

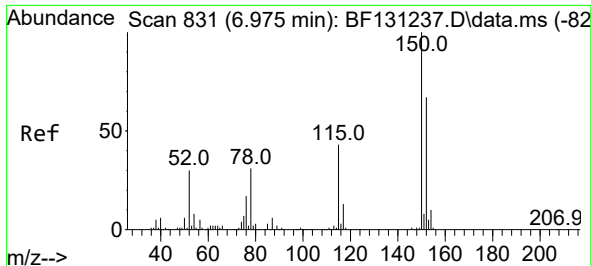
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131270.D
 Acq On : 16 Nov 2022 17:49
 Operator : CG\JU
 Sample : N5497-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Nov 16 22:17:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	84200	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	299531	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	163269	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	285561	20.000	ng	# 0.00
76) Chrysene-d12	14.180	240	142656	20.000	ng	0.00
86) Perylene-d12	15.727	264	164772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	310934	65.391	ng	0.00
7) Phenol-d6	6.575	99	245614	40.782	ng	-0.02
23) Nitrobenzene-d5	7.540	82	549321	102.939	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	215684	138.298	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	985387	88.322	ng	0.00
79) Terphenyl-d14	13.122	244	622105	74.888	ng	0.00
Target Compounds						
18) Hexachloroethane	7.546	117	64008	28.790	ng	# 2
19) n-Nitroso-di-n-propyla...	7.540	70	78090	18.608	ng	# 76
25) Isophorone	7.540	82	547384	51.345	ng	# 67
26) 2-Nitrophenol	7.881	139	62	4.454	ng	# 1
32) Benzoic acid	8.010	122	69	6.185	ng	# 1
48) 2-Nitroaniline	9.563	65	353	4.157	ng	# 69
51) 2,6-Dinitrotoluene	10.028	165	21904	11.930	ng	# 30
53) 3-Nitroaniline	9.993	138	160	2.788	ng	# 52
57) 2,4-Dinitrotoluene	10.269	165	817	4.499	ng	# 30
62) 4-Nitroaniline	10.722	138	518	3.063	ng	91
65) 4,6-Dinitro-2-methylph...	10.822	198	559	8.379	ng	# 1
67) 4-Bromophenyl-phenylether	10.822	248	14041	4.188	ng	# 1
77) Benzidine	13.122	184	8774	2.870	ng	# 93

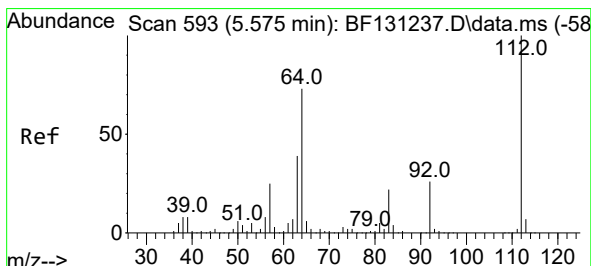
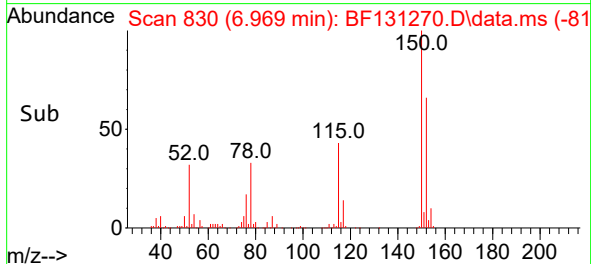
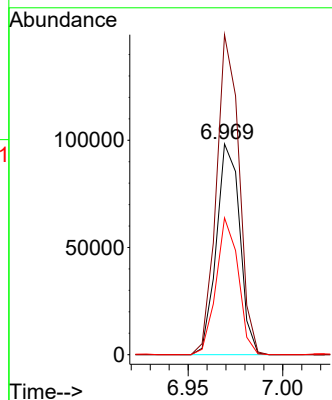
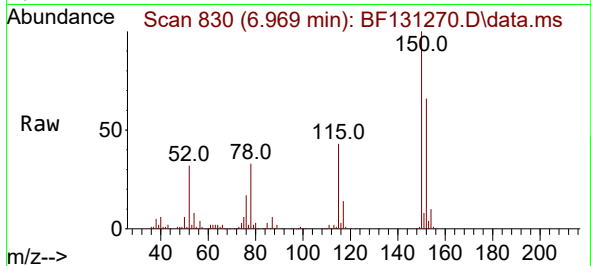
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

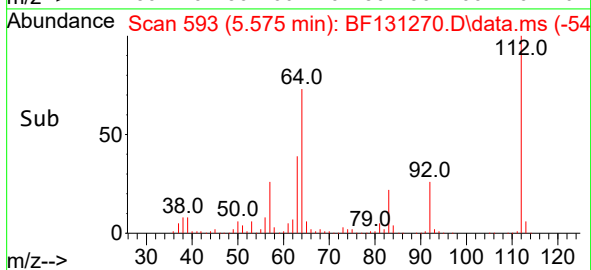
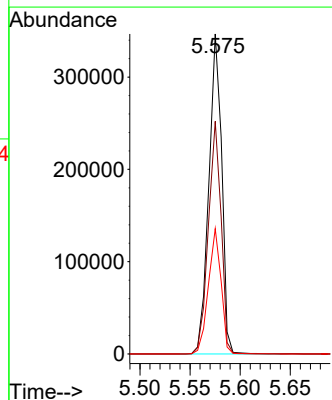
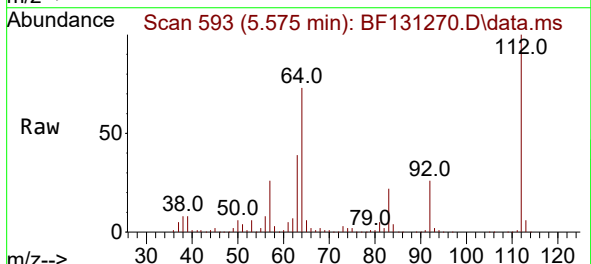
Instrument :
BNA_F
ClientSampleId :
MW-10

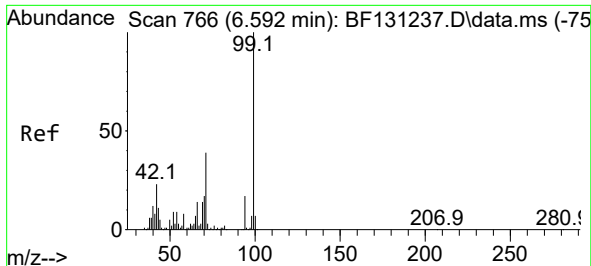
Tgt Ion:152 Resp: 84200
Ion Ratio Lower Upper
152 100
150 151.9 120.2 180.4
115 64.9 51.8 77.8



#5
2-Fluorophenol
Concen: 65.391 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.000 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

Tgt Ion:112 Resp: 310934
Ion Ratio Lower Upper
112 100
64 72.7 58.4 87.6
63 39.1 31.6 47.4

