

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131268.D
 Acq On : 16 Nov 2022 16:47
 Operator : CG\JU
 Sample : N5497-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Nov 16 22:16:34 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)

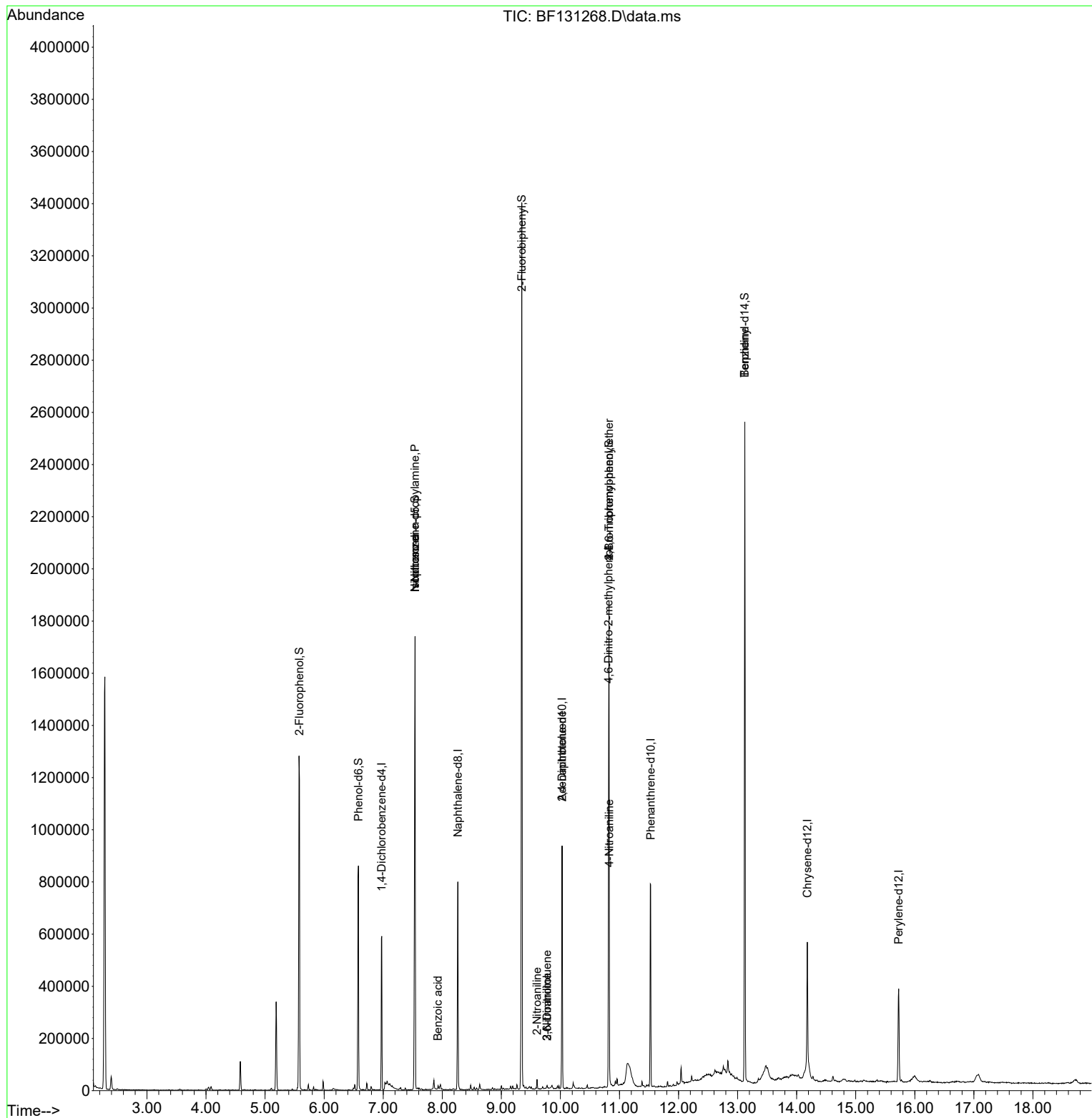
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	83684	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	307132	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	171832	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	296135	20.000	ng	# 0.00
76) Chrysene-d12	14.180	240	142326	20.000	ng	0.00
86) Perylene-d12	15.727	264	175331	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	310176	65.633	ng	0.00
7) Phenol-d6	6.581	99	251235	41.973	ng	-0.01
23) Nitrobenzene-d5	7.540	82	542208	99.091	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	194836	118.704	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	999269	85.103	ng	0.00
79) Terphenyl-d14	13.122	244	858299	103.560	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.540	70	76384	18.313	ng	# 74
25) Isophorone	7.540	82	541048	49.495	ng	# 67
32) Benzoic acid	7.928	122	3120	7.007	ng	# 82
48) 2-Nitroaniline	9.604	65	650	4.231	ng	# 13
51) 2,6-Dinitrotoluene	9.775	165	887	3.315	ng	# 21
53) 3-Nitroaniline	9.775	138	184	2.794	ng	# 1
57) 2,4-Dinitrotoluene	10.028	165	21592	10.807	ng	# 17
62) 4-Nitroaniline	10.828	138	56	2.883	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.816	198	574	8.376	ng	# 1
67) 4-Bromophenyl-phenylether	10.822	248	13268	3.816	ng	# 1
77) Benzidine	13.122	184	12140	3.980	ng	# 94

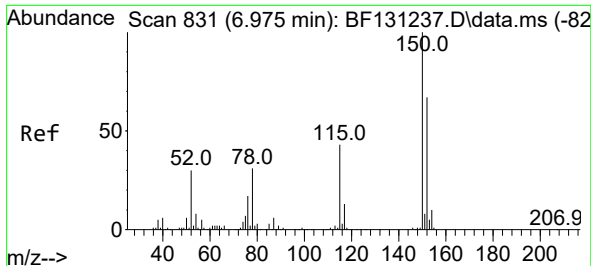
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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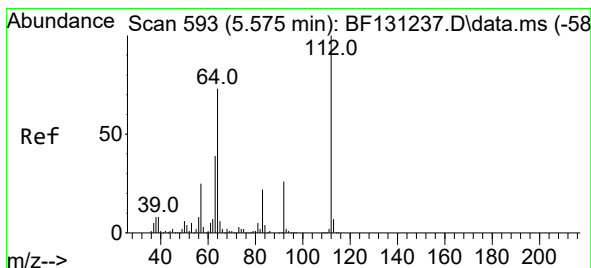
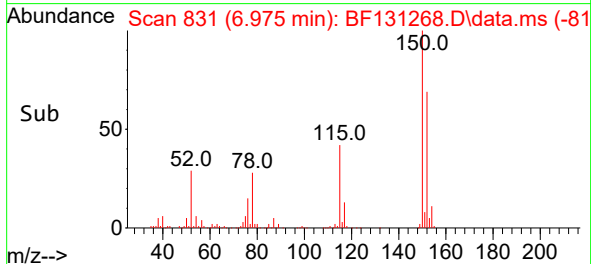
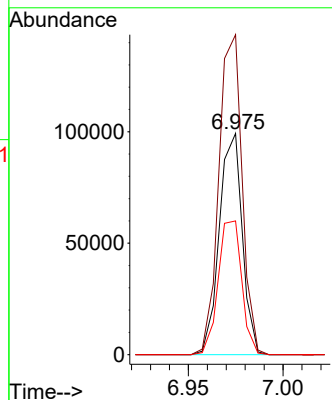
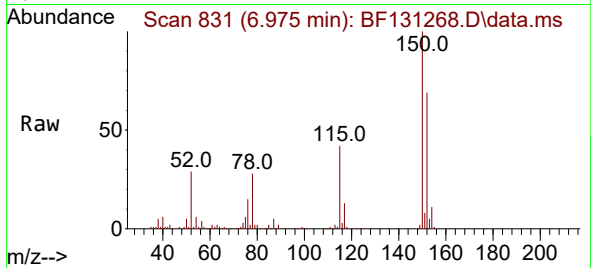




