

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131271.D
 Acq On : 16 Nov 2022 18:19
 Operator : CG\JU
 Sample : N6497-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Nov 16 22:17:17 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)

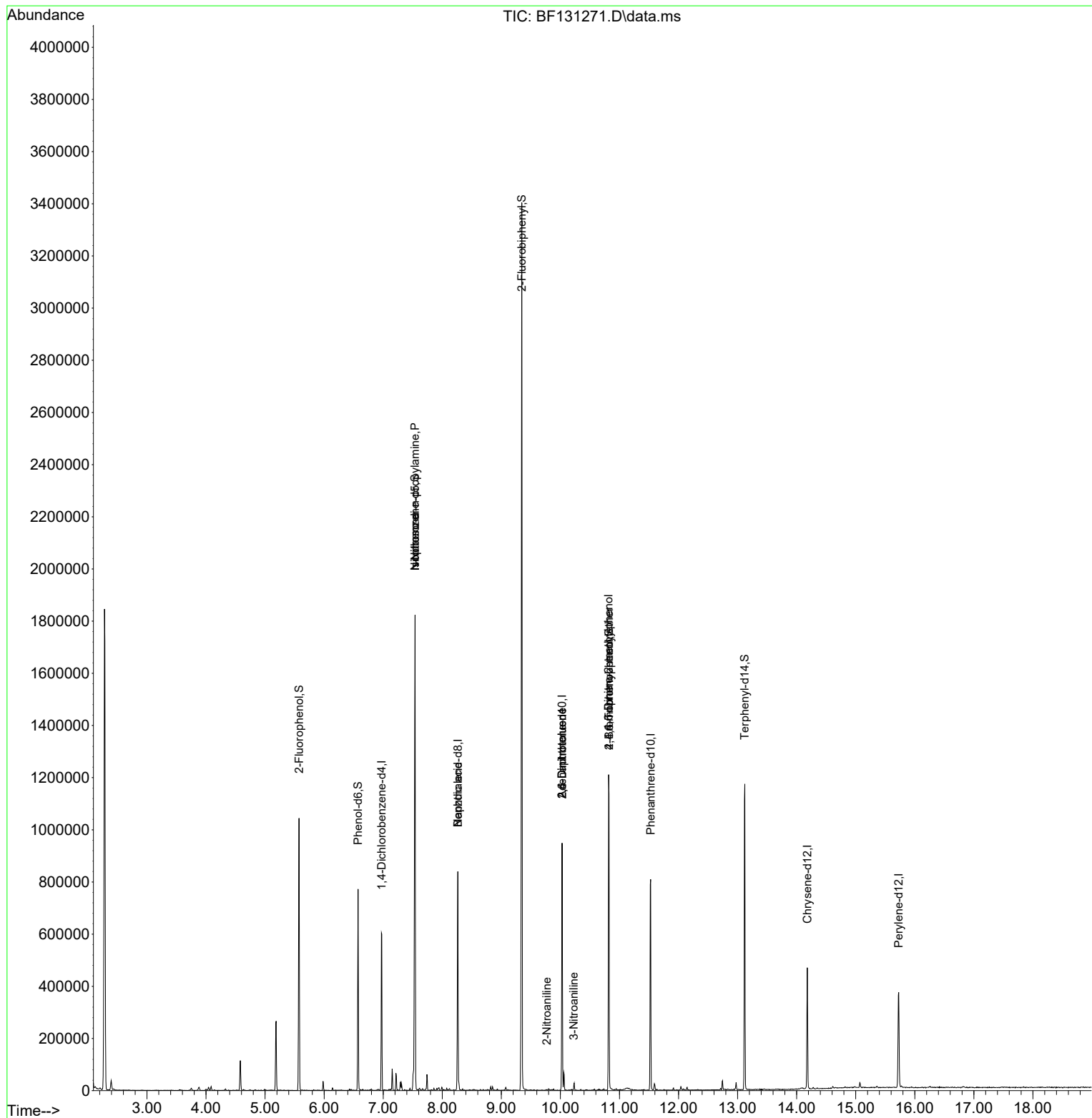
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	88239	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	322971	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	179147	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	307330	20.000	ng	0.00
76) Chrysene-d12	14.180	240	146532	20.000	ng	0.00
86) Perylene-d12	15.727	264	179691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	219993	44.148	ng	0.00
7) Phenol-d6	6.575	99	192298	30.468	ng	-0.02
23) Nitrobenzene-d5	7.540	82	555558	96.552	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	135392	79.120	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1021559	83.449	ng	0.00
79) Terphenyl-d14	13.122	244	413536	48.464	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.540	70	77115	17.534	ng	# 78
25) Isophorone	7.540	82	554150	48.207	ng	# 67
32) Benzoic acid	8.263	122	55	6.180	ng	# 1
48) 2-Nitroaniline	9.769	65	71	4.076	ng	# 13
51) 2,6-Dinitrotoluene	10.028	165	23126	11.592	ng	# 23
53) 3-Nitroaniline	10.228	138	73	2.752	ng	# 1
57) 2,4-Dinitrotoluene	10.028	165	23126	10.987	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.816	198	264	8.176	ng	# 1
67) 4-Bromophenyl-phenylether	10.822	248	8931	2.475	ng	# 1

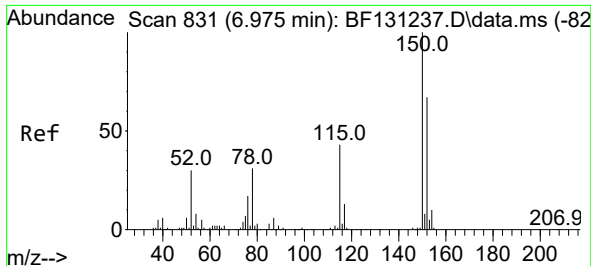
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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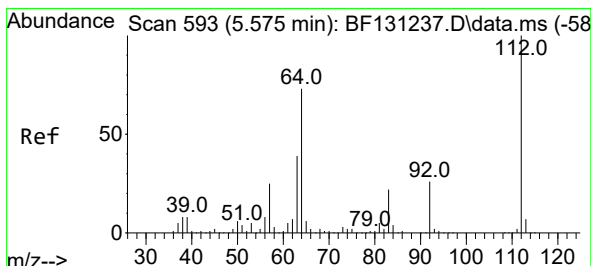
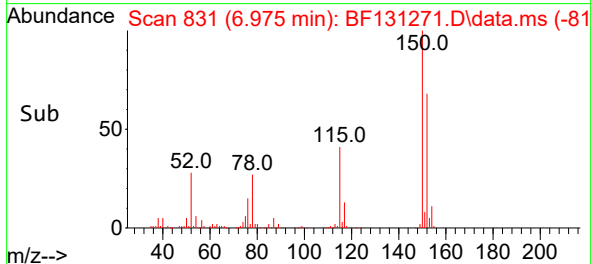
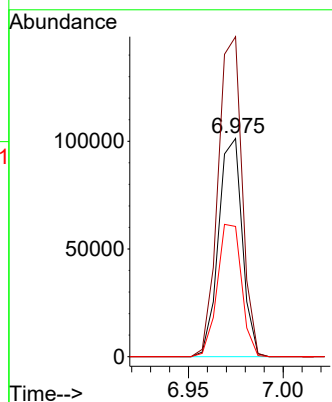
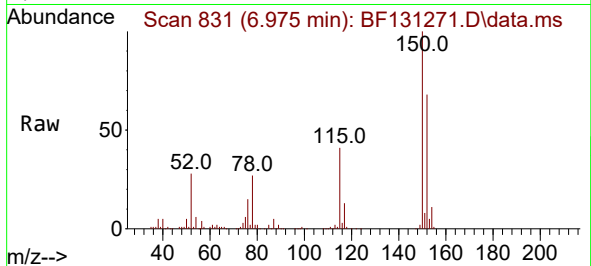