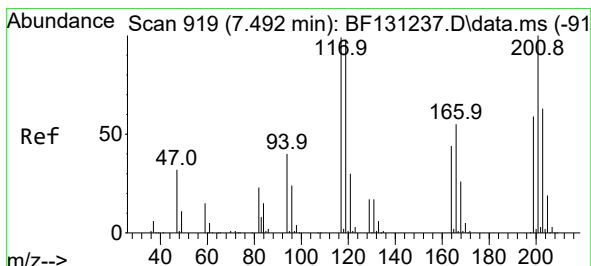
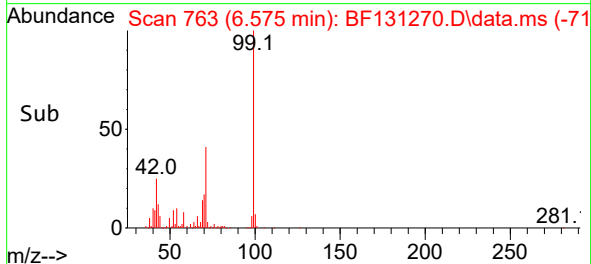
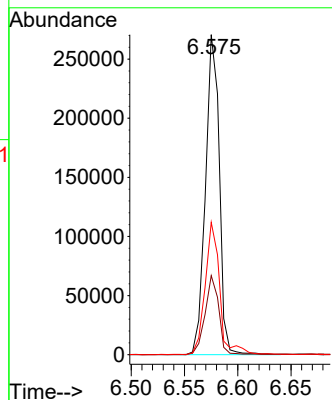
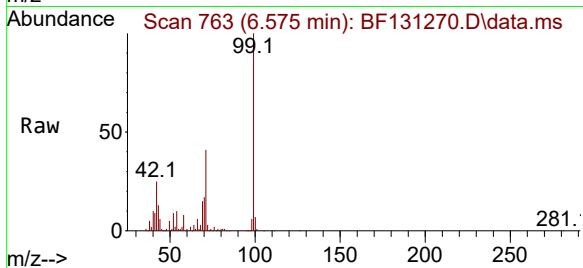




#7
Phenol-d6
Concen: 40.782 ng
RT: 6.575 min Scan# 701
Delta R.T. -0.017 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

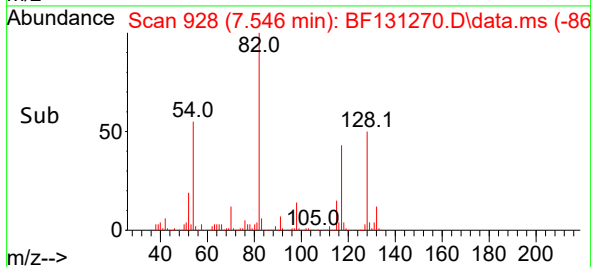
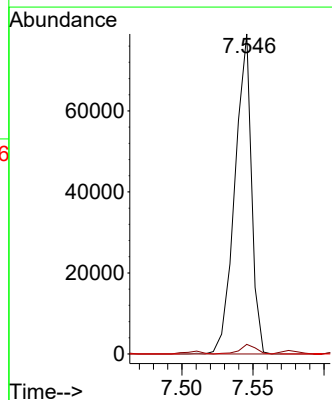
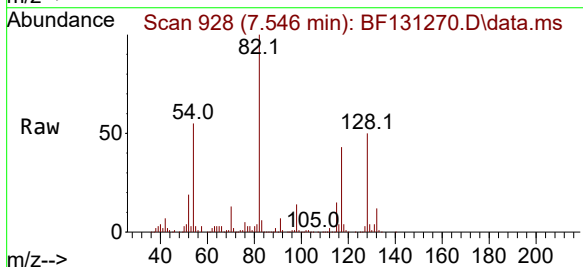
Instrument :
BNA_F
ClientSampleId :
MW-10

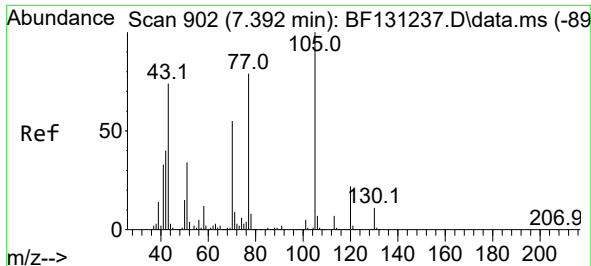
Tgt Ion: 99 Resp: 245614
Ion Ratio Lower Upper
99 100
42 24.7 18.6 28.0
71 41.3 31.1 46.7



#18
Hexachloroethane
Concen: 28.790 ng
RT: 7.546 min Scan# 928
Delta R.T. 0.053 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

Tgt Ion: 117 Resp: 64008
Ion Ratio Lower Upper
117 100
119 3.0 79.0 118.6#
201 0.0 80.9 121.3#

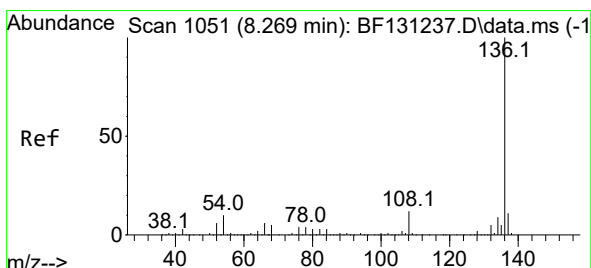
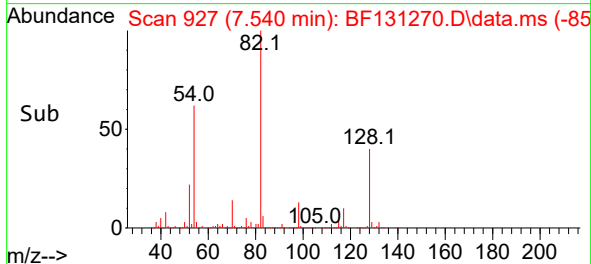
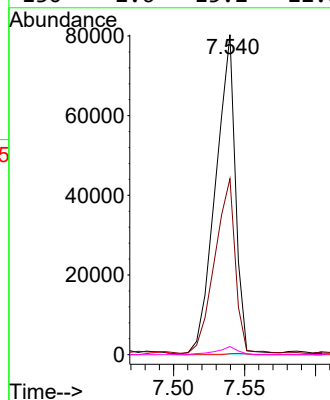
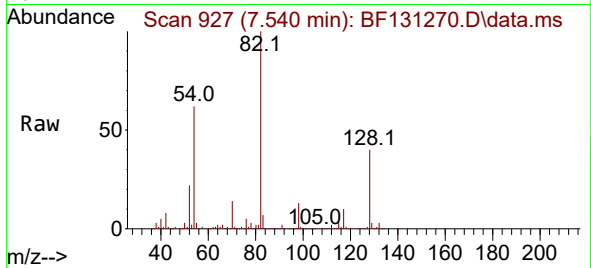




#19
n-Nitroso-di-n-propylamine
Concen: 18.608 ng
RT: 7.540 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