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

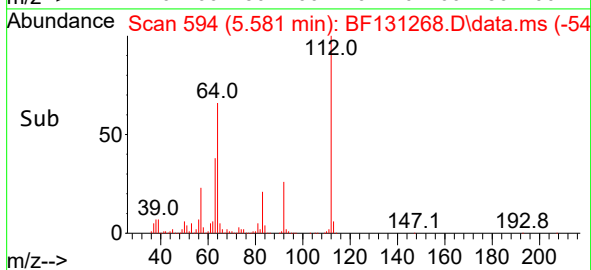
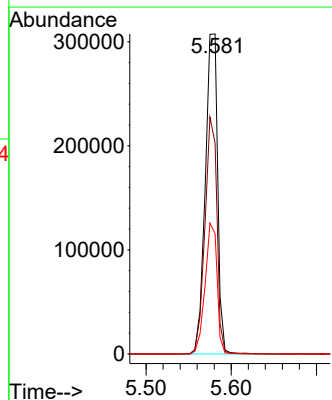
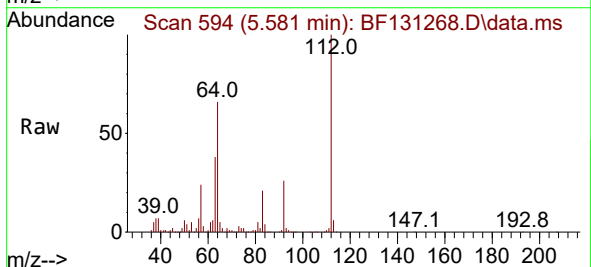
Instrument :
BNA_F
ClientSampleId :
MW-13

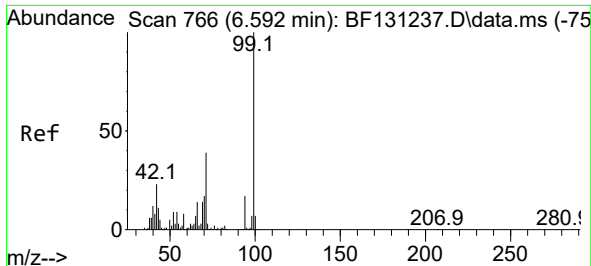
Tgt Ion:152 Resp: 83684
Ion Ratio Lower Upper
152 100
150 144.7 120.2 180.4
115 60.4 51.8 77.8



#5
2-Fluorophenol
Concen: 65.633 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.006 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

Tgt Ion:112 Resp: 310176
Ion Ratio Lower Upper
112 100
64 65.8 58.4 87.6
63 37.7 31.6 47.4

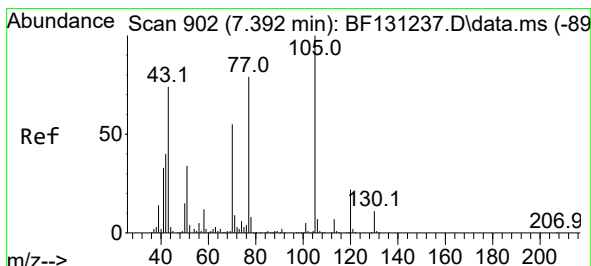
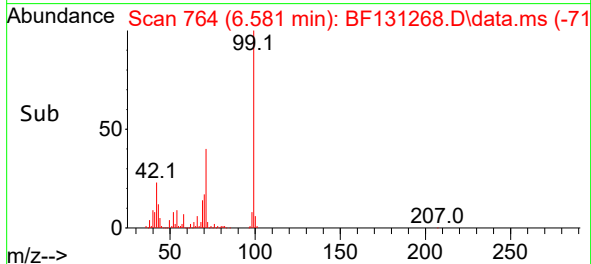
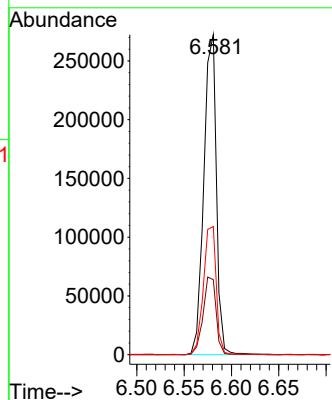
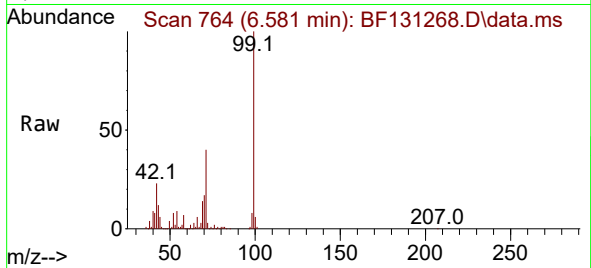




#7
Phenol-d6
Concen: 41.973 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.011 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

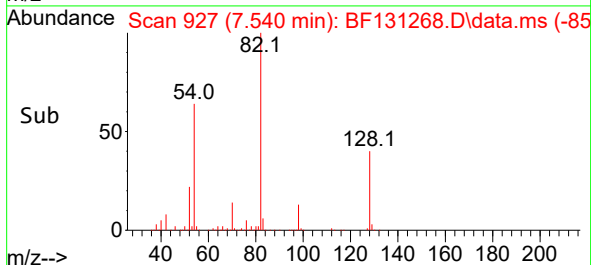
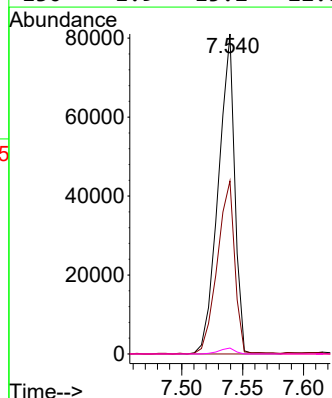
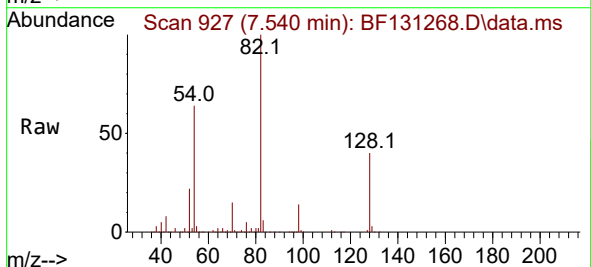
Instrument :
BNA_F
ClientSampleId :
MW-13