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

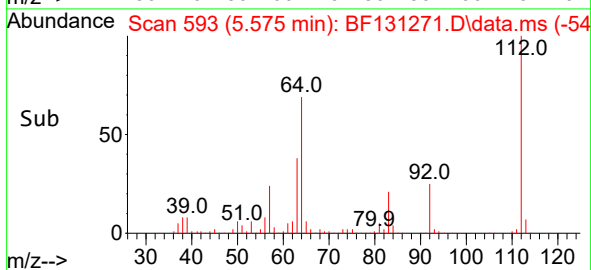
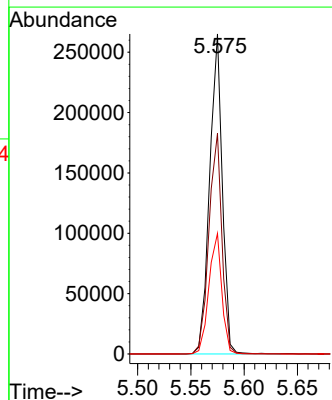
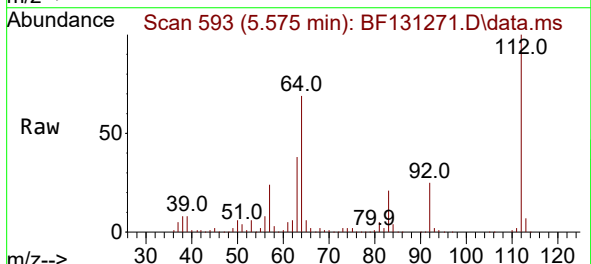
Instrument :
BNA_F
ClientSampleId :
MW-06

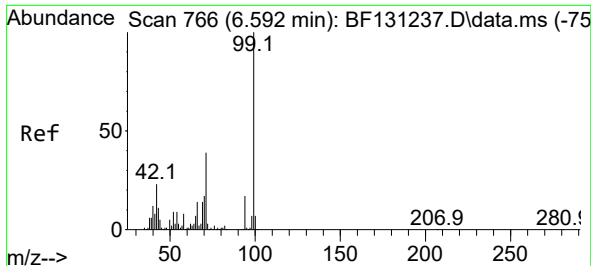
Tgt Ion:152 Resp: 88239
Ion Ratio Lower Upper
152 100
150 146.6 120.2 180.4
115 59.7 51.8 77.8



#5
2-Fluorophenol
Concen: 44.148 ng
RT: 5.575 min Scan# 593
Delta R.T. -0.000 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

Tgt Ion:112 Resp: 219993
Ion Ratio Lower Upper
112 100
64 68.9 58.4 87.6
63 37.6 31.6 47.4

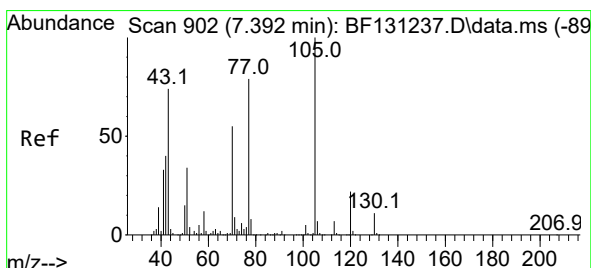
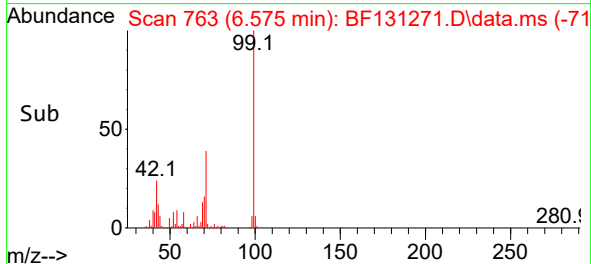
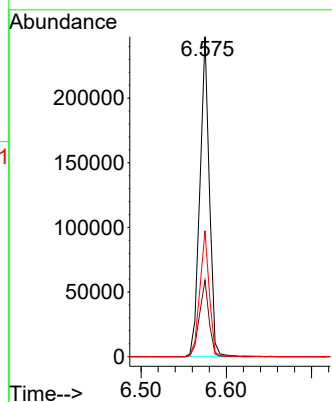
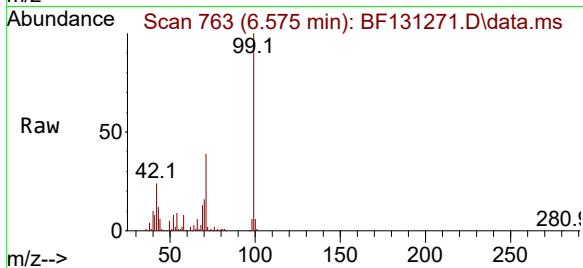




#7
Phenol-d6
Concen: 30.468 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.017 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

