

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137488.D
 Acq On : 04 Mar 2024 18:49
 Operator : CG\JU
 Sample : P1662-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520556

Quant Time: Mar 04 23:18:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

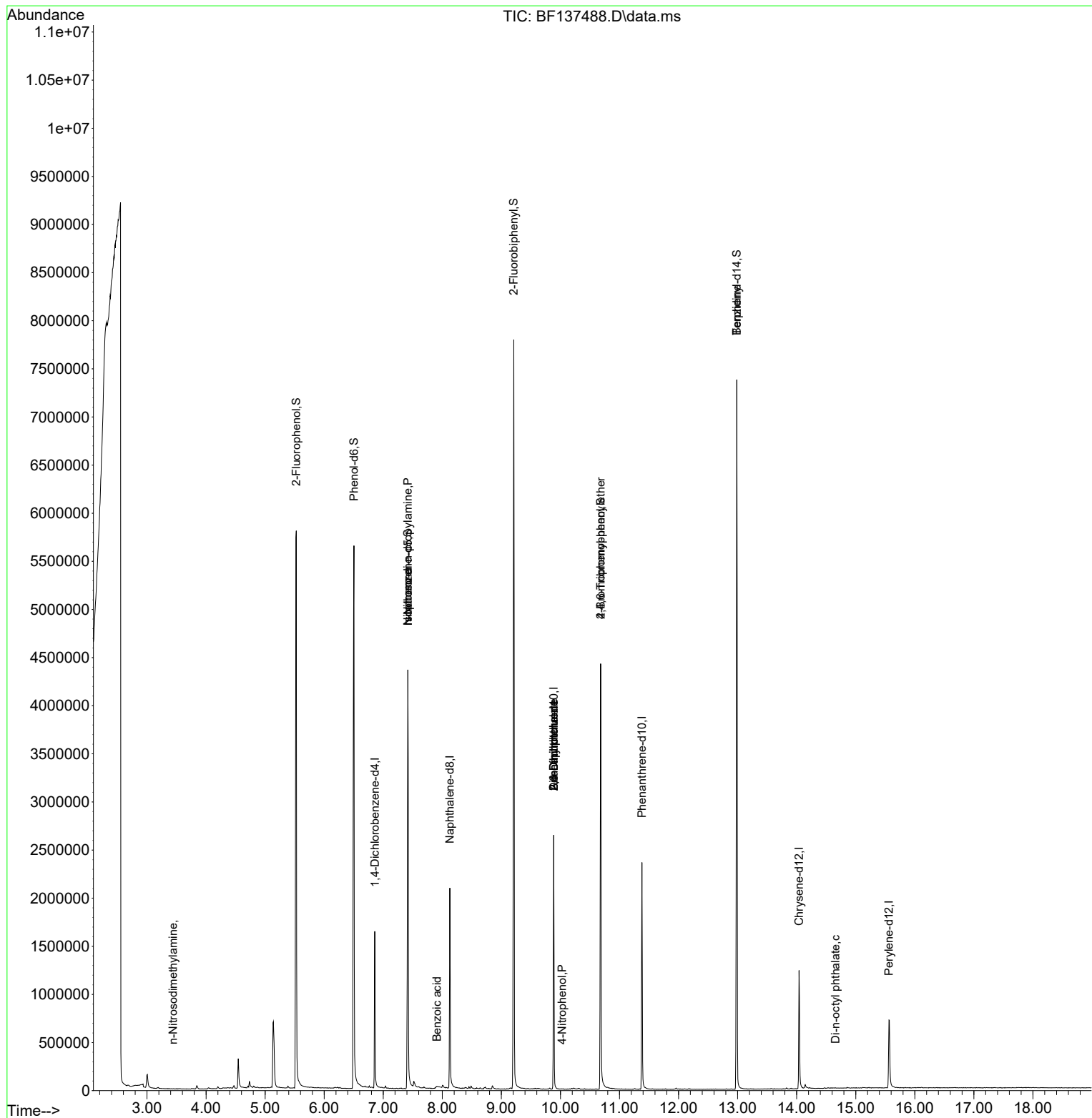
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	228854	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	906880	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	502399	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	840529	20.000	ng	0.00
76) Chrysene-d12	14.039	240	447077	20.000	ng	-0.01
86) Perylene-d12	15.562	264	390854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1835378	121.464	ng	0.02
7) Phenol-d6	6.504	99	2350356	107.758	ng	0.00
23) Nitrobenzene-d5	7.416	82	1682156	86.185	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	578666	131.159	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	2608222	81.266	ng	0.00
79) Terphenyl-d14	12.986	244	2792877	85.902	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.440	42	631	3.880	ng	# 5
19) n-Nitroso-di-n-propyla...	7.416	70	222549	16.523	ng	# 83
25) Isophorone	7.416	82	1682148	45.365	ng	# 69
32) Benzoic acid	7.910	122	6075	6.929	ng	97
50) Dimethylphthalate	9.886	163	83837	2.397	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	66795	9.131	ng	# 20
56) 4-Nitrophenol	10.027	139	53	4.536	ng	# 5
57) 2,4-Dinitrotoluene	9.886	165	66795	7.432	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	37226	4.066	ng	# 1
77) Benzidine	12.986	184	32571	2.977	ng	# 94
85) Di-n-octyl phthalate	14.657	149	1266	5.648	ng	# 1

