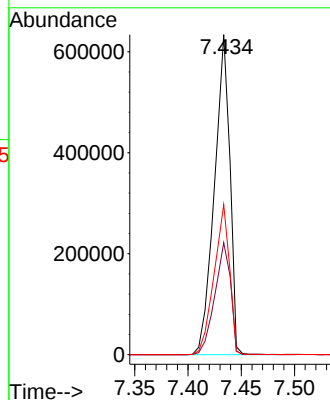
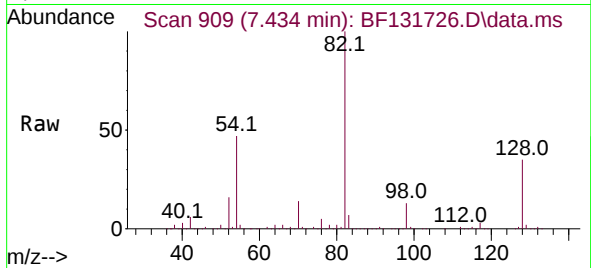




#23
Nitrobenzene-d5
Concen: 85.902 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

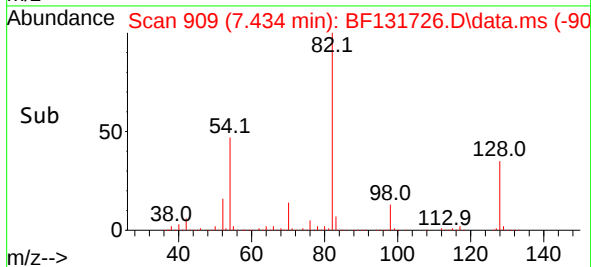
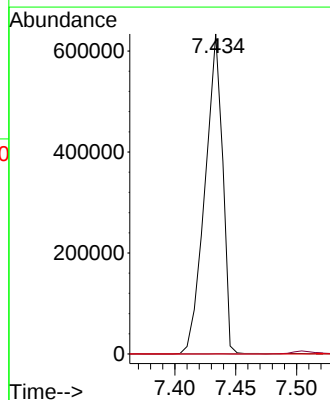
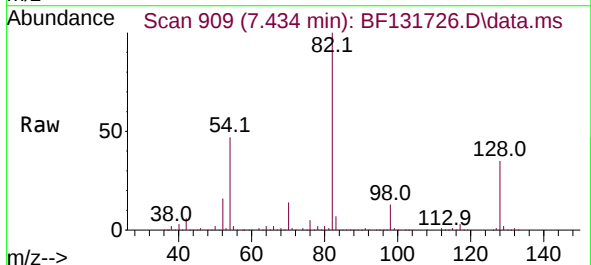
Instrument :
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ClientSampleId :
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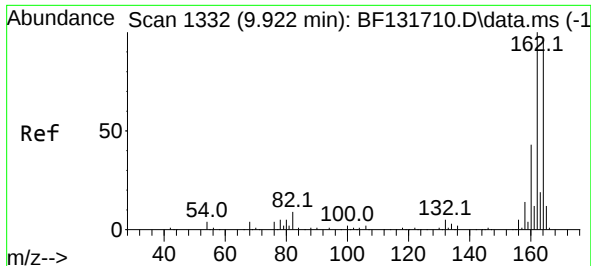
Tgt Ion: 82 Resp: 636951
Ion Ratio Lower Upper
82 100
128 35.0 27.3 40.9
54 46.9 38.2 57.2



#25
Isophorone
Concen: 50.393 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

Tgt Ion: 82 Resp: 634567
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 11.6 17.4#