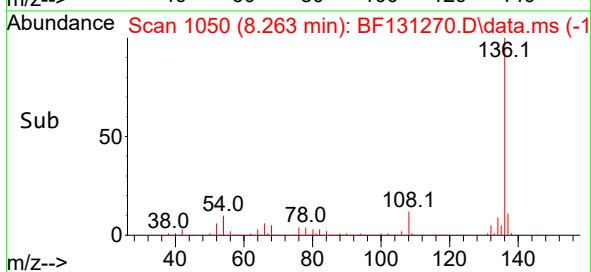
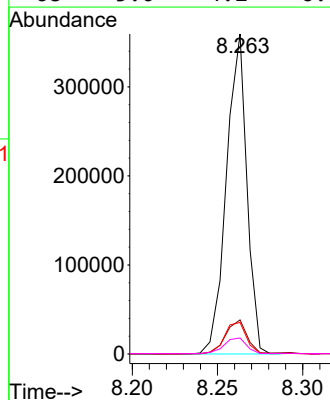
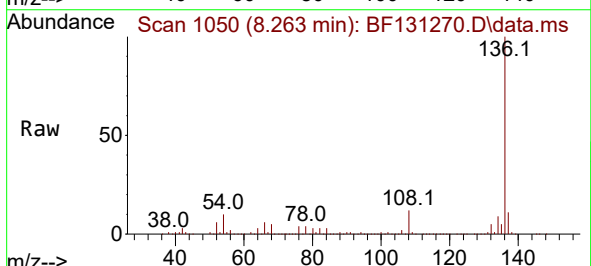
Instrument :
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ClientSampleId :
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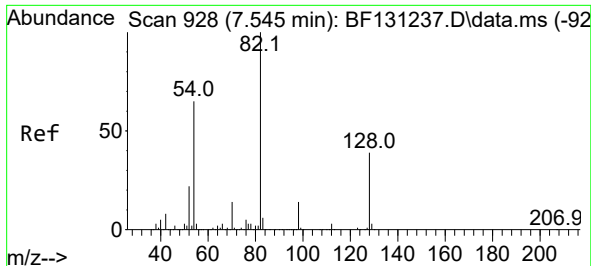
Tgt Ion: 70 Resp: 78090
Ion Ratio Lower Upper
70 100
42 55.0 58.3 87.5#
101 0.3 7.2 10.8#
130 2.6 15.2 22.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

Tgt Ion: 136 Resp: 299531
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.9 7.8 11.8
68 5.0 4.2 6.4

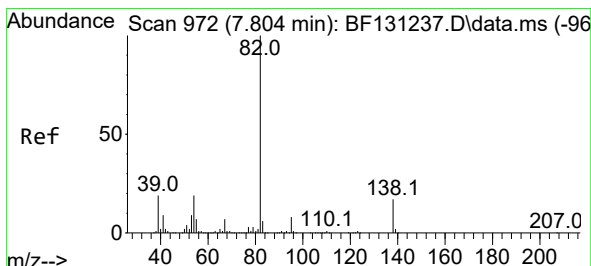
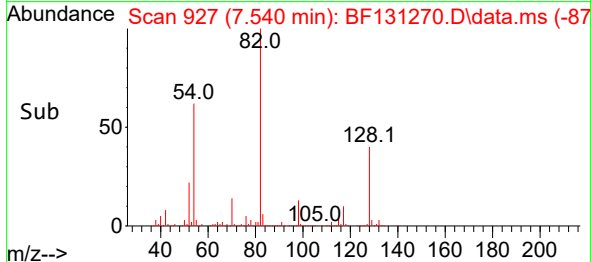
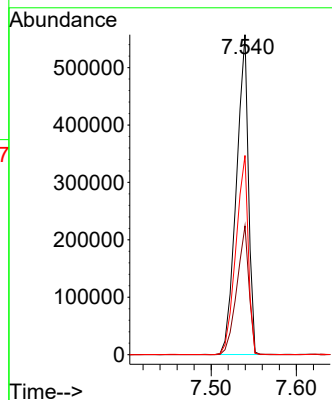
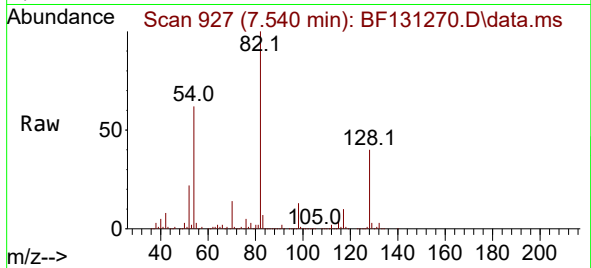




#23
Nitrobenzene-d5
Concen: 102.939 ng
RT: 7.540 min Scan# 91
Delta R.T. -0.005 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

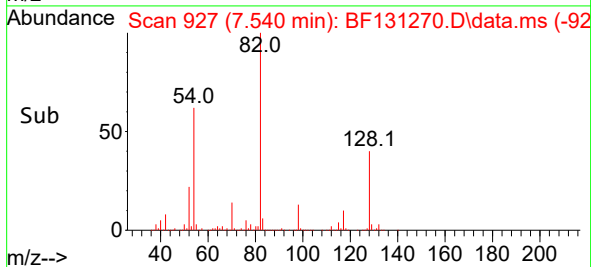
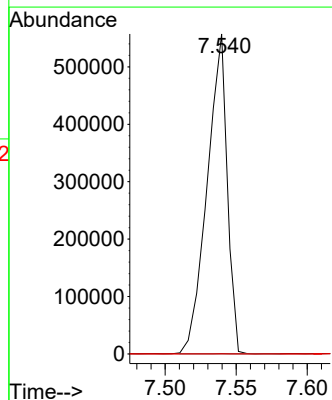
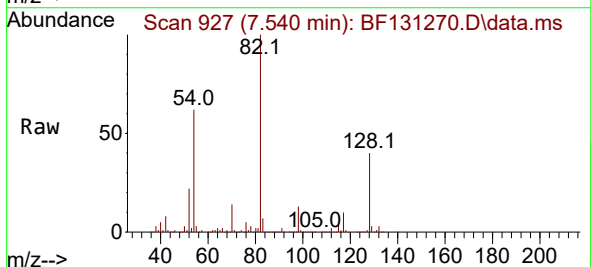
Instrument :
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ClientSampleId :
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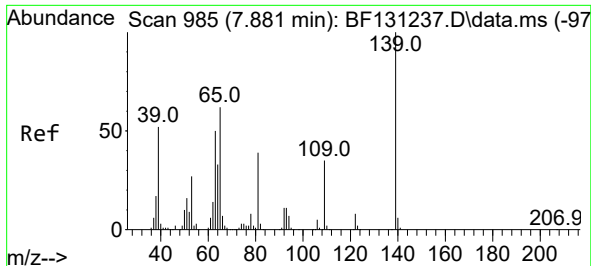
Tgt Ion: 82 Resp: 549321
Ion Ratio Lower Upper
82 100
128 40.3 31.1 46.7
54 62.2 51.8 77.6



#25
Isophorone
Concen: 51.345 ng
RT: 7.540 min Scan# 927
Delta R.T. -0.264 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

Tgt Ion: 82 Resp: 547384
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.2#
138 0.0 13.4 20.0#