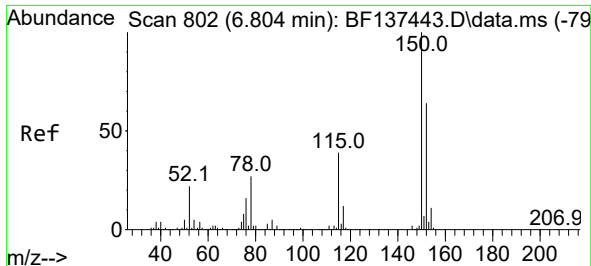
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137488.D
Acq On : 04 Mar 2024 18:49
Operator : CG\JU
Sample : P1662-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-2520556

Quant Time: Mar 04 23:18:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 00:26:53 2024
Response via : Initial Calibration

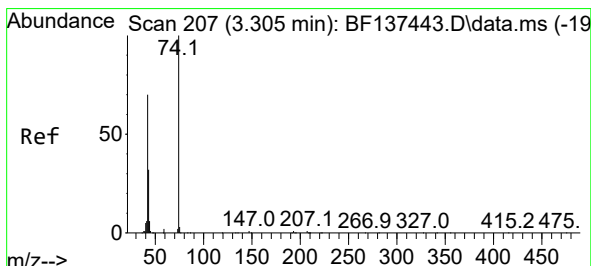
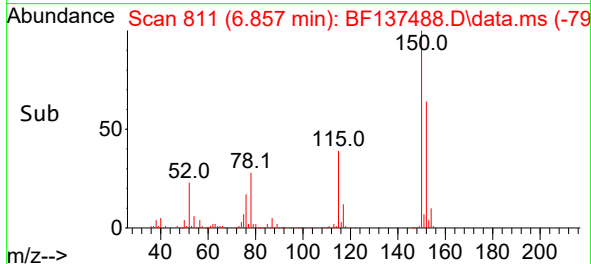
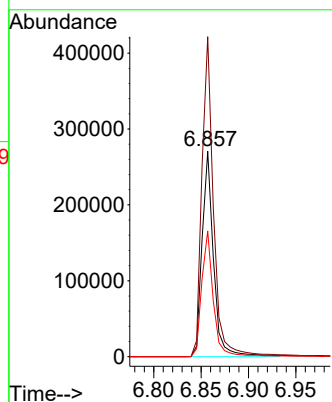
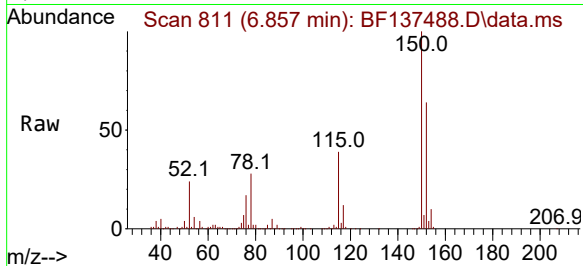




