

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131269.D
 Acq On : 16 Nov 2022 17:18
 Operator : CG\JU
 Sample : N5497-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Nov 16 22:16:48 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)

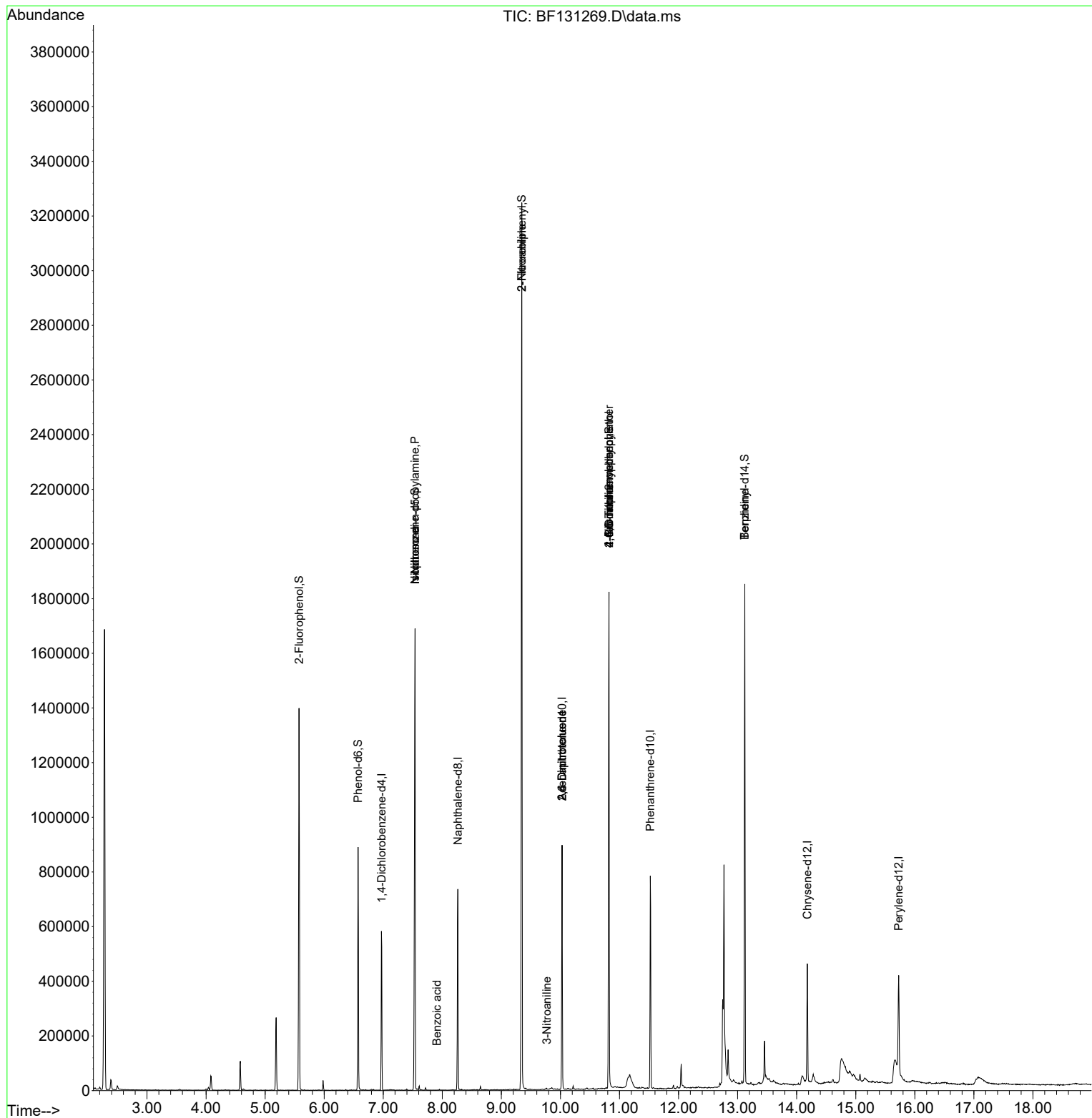
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	80561	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	295167	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	162199	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	283325	20.000	ng	0.00
76) Chrysene-d12	14.180	240	136279	20.000	ng	0.00
86) Perylene-d12	15.727	264	160888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	304115	66.845	ng	0.00
7) Phenol-d6	6.575	99	238890	41.457	ng	-0.02
23) Nitrobenzene-d5	7.540	82	532852	101.329	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	196200	126.635	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	967799	87.318	ng	0.00
79) Terphenyl-d14	13.121	244	592194	74.623	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.540	70	75688	18.850	ng	# 75
25) Isophorone	7.540	82	531291	50.572	ng	# 67
32) Benzoic acid	7.910	122	60	6.183	ng	# 1
48) 2-Nitroaniline	9.345	65	2053	4.637	ng	# 1
51) 2,6-Dinitrotoluene	10.028	165	20183	11.281	ng	# 23
53) 3-Nitroaniline	9.769	138	61	2.750	ng	# 1
57) 2,4-Dinitrotoluene	10.028	165	20183	10.743	ng	# 17
62) 4-Nitroaniline	10.822	138	58	2.885	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.822	198	477	8.329	ng	# 1
67) 4-Bromophenyl-phenylether	10.822	248	12935	3.888	ng	# 1
77) Benzidine	13.121	184	8796	3.012	ng	# 92

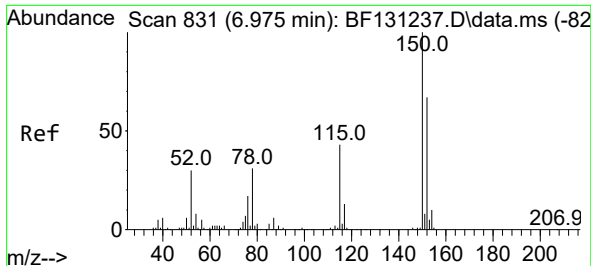
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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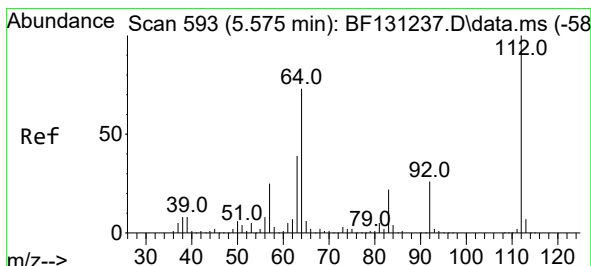
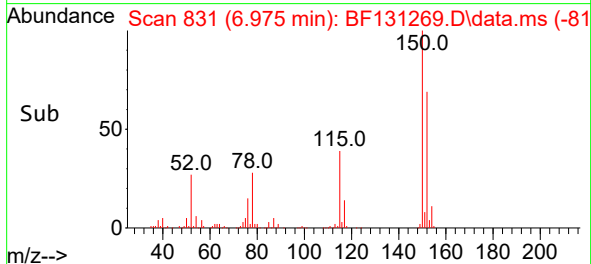
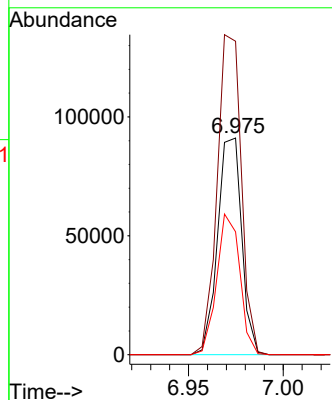
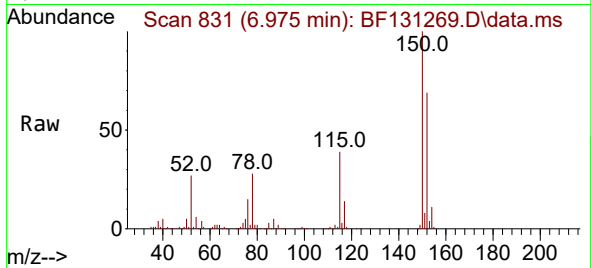