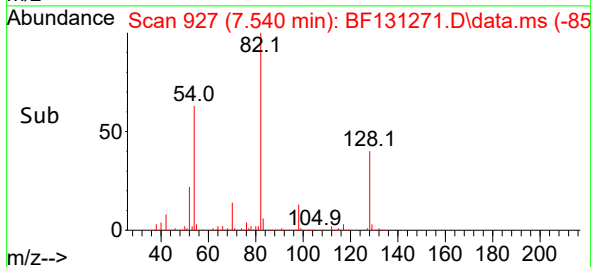
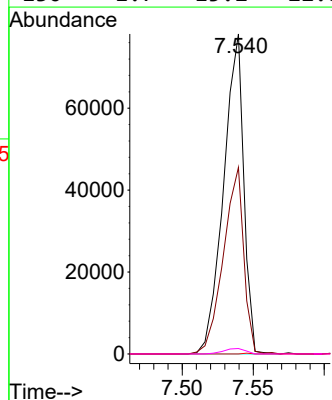
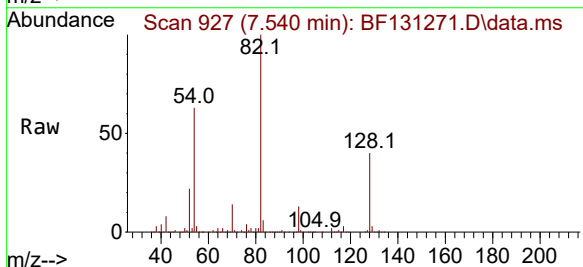
Instrument :
BNA_F
ClientSampleId :
MW-06

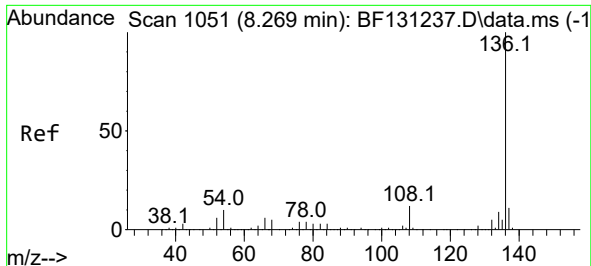
Tgt Ion: 99 Resp: 192298
Ion Ratio Lower Upper
99 100
42 23.9 18.6 28.0
71 39.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.534 ng
RT: 7.540 min Scan# 927
Delta R.T. 0.147 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

Tgt Ion: 70 Resp: 77115
Ion Ratio Lower Upper
70 100
42 58.3 58.3 87.5#
101 0.0 7.2 10.8#
130 1.7 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: BF131271.D

Acq: 16 Nov 2022 18:19

Instrument :

BNA_F

ClientSampleId :

MW-06

Tgt Ion:136 Resp: 322971

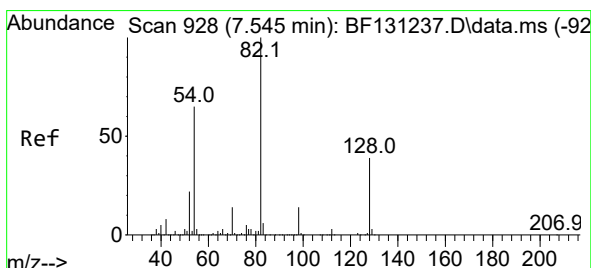
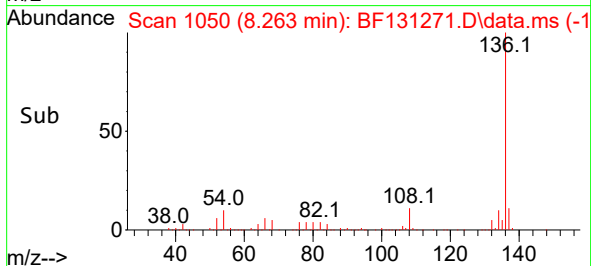
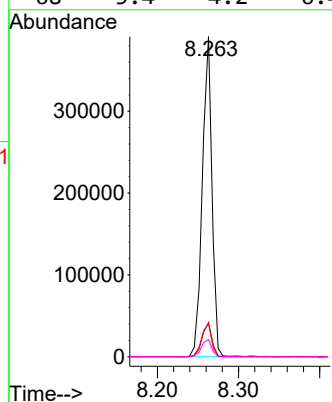
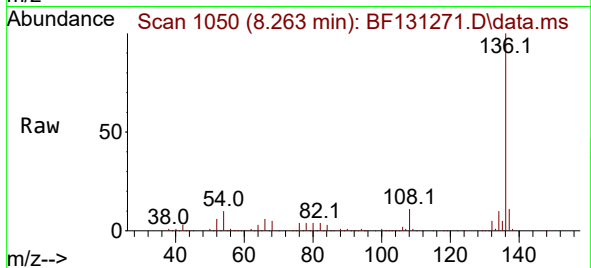
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.4 7.8 11.8

68 5.4 4.2 6.4



#23

Nitrobenzene-d5

Concen: 96.552 ng

RT: 7.540 min Scan# 927

Delta R.T. -0.005 min

Lab File: BF131271.D

Acq: 16 Nov 2022 18:19

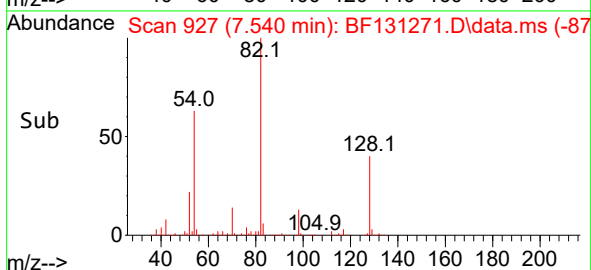
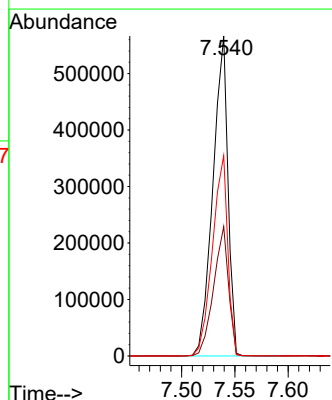
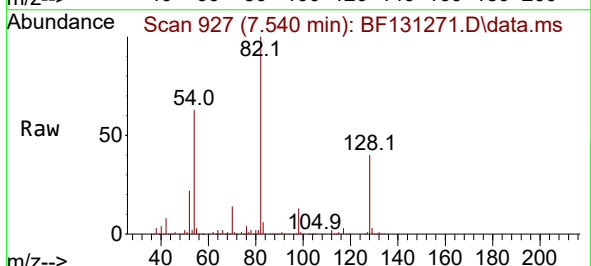
Tgt Ion: 82 Resp: 555558