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

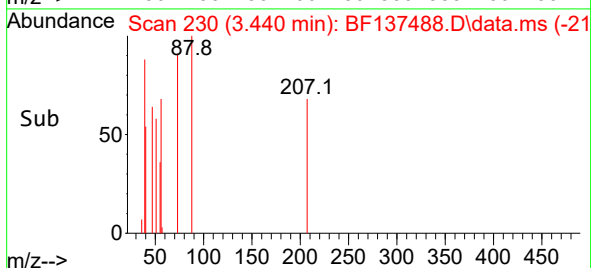
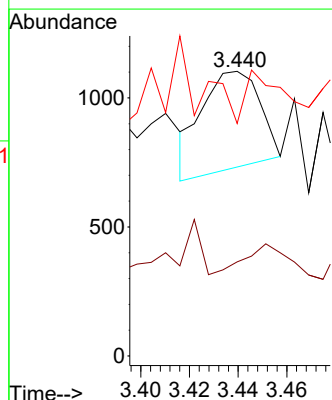
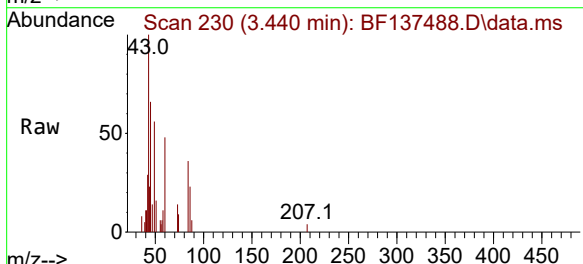
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

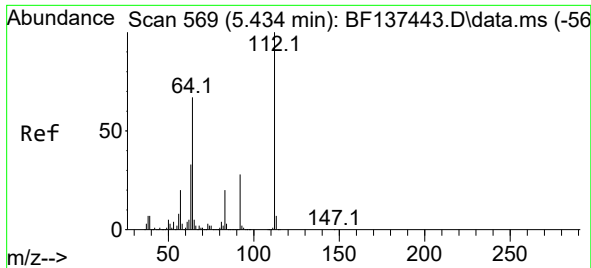
Tgt Ion:152 Resp: 228854
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 61.2 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.880 ng
RT: 3.440 min Scan# 230
Delta R.T. -0.006 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

Tgt Ion: 42 Resp: 631
Ion Ratio Lower Upper
42 100
74 33.1 114.0 171.0#
44 81.7 7.0 10.4#

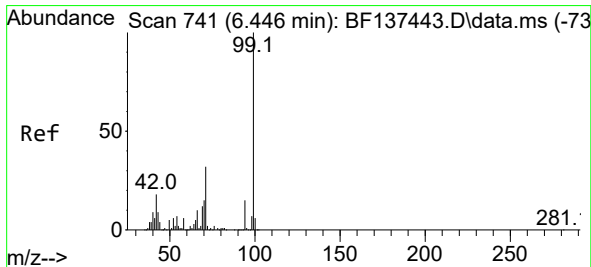
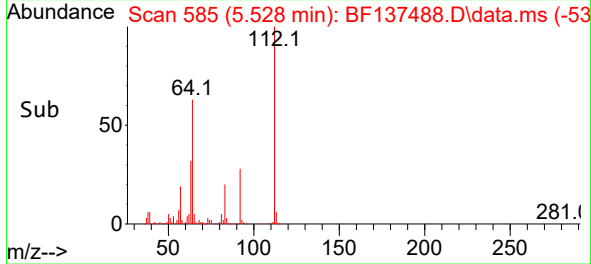
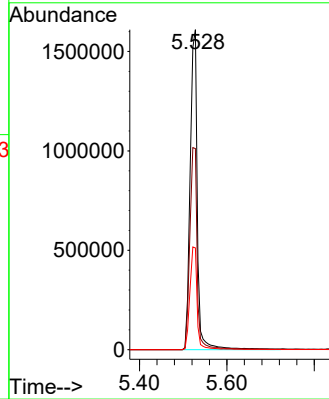
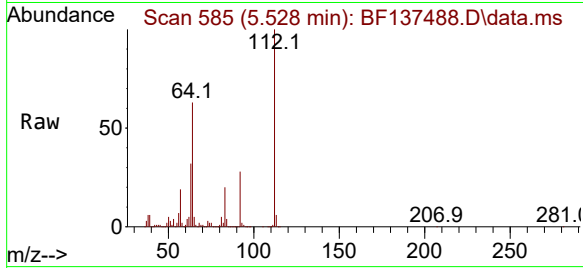