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

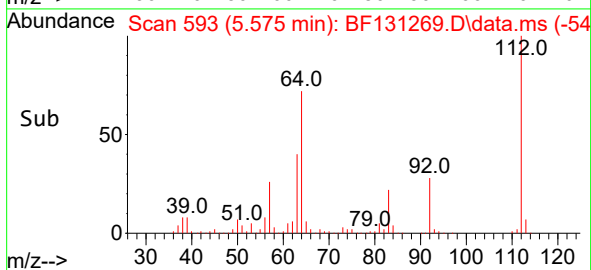
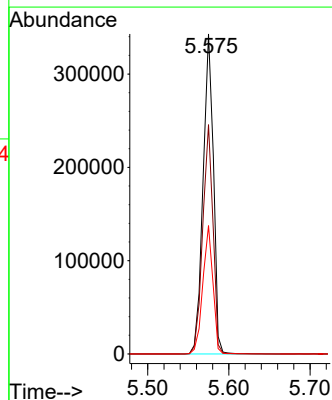
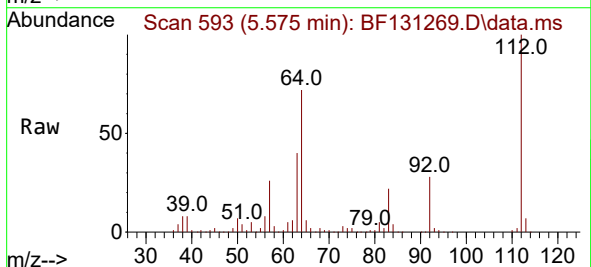
Instrument :
BNA_F
ClientSampleId :
MW-11

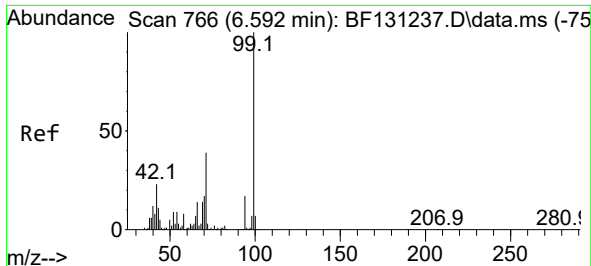
Tgt Ion:152 Resp: 80561
Ion Ratio Lower Upper
152 100
150 144.6 120.2 180.4
115 56.7 51.8 77.8



#5
2-Fluorophenol
Concen: 66.845 ng
RT: 5.575 min Scan# 593
Delta R.T. -0.000 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

Tgt Ion:112 Resp: 304115
Ion Ratio Lower Upper
112 100
64 71.7 58.4 87.6
63 40.1 31.6 47.4

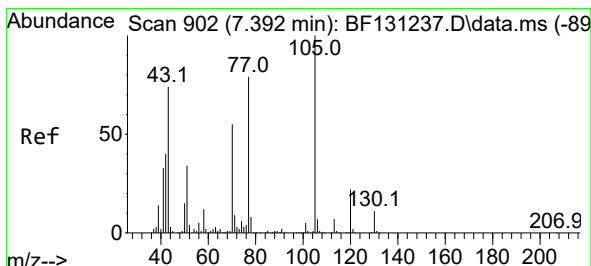
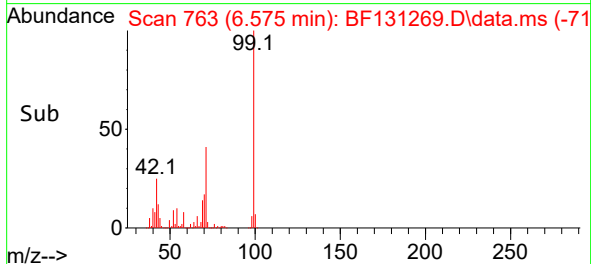
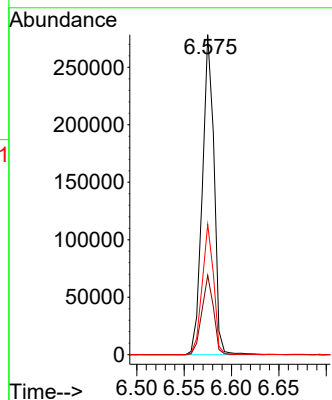
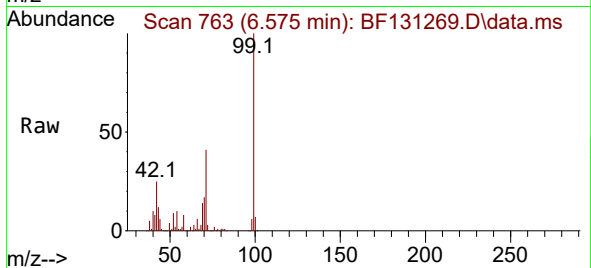




#7
Phenol-d6
Concen: 41.457 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

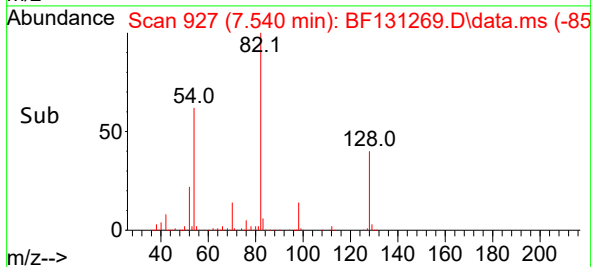
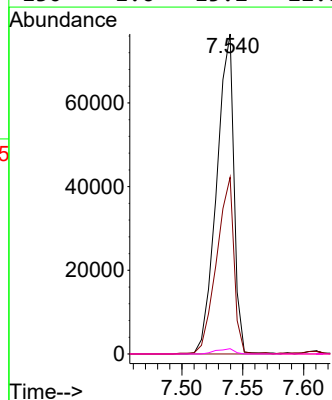
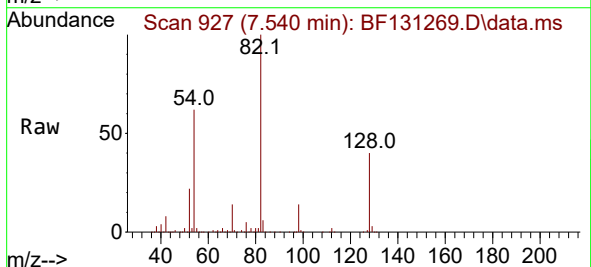
Instrument :
BNA_F
ClientSampleId :
MW-11