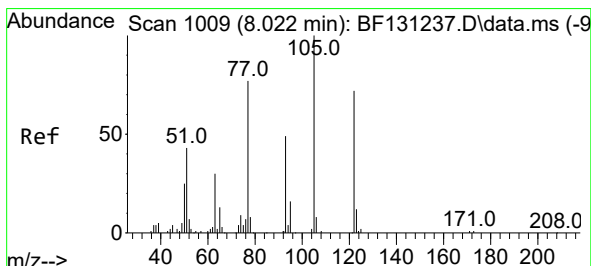
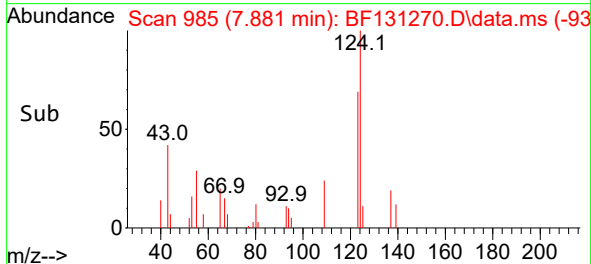
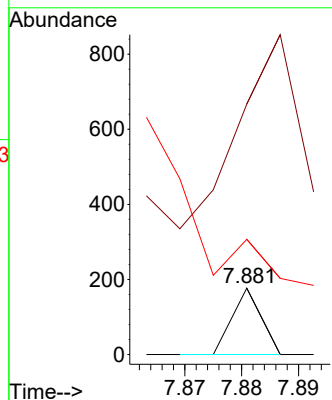
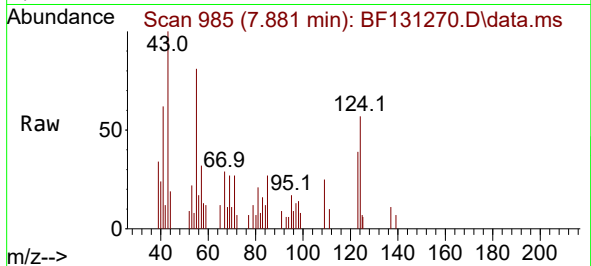




#26
2-Nitrophenol
Concen: 4.454 ng
RT: 7.881 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

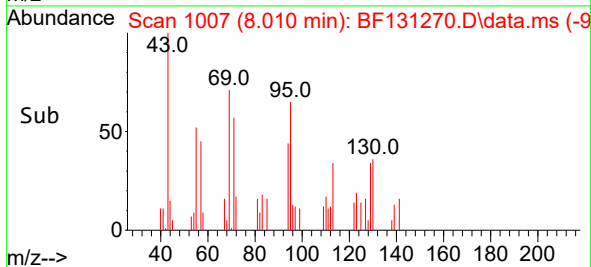
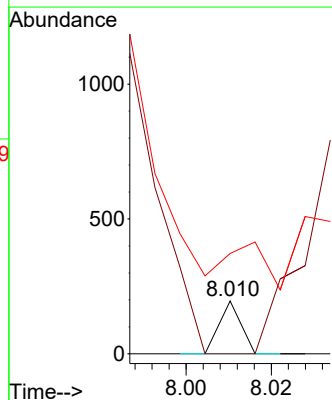
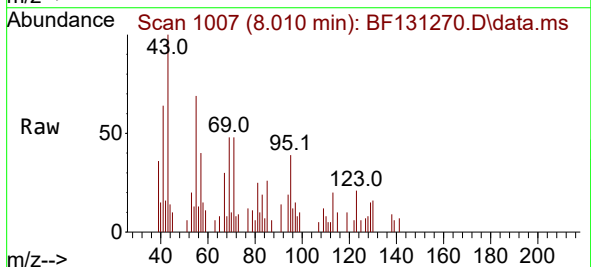
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ClientSampleId :
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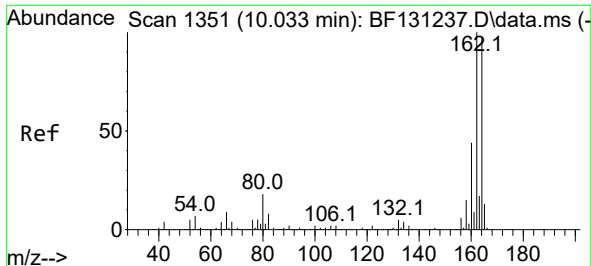
Tgt Ion:139 Resp: 62
Ion Ratio Lower Upper
139 100
109 376.8 28.0 42.0#
65 173.4 49.3 73.9#



#32
Benzoic acid
Concen: 6.185 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 0.0 116.9 156.9#
77 189.8 86.9 126.9#

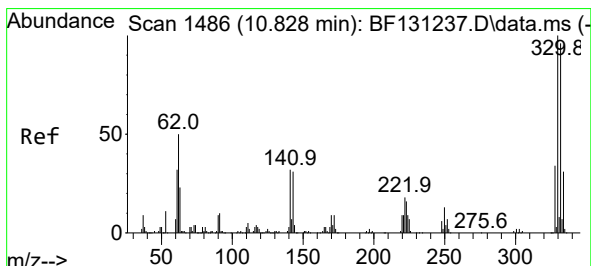
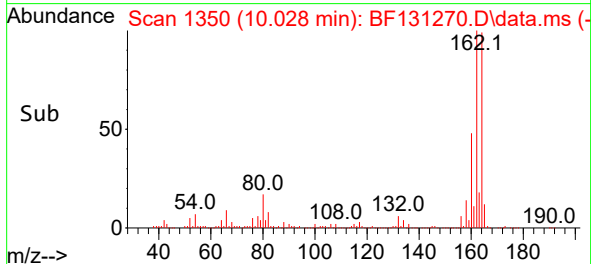
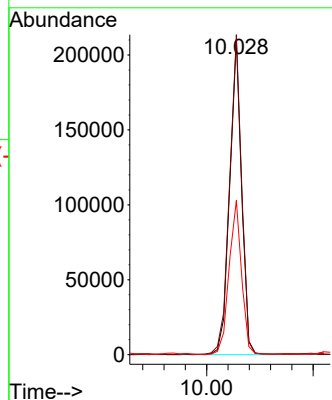
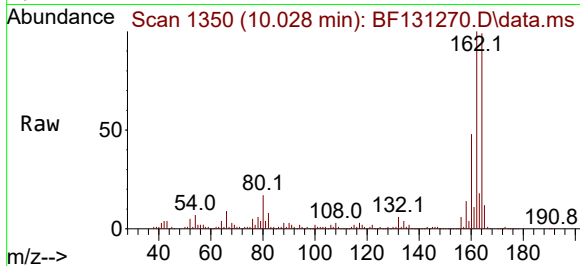




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

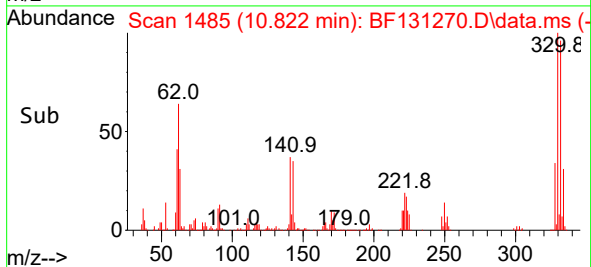
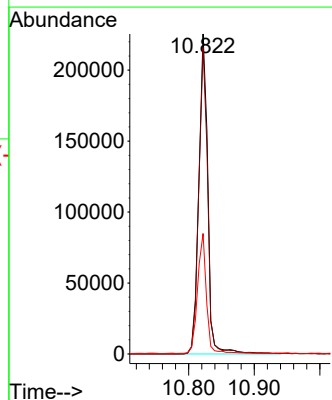
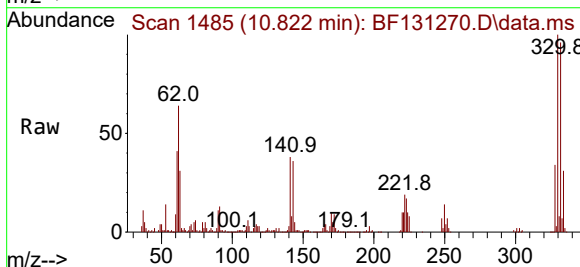
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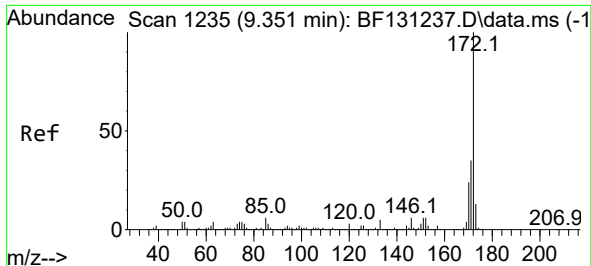
Tgt Ion:164 Resp: 163269
Ion Ratio Lower Upper
164 100
162 101.5 82.1 123.1
160 48.9 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 138.298 ng
RT: 10.822 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