#5
2-Fluorophenol
Concen: 121.464 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

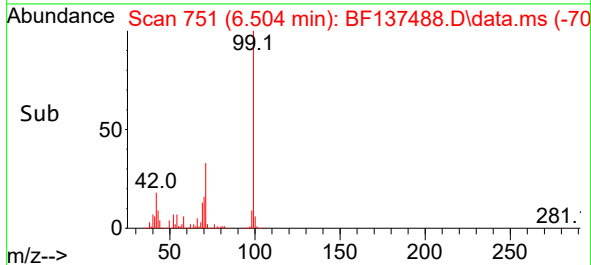
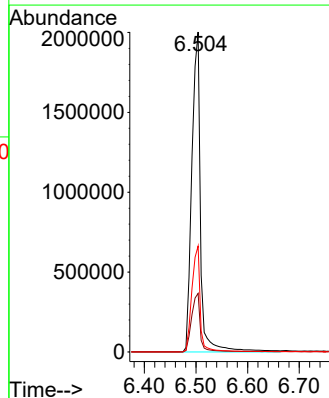
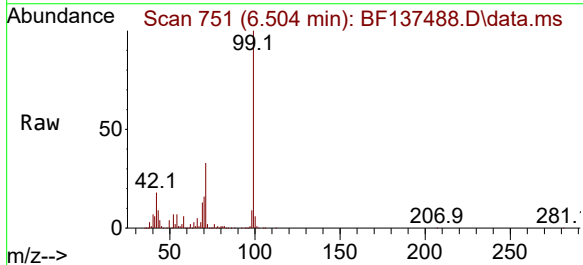
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

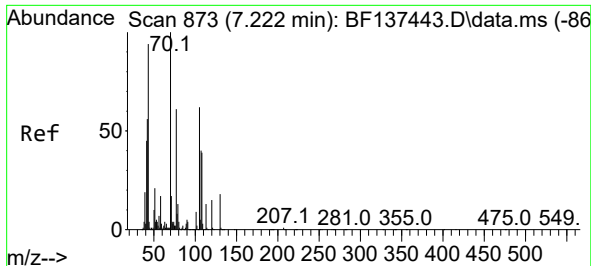
Tgt Ion:112 Resp: 1835378
Ion Ratio Lower Upper
112 100
64 62.9 53.4 80.2
63 31.8 26.2 39.2



#7
Phenol-d6
Concen: 107.758 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

Tgt Ion: 99 Resp: 2350356
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 33.1 25.3 37.9





#19

n-Nitroso-di-n-propylamine

Concen: 16.523 ng

RT: 7.416 min Scan# 90

Delta R.T. 0.135 min

Lab File: BF137488.D

Acq: 04 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RBR-2520556

Tgt Ion: 70 Resp: 222549

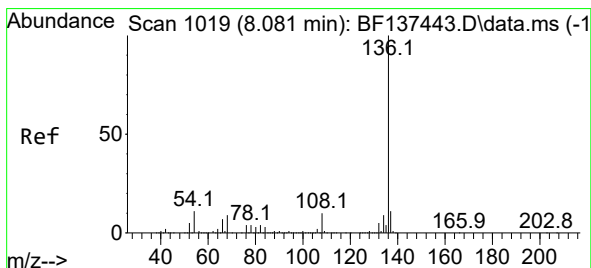
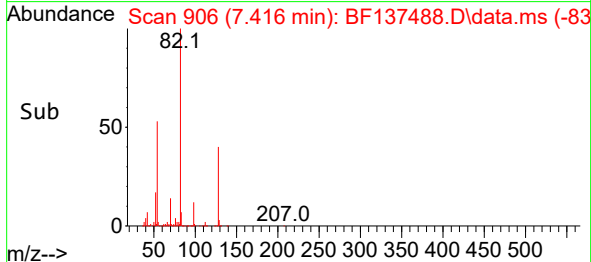
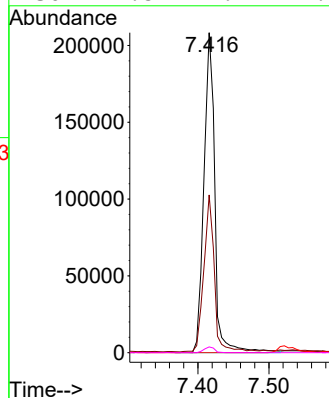
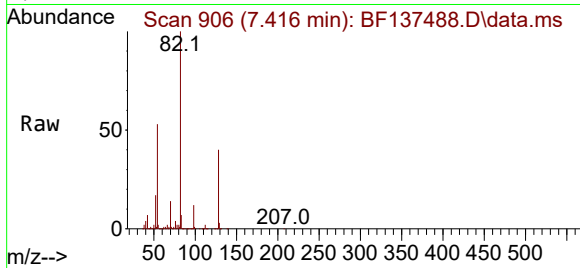
Ion Ratio Lower Upper