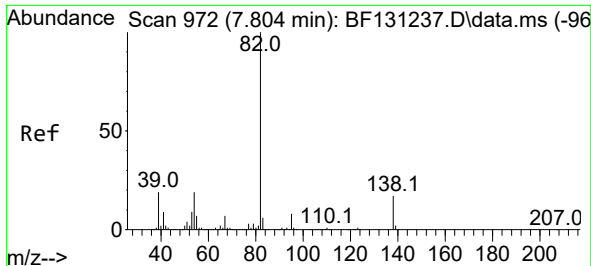
Ion Ratio Lower Upper

82 100

128 40.5 31.1 46.7

54 62.6 51.8 77.6

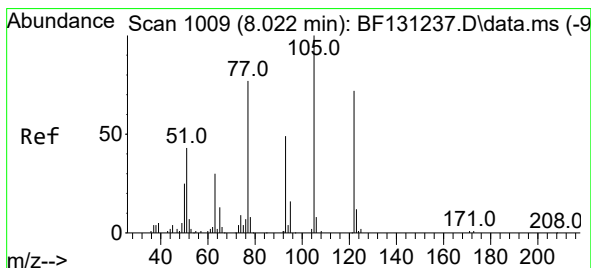
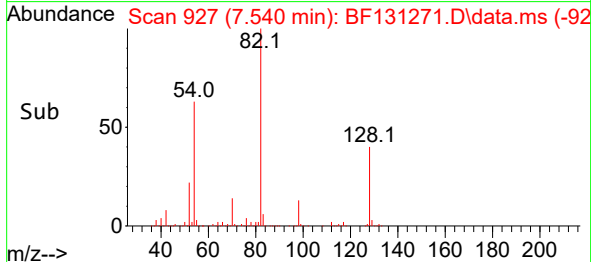
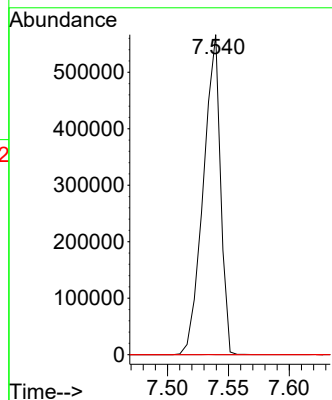
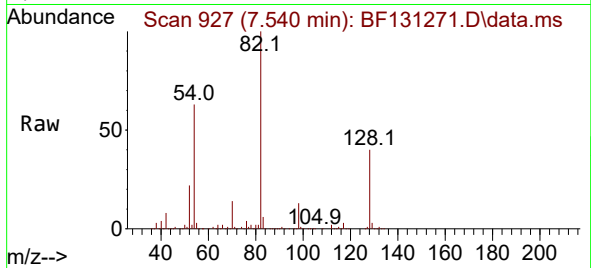




#25
Isophorone
Concen: 48.207 ng
RT: 7.540 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

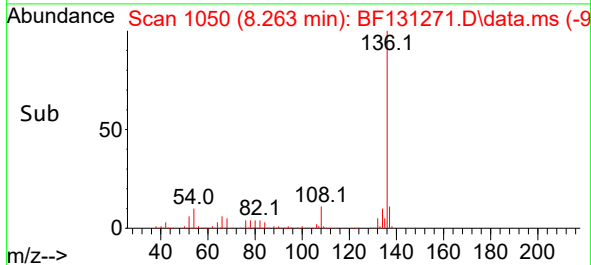
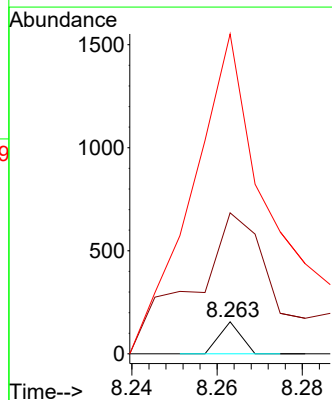
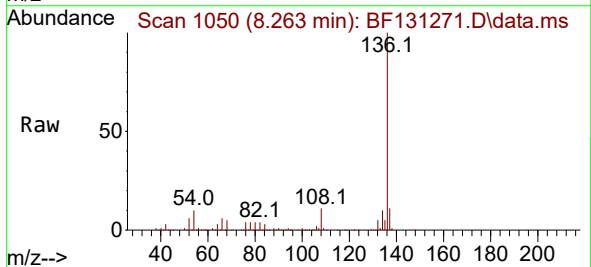
Instrument :
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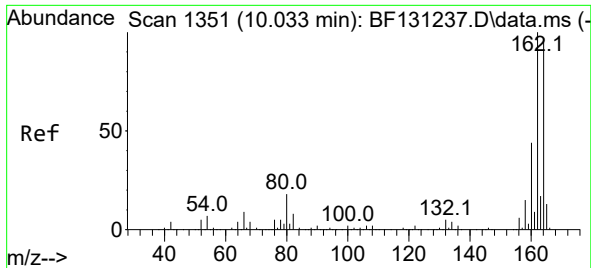
Tgt Ion: 82 Resp: 554150
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 6.180 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.241 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 438.5 116.9 156.9#
77 994.9 86.9 126.9#

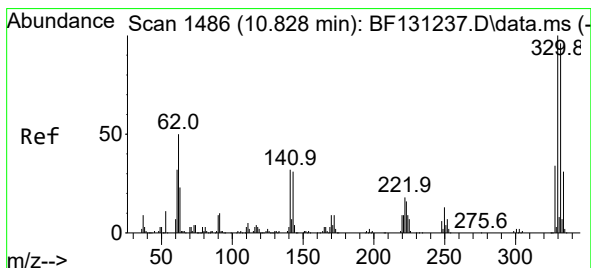
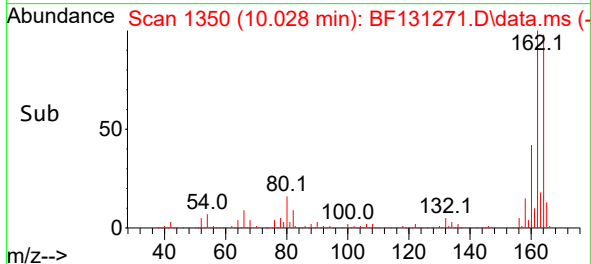
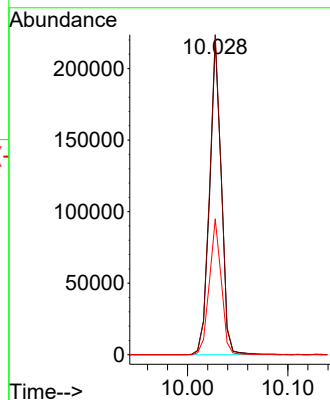
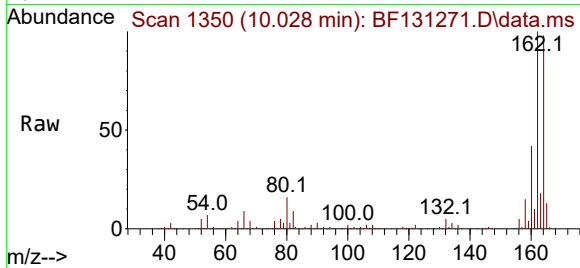




