

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131262.D
 Acq On : 16 Nov 2022 13:28
 Operator : CG\JU
 Sample : N5564-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(OW)

Quant Time: Nov 16 22:14:05 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)

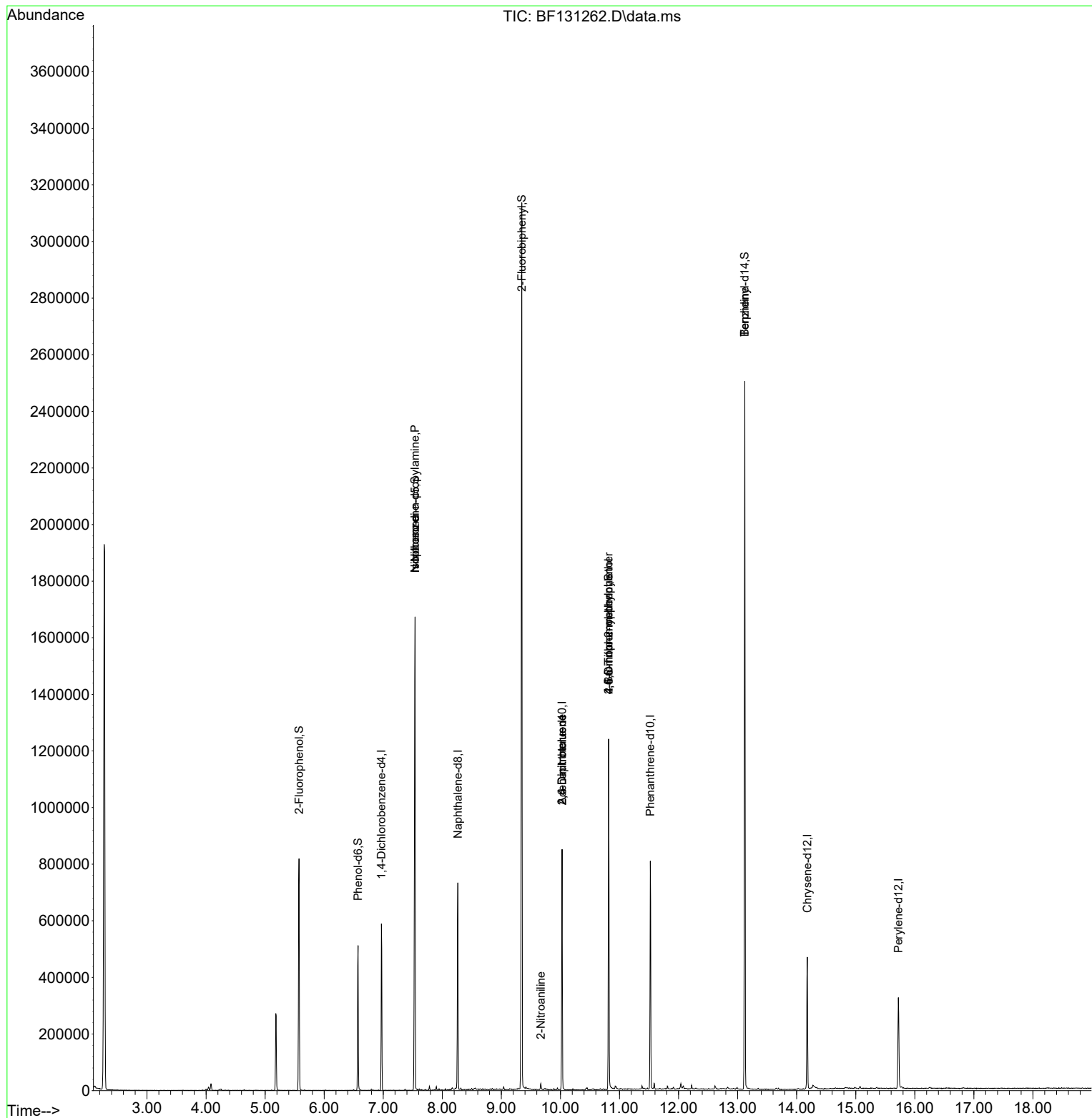
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	80742	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	288622	20.000	ng	0.00
39) Acenaphthene-d10	10.027	164	160132	20.000	ng	0.00
64) Phenanthrene-d10	11.521	188	288120	20.000	ng	0.00
76) Chrysene-d12	14.180	240	157672	20.000	ng	# 0.00
86) Perylene-d12	15.721	264	154913	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	185855	40.760	ng	0.00
7) Phenol-d6	6.575	99	137898	23.877	ng	-0.02
23) Nitrobenzene-d5	7.539	82	530548	103.178	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	126034	82.397	ng	-0.01
45) 2-Fluorobiphenyl	9.345	172	954594	87.238	ng	0.00
79) Terphenyl-d14	13.121	244	801100	87.251	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.539	70	73428	18.246	ng	# 78
25) Isophorone	7.539	82	530098	51.603	ng	# 67
48) 2-Nitroaniline	9.669	65	364	4.162	ng	# 44
51) 2,6-Dinitrotoluene	10.027	165	19909	11.274	ng	# 23
57) 2,4-Dinitrotoluene	10.027	165	19909	10.738	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.816	198	294	8.206	ng	# 1
67) 4-Bromophenyl-phenylether	10.816	248	8739	2.583	ng	# 1
77) Benzidine	13.121	184	11334	3.354	ng	# 92