70 100

42 49.3 45.2 67.8

101 0.0 7.3 10.9#

130 1.8 14.7 22.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF137488.D

Acq: 04 Mar 2024 18:49

Tgt Ion:136 Resp: 906880

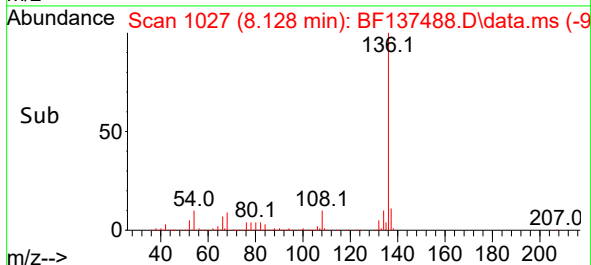
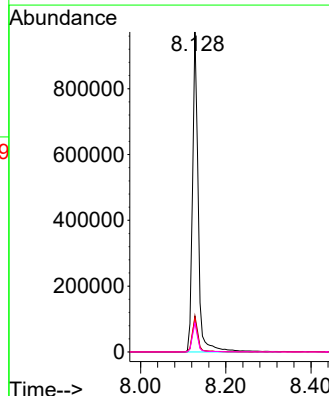
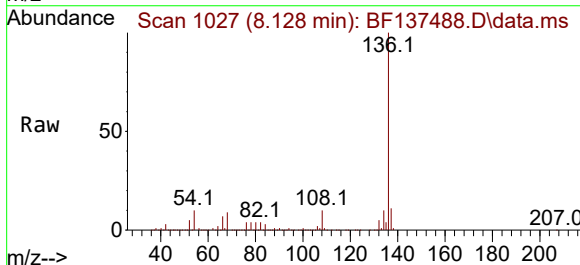
Ion Ratio Lower Upper