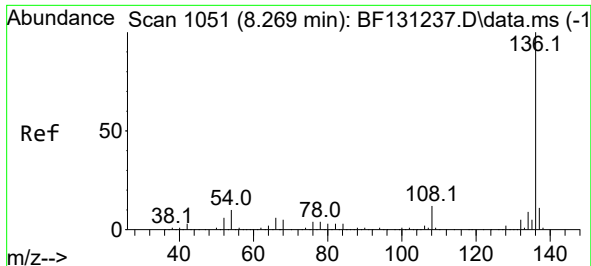
Tgt Ion: 99 Resp: 238890
Ion Ratio Lower Upper
99 100
42 24.8 18.6 28.0
71 40.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.850 ng
RT: 7.540 min Scan# 927
Delta R.T. 0.147 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

Tgt Ion: 70 Resp: 75688
Ion Ratio Lower Upper
70 100
42 55.2 58.3 87.5#
101 0.0 7.2 10.8#
130 1.6 15.2 22.8#

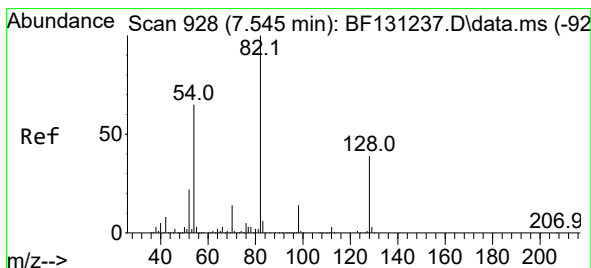
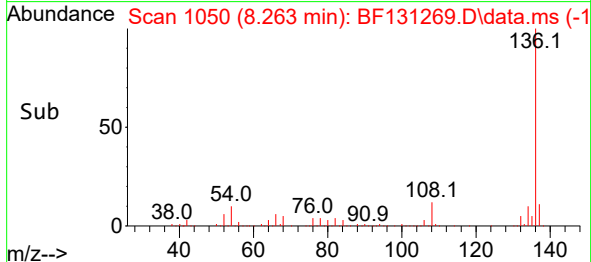
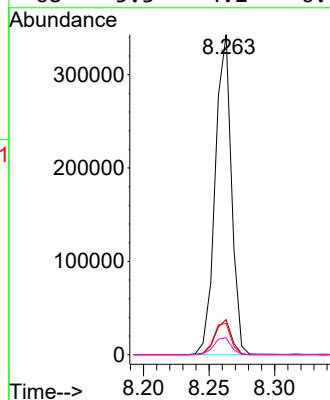
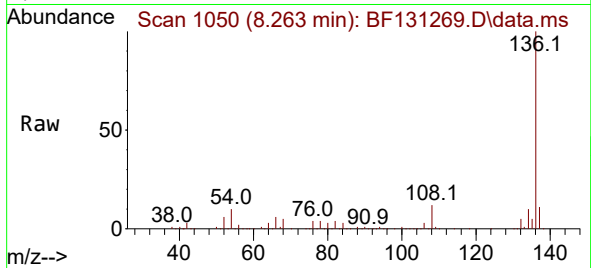




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

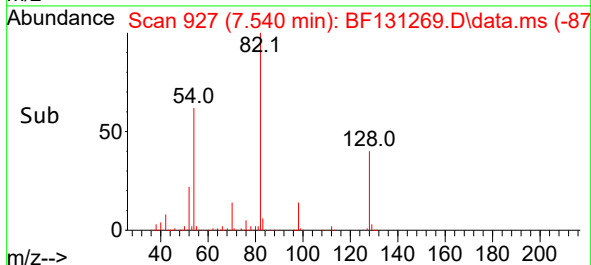
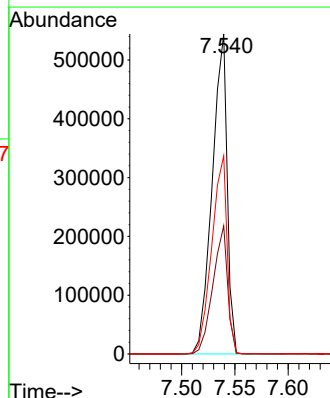
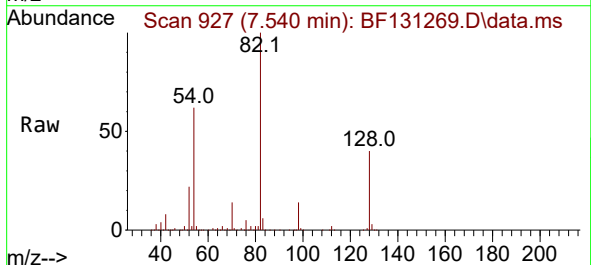
Instrument :
BNA_F
ClientSampleId :
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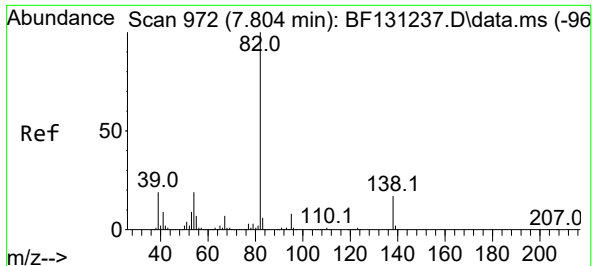
Tgt Ion	136	Resp: Lower	295167 Upper
136	100		
137	11.0	8.5	12.7
54	9.8	7.8	11.8
68	5.3	4.2	6.4



#23
Nitrobenzene-d5
Concen: 101.329 ng
RT: 7.540 min Scan# 927
Delta R.T. -0.005 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

Tgt Ion: 82	Resp: 532852
Ion Ratio	Lower Upper
82 100	
128 40.0	31.1 46.7
54 61.9	51.8 77.6

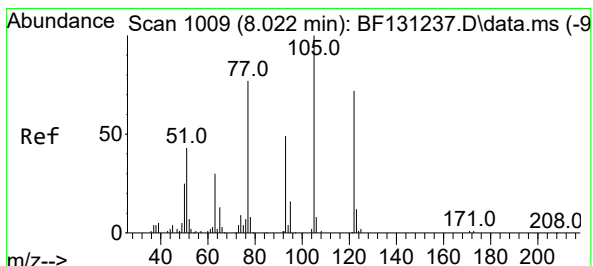
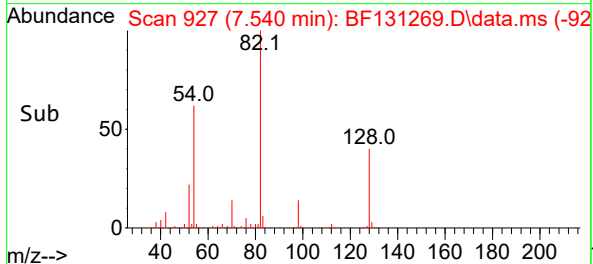
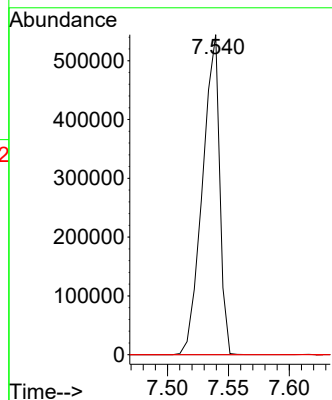
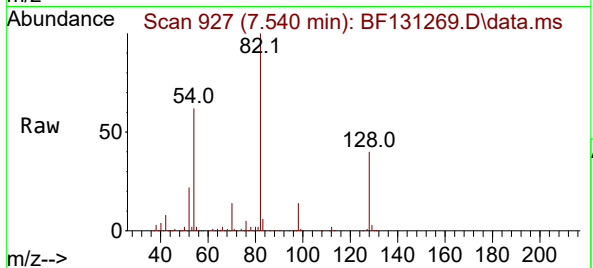