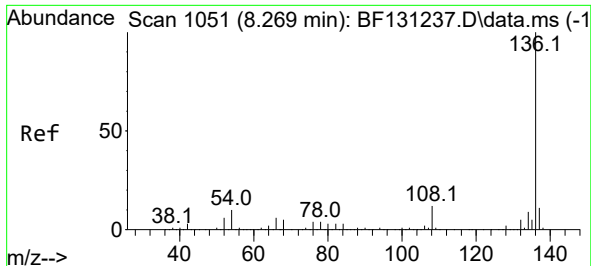
Tgt Ion: 99 Resp: 251235
Ion Ratio Lower Upper
99 100
42 23.4 18.6 28.0
71 40.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.313 ng
RT: 7.540 min Scan# 927
Delta R.T. 0.147 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

Tgt Ion: 70 Resp: 76384
Ion Ratio Lower Upper
70 100
42 54.1 58.3 87.5#
101 0.0 7.2 10.8#
130 1.9 15.2 22.8#

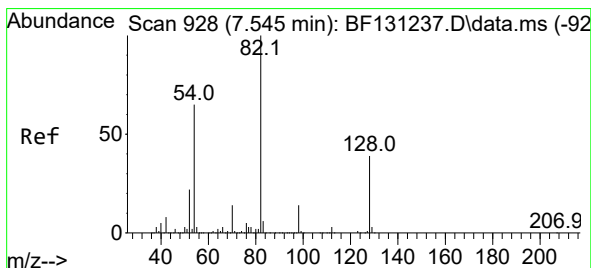
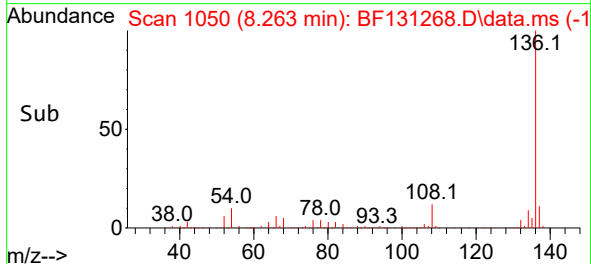
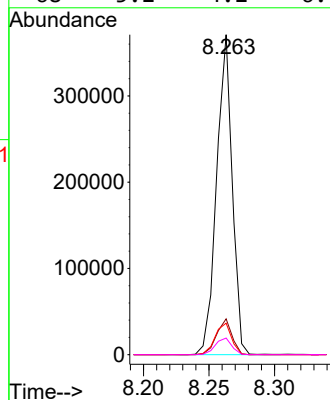
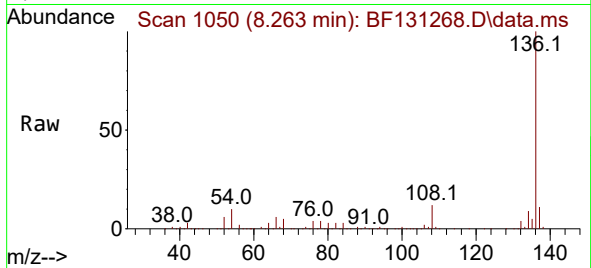




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

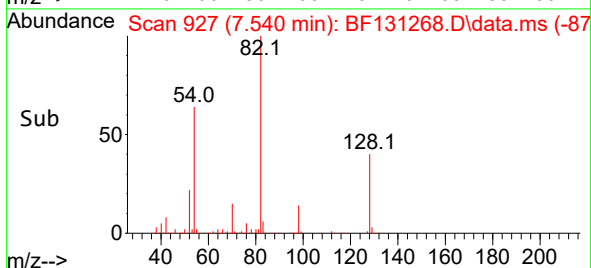
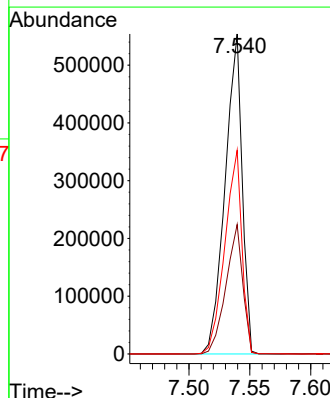
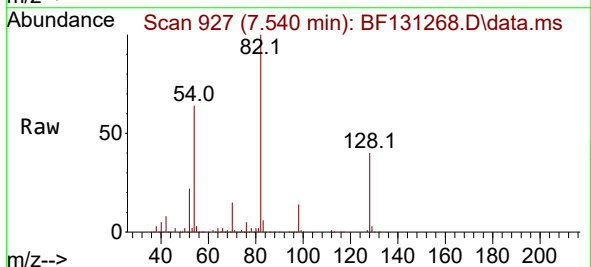
Instrument :
BNA_F
ClientSampleId :
MW-13

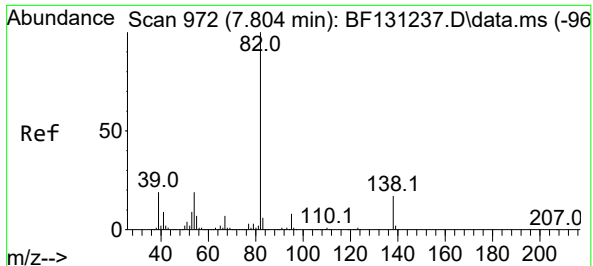
Tgt Ion:	136	Resp:	307132
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	9.9	7.8	11.8
68	5.2	4.2	6.4



#23
Nitrobenzene-d5
Concen: 99.091 ng
RT: 7.540 min Scan# 927
Delta R.T. -0.005 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

Tgt Ion:	82	Resp:	542208
Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.1	46.7
54	63.6	51.8	77.6

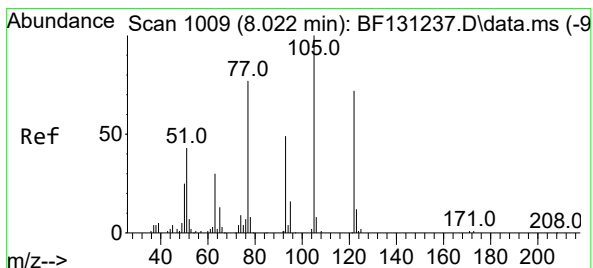
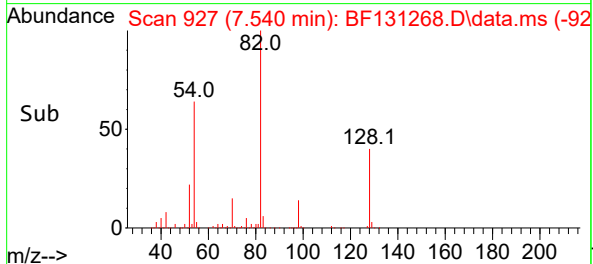
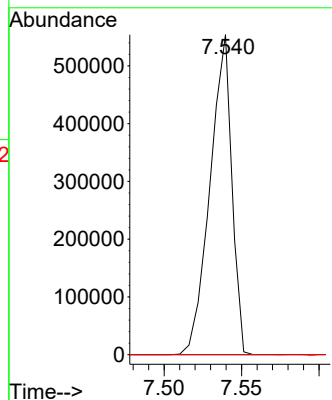
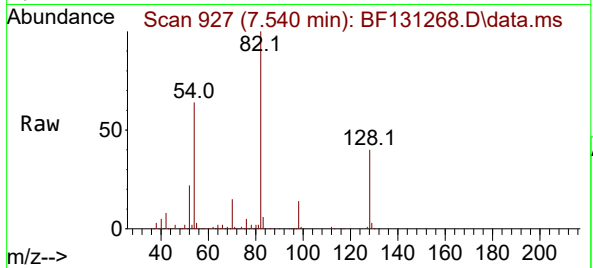




