

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137736.D
 Acq On : 26 Apr 2024 15:47
 Operator : CG\JU
 Sample : P2218-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-131-GW-02

Quant Time: Apr 26 16:22:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

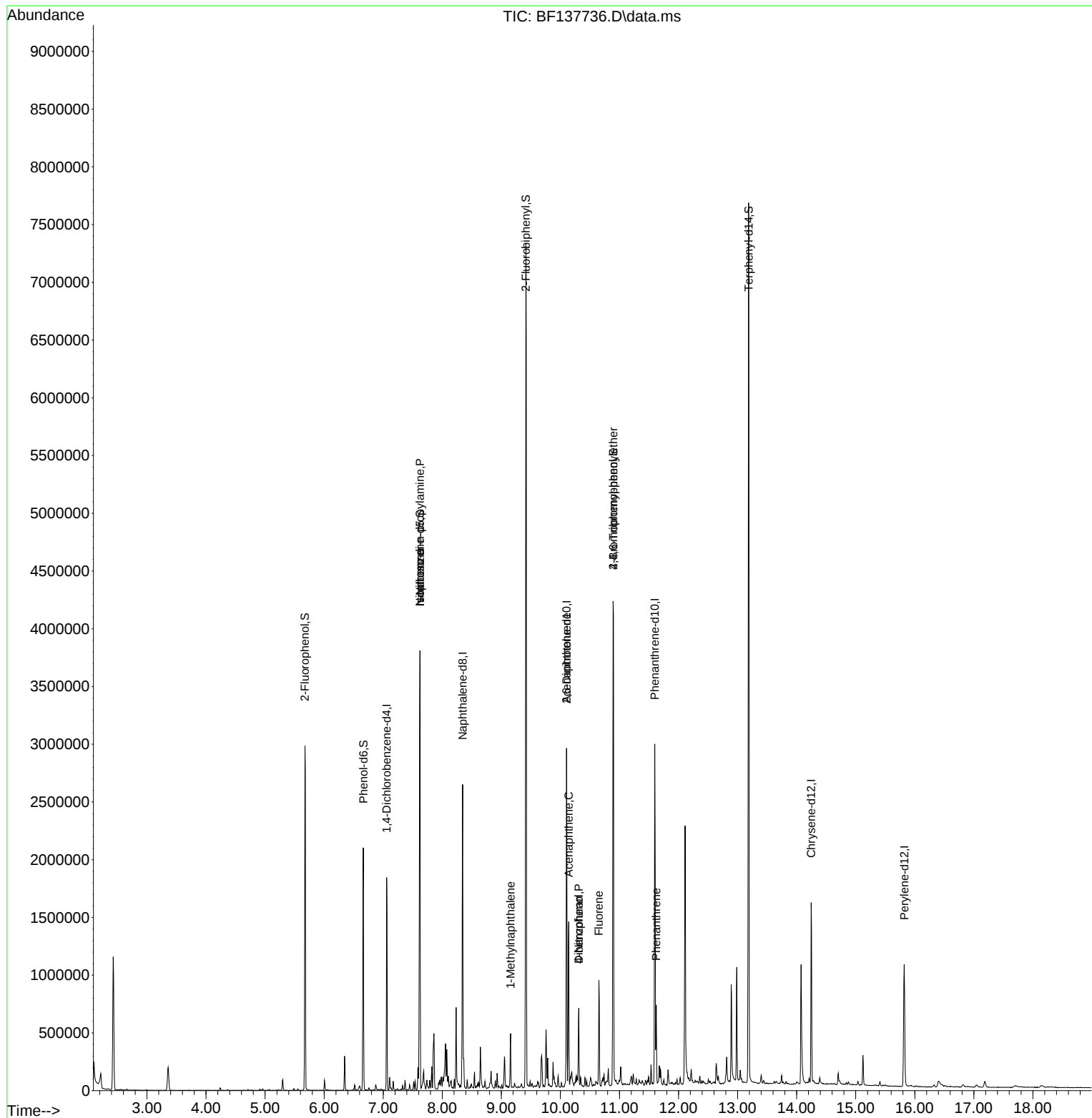
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	257405	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1024827	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	571802	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	976845	20.000	ng	0.00
76) Chrysene-d12	14.245	240	514641	20.000	ng	-0.01
86) Perylene-d12	15.821	264	512335	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	808323	47.702	ng	0.00
7) Phenol-d6	6.663	99	661592	30.745	ng	-0.01
23) Nitrobenzene-d5	7.622	82	1225224	63.463	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	557931	96.697	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2379773	62.187	ng	-0.01
79) Terphenyl-d14	13.186	244	2522448	78.891	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.622	70	162481	11.677	ng	# 77
25) Isophorone	7.622	82	1222157	34.085	ng	# 64
38) 1-Methylnaphthalene	9.157	142	115246	3.434	ng	98
51) 2,6-Dinitrotoluene	10.104	165	77329	9.213	ng	# 23
52) Acenaphthene	10.139	154	293215	9.056	ng	98
55) Dibenzofuran	10.310	168	241617	5.091	ng	97
56) 4-Nitrophenol	10.310	139	88191	12.022	ng	# 10
58) Fluorene	10.651	166	244004	6.579	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	35903	3.172	ng	# 1
71) Phenanthrene	11.622	178	208017	4.023	ng	97

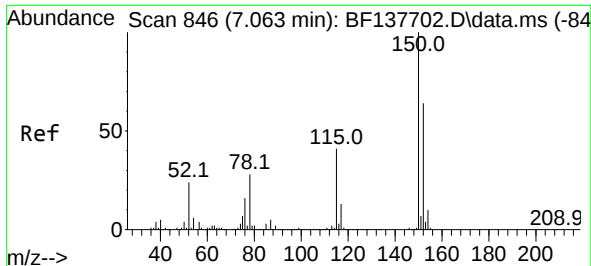
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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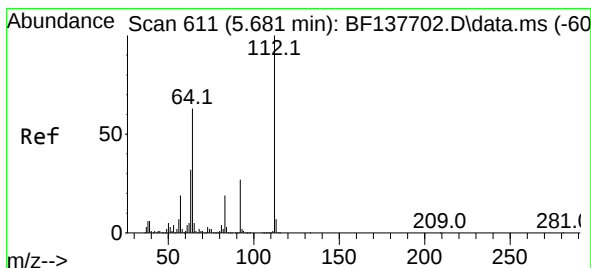
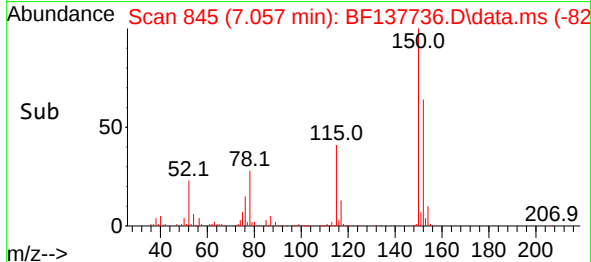
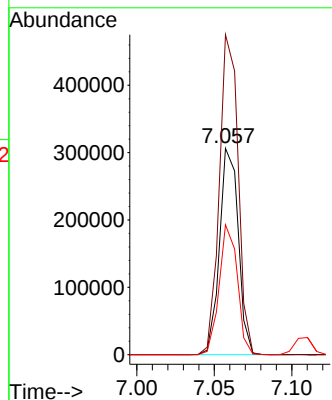
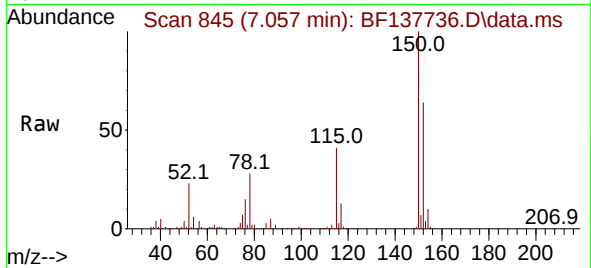