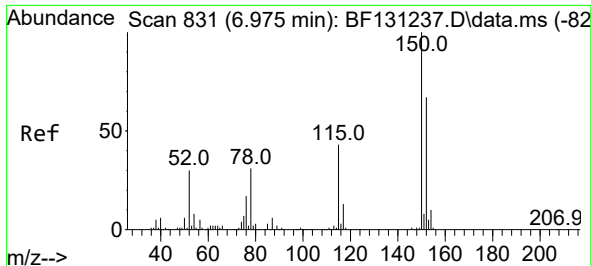
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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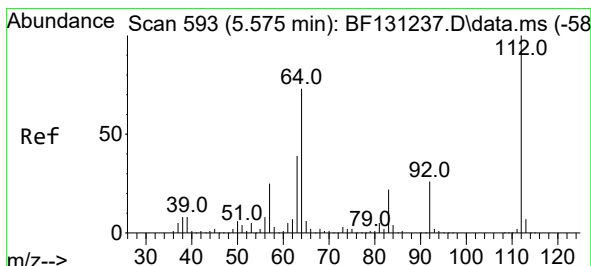
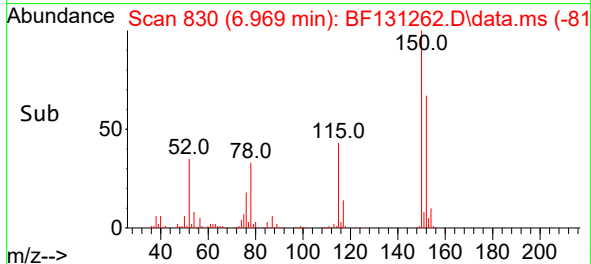
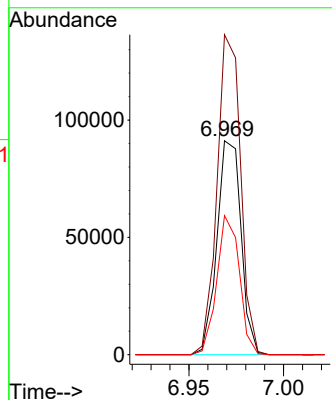
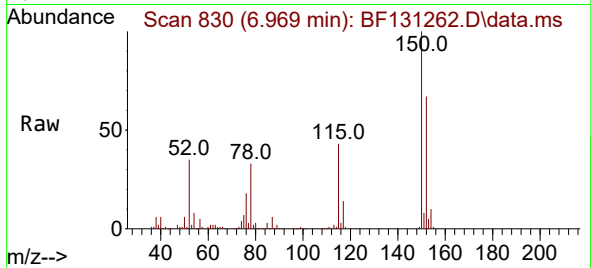




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131262.D
Acq: 16 Nov 2022 13:28

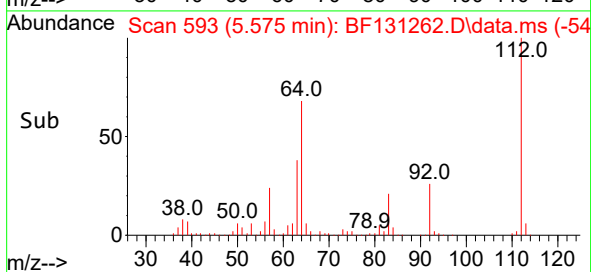
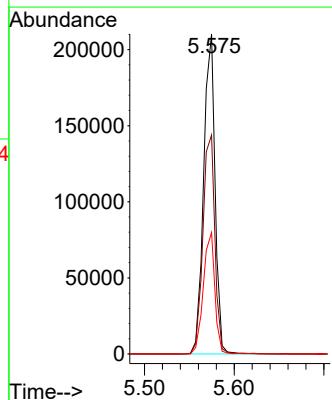
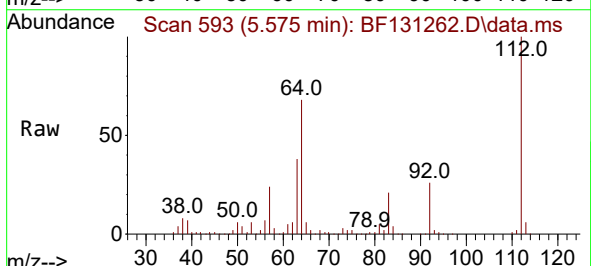
Instrument :
BNA_F
ClientSampleId :
B-1(OW)

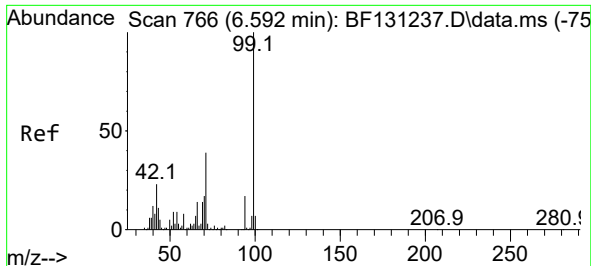
Tgt Ion:152 Resp: 80742
Ion Ratio Lower Upper
152 100
150 149.5 120.2 180.4
115 65.0 51.8 77.8



#5
2-Fluorophenol
Concen: 40.760 ng
RT: 5.575 min Scan# 593
Delta R.T. -0.000 min
Lab File: BF131262.D
Acq: 16 Nov 2022 13:28

Tgt Ion:112 Resp: 185855
Ion Ratio Lower Upper
112 100
64 68.4 58.4 87.6
63 38.0 31.6 47.4

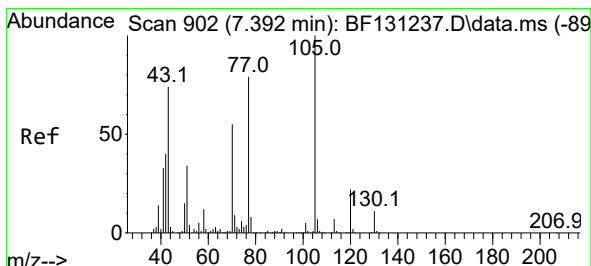
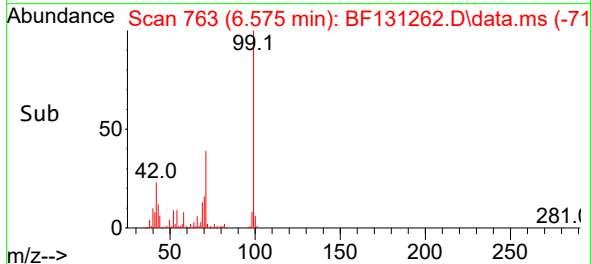
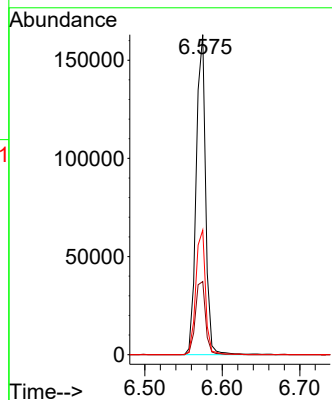
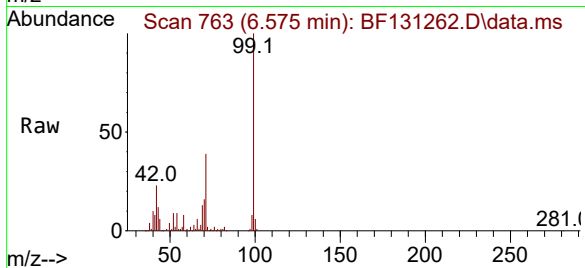




#7
Phenol-d6
Concen: 23.877 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.017 min
Lab File: BF131262.D
Acq: 16 Nov 2022 13:28