#25
Isophorone
Concen: 49.495 ng
RT: 7.540 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

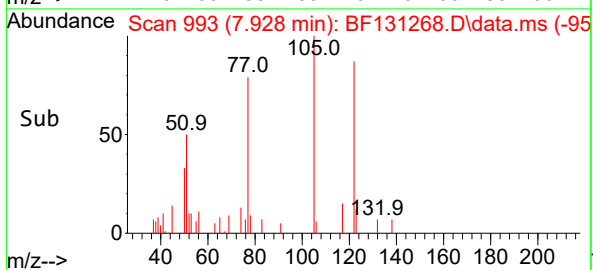
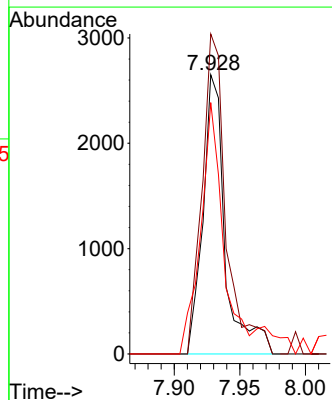
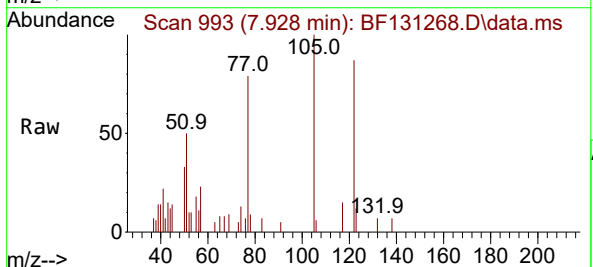
Instrument :
BNA_F
ClientSampleId :
MW-13

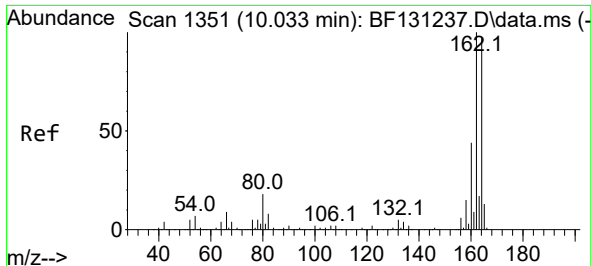
Tgt Ion: 82 Resp: 541048
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.007 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.094 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

Tgt Ion:122 Resp: 3120
Ion Ratio Lower Upper
122 100
105 114.6 116.9 156.9#
77 90.0 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: BF131268.D

Acq: 16 Nov 2022 16:47

Instrument :

BNA_F

ClientSampleId :

MW-13

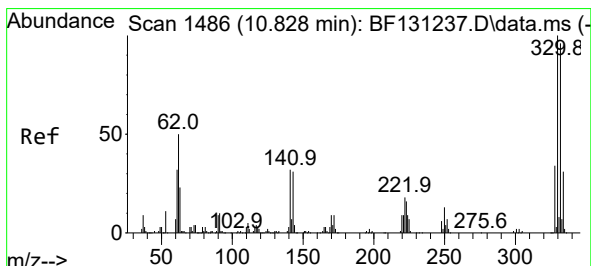
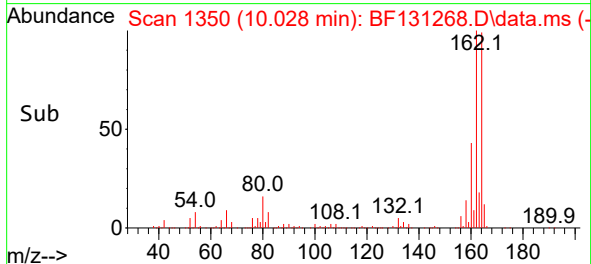
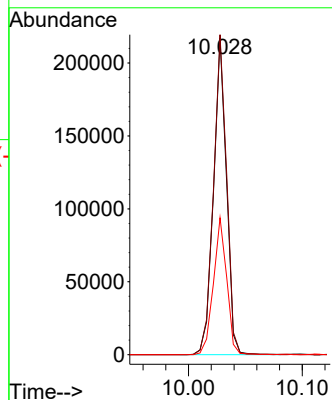
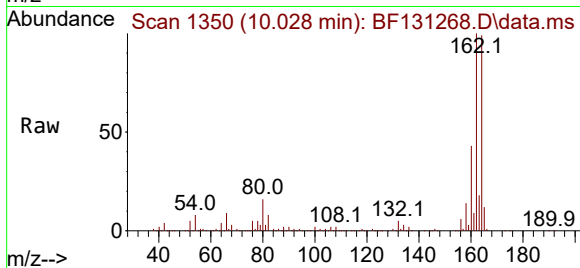
Tgt Ion:164 Resp: 171832

Ion Ratio Lower Upper

164 100

162 101.0 82.1 123.1

160 43.3 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 118.704 ng

RT: 10.822 min Scan# 1485

Delta R.T. -0.006 min

Lab File: BF131268.D

Acq: 16 Nov 2022 16:47

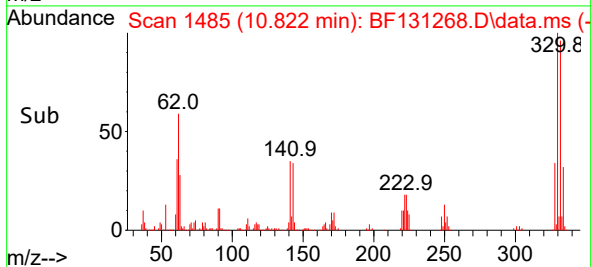
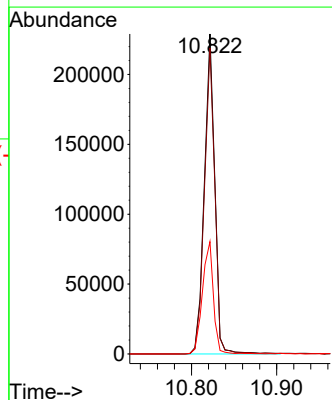
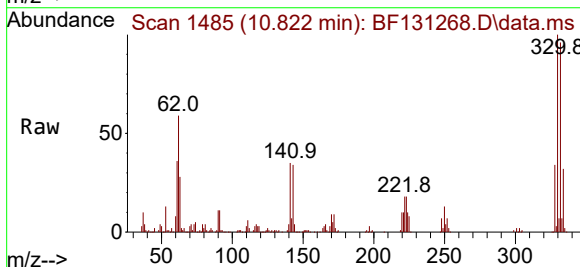
Tgt Ion:330 Resp: 194836