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

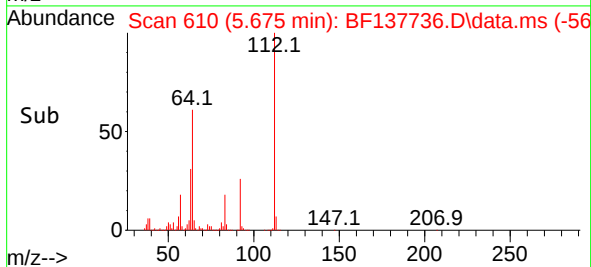
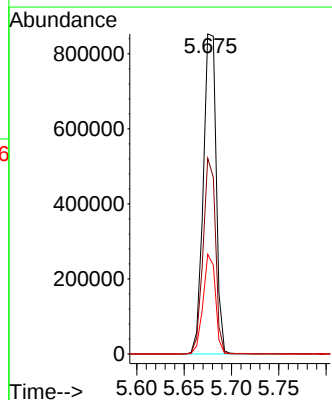
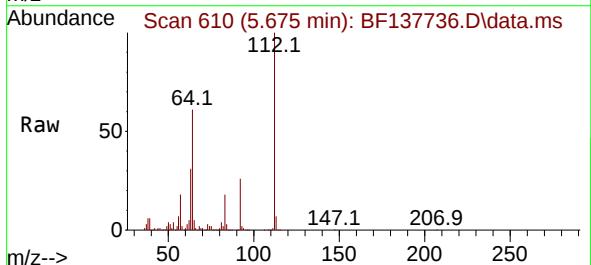
Instrument :
BNA_F
ClientSampleId :
B-131-GW-02

Tgt Ion:152 Resp: 257405
Ion Ratio Lower Upper
152 100
150 155.1 124.2 186.4
115 63.0 50.8 76.2



#5
2-Fluorophenol
Concen: 47.702 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.006 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

Tgt Ion:112 Resp: 808323
Ion Ratio Lower Upper
112 100
64 61.2 50.1 75.1
63 31.1 25.2 37.8

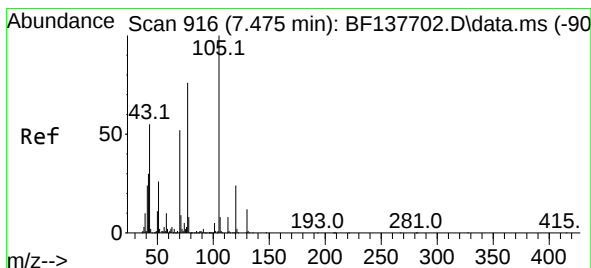
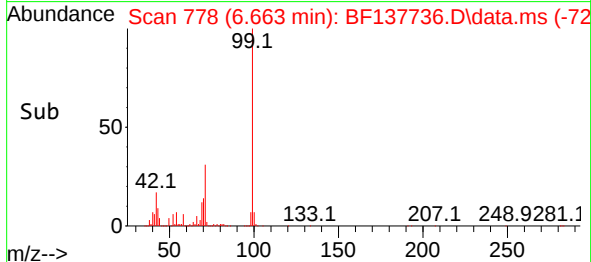
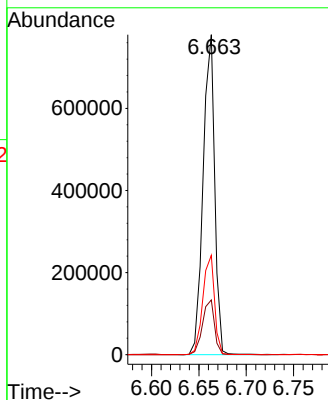
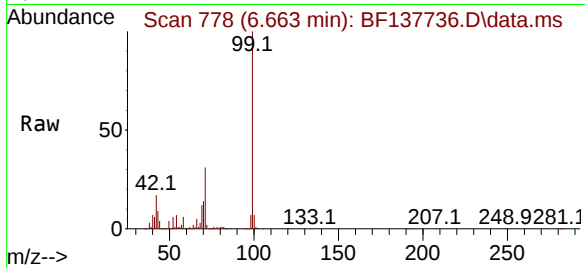




#7
Phenol-d6
Concen: 30.745 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

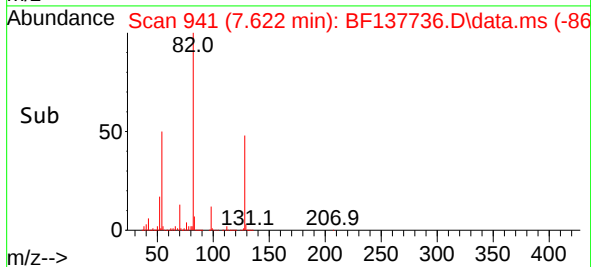
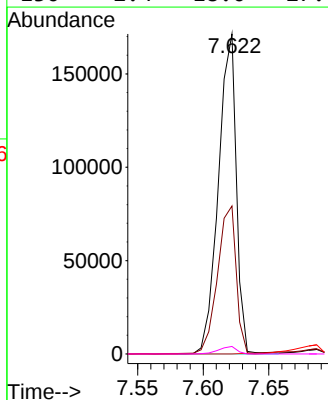
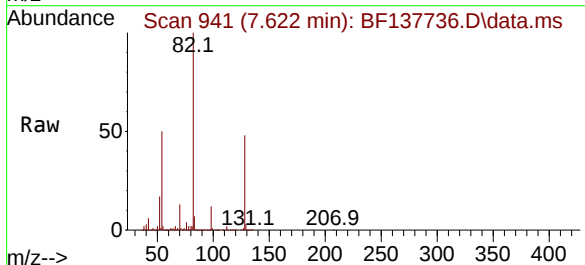
Instrument :
BNA_F
ClientSampleId :
B-131-GW-02