#25
Isophorone
Concen: 50.572 ng
RT: 7.540 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

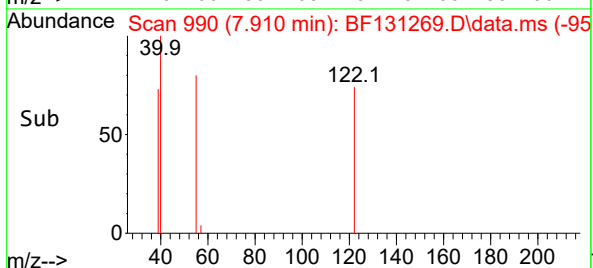
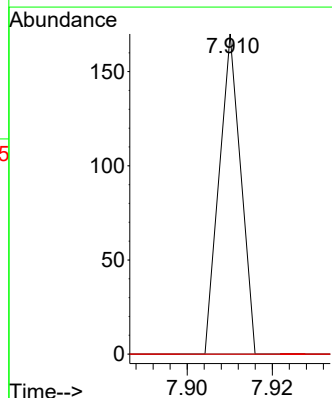
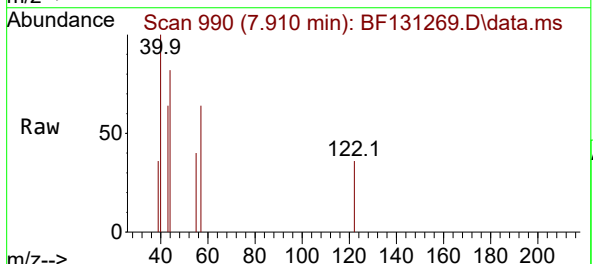
Instrument :
BNA_F
ClientSampleId :
MW-11

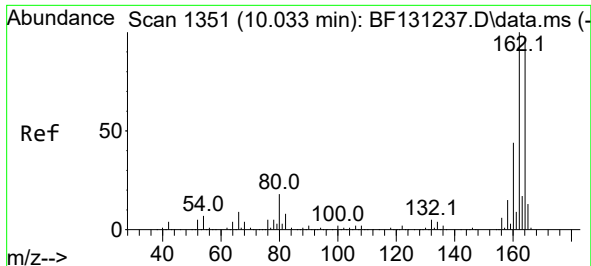
Tgt Ion: 82 Resp: 531291
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 6.183 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.112 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 116.9 156.9#
77 0.0 86.9 126.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.028 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF131269.D

Acq: 16 Nov 2022 17:18

Instrument :

BNA_F

ClientSampleId :

MW-11

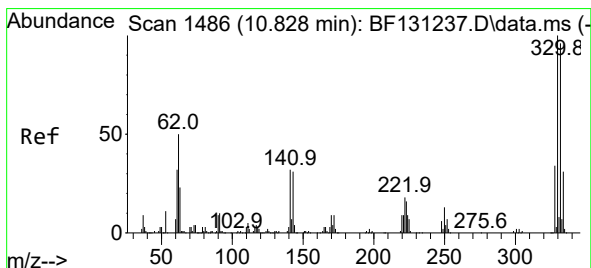
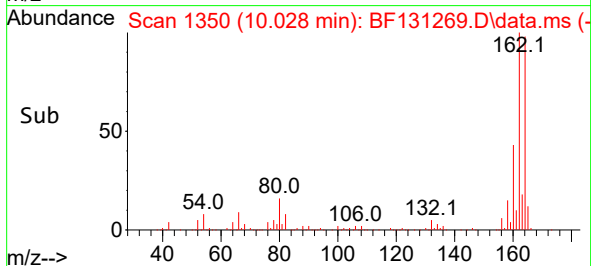
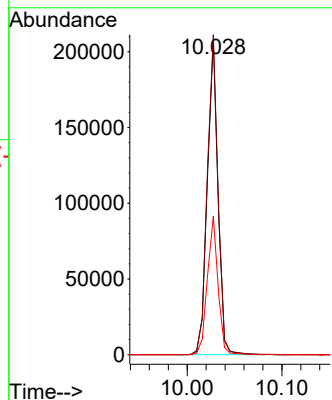
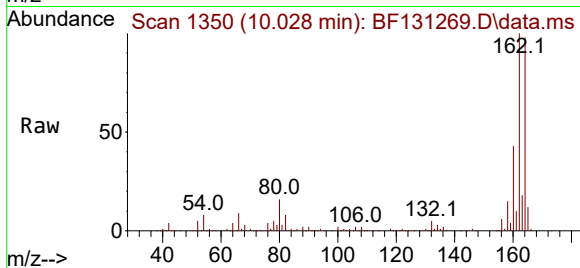
Tgt Ion:164 Resp: 162199

Ion Ratio Lower Upper

164 100

162 101.5 82.1 123.1

160 43.9 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 126.635 ng

RT: 10.822 min Scan# 1485

Delta R.T. -0.006 min

Lab File: BF131269.D

Acq: 16 Nov 2022 17:18

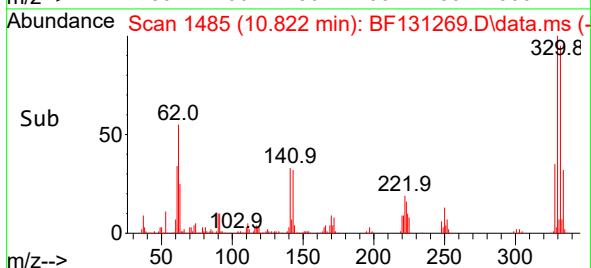
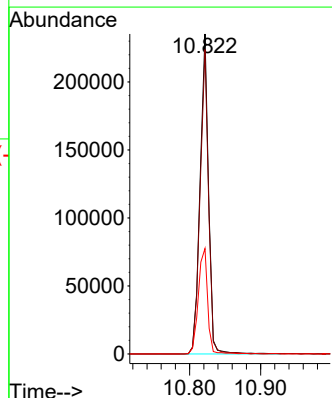
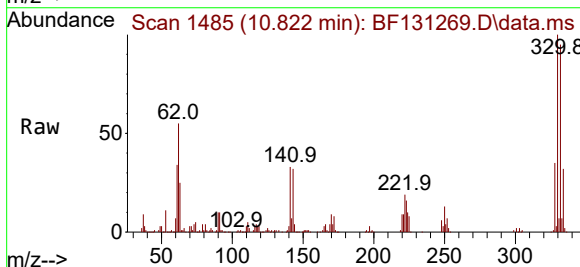
Tgt Ion:330 Resp: 196200