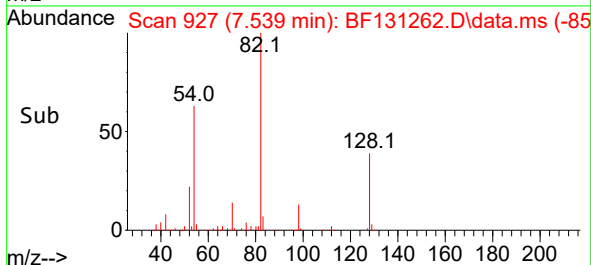
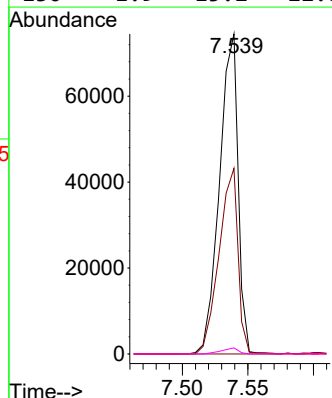
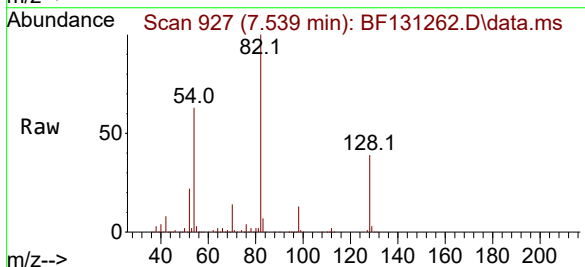
Instrument :
BNA_F
ClientSampleId :
B-1(OW)

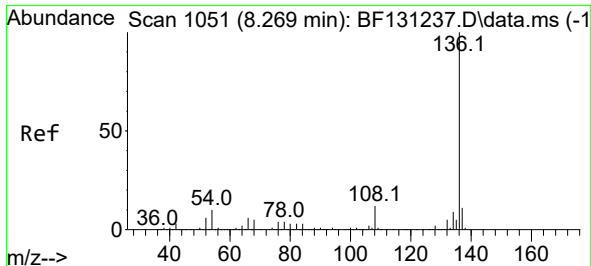
Tgt Ion: 99 Resp: 137898
Ion Ratio Lower Upper
99 100
42 22.9 18.6 28.0
71 38.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.246 ng
RT: 7.539 min Scan# 927
Delta R.T. 0.147 min
Lab File: BF131262.D
Acq: 16 Nov 2022 13:28

Tgt Ion: 70 Resp: 73428
Ion Ratio Lower Upper
70 100
42 58.0 58.3 87.5#
101 0.0 7.2 10.8#
130 1.9 15.2 22.8#

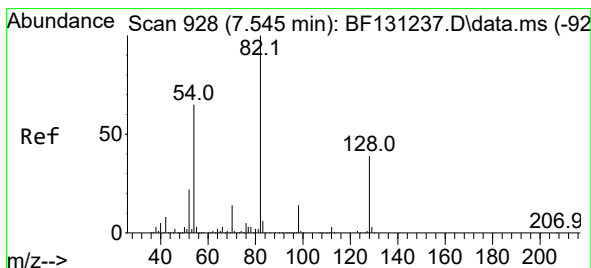
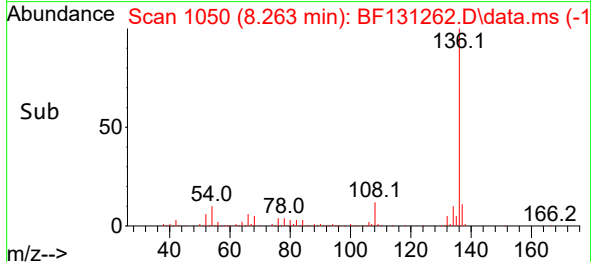
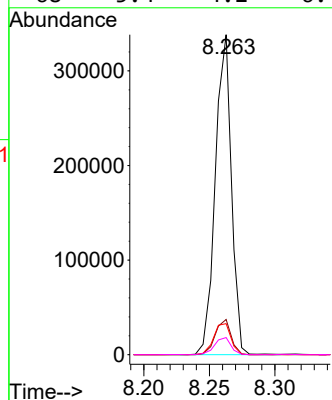
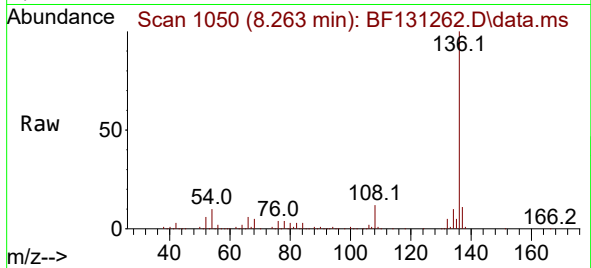




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131262.D
Acq: 16 Nov 2022 13:28

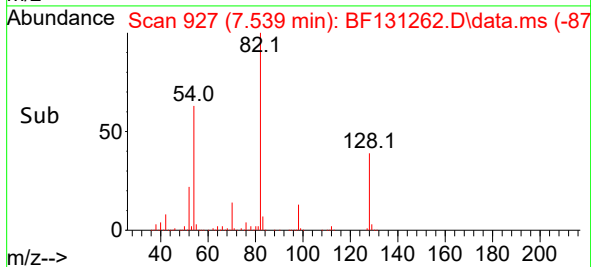
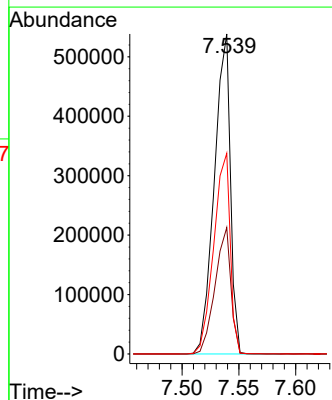
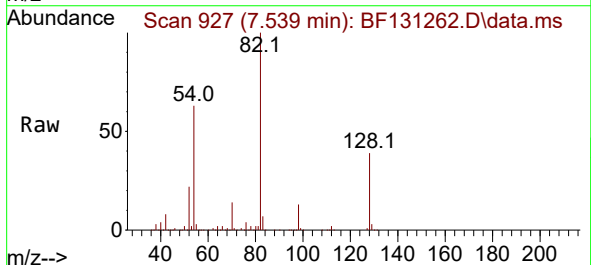
Instrument :
BNA_F
ClientSampleId :
B-1(OW)