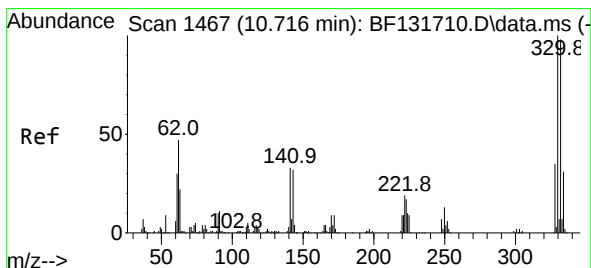
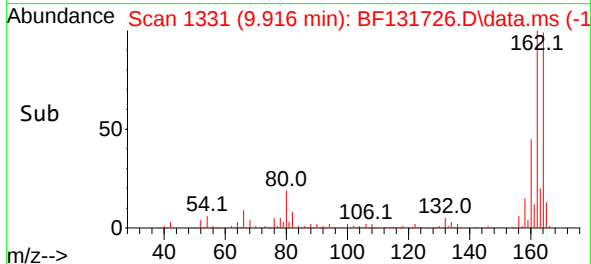
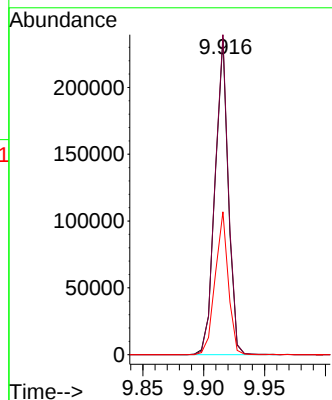
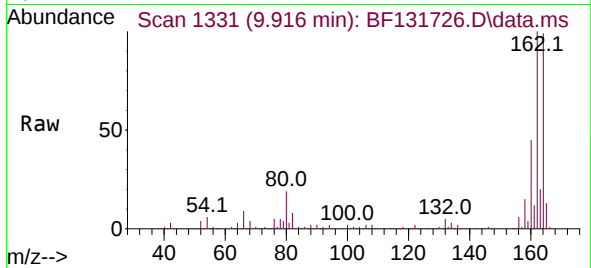




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

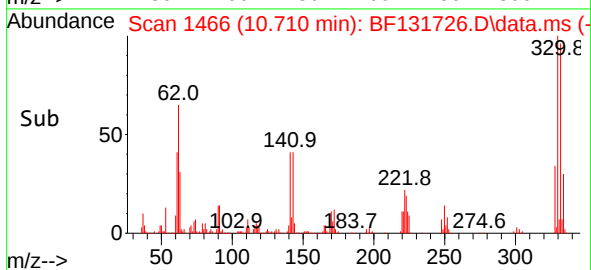
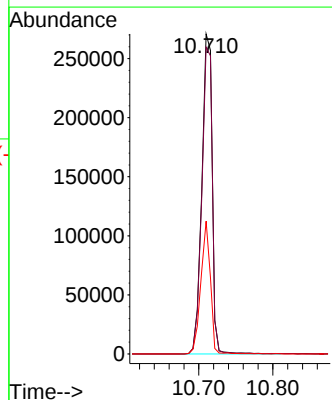
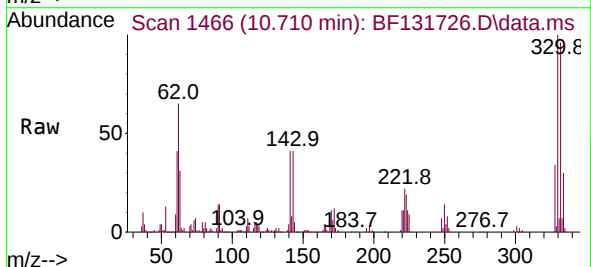
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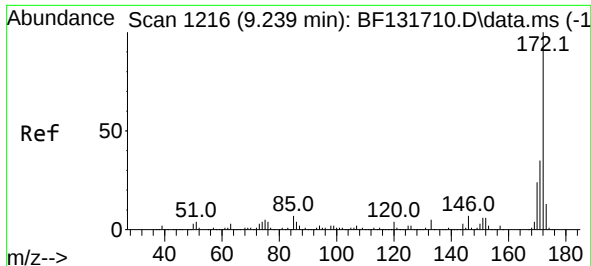
Tgt Ion:164 Resp: 179704
Ion Ratio Lower Upper
164 100
162 101.1 83.7 125.5
160 45.1 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 133.791 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

Tgt Ion:330 Resp: 263158
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 38.2 30.4 45.6