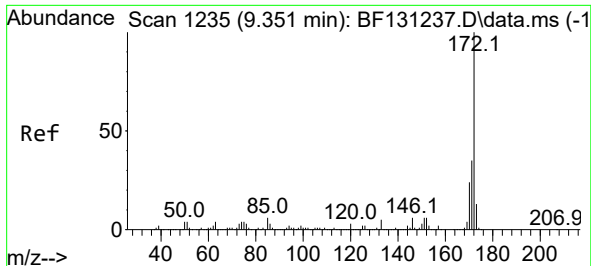
Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

141 36.2 29.6 44.4

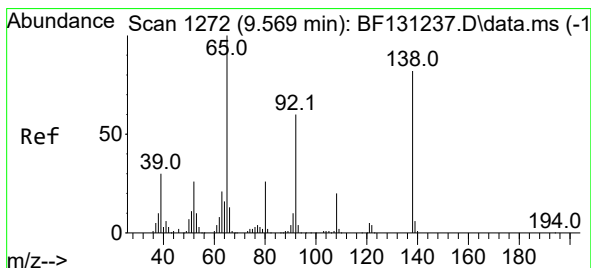
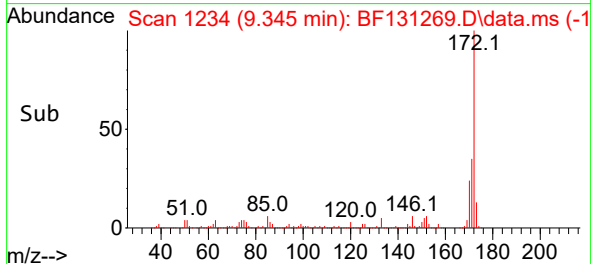
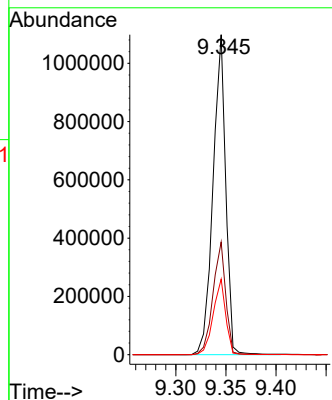
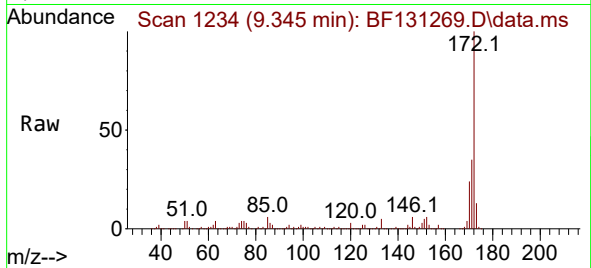




#45
2-Fluorobiphenyl
Concen: 87.318 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

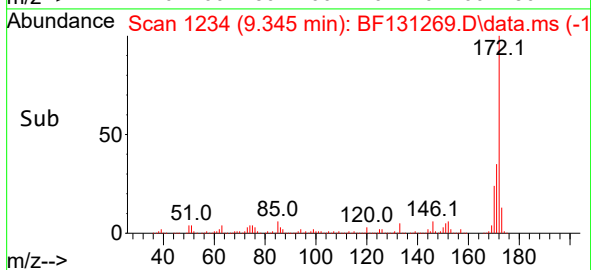
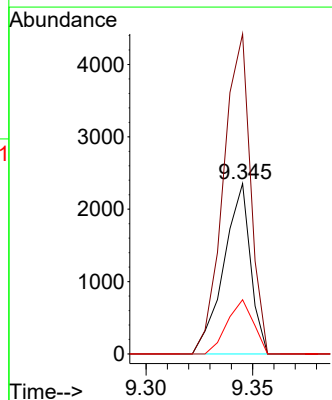
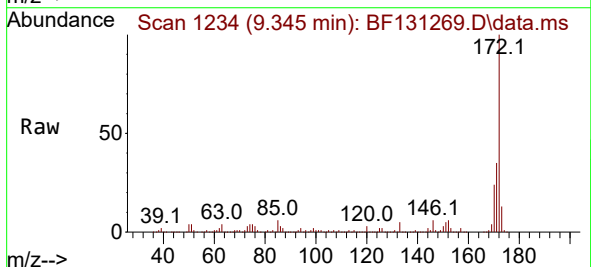
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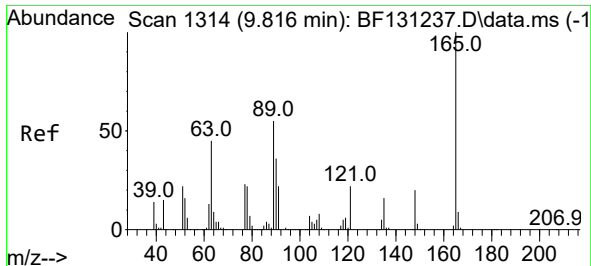
Tgt Ion:172 Resp: 967799
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.6 18.8 28.2



#48
2-Nitroaniline
Concen: 4.637 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.224 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

Tgt Ion: 65 Resp: 2053
Ion Ratio Lower Upper
65 100
92 187.8 48.2 72.2#
138 31.8 65.8 98.8#

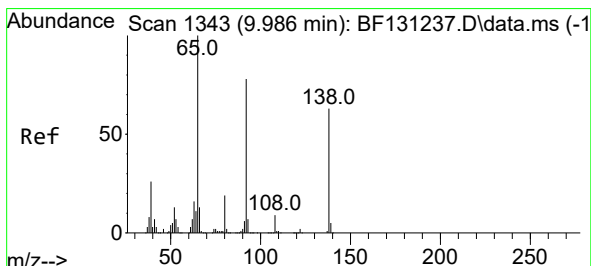
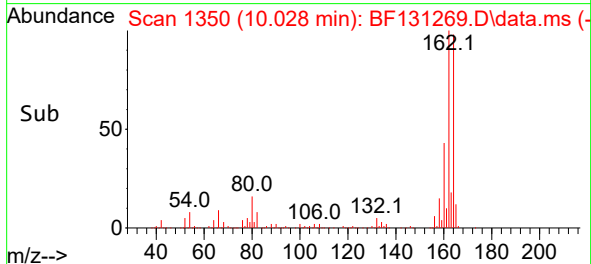
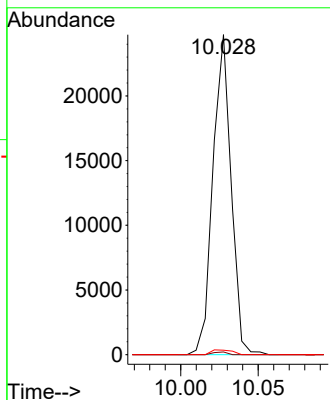
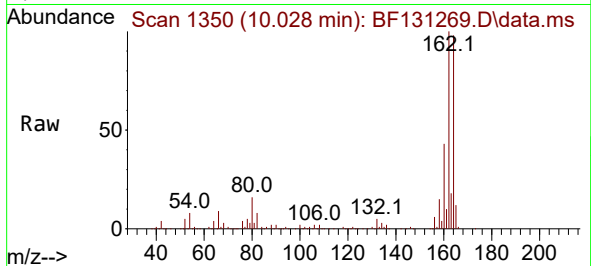




#51
2,6-Dinitrotoluene
Concen: 11.281 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