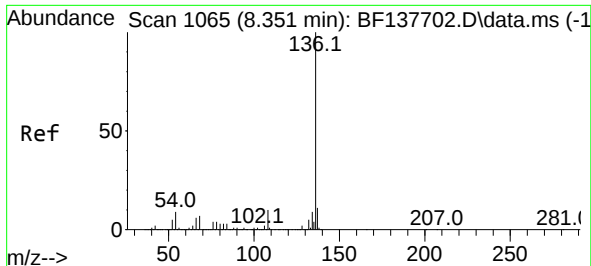
Tgt Ion: 99 Resp: 661592
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.4
71 31.0 25.7 38.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.677 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

Tgt Ion: 70 Resp: 162481
Ion Ratio Lower Upper
70 100
42 46.2 45.9 68.9
101 0.0 8.0 12.0#
130 2.4 18.0 27.0#



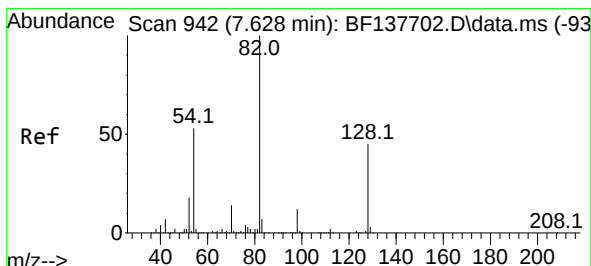
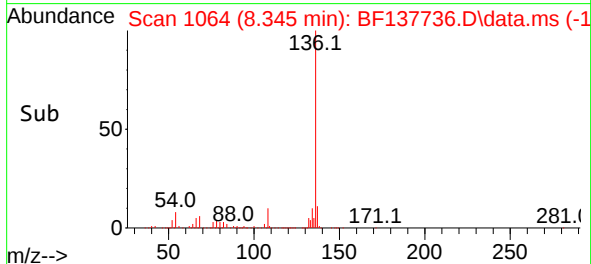
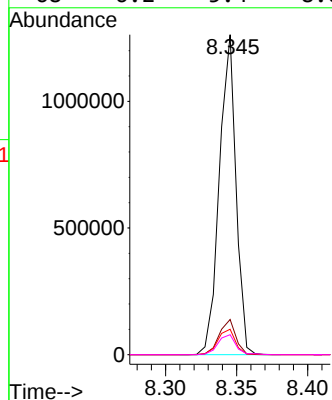
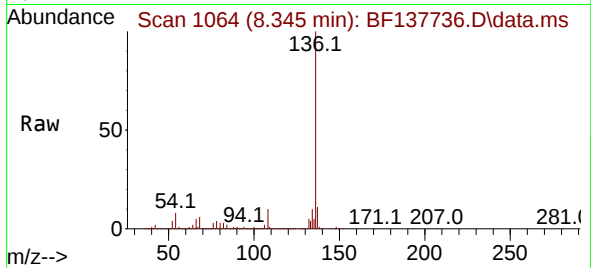


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

Instrument :
BNA_F
ClientSampleId :
B-131-GW-02

Tgt Ion:136 Resp: 1024827

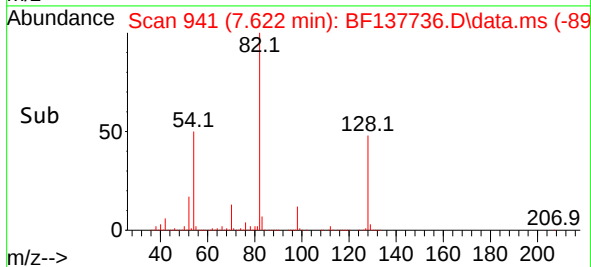
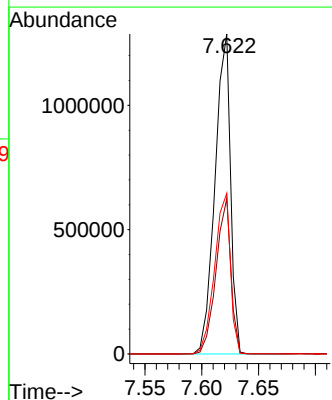
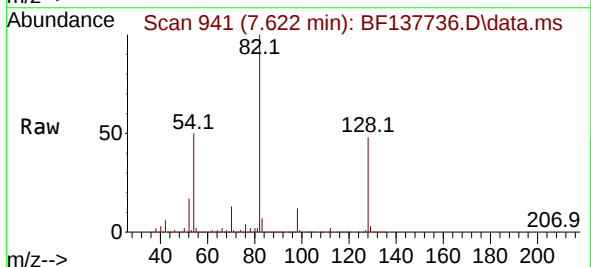
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	6.9	10.3
68	6.2	5.4	8.0

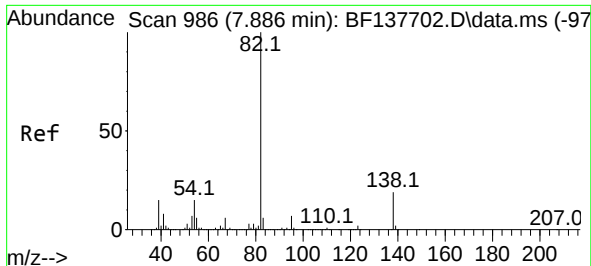


#23
Nitrobenzene-d5
Concen: 63.463 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

Tgt Ion: 82 Resp: 1225224

Ion	Ratio	Lower	Upper
82	100		
128	48.5	35.8	53.6
54	50.2	42.5	63.7

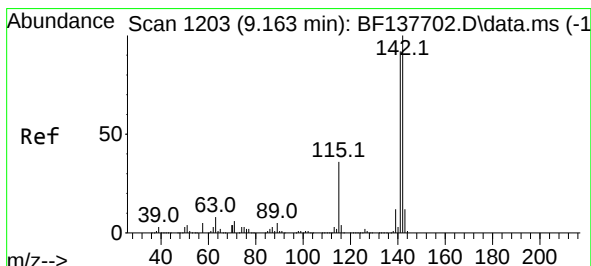
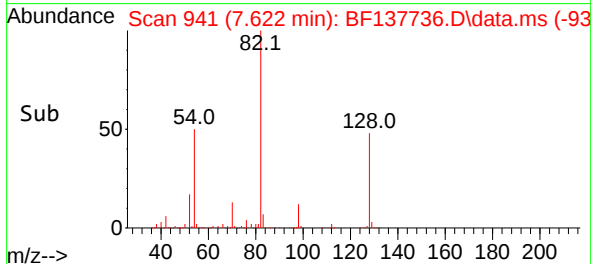
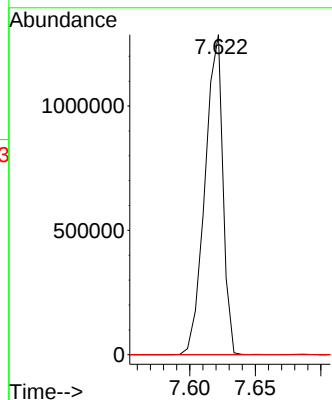
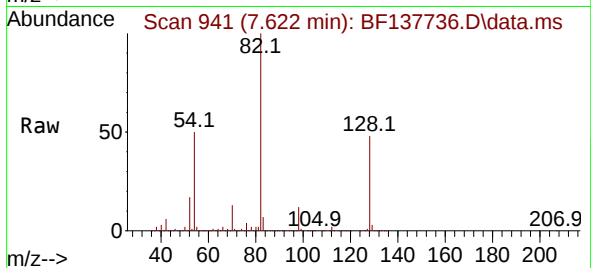