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

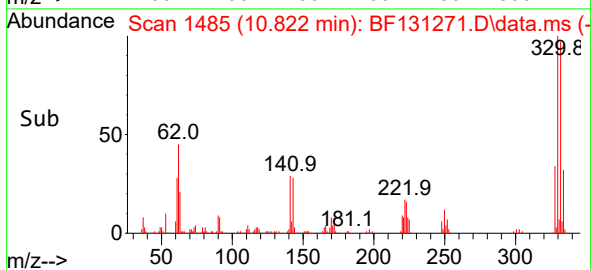
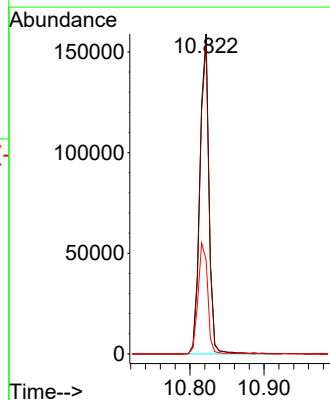
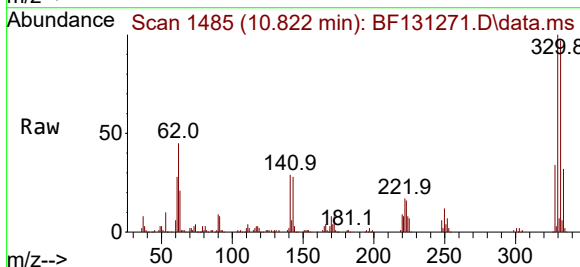
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ClientSampleId :
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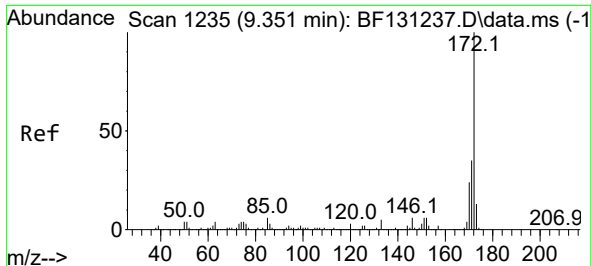
Tgt Ion:164 Resp: 179147
Ion Ratio Lower Upper
164 100
162 101.6 82.1 123.1
160 43.1 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 79.120 ng
RT: 10.822 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

Tgt Ion:330 Resp: 135392
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 36.6 29.6 44.4

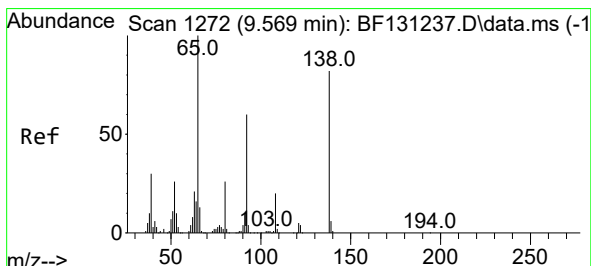
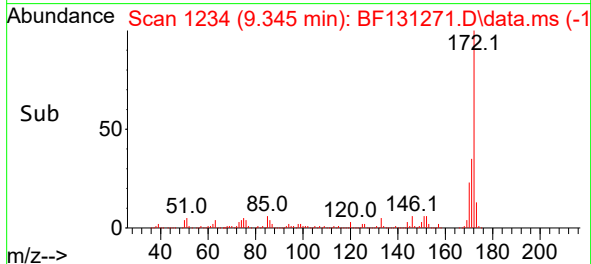
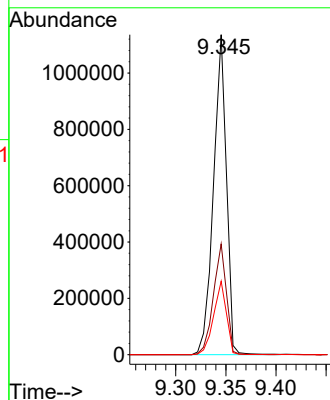
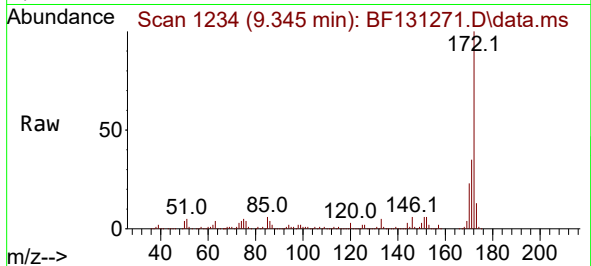




#45
2-Fluorobiphenyl
Concen: 83.449 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

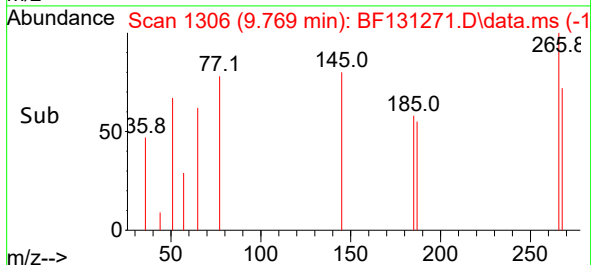
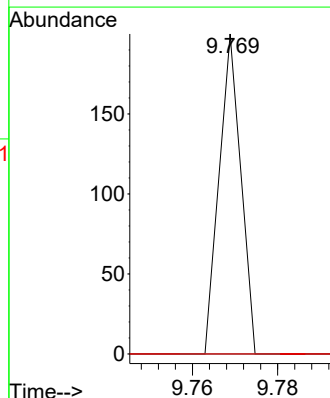
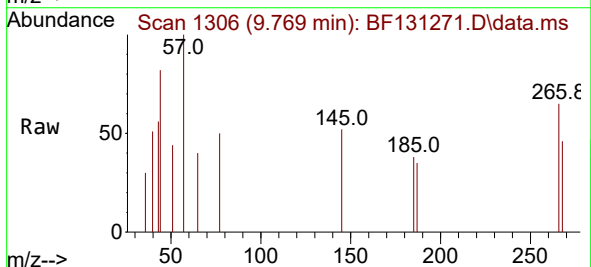
Instrument :
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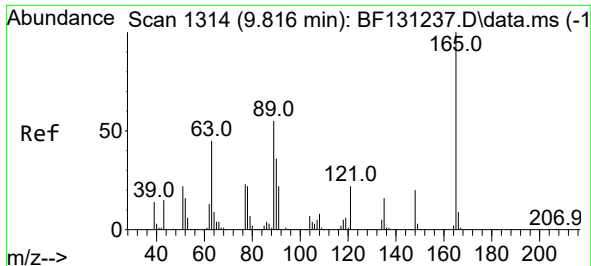
Tgt Ion:172 Resp: 1021559
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.0 18.8 28.2