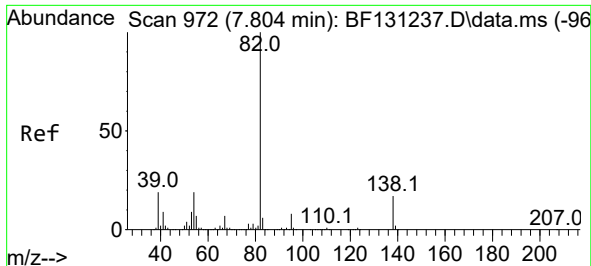
Tgt Ion:136 Resp: 288622
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.7 7.8 11.8
68 5.4 4.2 6.4



#23
Nitrobenzene-d5
Concen: 103.178 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF131262.D
Acq: 16 Nov 2022 13:28

Tgt Ion: 82 Resp: 530548
Ion Ratio Lower Upper
82 100
128 39.5 31.1 46.7
54 62.7 51.8 77.6

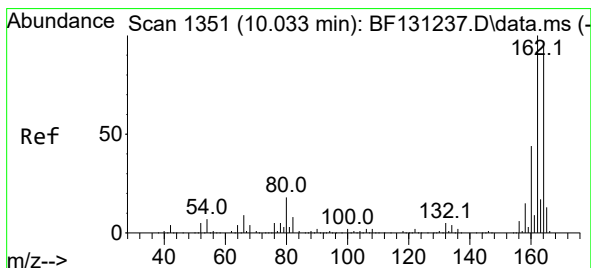
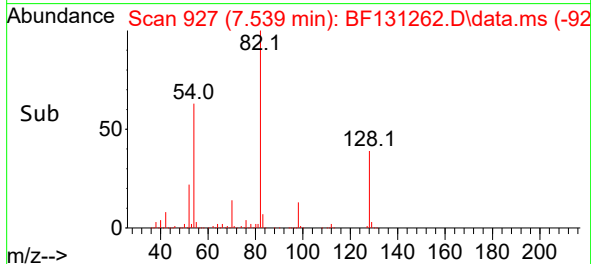
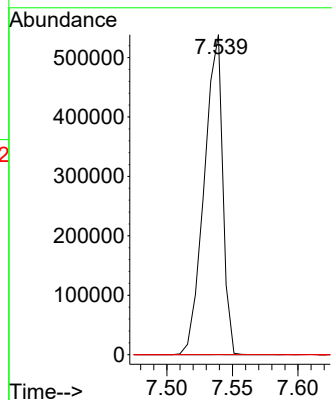
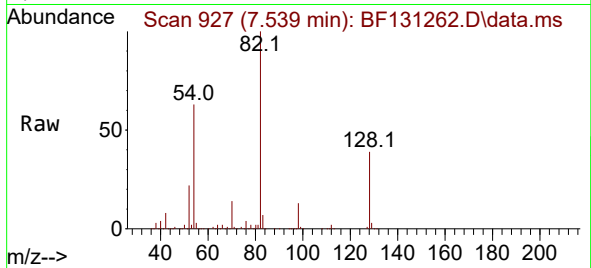




#25
Isophorone
Concen: 51.603 ng
RT: 7.539 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131262.D
Acq: 16 Nov 2022 13:28

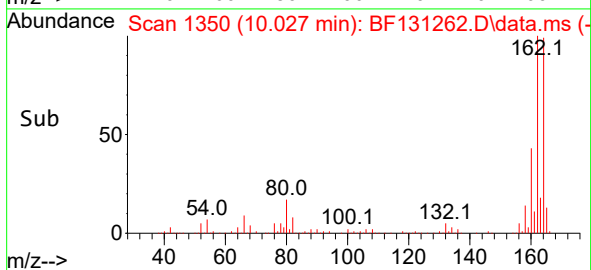
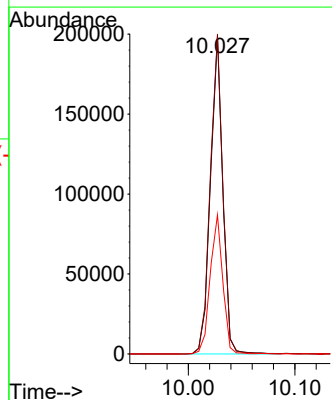
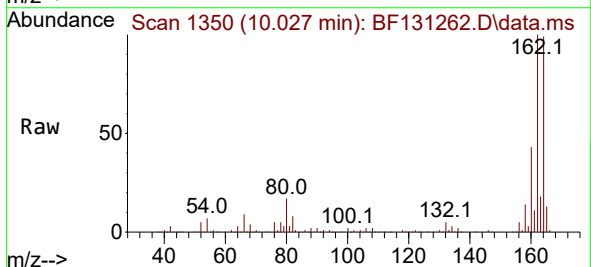
Instrument :
BNA_F
ClientSampleId :
B-1(OW)

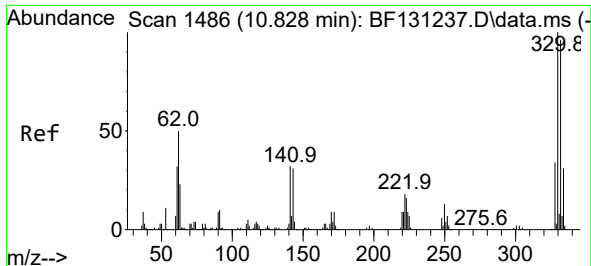
Tgt Ion: 82 Resp: 530098
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF131262.D
Acq: 16 Nov 2022 13:28

Tgt Ion:164 Resp: 160132
Ion Ratio Lower Upper
164 100
162 100.6 82.1 123.1
160 43.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 82.397 ng

RT: 10.816 min Scan# 1484

Delta R.T. -0.012 min

Lab File: BF131262.D

Acq: 16 Nov 2022 13:28

Instrument :

BNA_F

ClientSampleId :

B-1(OW)