Tgt Ion:330 Resp: 215684
Ion Ratio Lower Upper
330 100
332 95.4 76.8 115.2
141 36.9 29.6 44.4

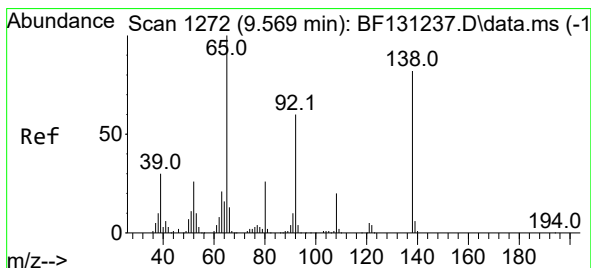
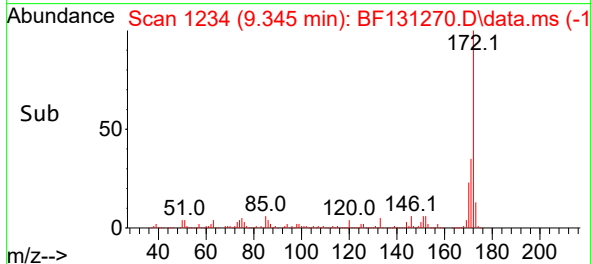
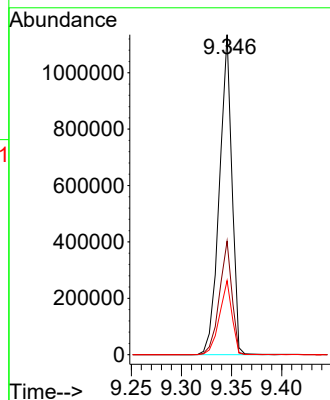
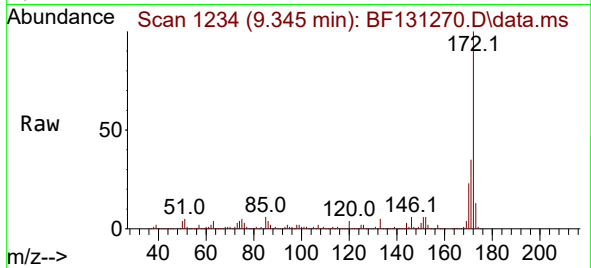




#45
2-Fluorobiphenyl
Concen: 88.322 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

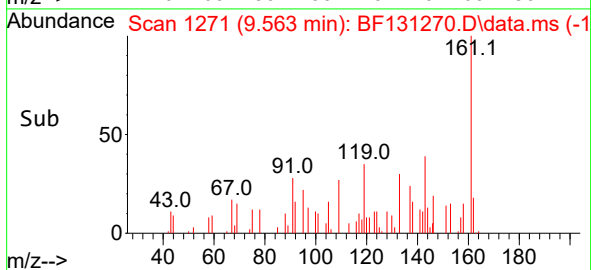
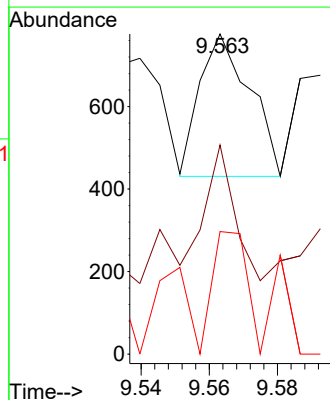
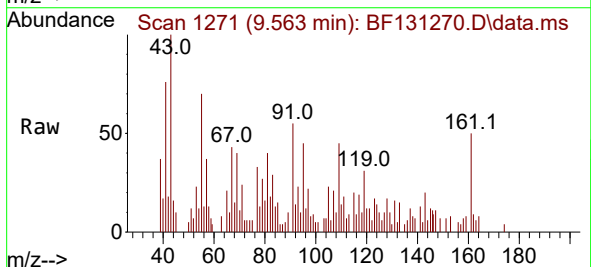
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BNA_F
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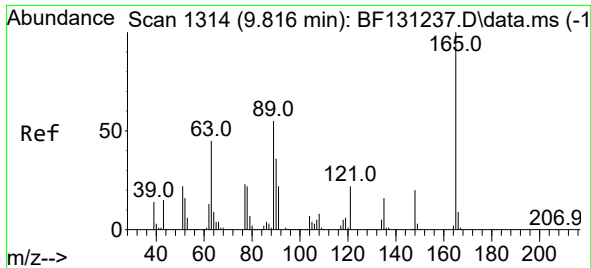
Tgt Ion:172 Resp: 985387
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.2 18.8 28.2



#48
2-Nitroaniline
Concen: 4.157 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

Tgt Ion: 65 Resp: 353
Ion Ratio Lower Upper
65 100
92 65.3 48.2 72.2
138 38.3 65.8 98.8#

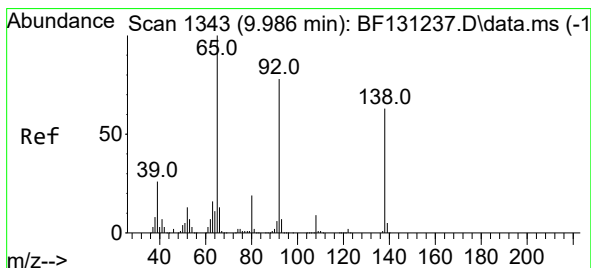
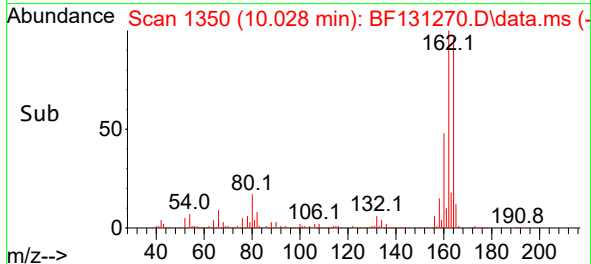
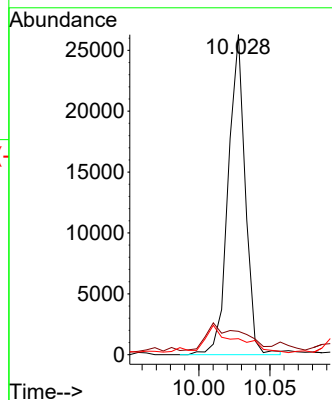
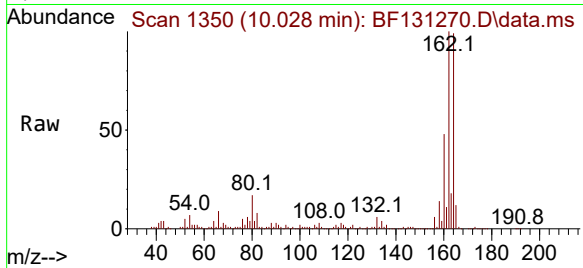