#48
2-Nitroaniline
Concen: 4.076 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.200 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

Tgt Ion: 65 Resp: 71
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: 11.592 ng

RT: 10.028 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF131271.D

Acq: 16 Nov 2022 18:19

Instrument :

BNA_F

ClientSampleId :

MW-06

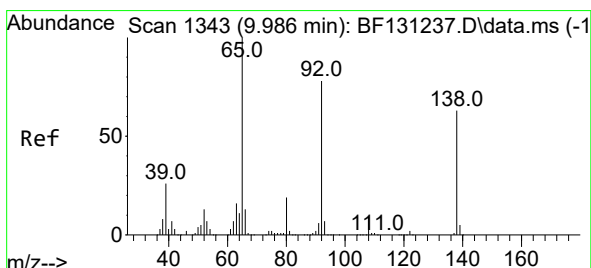
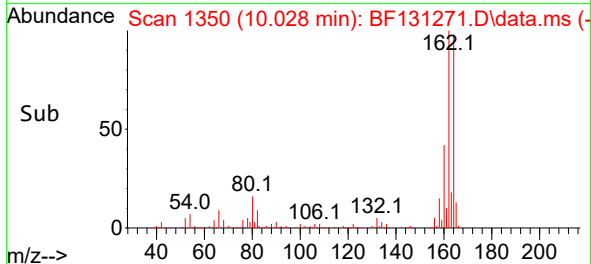
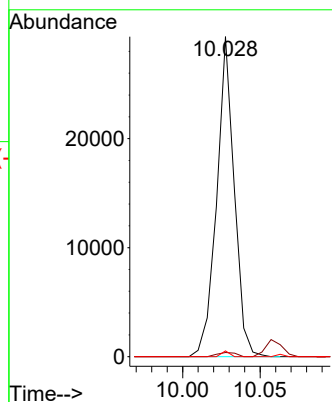
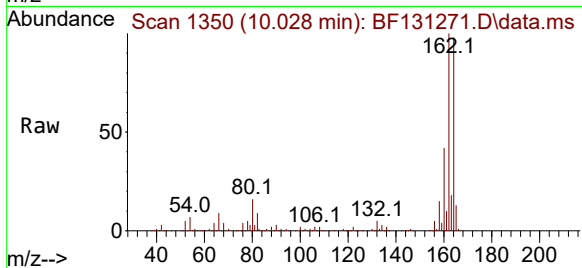
Tgt Ion:165 Resp: 23126

Ion Ratio Lower Upper

165 100

63 1.3 49.8 74.6#

89 1.8 44.5 66.7#



#53

3-Nitroaniline

Concen: 2.752 ng

RT: 10.228 min Scan# 1384

Delta R.T. 0.242 min

Lab File: BF131271.D

Acq: 16 Nov 2022 18:19

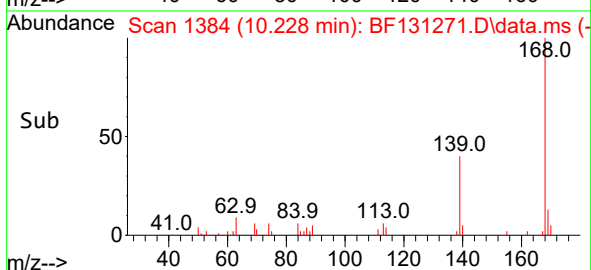
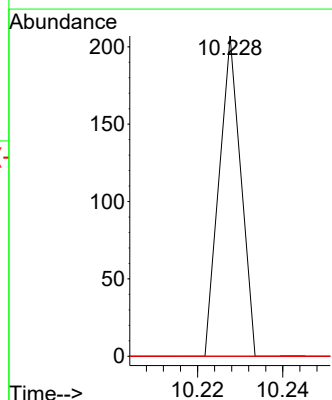
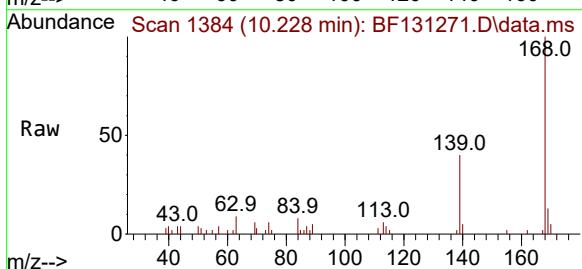
Tgt Ion:138 Resp: 73