#25
Isophorone
Concen: 34.085 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

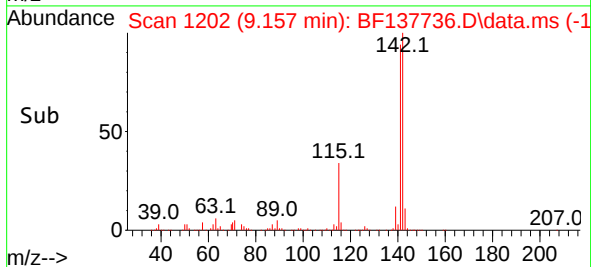
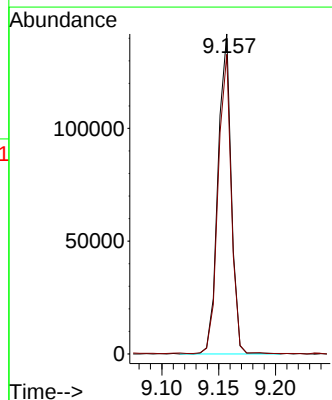
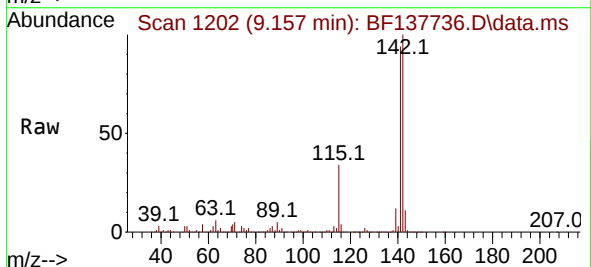
Instrument :
BNA_F
ClientSampleId :
B-131-GW-02

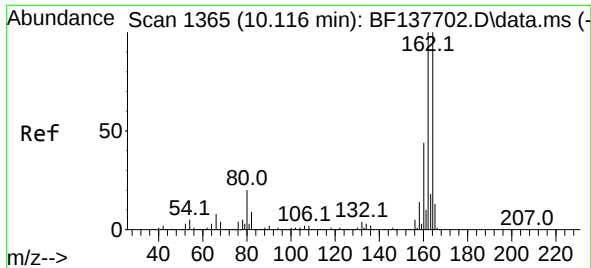
Tgt Ion: 82 Resp: 1222157
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#38
1-Methylnaphthalene
Concen: 3.434 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

Tgt Ion: 142 Resp: 115246
Ion Ratio Lower Upper
142 100
141 93.6 73.4 110.0

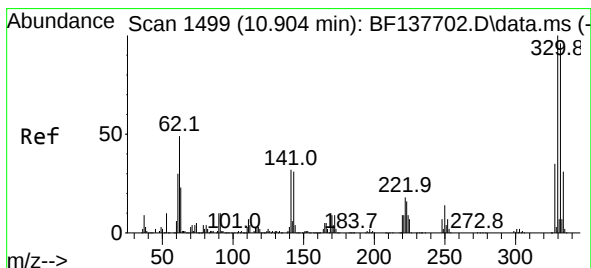
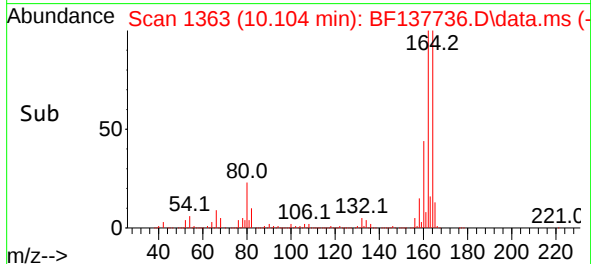
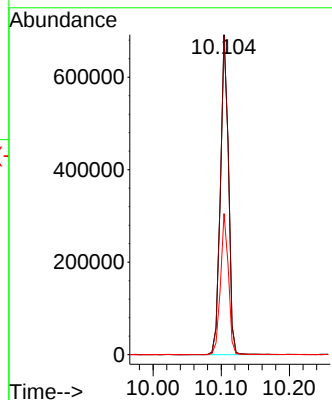
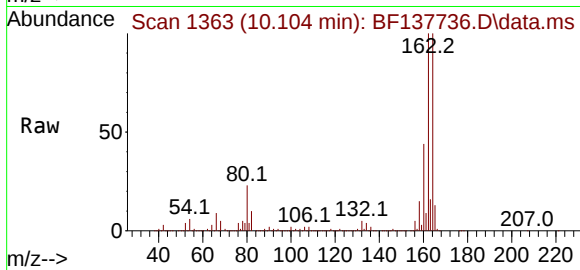




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

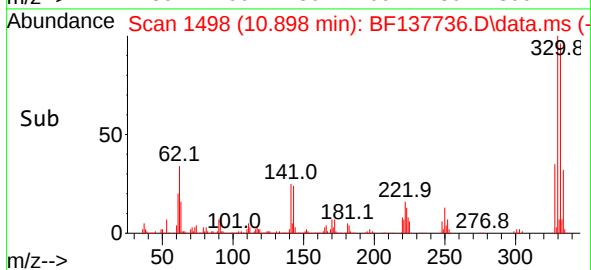
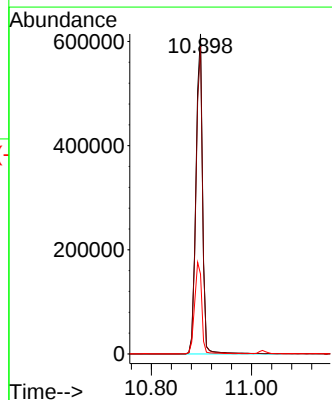
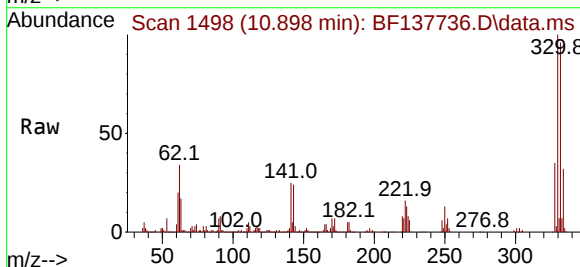
Instrument :
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ClientSampleId :
B-131-GW-02