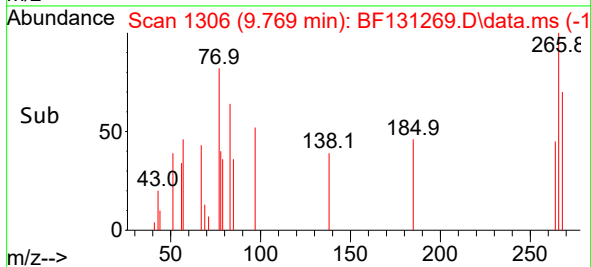
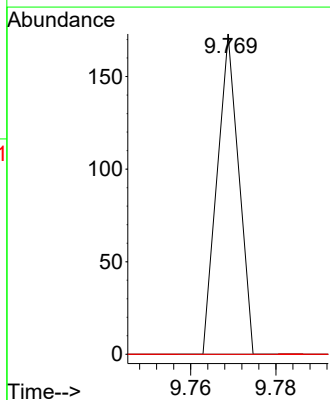
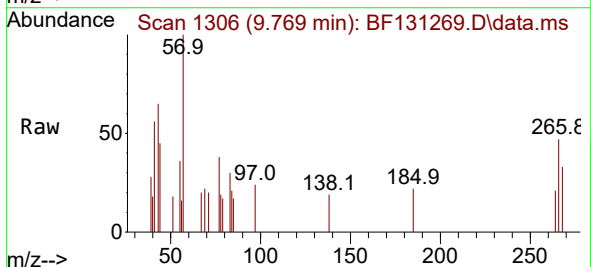
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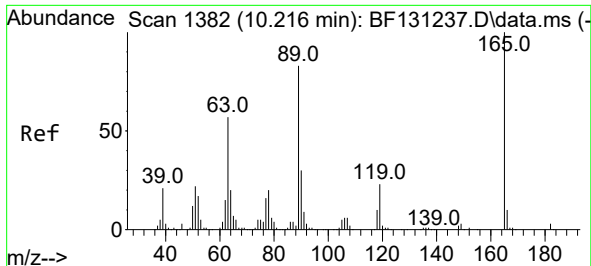
Tgt Ion:165 Resp: 20183
Ion Ratio Lower Upper
165 100
63 0.9 49.8 74.6#
89 1.4 44.5 66.7#



#53
3-Nitroaniline
Concen: 2.750 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.217 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

Tgt Ion:138 Resp: 61
Ion Ratio Lower Upper
138 100
108 0.0 11.4 17.2#
92 0.0 98.6 148.0#

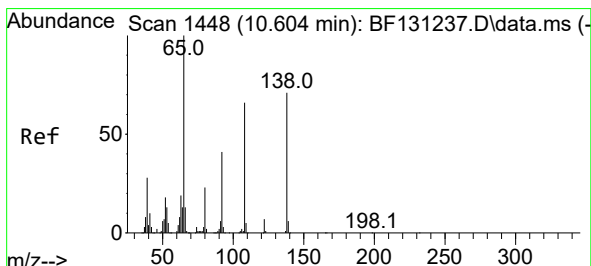
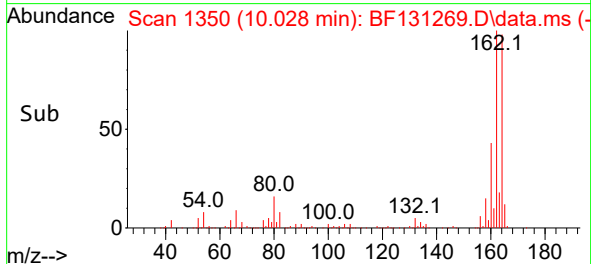
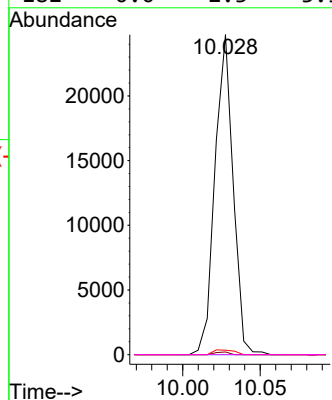
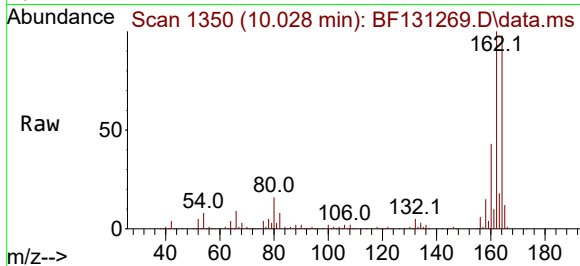




#57
2,4-Dinitrotoluene
Concen: 10.743 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

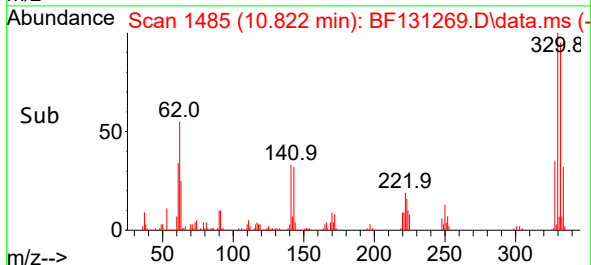
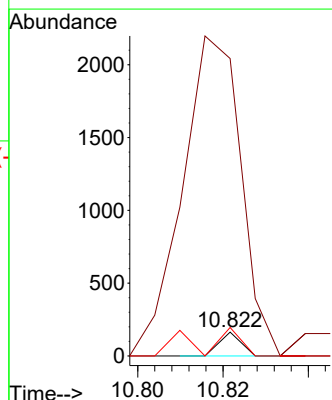
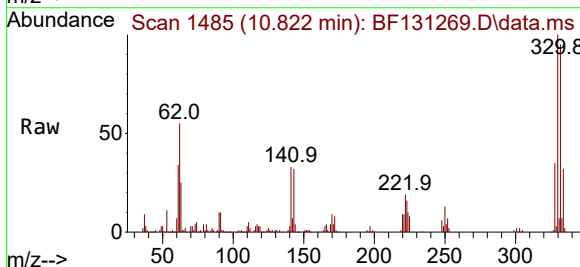
Instrument :
BNA_F
ClientSampleId :
MW-11

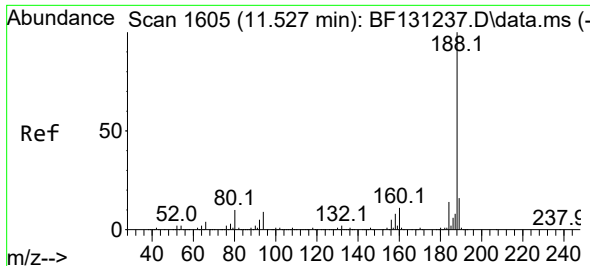
Tgt Ion:165 Resp: 20183
Ion Ratio Lower Upper
165 100
63 0.9 46.0 69.0#
89 1.4 66.2 99.4#
182 0.0 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.885 ng
RT: 10.822 min Scan# 1485
Delta R.T. 0.218 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

Tgt Ion:138 Resp: 58
Ion Ratio Lower Upper
138 100
92 1245.7 37.6 77.6#
108 119.5 73.2 113.2#