#51
2,6-Dinitrotoluene
Concen: 11.930 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.212 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

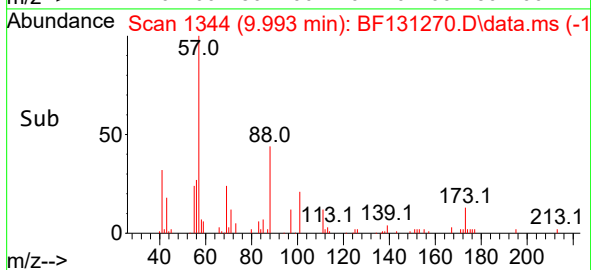
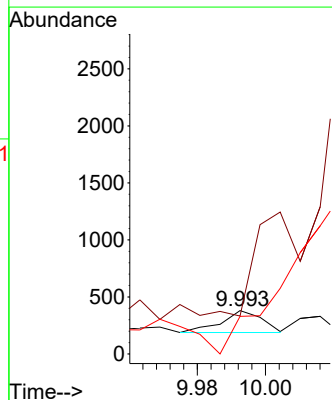
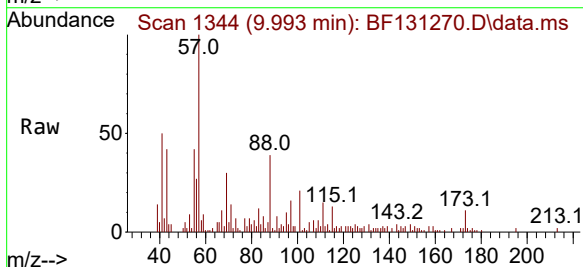
Instrument :
BNA_F
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MW-10

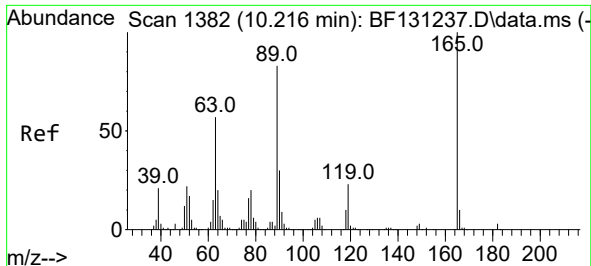
Tgt Ion:165 Resp: 21904
Ion Ratio Lower Upper
165 100
63 7.3 49.8 74.6#
89 5.0 44.5 66.7#



#53
3-Nitroaniline
Concen: 2.788 ng
RT: 9.993 min Scan# 1344
Delta R.T. 0.007 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

Tgt Ion:138 Resp: 160
Ion Ratio Lower Upper
138 100
108 87.6 11.4 17.2#
92 86.8 98.6 148.0#

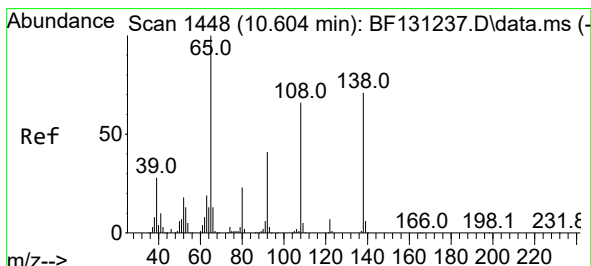
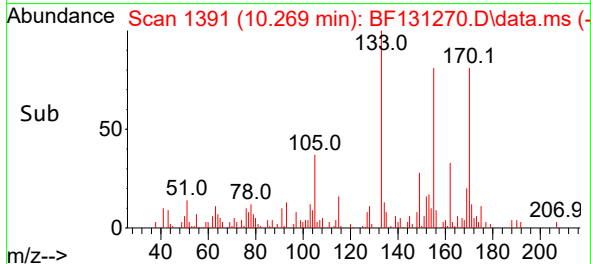
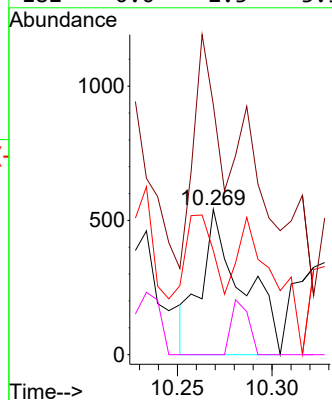
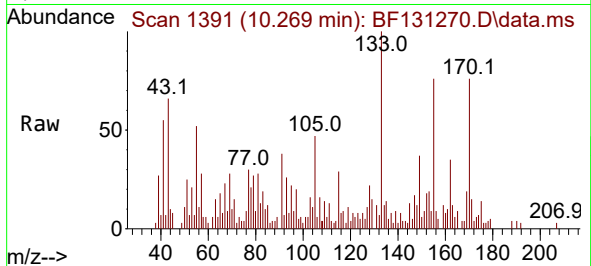




#57
2,4-Dinitrotoluene
Concen: 4.499 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

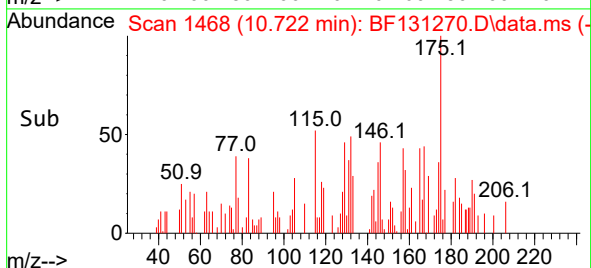
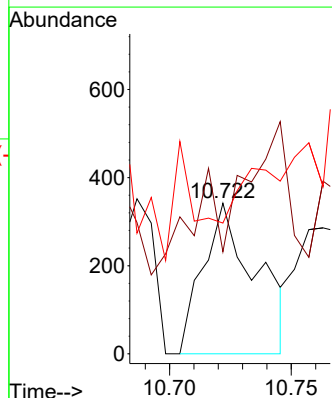
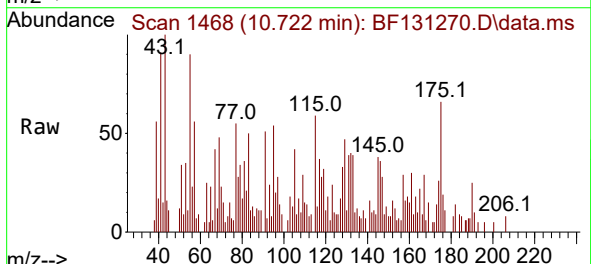
Instrument :
BNA_F
ClientSampleId :
MW-10

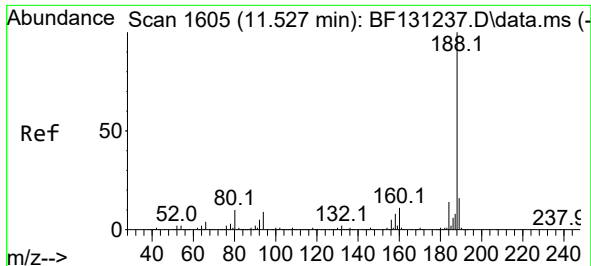
Tgt Ion:165 Resp: 817
Ion Ratio Lower Upper
165 100
63 172.1 46.0 69.0#
89 71.5 66.2 99.4
182 0.0 2.3 3.5#