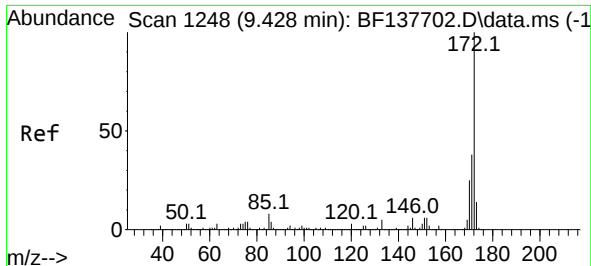
Tgt Ion:164 Resp: 571802
Ion Ratio Lower Upper
164 100
162 99.6 80.3 120.5
160 44.1 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 96.697 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

Tgt Ion:330 Resp: 557931
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 31.0 27.0 40.4





#45

2-Fluorobiphenyl

Concen: 62.187 ng

RT: 9.416 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

Instrument :

BNA_F

ClientSampleId :

B-131-GW-02

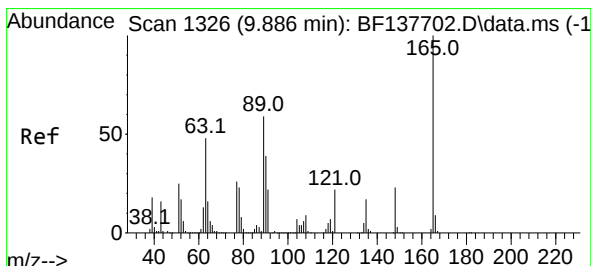
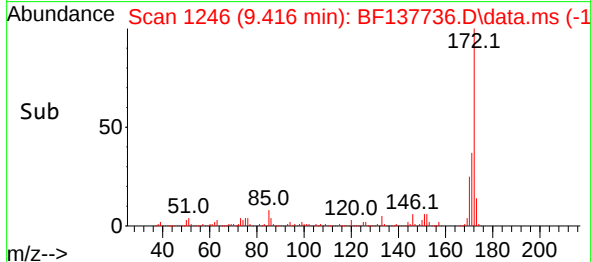
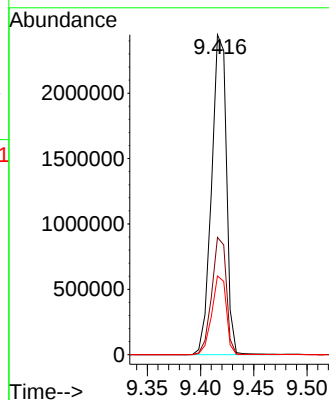
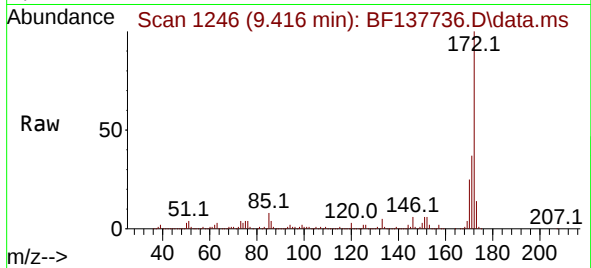
Tgt Ion:172 Resp: 2379773

Ion Ratio Lower Upper

172 100

171 36.7 30.2 45.4

170 24.6 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 9.213 ng

RT: 10.104 min Scan# 1363

Delta R.T. 0.218 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

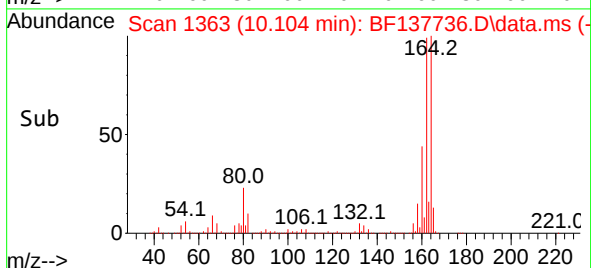
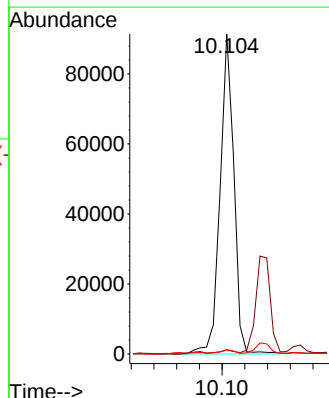
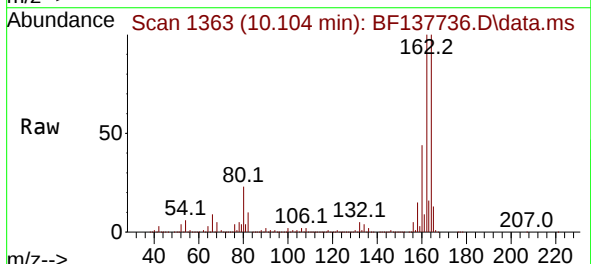
Tgt Ion:165 Resp: 77329