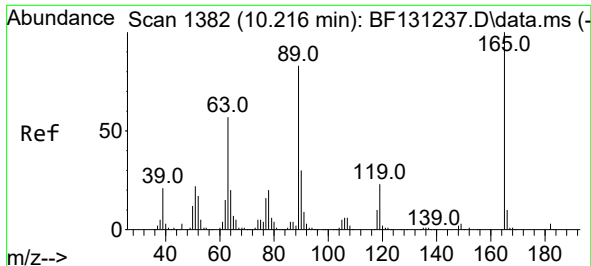
Ion Ratio Lower Upper

138 100

108 0.0 11.4 17.2#

92 0.0 98.6 148.0#

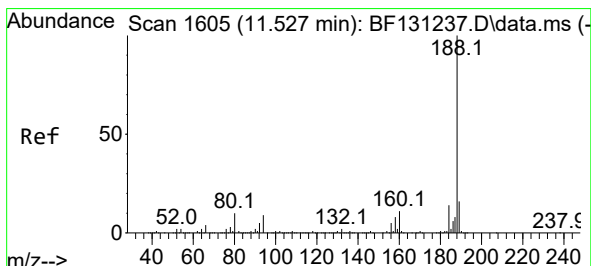
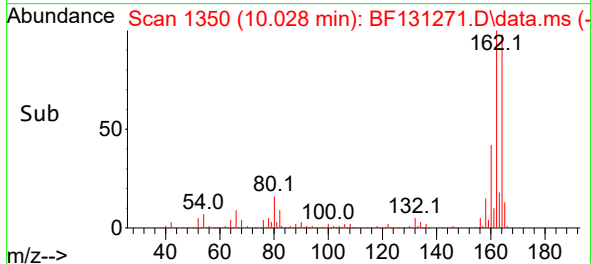
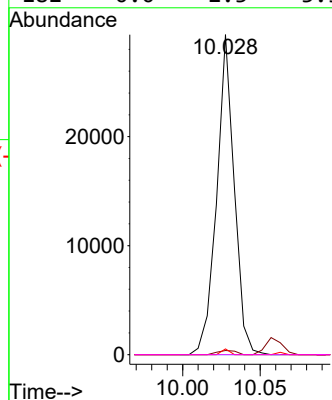
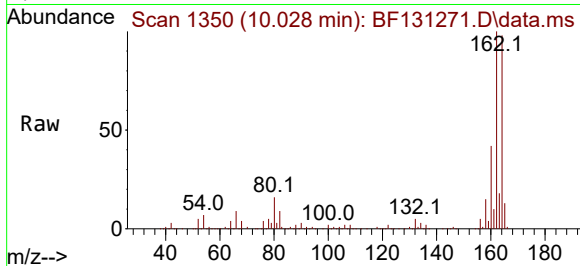




#57
2,4-Dinitrotoluene
Concen: 10.987 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.188 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

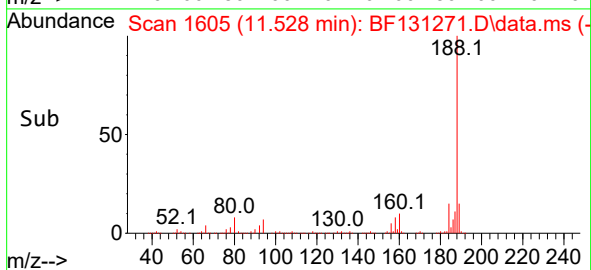
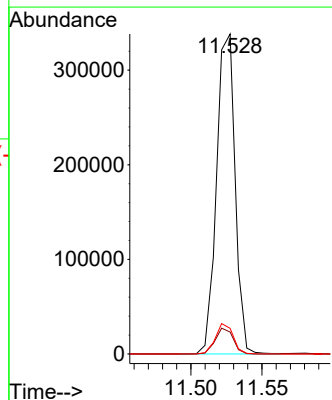
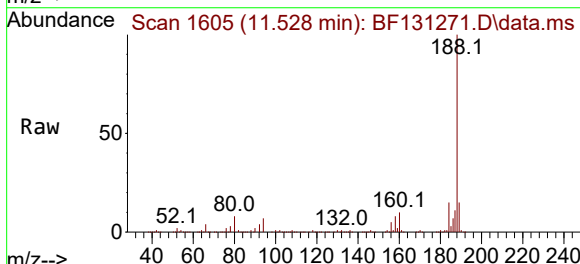
Instrument :
BNA_F
ClientSampleId :
MW-06

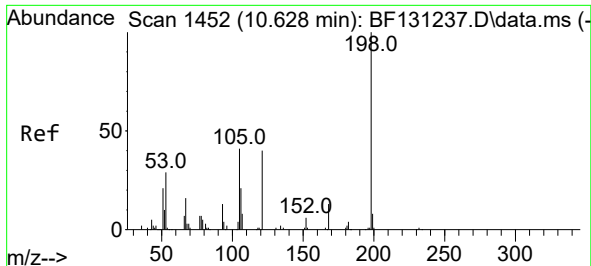
Tgt Ion:165 Resp: 23126
Ion Ratio Lower Upper
165 100
63 1.3 46.0 69.0#
89 1.8 66.2 99.4#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

Tgt Ion:188 Resp: 307330
Ion Ratio Lower Upper
188 100
94 6.9 6.8 10.2
80 8.0 8.0 12.0

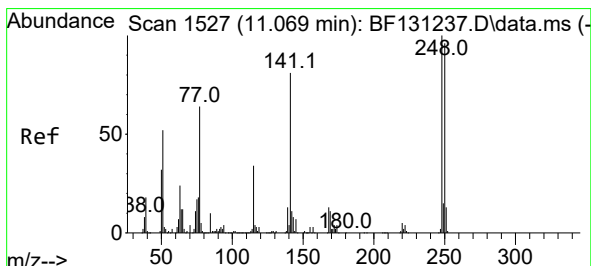
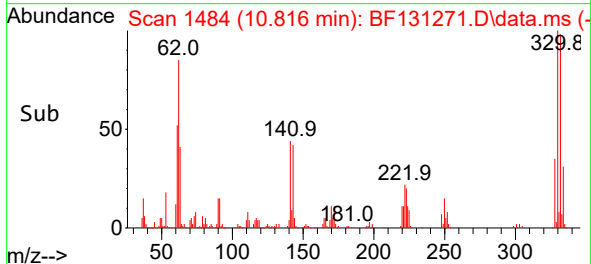
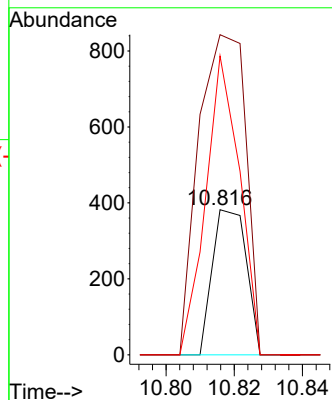
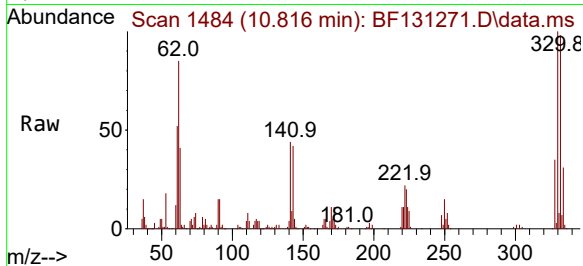




#65
4,6-Dinitro-2-methylphenol
Concen: 8.176 ng
RT: 10.816 min Scan# 1452
Delta R.T. 0.188 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