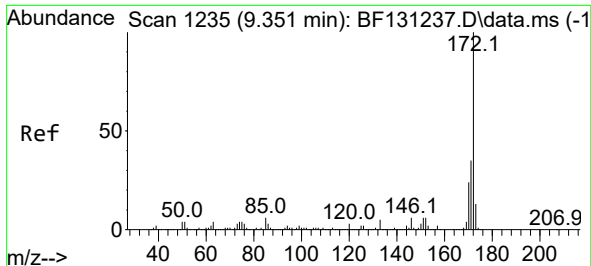
Ion Ratio Lower Upper

330 100

332 95.3 76.8 115.2

141 37.1 29.6 44.4

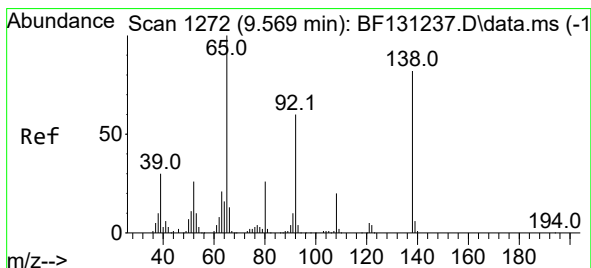
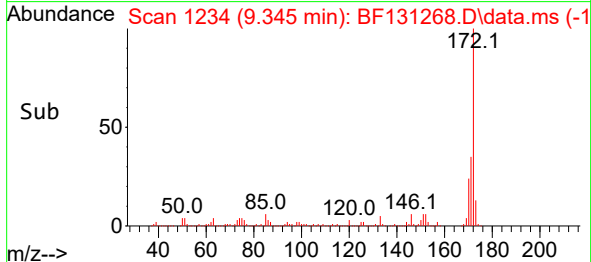
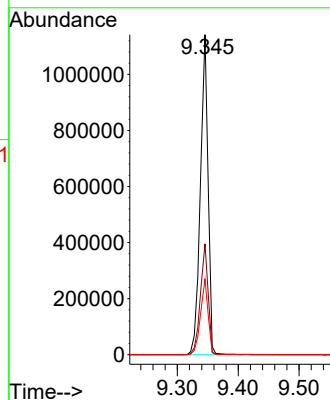
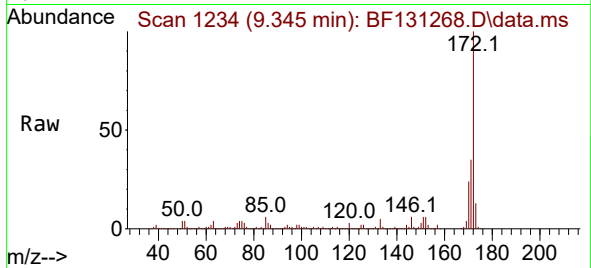




#45
2-Fluorobiphenyl
Concen: 85.103 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

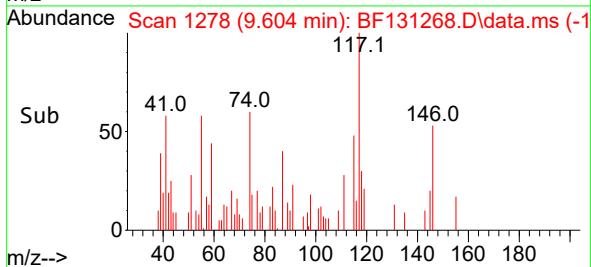
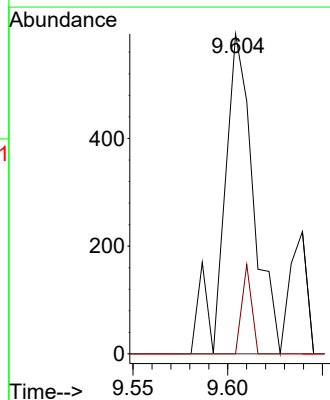
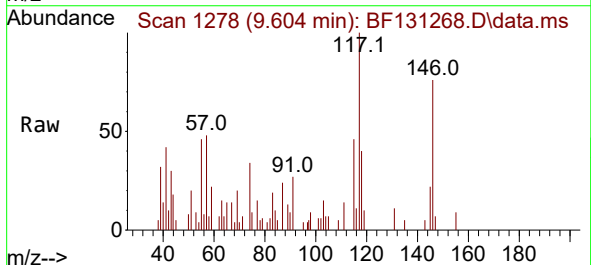
Instrument :
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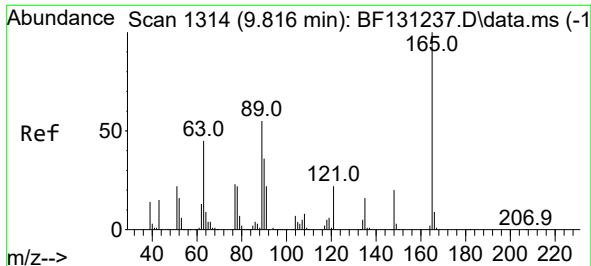
Tgt Ion:172 Resp: 999269
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.6 18.8 28.2



#48
2-Nitroaniline
Concen: 4.231 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.035 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

Tgt Ion: 65 Resp: 650
Ion Ratio Lower Upper
65 100
92 0.0 48.2 72.2#
138 0.0 65.8 98.8#





#51

2,6-Dinitrotoluene

Concen: 3.315 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.041 min

Lab File: BF131268.D

Acq: 16 Nov 2022 16:47

Instrument :

BNA_F

ClientSampleId :

MW-13

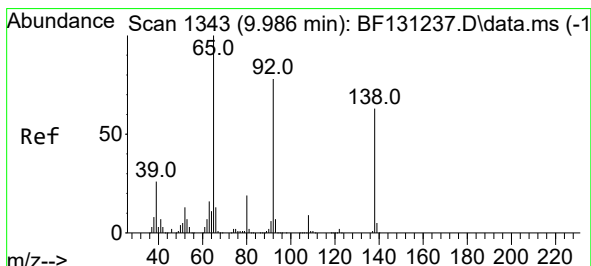
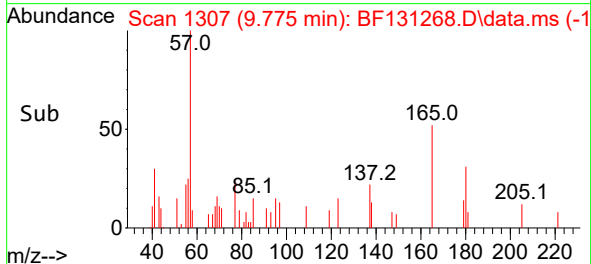
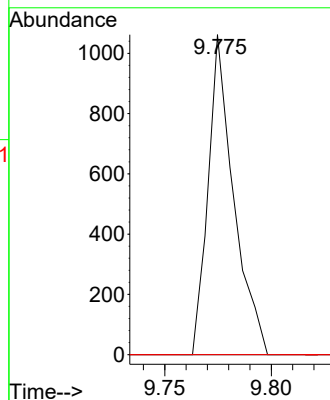
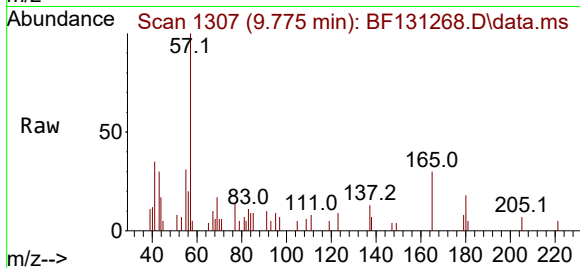
Tgt Ion:165 Resp: 887