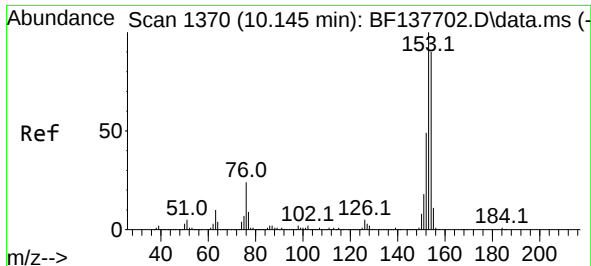
Ion Ratio Lower Upper

165 100

63 1.3 47.7 71.5#

89 1.2 47.3 70.9#

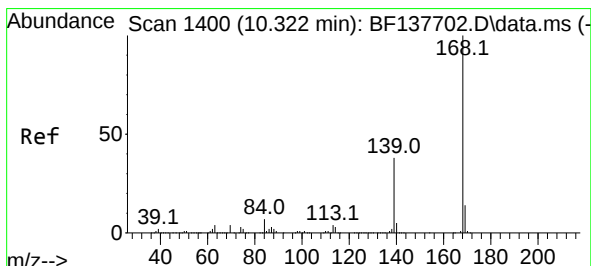
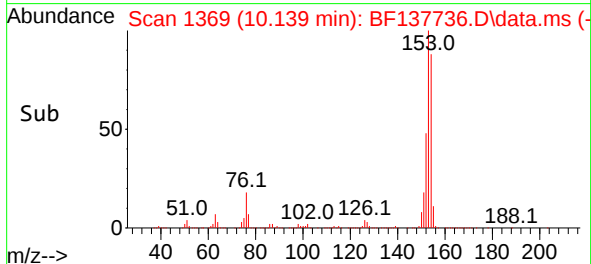
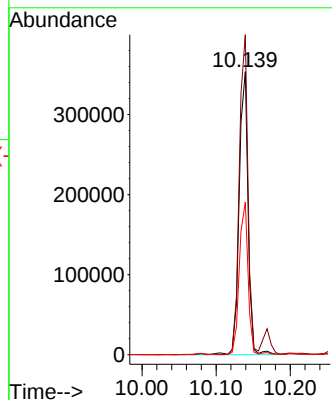
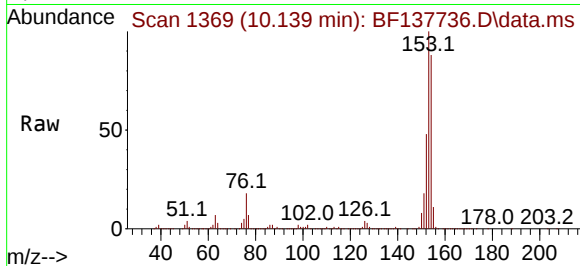




#52
Acenaphthene
Concen: 9.056 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

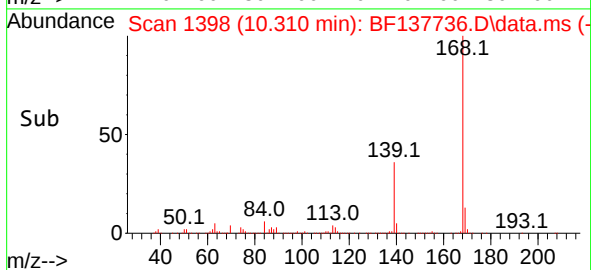
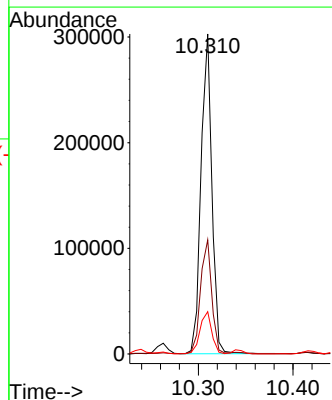
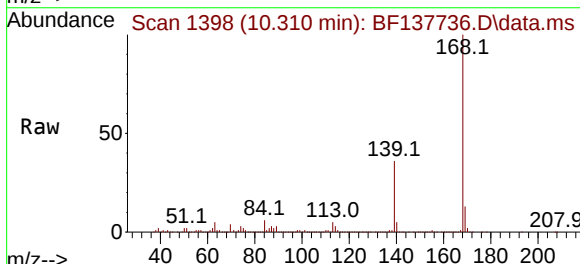
Instrument :
BNA_F
ClientSampleId :
B-131-GW-02

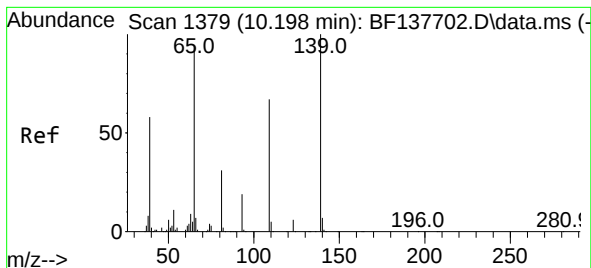
Tgt Ion:154 Resp: 293215
Ion Ratio Lower Upper
154 100
153 113.1 88.5 132.7
152 54.0 43.3 64.9



#55
Dibenzofuran
Concen: 5.091 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

Tgt Ion:168 Resp: 241617
Ion Ratio Lower Upper
168 100
139 35.7 30.1 45.1
169 13.2 10.9 16.3

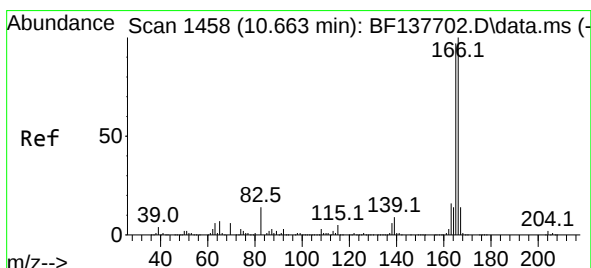
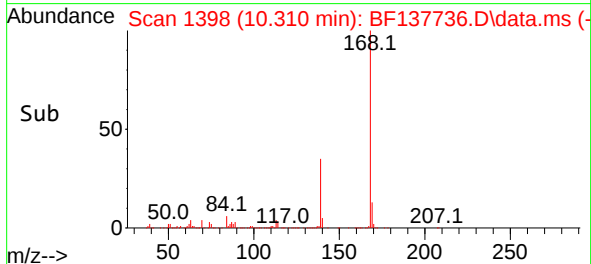
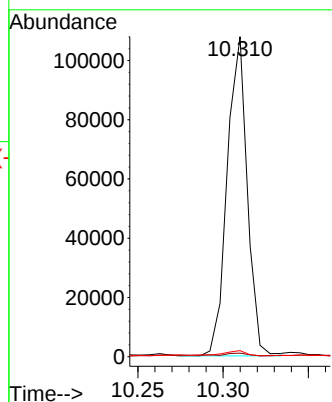
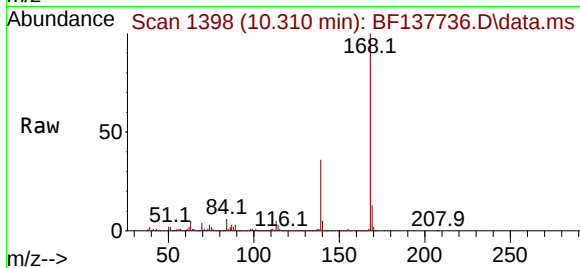




#56
4-Nitrophenol
Concen: 12.022 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.112 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