#62
4-Nitroaniline
Concen: 3.063 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.118 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

Tgt Ion:138 Resp: 518
Ion Ratio Lower Upper
138 100
92 67.8 37.6 77.6
108 86.8 73.2 113.2

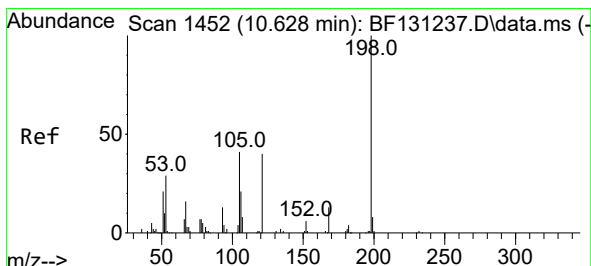
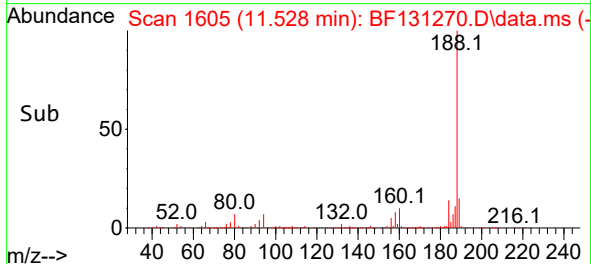
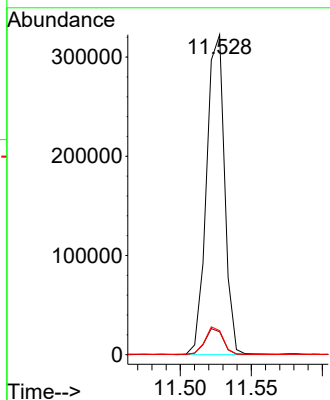
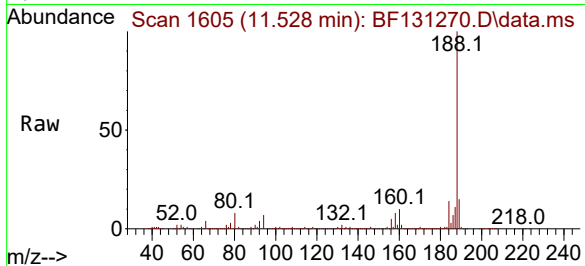




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

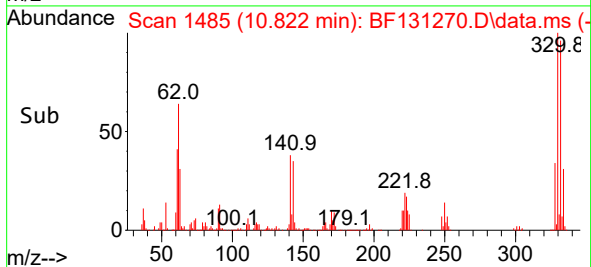
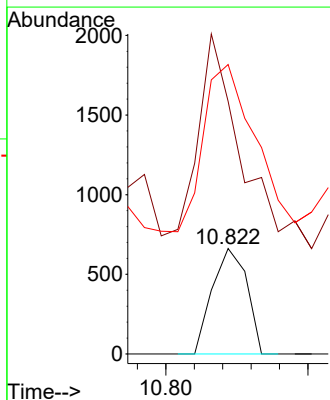
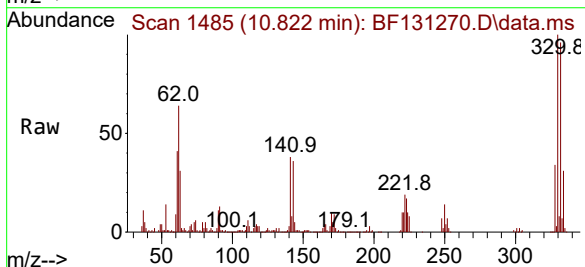
Instrument :
BNA_F
ClientSampleId :
MW-10

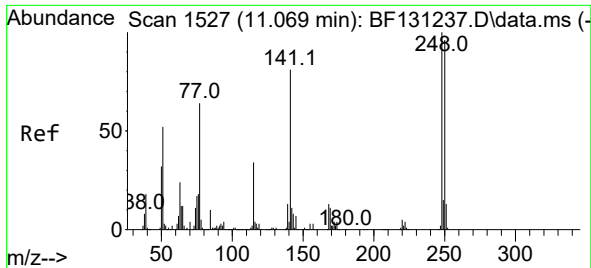
Tgt Ion:188 Resp: 285561
Ion Ratio Lower Upper
188 100
94 7.1 6.8 10.2
80 7.5 8.0 12.0#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.379 ng
RT: 10.822 min Scan# 1485
Delta R.T. 0.194 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

Tgt Ion:198 Resp: 559
Ion Ratio Lower Upper
198 100
51 239.6 29.4 69.4#
105 274.5 22.2 62.2#

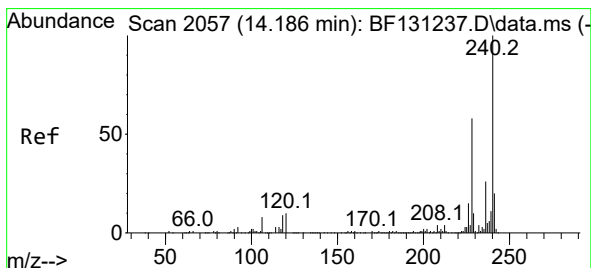
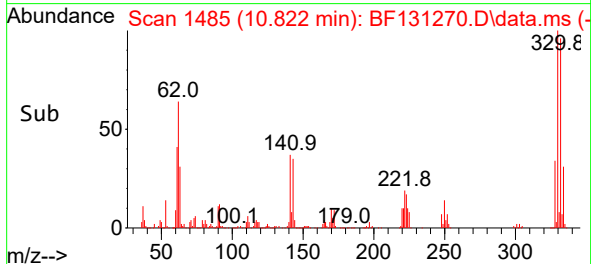
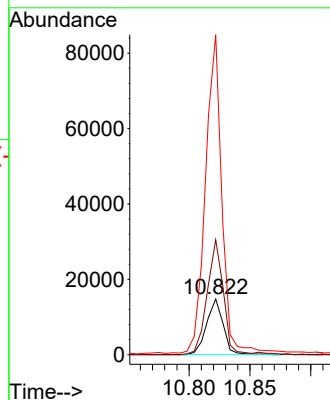
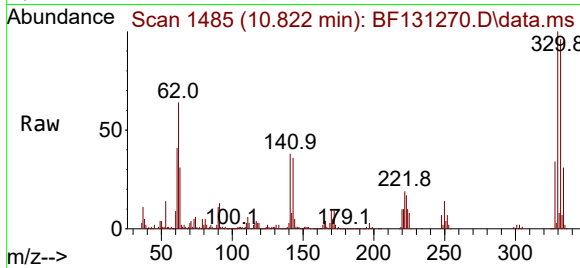




#67
4-Bromophenyl-phenylether
Concen: 4.188 ng
RT: 10.822 min Scan# 1485
Delta R.T. -0.247 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