Ion Ratio Lower Upper

165 100

63 0.0 49.8 74.6#

89 0.0 44.5 66.7#



#53

3-Nitroaniline

Concen: 2.794 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.211 min

Lab File: BF131268.D

Acq: 16 Nov 2022 16:47

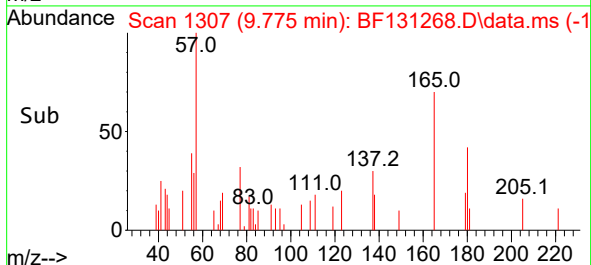
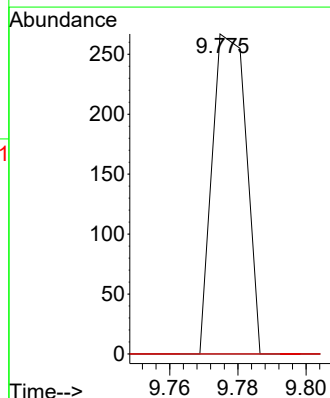
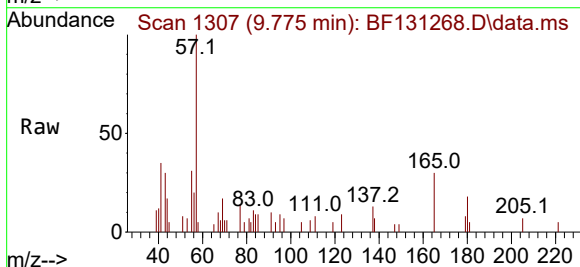
Tgt Ion:138 Resp: 184

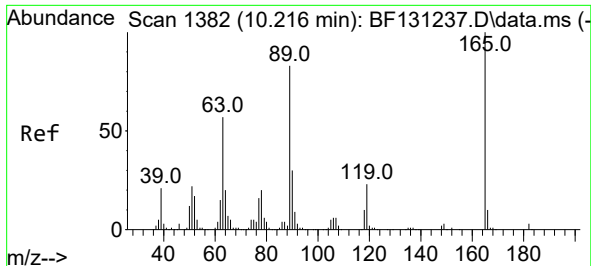
Ion Ratio Lower Upper

138 100

108 0.0 11.4 17.2#

92 0.0 98.6 148.0#

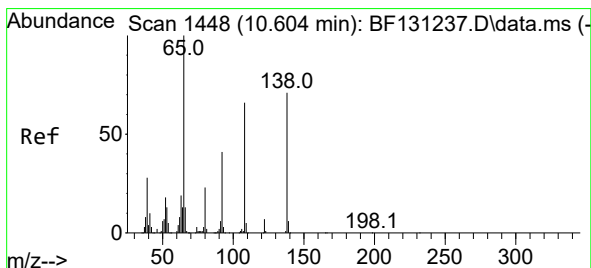
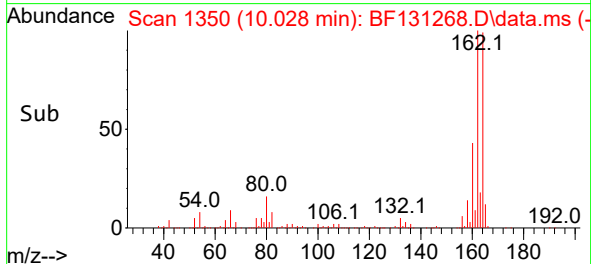
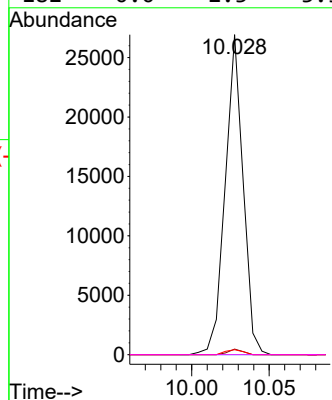
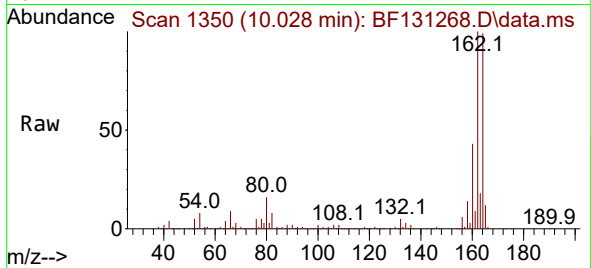




#57
2,4-Dinitrotoluene
Concen: 10.807 ng
RT: 10.028 min Scan# 1486
Delta R.T. -0.188 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

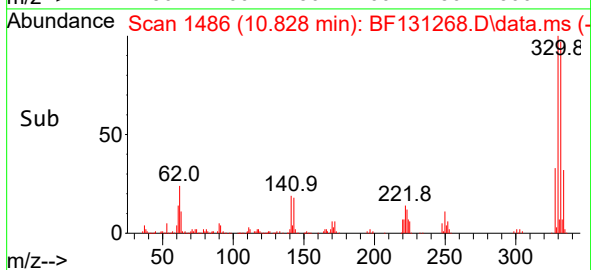
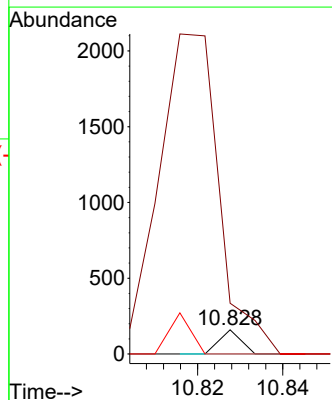
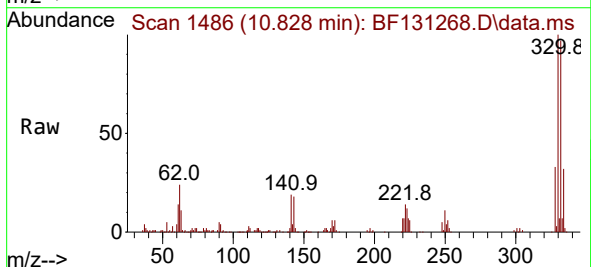
Instrument :
BNA_F
ClientSampleId :
MW-13

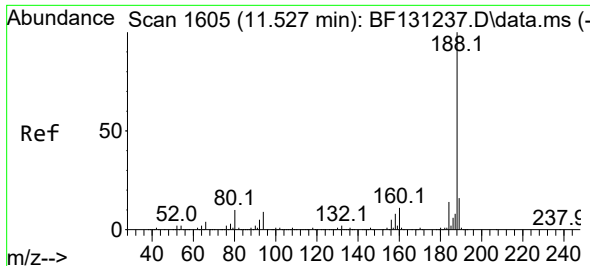
Tgt Ion:165 Resp: 21592
Ion Ratio Lower Upper
165 100
63 1.8 46.0 69.0#
89 1.5 66.2 99.4#
182 0.0 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.883 ng
RT: 10.828 min Scan# 1486
Delta R.T. 0.224 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
92 209.4 37.6 77.6#
108 0.0 73.2 113.2#