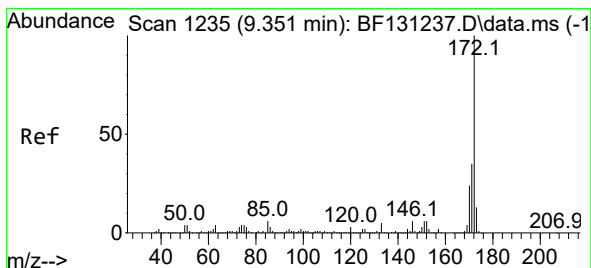
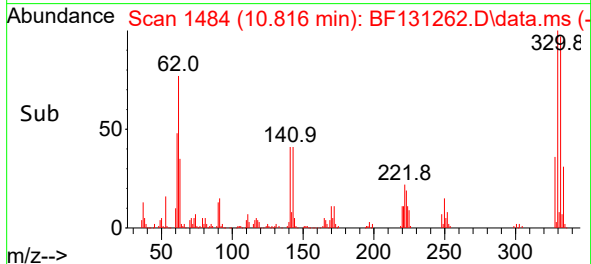
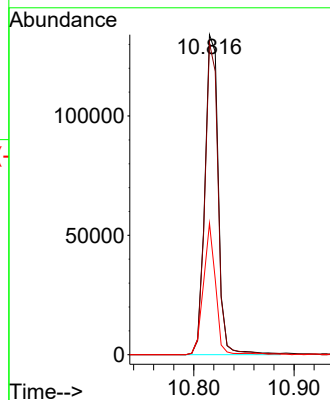
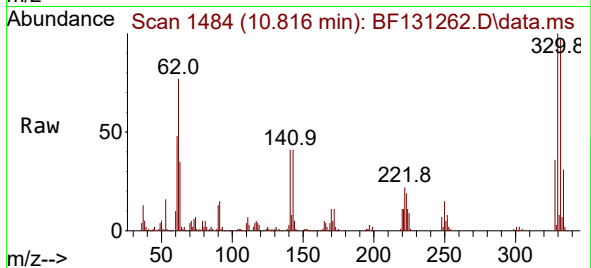
Tgt Ion:330 Resp: 126034

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

141 36.4 29.6 44.4



#45

2-Fluorobiphenyl

Concen: 87.238 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF131262.D

Acq: 16 Nov 2022 13:28

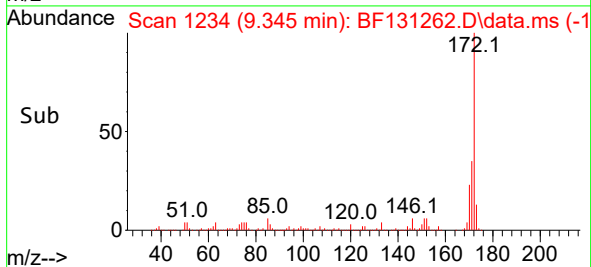
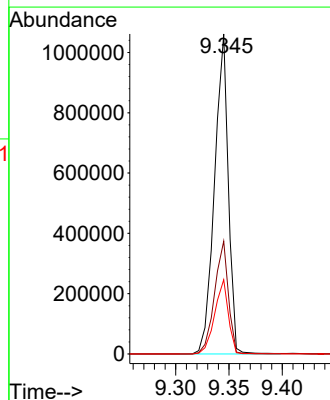
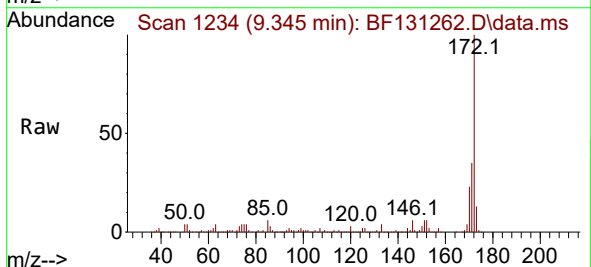
Tgt Ion:172 Resp: 954594

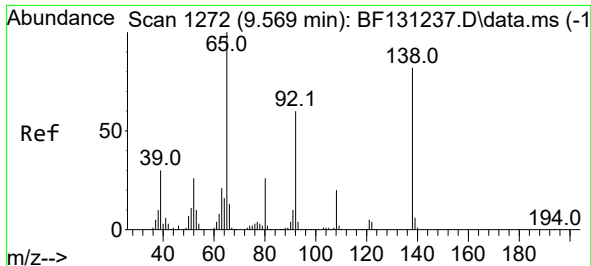
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.2 18.8 28.2

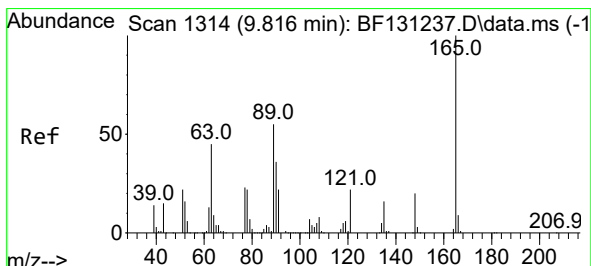
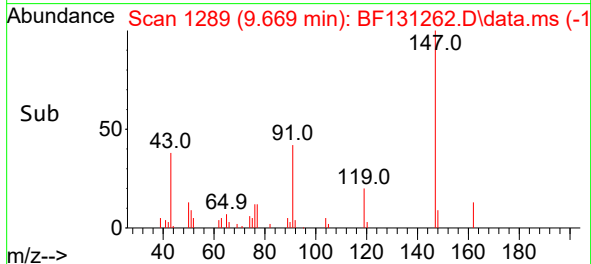
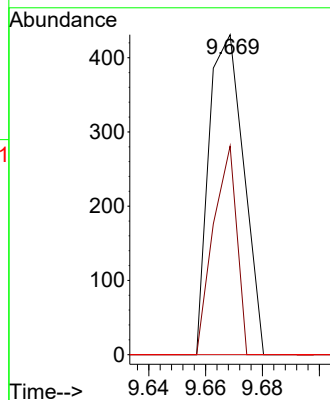
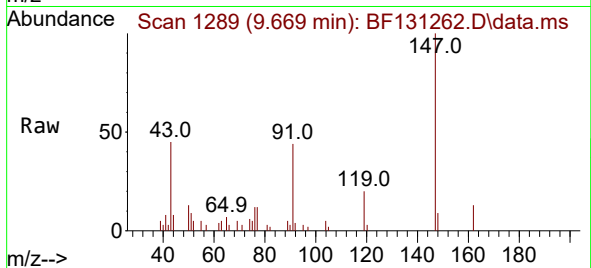




#48
2-Nitroaniline
Concen: 4.162 ng
RT: 9.669 min Scan# 11
Delta R.T. 0.100 min
Lab File: BF131262.D
Acq: 16 Nov 2022 13:28