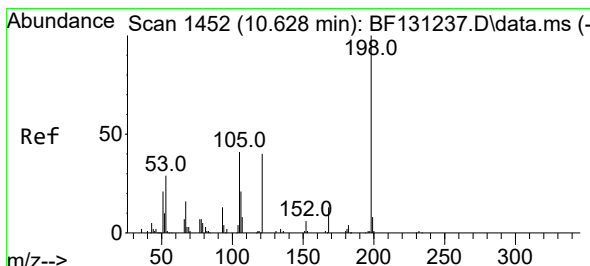
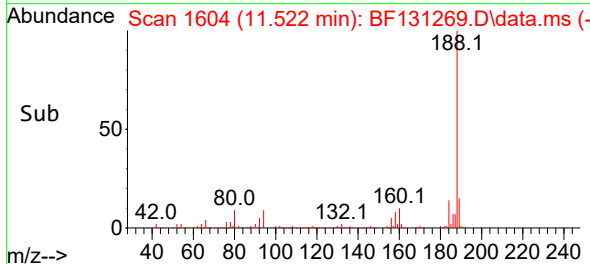
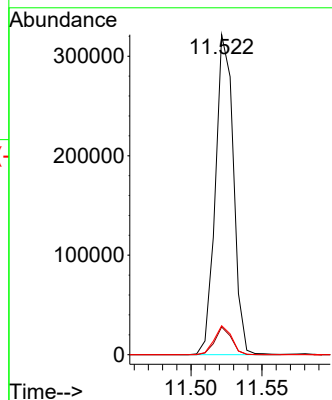
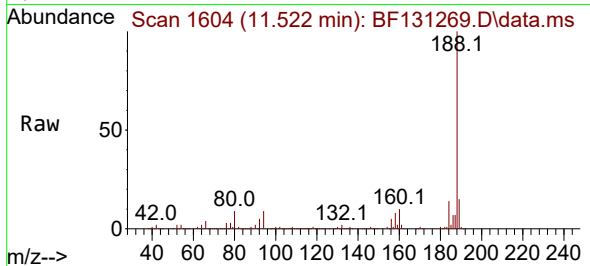




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

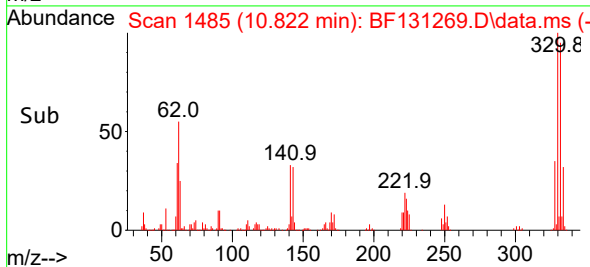
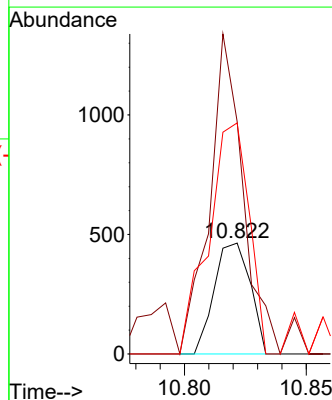
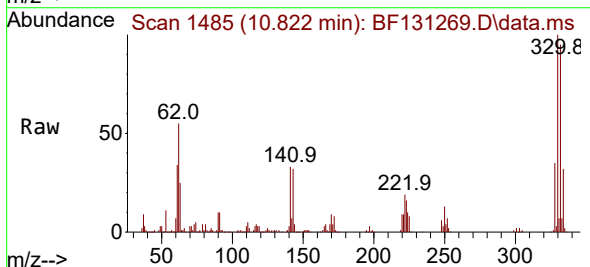
Instrument :
BNA_F
ClientSampleId :
MW-11

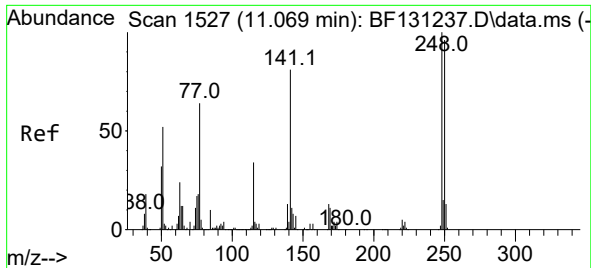
Tgt Ion:188 Resp: 283325
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.1 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.329 ng
RT: 10.822 min Scan# 1485
Delta R.T. 0.194 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

Tgt Ion:198 Resp: 477
Ion Ratio Lower Upper
198 100
51 209.5 29.4 69.4#
105 208.4 22.2 62.2#

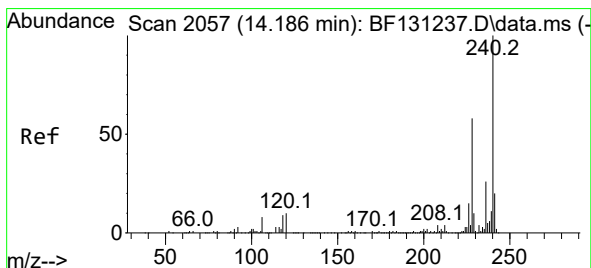
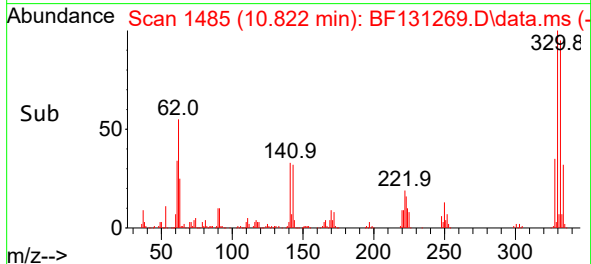
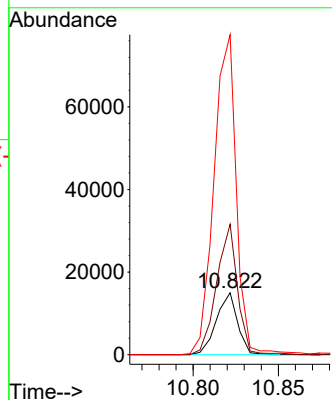
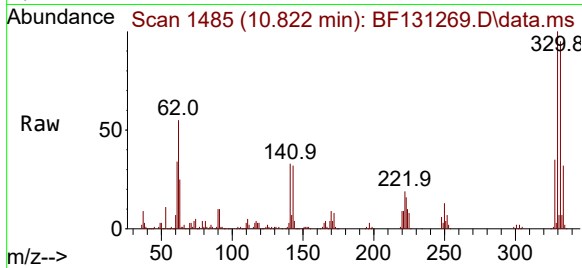




#67
4-Bromophenyl-phenylether
Concen: 3.888 ng
RT: 10.822 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