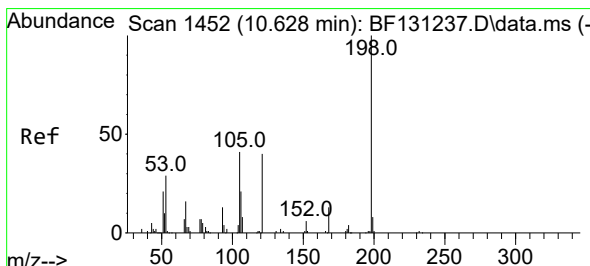
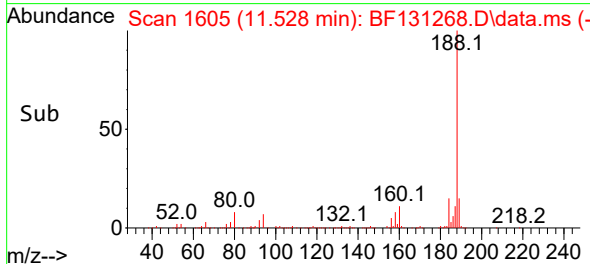
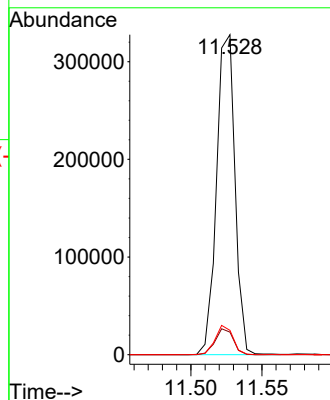
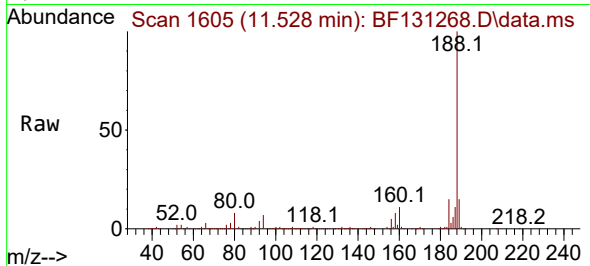




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

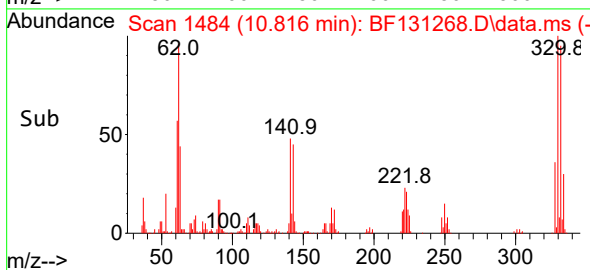
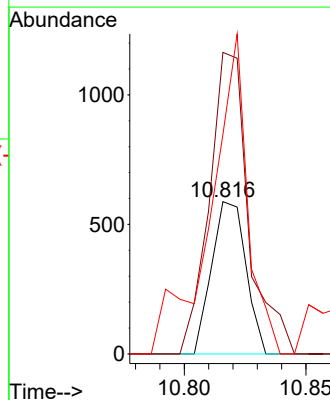
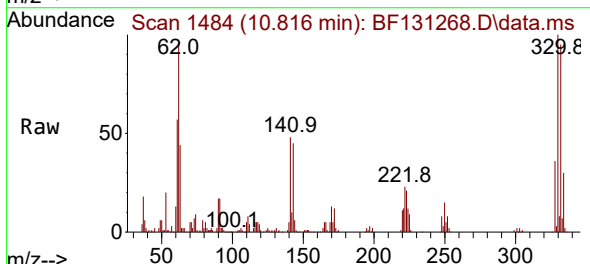
Instrument :
BNA_F
ClientSampleId :
MW-13

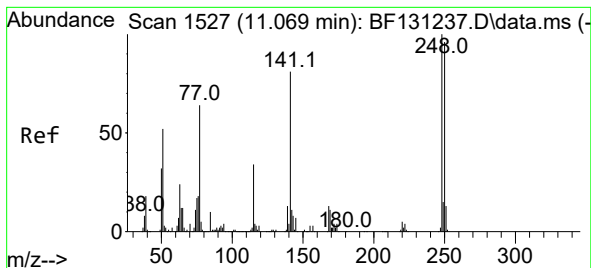
Tgt Ion:188 Resp: 296135
Ion Ratio Lower Upper
188 100
94 7.1 6.8 10.2
80 7.6 8.0 12.0#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.376 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.188 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

Tgt Ion:198 Resp: 574
Ion Ratio Lower Upper
198 100
51 198.0 29.4 69.4#
105 144.0 22.2 62.2#

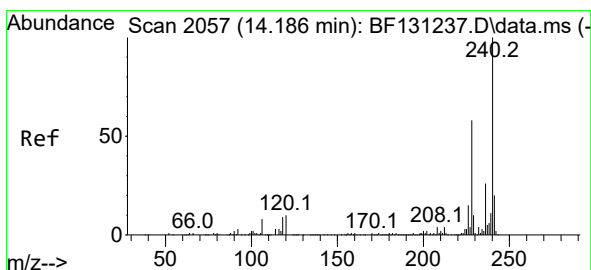
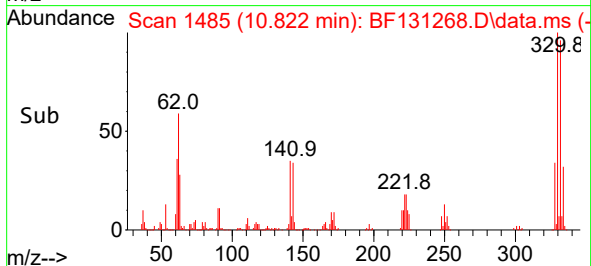
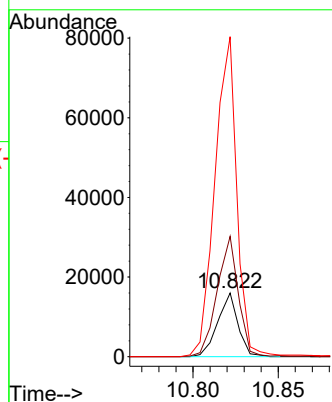
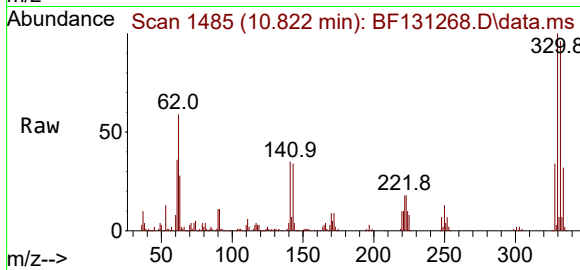




#67
4-Bromophenyl-phenylether
Concen: 3.816 ng
RT: 10.822 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