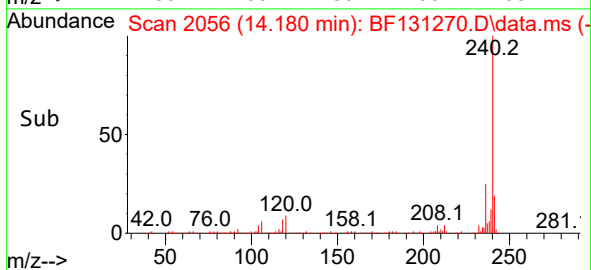
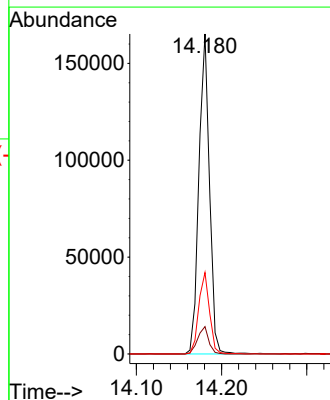
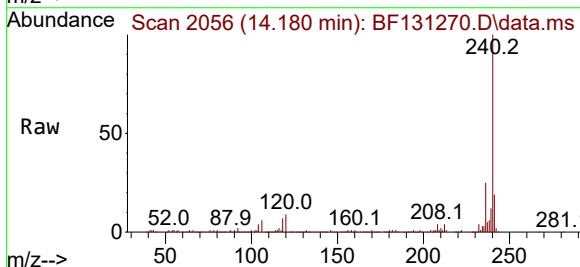
Instrument :
BNA_F
ClientSampleId :
MW-10

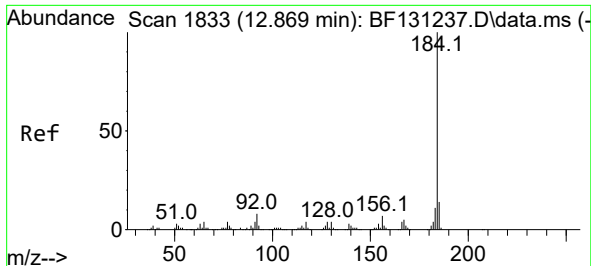
Tgt Ion:248 Resp: 14041
Ion Ratio Lower Upper
248 100
250 206.2 76.6 114.8#
141 574.1 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

Tgt Ion:240 Resp: 142656
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 25.4 20.6 31.0

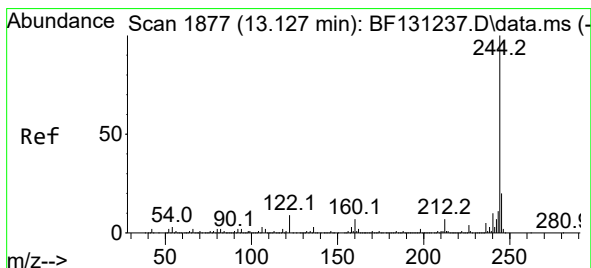
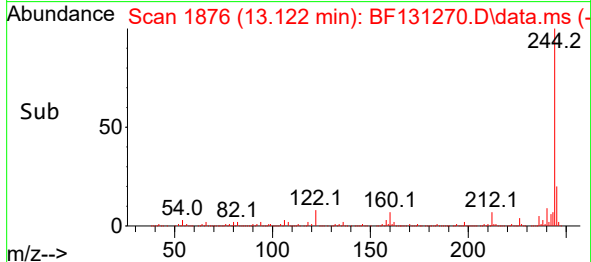
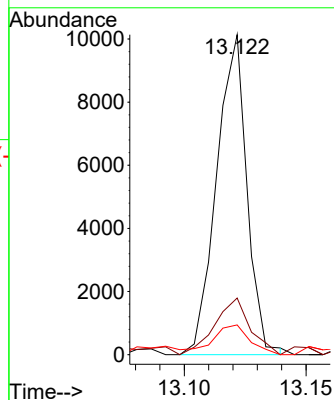
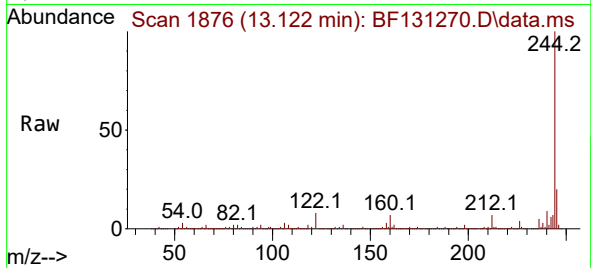




#77
Benzidine
Concen: 2.870 ng
RT: 13.122 min Scan# 1876
Delta R.T. 0.253 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

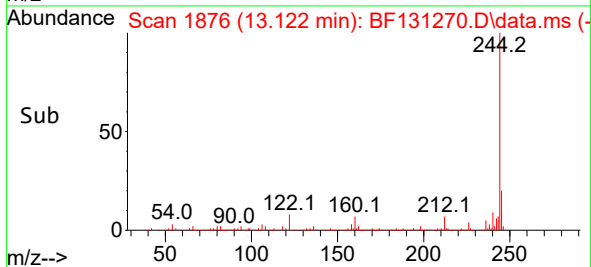
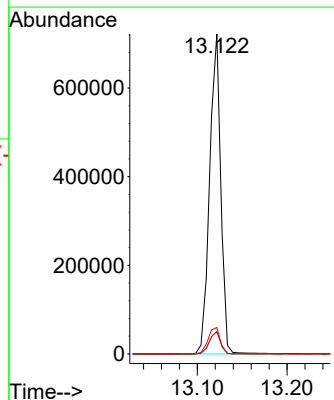
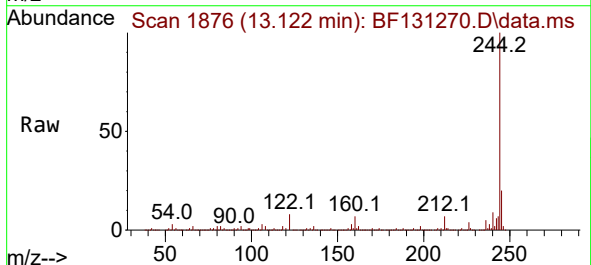
Instrument :
BNA_F
ClientSampleId :
MW-10

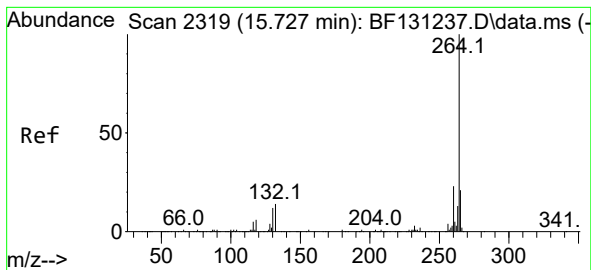
Tgt Ion:184 Resp: 8774
Ion Ratio Lower Upper
184 100
185 17.7 11.4 17.2#
183 9.3 9.0 13.4



#79
Terphenyl-d14
Concen: 74.888 ng
RT: 13.122 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

Tgt Ion:244 Resp: 622105
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 8.3 7.4 11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131270.D
Acq: 16 Nov 2022 17:49

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:264 Resp: 164772
Ion Ratio Lower Upper
264 100
260 24.3 18.6 27.8
265 20.9 16.6 24.8