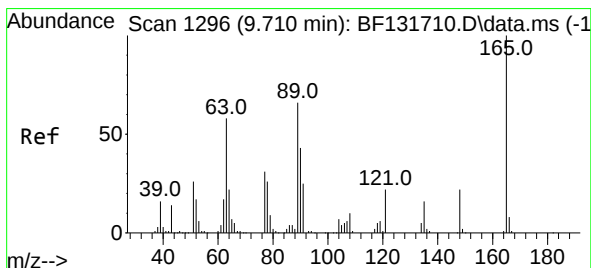
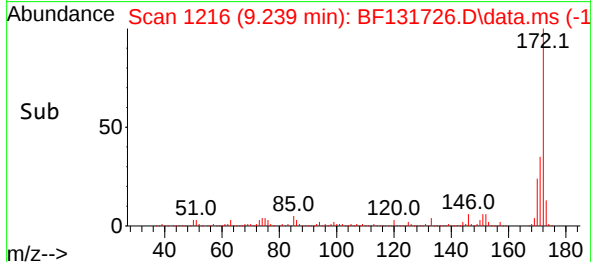
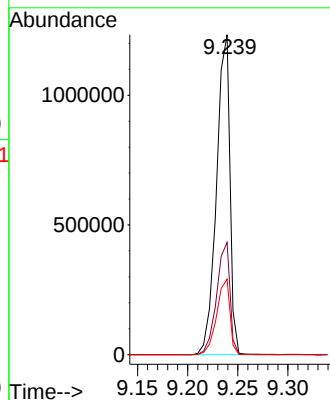
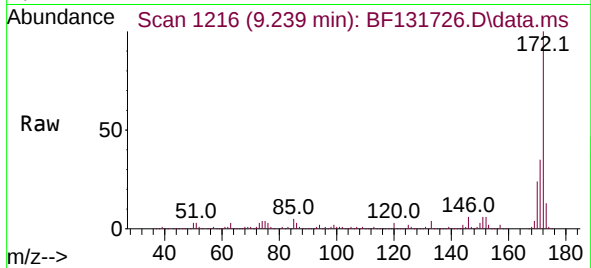




#45
2-Fluorobiphenyl
Concen: 89.636 ng
RT: 9.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

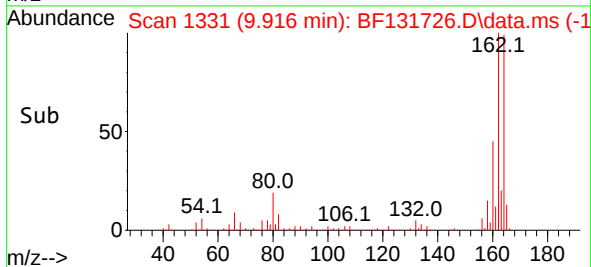
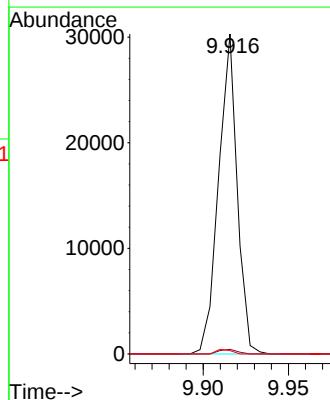
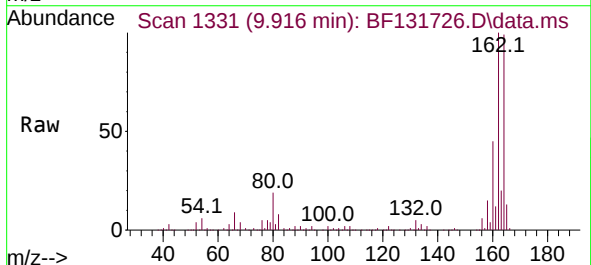
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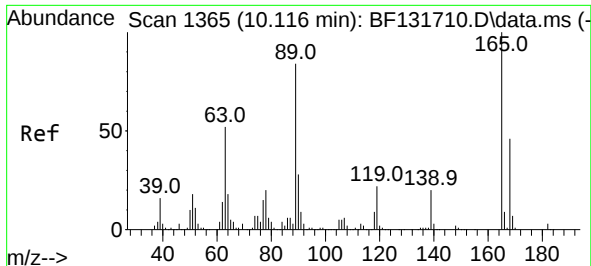
Tgt Ion:172 Resp: 1149892
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.6 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.920 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

Tgt Ion:165 Resp: 23027
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.8#
89 1.0 53.2 79.8#