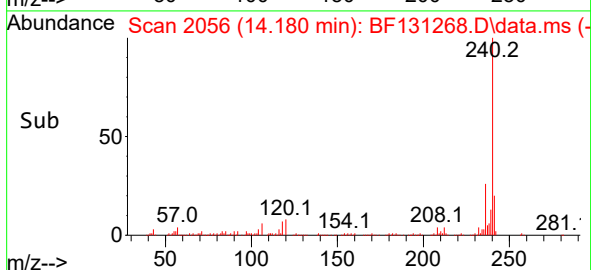
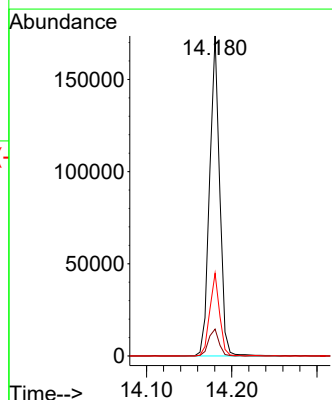
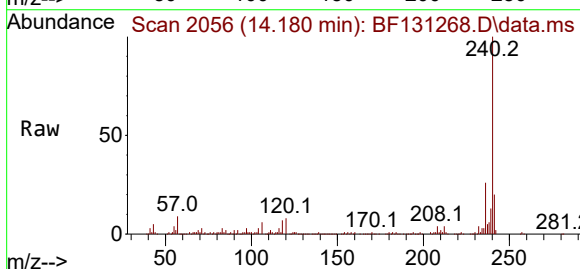
Instrument :
BNA_F
ClientSampleId :
MW-13

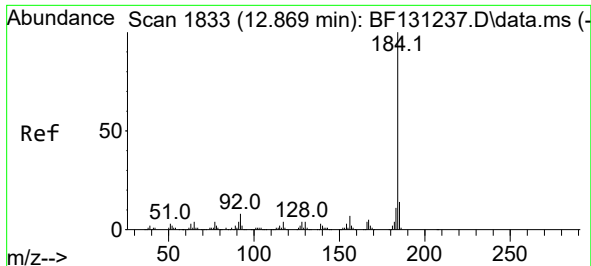
Tgt Ion:248 Resp: 13268
Ion Ratio Lower Upper
248 100
250 189.0 76.6 114.8#
141 502.5 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

Tgt Ion:240 Resp: 142326
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 25.9 20.6 31.0

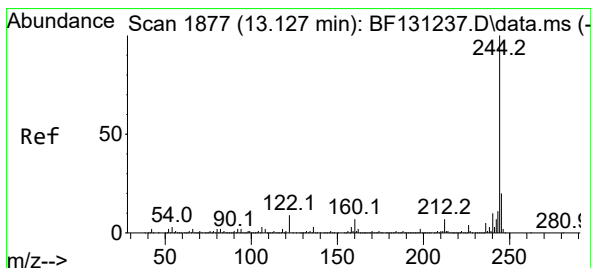
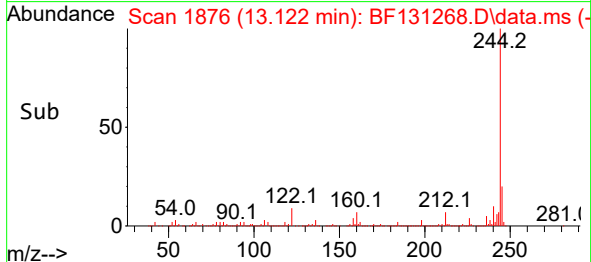
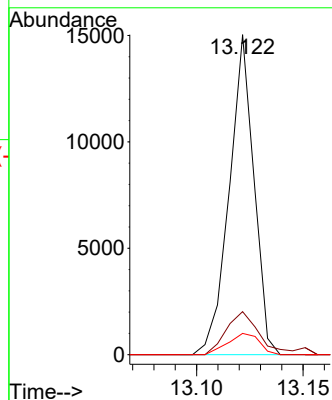
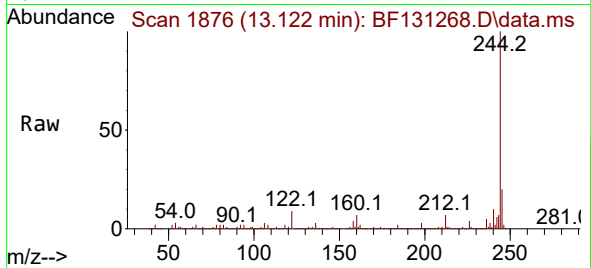




#77
Benzidine
Concen: 3.980 ng
RT: 13.122 min Scan# 1876
Delta R.T. 0.253 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

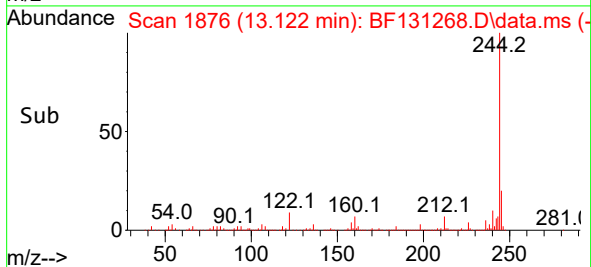
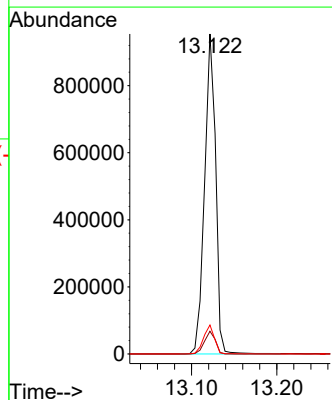
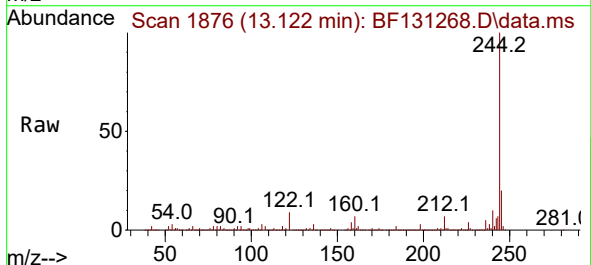
Instrument :
BNA_F
ClientSampleId :
MW-13

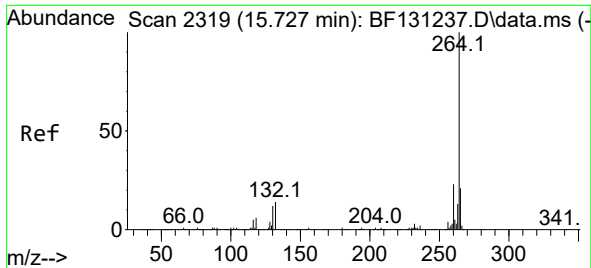
Tgt Ion:184 Resp: 12140
Ion Ratio Lower Upper
184 100
185 13.4 11.4 17.2
183 6.7 9.0 13.4#



#79
Terphenyl-d14
Concen: 103.560 ng
RT: 13.122 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BF131268.D
Acq: 16 Nov 2022 16:47

Tgt Ion:244 Resp: 858299
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.1 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: BF131268.D

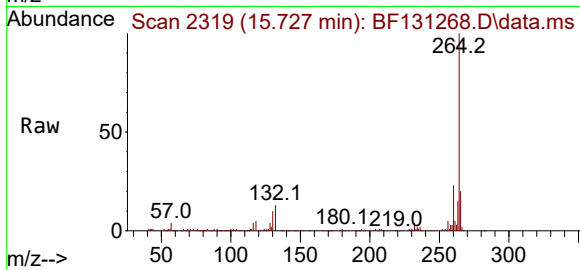
Acq: 16 Nov 2022 16:47

Instrument :

BNA_F

ClientSampleId :

MW-13



Tgt Ion:264 Resp: 175331

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 20.0 16.6 24.8