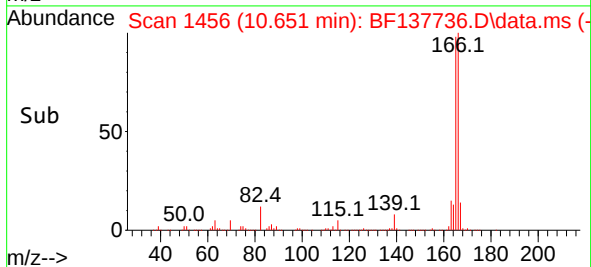
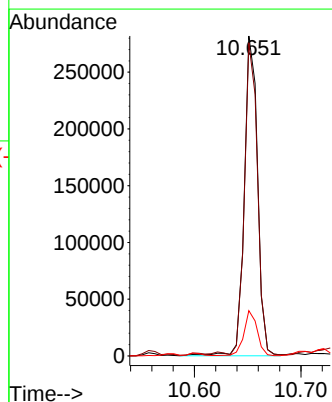
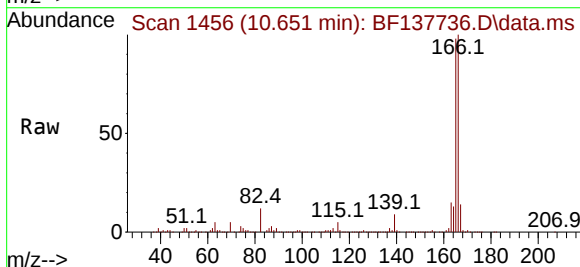
Instrument :
BNA_F
ClientSampleId :
B-131-GW-02

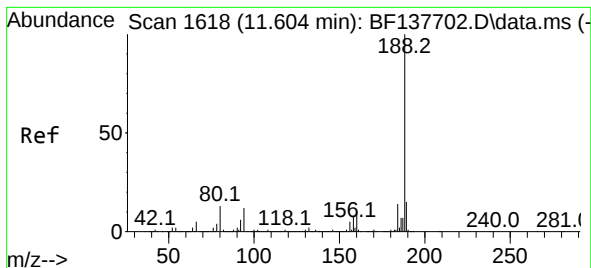
Tgt Ion:139 Resp: 88191
Ion Ratio Lower Upper
139 100
109 1.1 46.9 86.9#
65 1.9 75.8 115.8#



#58
Fluorene
Concen: 6.579 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.012 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

Tgt Ion:166 Resp: 244004
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.6
167 14.1 10.8 16.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

Instrument :

BNA_F

ClientSampleId :

B-131-GW-02

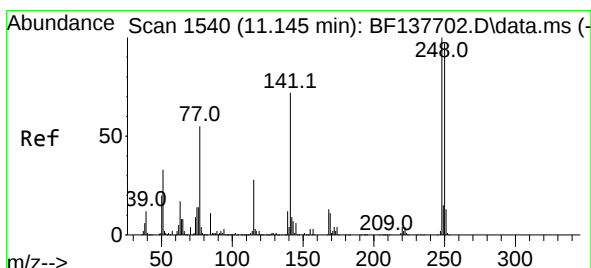
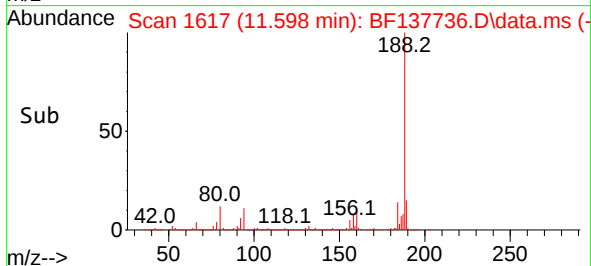
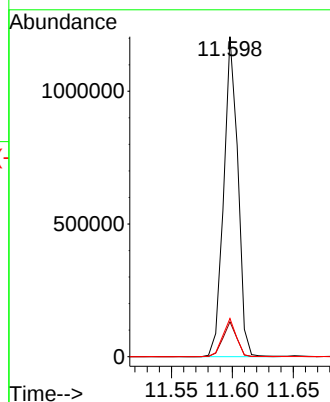
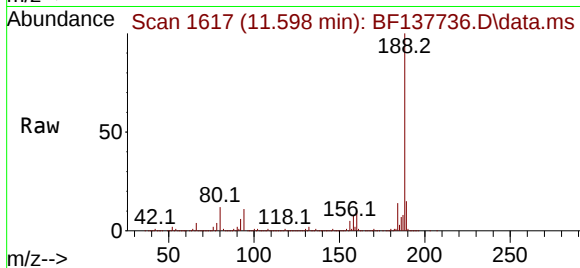
Tgt Ion:188 Resp: 976845

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

80 12.0 10.2 15.4



#67

4-Bromophenyl-phenylether

Concen: 3.172 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.247 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

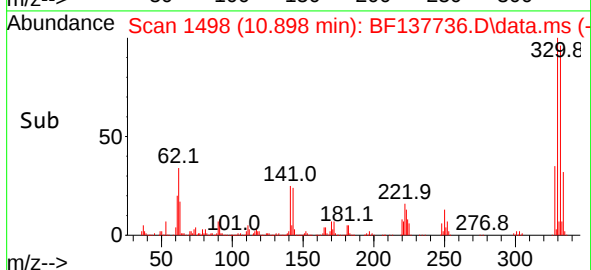
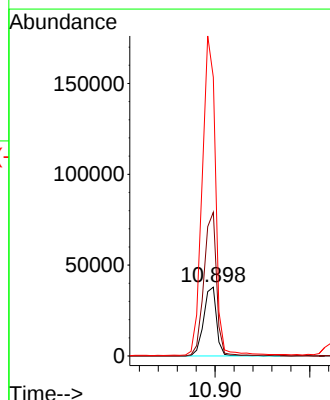
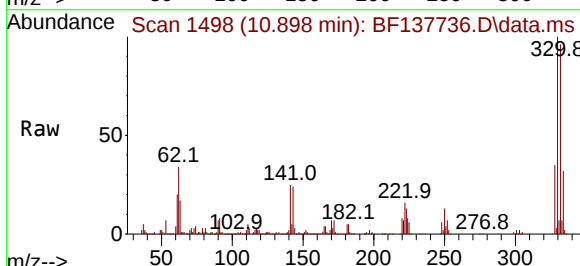
Tgt Ion:248 Resp: 35903