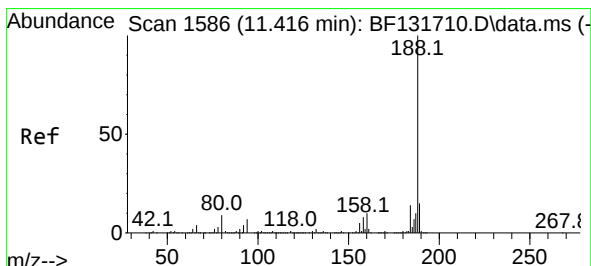
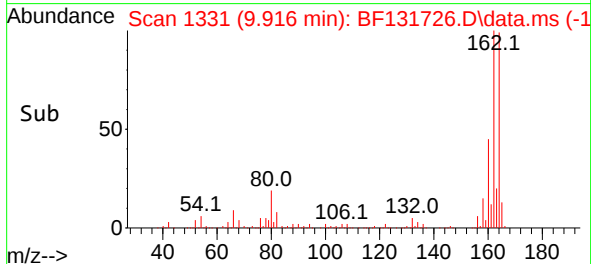
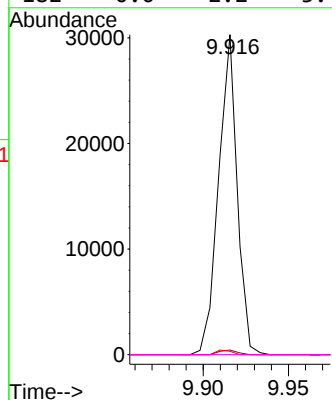
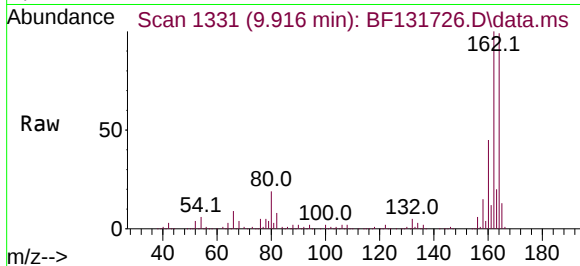




#57
2,4-Dinitrotoluene
Concen: 5.894 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

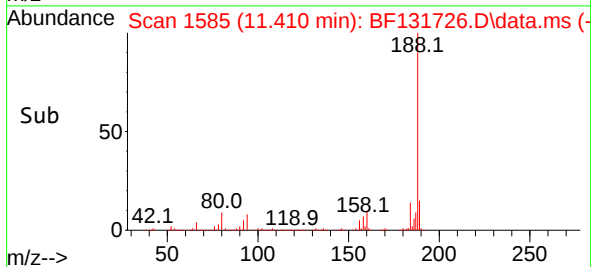
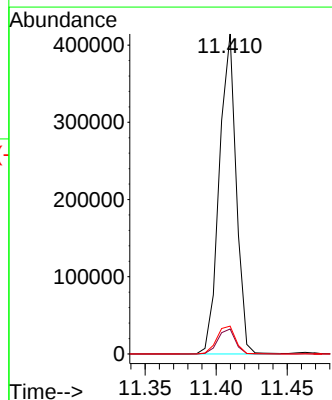
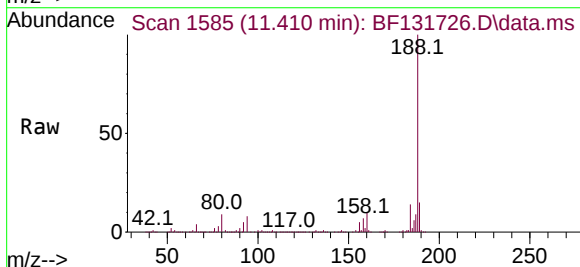
Instrument :
BNA_F
ClientSampleId :
MW-2A

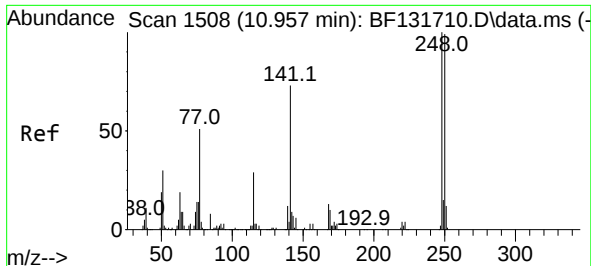
Tgt Ion:165 Resp: 23027
Ion Ratio Lower Upper
165 100
63 1.4 41.5 62.3#
89 1.0 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

Tgt Ion:188 Resp: 342647
Ion Ratio Lower Upper
188 100
94 7.8 5.9 8.9
80 8.7 7.0 10.6