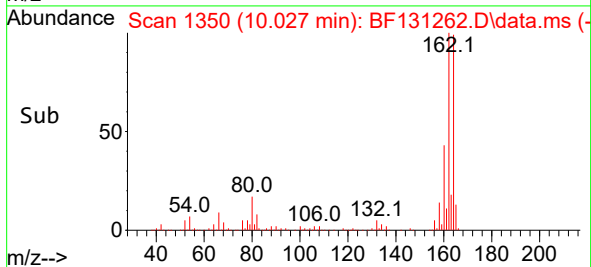
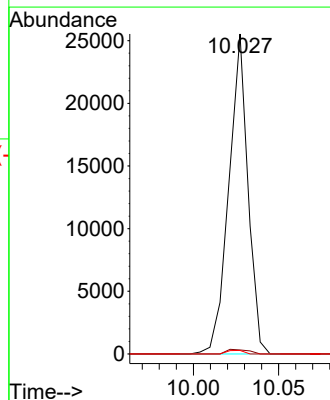
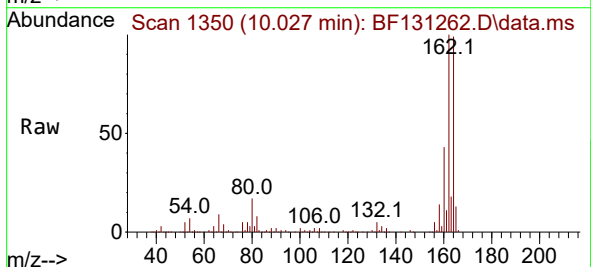
Instrument :
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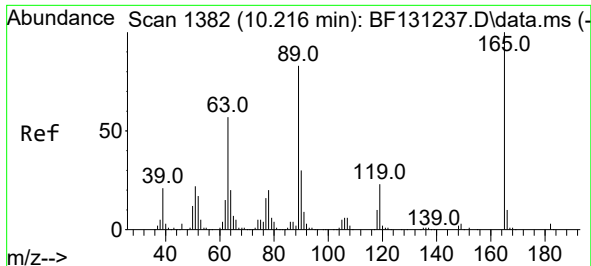
Tgt Ion: 65 Resp: 364
Ion Ratio Lower Upper
65 100
92 65.2 48.2 72.2
138 0.0 65.8 98.8#



#51
2,6-Dinitrotoluene
Concen: 11.274 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.211 min
Lab File: BF131262.D
Acq: 16 Nov 2022 13:28

Tgt Ion: 165 Resp: 19909
Ion Ratio Lower Upper
165 100
63 1.3 49.8 74.6#
89 1.1 44.5 66.7#

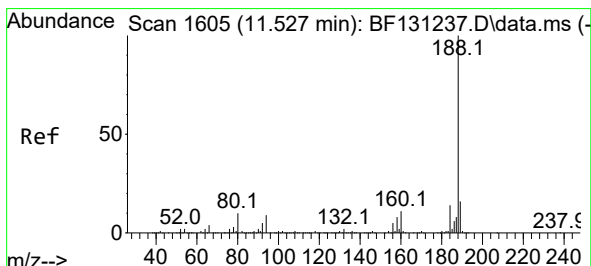
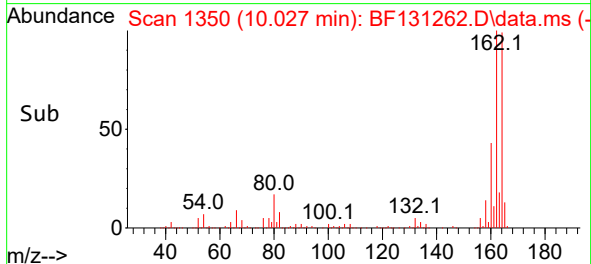
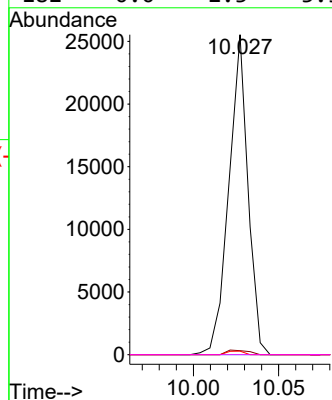
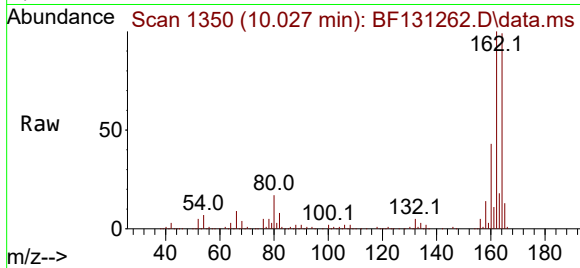




#57
2,4-Dinitrotoluene
Concen: 10.738 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF131262.D
Acq: 16 Nov 2022 13:28

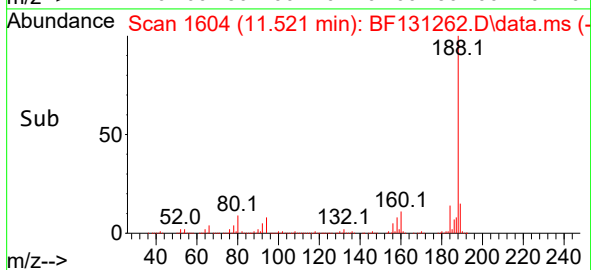
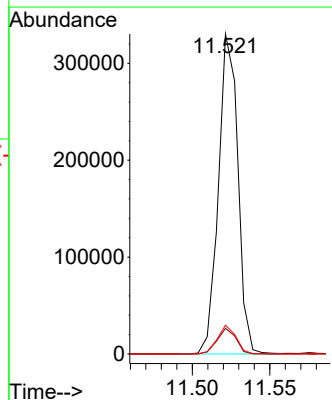
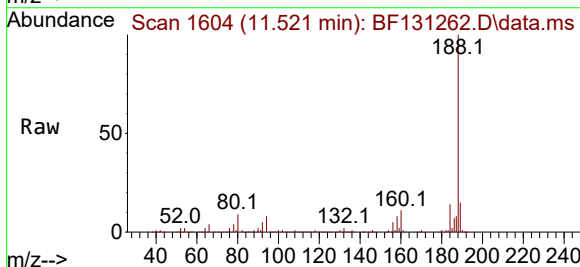
Instrument :
BNA_F
ClientSampleId :
B-1(OW)