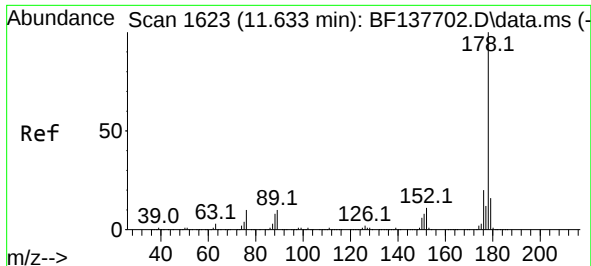
Ion Ratio Lower Upper

248 100

250 208.8 77.4 116.0#

141 404.8 57.9 86.9#

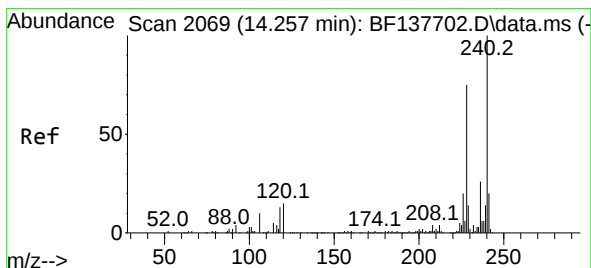
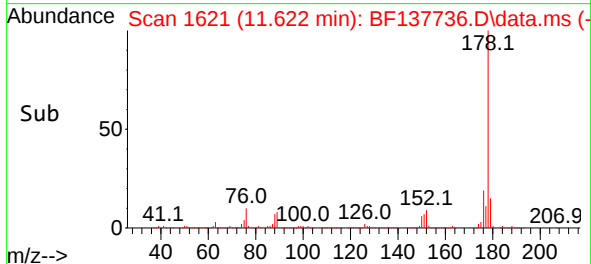
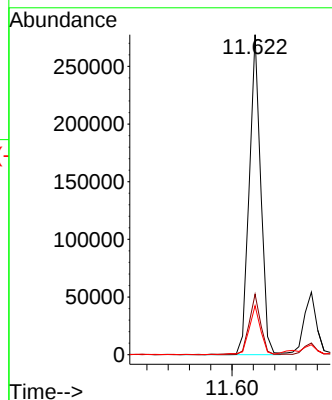
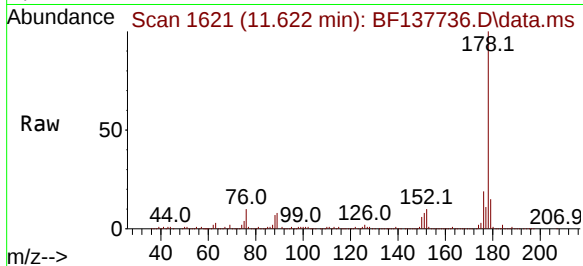




#71
Phenanthrene
Concen: 4.023 ng
RT: 11.622 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

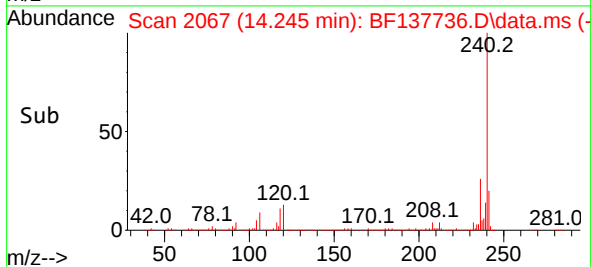
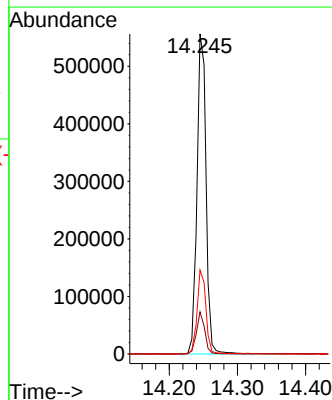
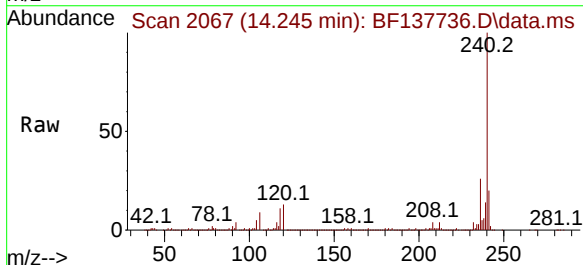
Instrument :
BNA_F
ClientSampleId :
B-131-GW-02

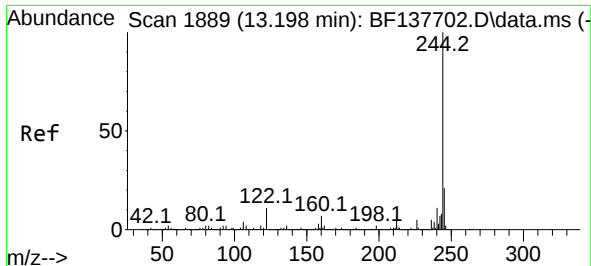
Tgt Ion:178 Resp: 208017
Ion Ratio Lower Upper
178 100
176 18.9 16.4 24.6
179 15.3 12.8 19.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.012 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

Tgt Ion:240 Resp: 514641
Ion Ratio Lower Upper
240 100
120 13.1 11.9 17.9
236 26.2 20.8 31.2

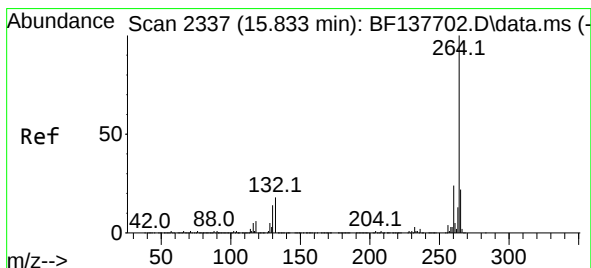
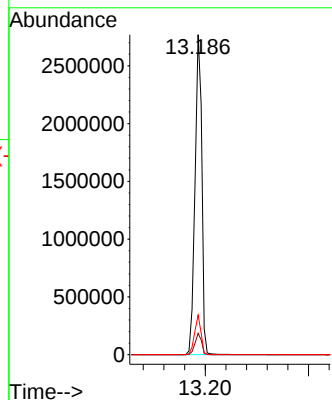
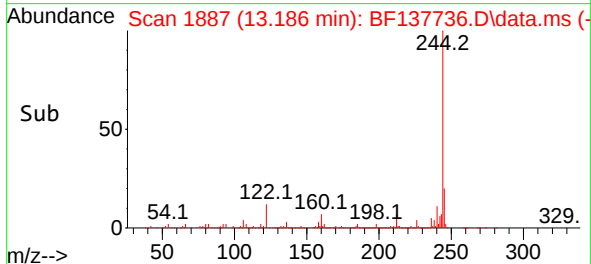
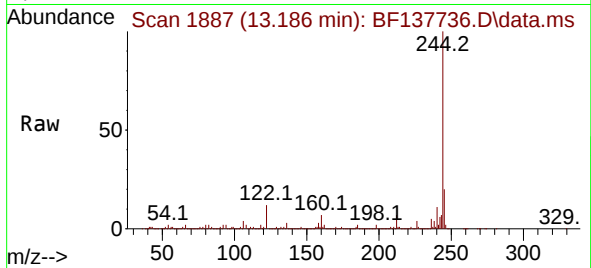




#79
 Terphenyl-d14
 Concen: 78.891 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. -0.012 min
 Lab File: BF137736.D
 Acq: 26 Apr 2024 15:47

Instrument :
 BNA_F
 ClientSampleId :
 B-131-GW-02

Tgt Ion:244 Resp: 2522448
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 12.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.821 min Scan# 2335
 Delta R.T. -0.012 min
 Lab File: BF137736.D
 Acq: 26 Apr 2024 15:47

Tgt Ion:264 Resp: 512335
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.4 17.5 26.3