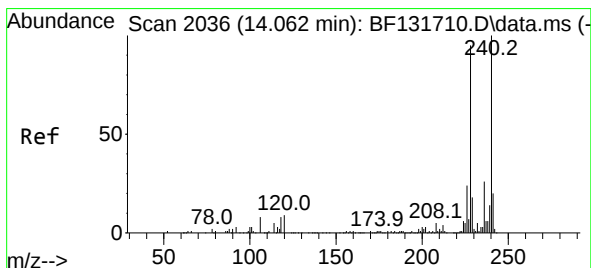
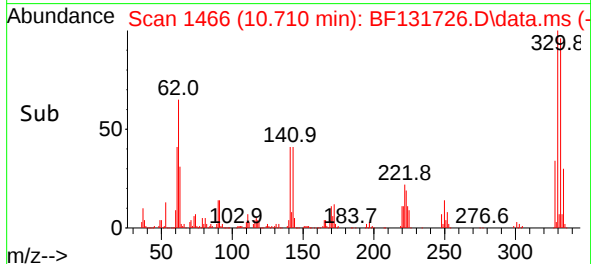
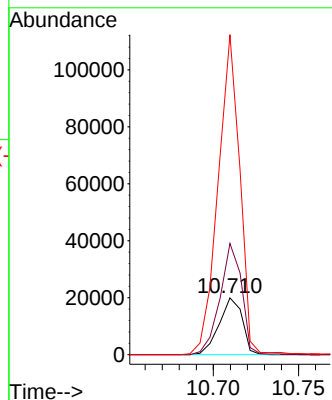
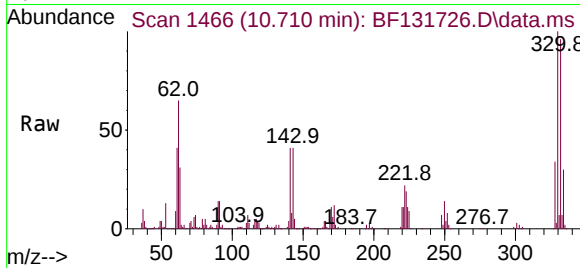




#67
4-Bromophenyl-phenylether
Concen: 4.653 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

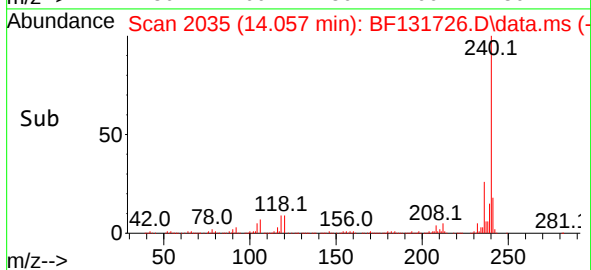
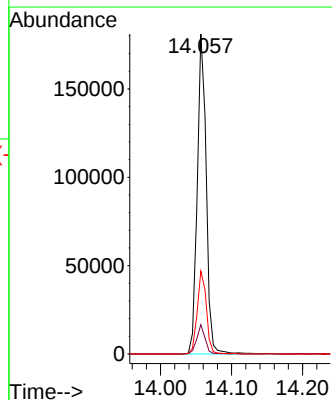
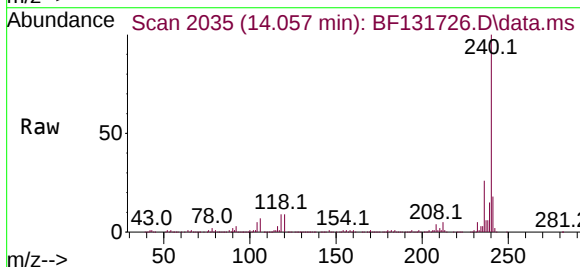
Instrument :
BNA_F
ClientSampleId :
MW-2A

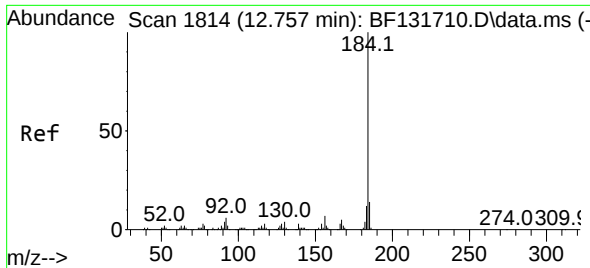
Tgt Ion:248 Resp: 18831
Ion Ratio Lower Upper
248 100
250 196.1 79.4 119.0#
141 564.0 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

Tgt Ion:240 Resp: 159552
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 25.9 21.2 31.8