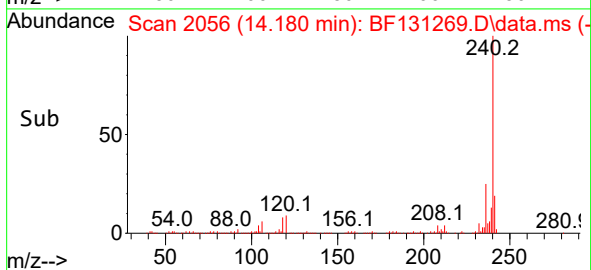
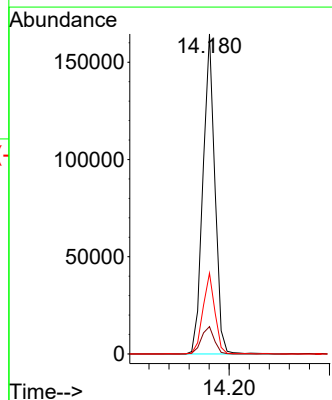
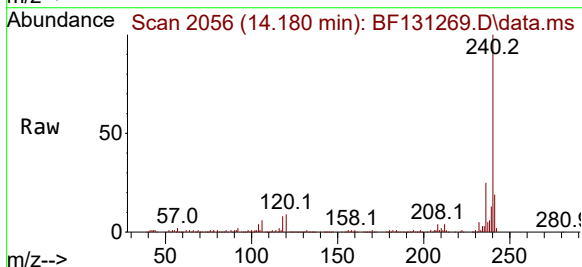
Instrument :
BNA_F
ClientSampleId :
MW-11

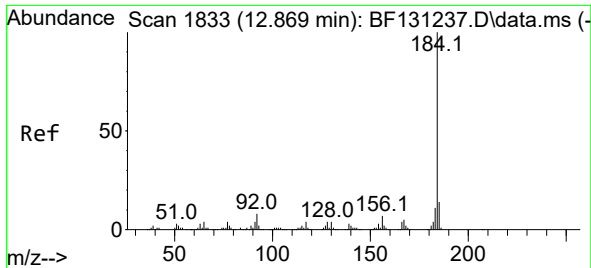
Tgt Ion:248 Resp: 12935
Ion Ratio Lower Upper
248 100
250 210.3 76.6 114.8#
141 516.1 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

Tgt Ion:240 Resp: 136279
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 25.3 20.6 31.0

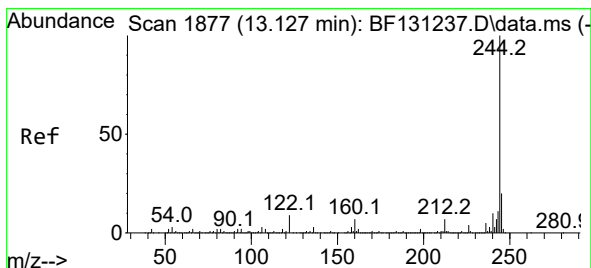
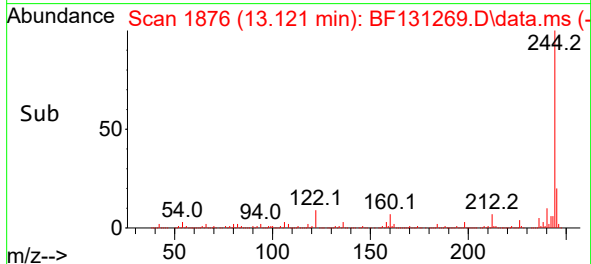
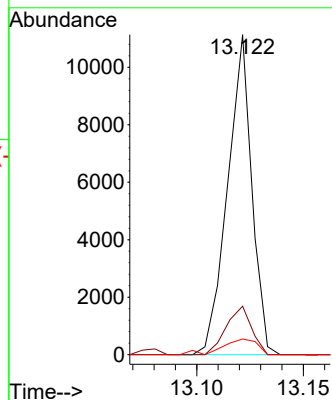
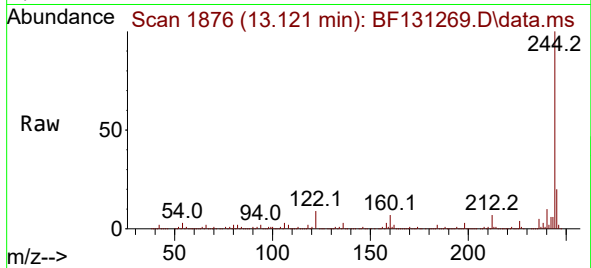




#77
Benzidine
Concen: 3.012 ng
RT: 13.121 min Scan# 1876
Delta R.T. 0.252 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

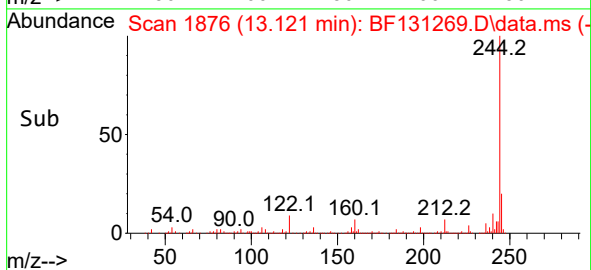
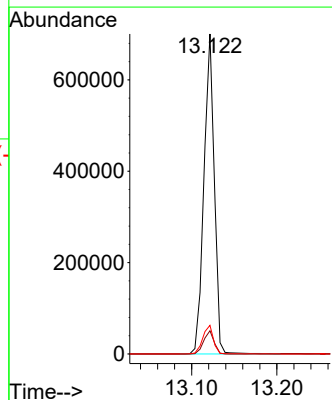
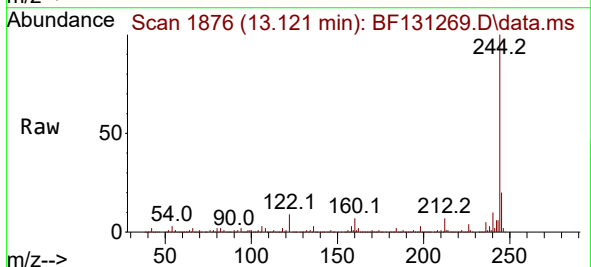
Instrument :
BNA_F
ClientSampleId :
MW-11

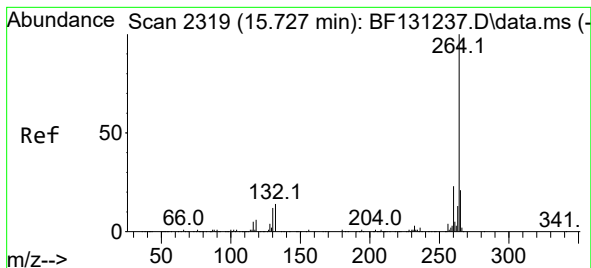
Tgt Ion:184 Resp: 8796
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.2
183 4.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 74.623 ng
RT: 13.121 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BF131269.D
Acq: 16 Nov 2022 17:18

Tgt Ion:244 Resp: 592194
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.0 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: BF131269.D

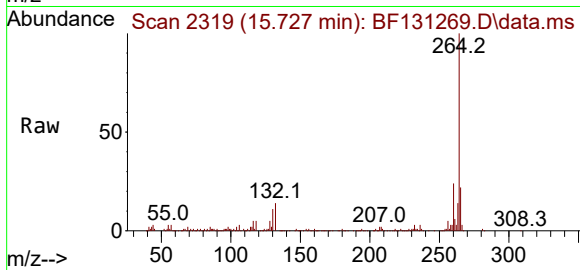
Acq: 16 Nov 2022 17:18

Instrument :

BNA_F

ClientSampleId :

MW-11



Tgt Ion:264 Resp: 160888

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 22.2 16.6 24.8