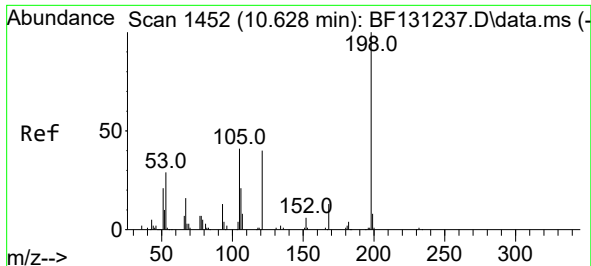
Tgt Ion:165 Resp: 19909
Ion Ratio Lower Upper
165 100
63 1.3 46.0 69.0#
89 1.1 66.2 99.4#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.521 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BF131262.D
Acq: 16 Nov 2022 13:28

Tgt Ion:188 Resp: 288120
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 9.0 8.0 12.0

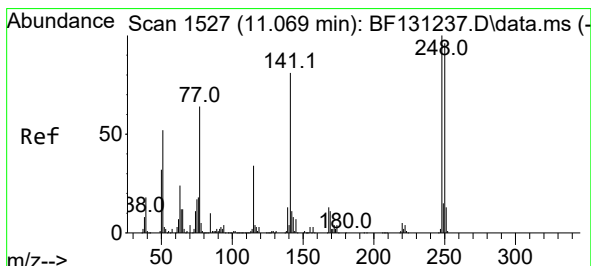
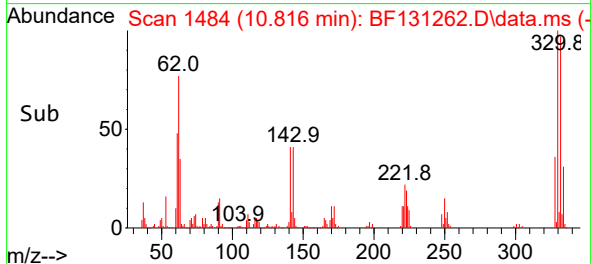
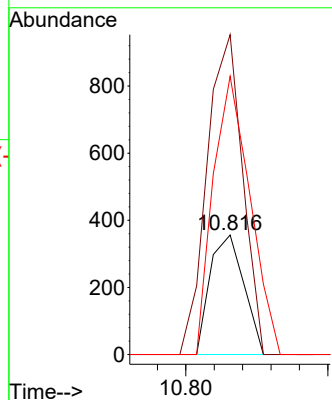
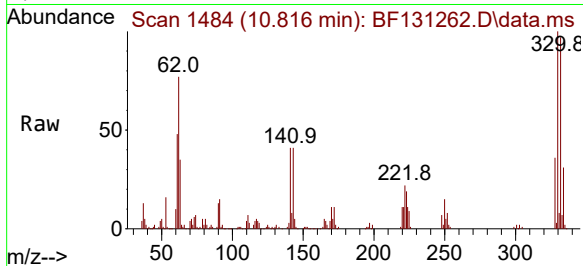




#65
4,6-Dinitro-2-methylphenol
Concen: 8.206 ng
RT: 10.816 min Scan# 1452
Delta R.T. 0.188 min
Lab File: BF131262.D
Acq: 16 Nov 2022 13:28

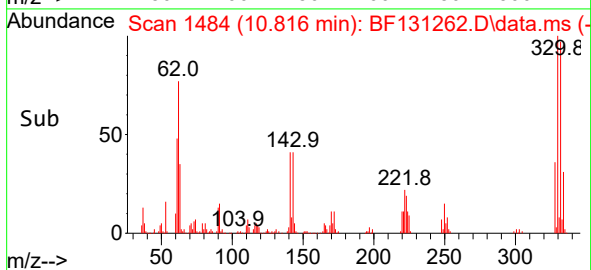
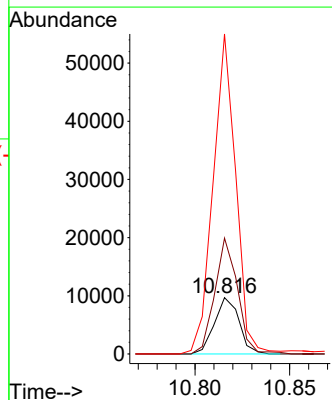
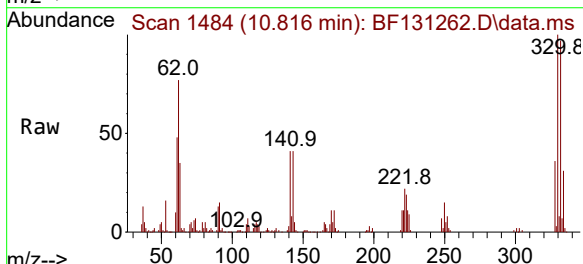
Instrument :
BNA_F
ClientSampleId :
B-1(OW)

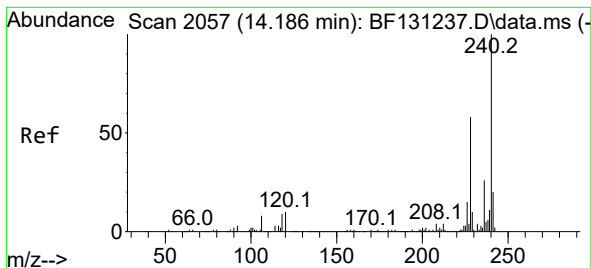
Tgt Ion:198 Resp: 294
Ion Ratio Lower Upper
198 100
51 267.7 29.4 69.4#
105 232.9 22.2 62.2#



#67
4-Bromophenyl-phenylether
Concen: 2.583 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.253 min
Lab File: BF131262.D
Acq: 16 Nov 2022 13:28

Tgt Ion:248 Resp: 8739
Ion Ratio Lower Upper
248 100
250 205.3 76.6 114.8#
141 567.5 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: BF131262.D

Acq: 16 Nov 2022 13:28

Instrument :

BNA_F

ClientSampleId :

B-1(OW)