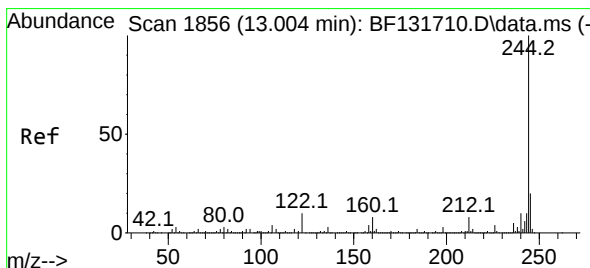
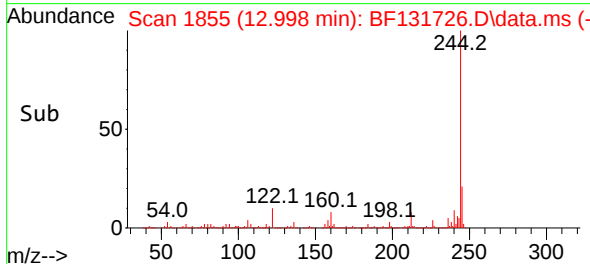
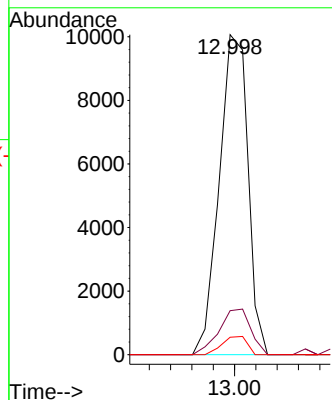
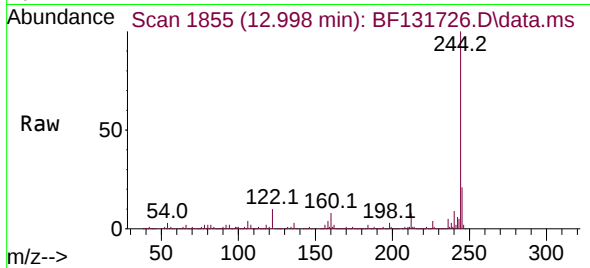




#77
Benzidine
Concen: 3.222 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.241 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

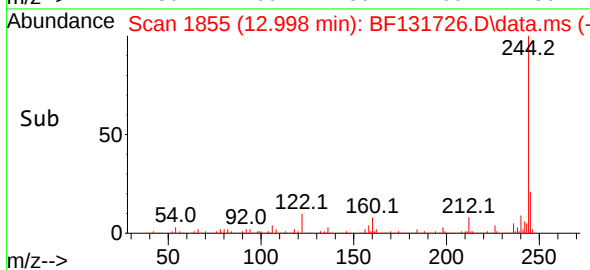
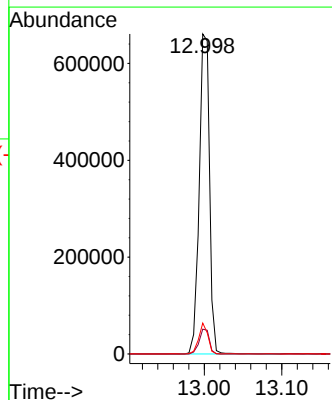
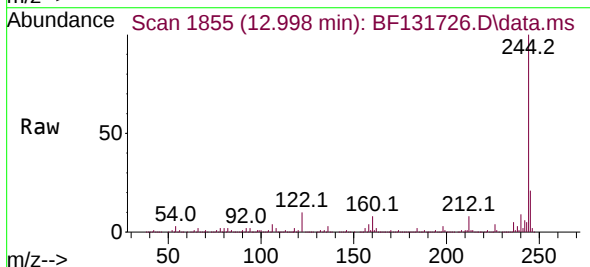
Instrument :
BNA_F
ClientSampleId :
MW-2A

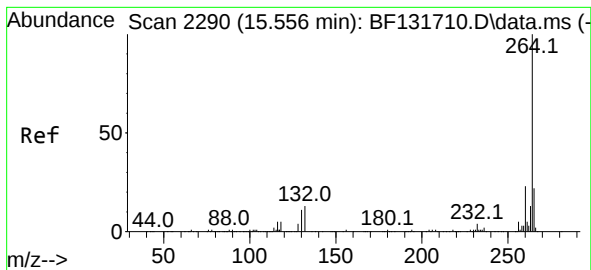
Tgt Ion:184 Resp: 9427
Ion Ratio Lower Upper
184 100
185 13.7 11.3 16.9
183 5.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 59.433 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BF131726.D
Acq: 20 Dec 2022 22:14

Tgt Ion:244 Resp: 608433
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 9.6 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131726.D

Acq: 20 Dec 2022 22:14

Instrument :

BNA_F

ClientSampleId :

MW-2A

Tgt Ion:264 Resp: 164541

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 21.4 17.4 26.2