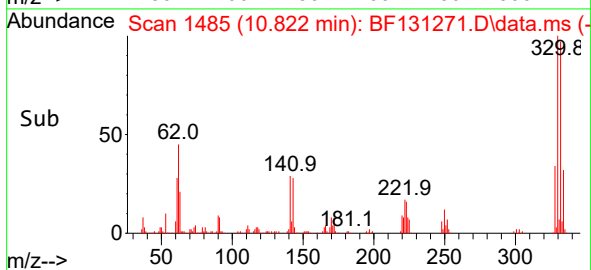
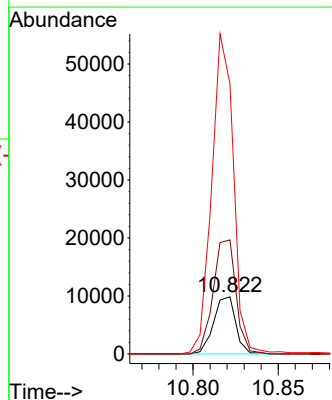
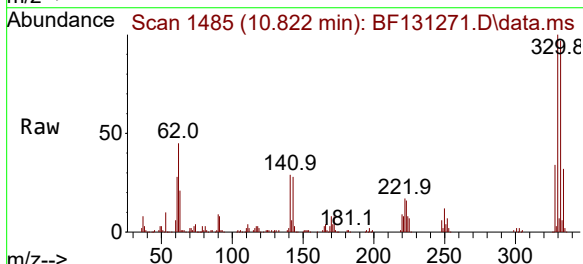
Instrument :
BNA_F
ClientSampleId :
MW-06

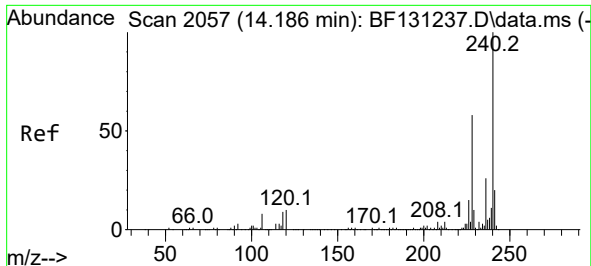
Tgt Ion:198 Resp: 264
Ion Ratio Lower Upper
198 100
51 220.7 29.4 69.4#
105 206.0 22.2 62.2#



#67
4-Bromophenyl-phenylether
Concen: 2.475 ng
RT: 10.822 min Scan# 1485
Delta R.T. -0.247 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

Tgt Ion:248 Resp: 8931
Ion Ratio Lower Upper
248 100
250 199.6 76.6 114.8#
141 472.3 64.7 97.1#

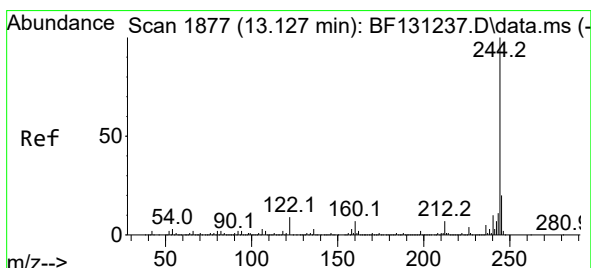
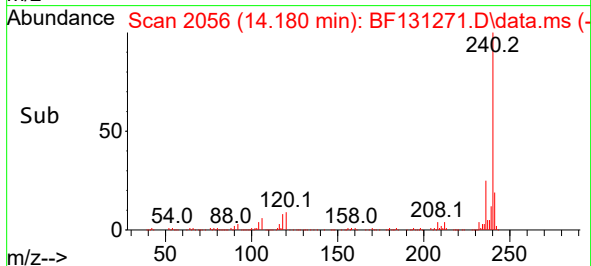
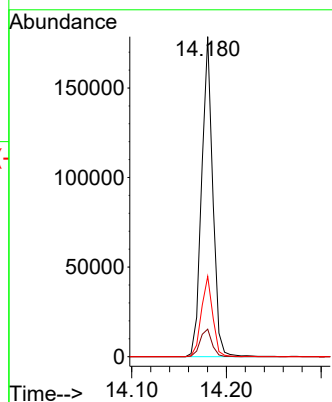
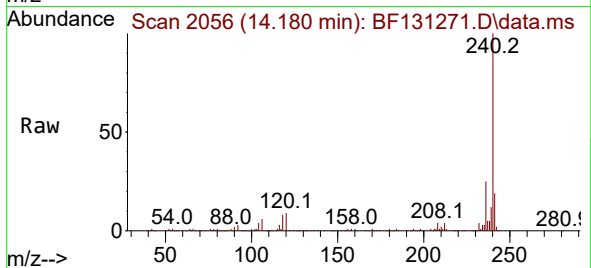




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

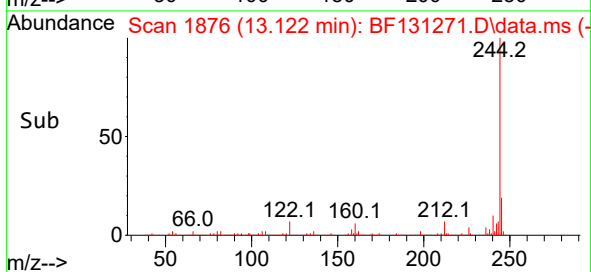
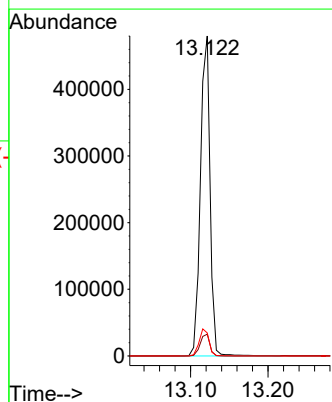
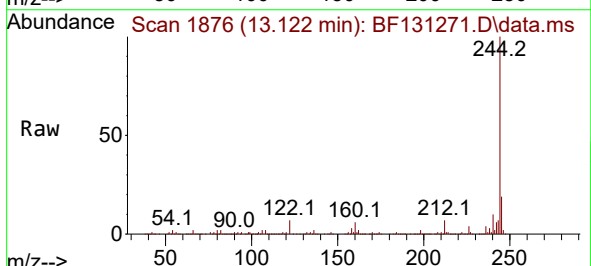
Instrument :
BNA_F
ClientSampleId :
MW-06

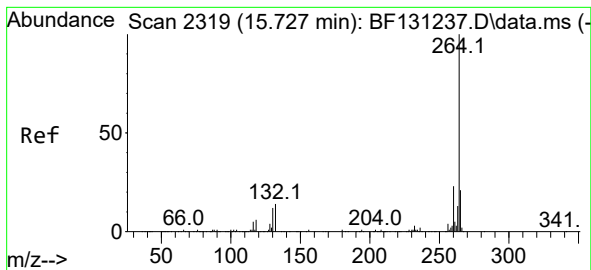
Tgt Ion:240 Resp: 146532
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 25.1 20.6 31.0



#79
Terphenyl-d14
Concen: 48.464 ng
RT: 13.122 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

Tgt Ion:244 Resp: 413536
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 7.2 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: BF131271.D
 Acq: 16 Nov 2022 18:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion:264 Resp: 179691
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 20.9 16.6 24.8