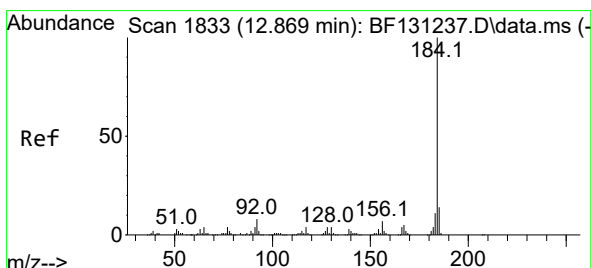
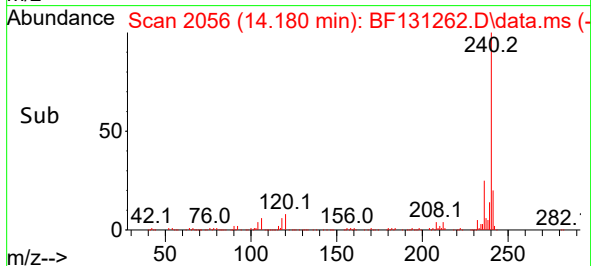
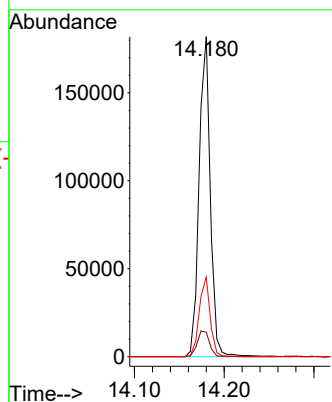
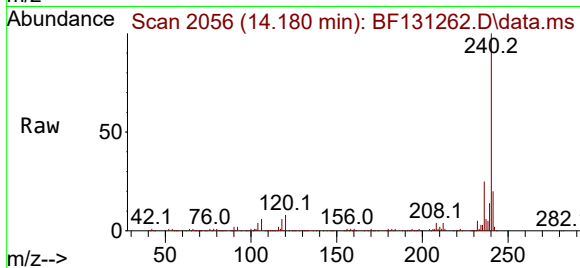
Tgt Ion:240 Resp: 157672

Ion Ratio Lower Upper

240 100

120 7.6 7.8 11.6#

236 24.9 20.6 31.0



#77

Benidine

Concen: 3.354 ng

RT: 13.121 min Scan# 1876

Delta R.T. 0.252 min

Lab File: BF131262.D

Acq: 16 Nov 2022 13:28

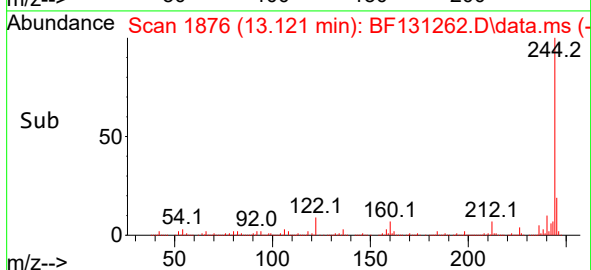
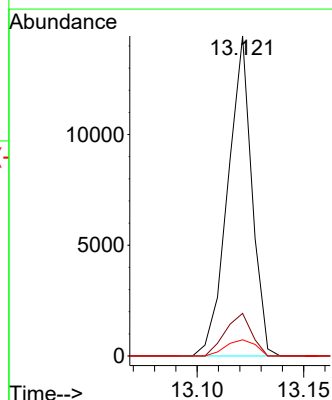
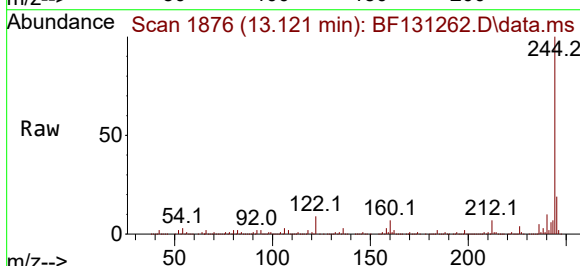
Tgt Ion:184 Resp: 11334

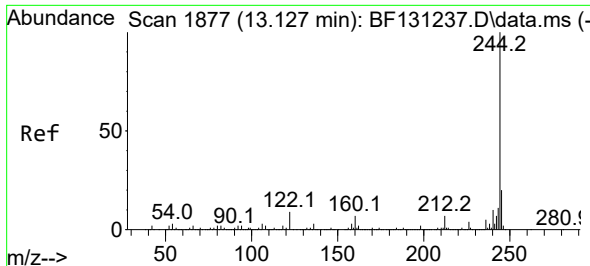
Ion Ratio Lower Upper

184 100

185 13.3 11.4 17.2

183 5.0 9.0 13.4#





#79

Terphenyl-d14

Concen: 87.251 ng

RT: 13.121 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131262.D

Acq: 16 Nov 2022 13:28

Instrument :

BNA_F

ClientSampleId :

B-1(OW)

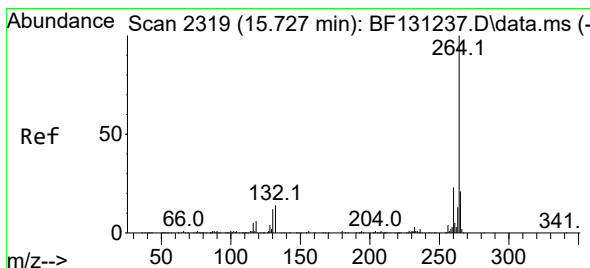
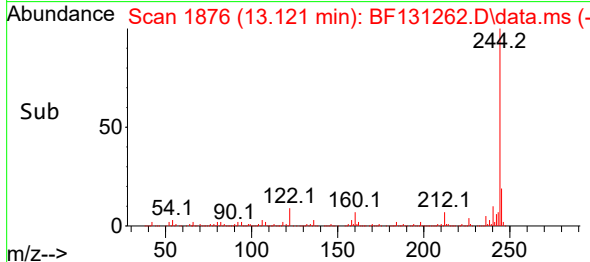
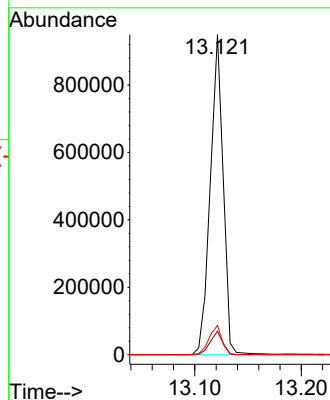
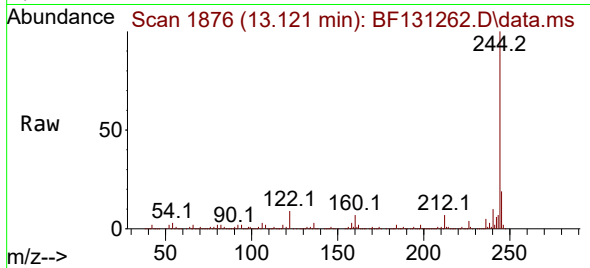
Tgt Ion:244 Resp: 801100

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.1 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.721 min Scan# 2318

Delta R.T. -0.006 min

Lab File: BF131262.D

Acq: 16 Nov 2022 13:28

Tgt Ion:264 Resp: 154913

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 20.7 16.6 24.8