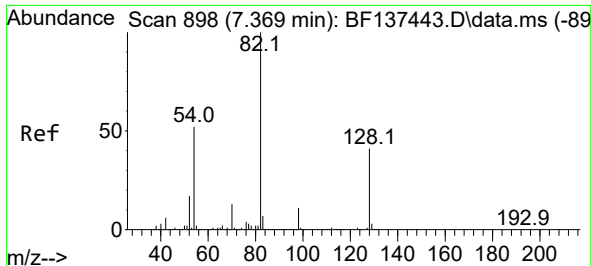
136 100

137 11.3 9.1 13.7

54 10.4 8.5 12.7

68 9.0 7.4 11.2





#23

Nitrobenzene-d5

Concen: 86.185 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137488.D

Acq: 04 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RBR-2520556

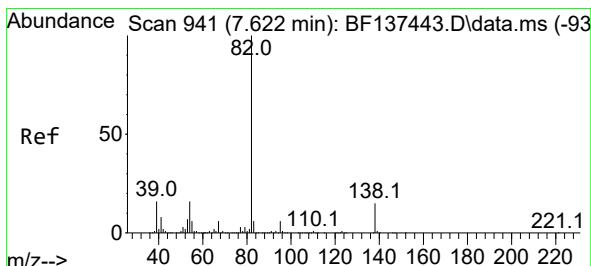
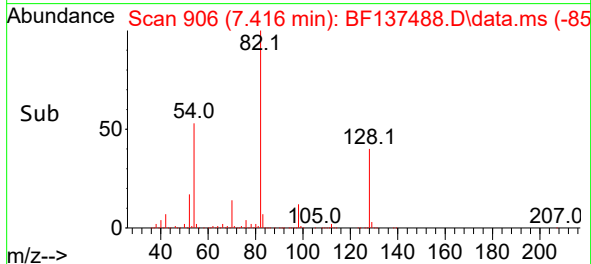
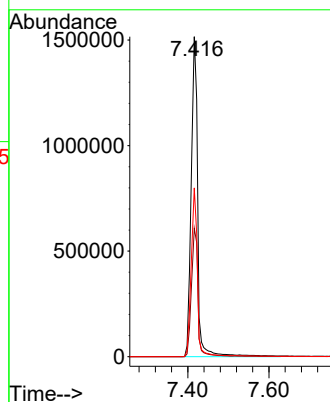
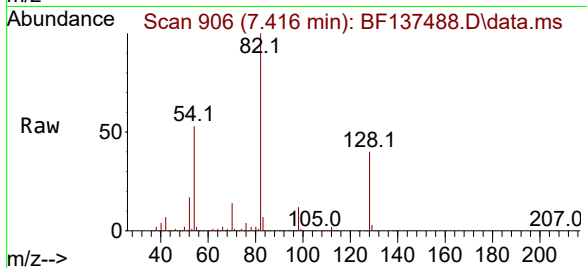
Tgt Ion: 82 Resp: 1682156

Ion Ratio Lower Upper

82 100

128 40.1 32.5 48.7

54 52.7 41.5 62.3



#25

Isophorone

Concen: 45.365 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.265 min

Lab File: BF137488.D

Acq: 04 Mar 2024 18:49

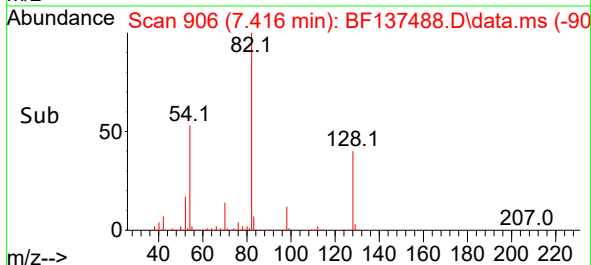
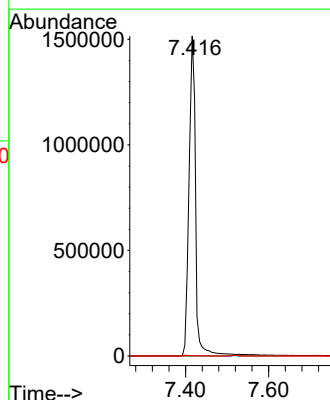
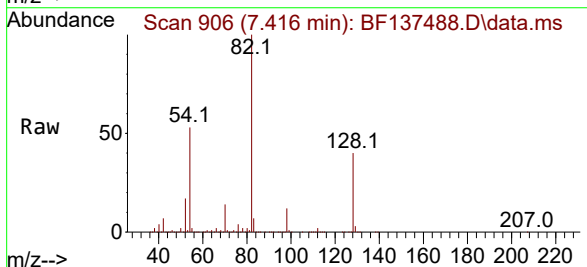
Tgt Ion: 82 Resp: 1682148

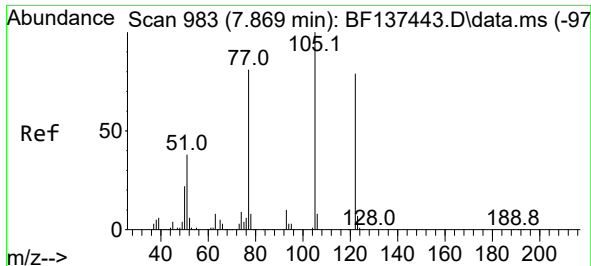
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.1 11.8 17.8#

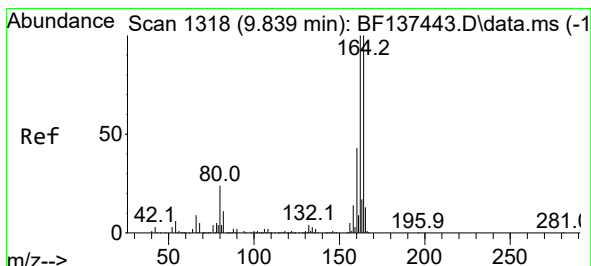
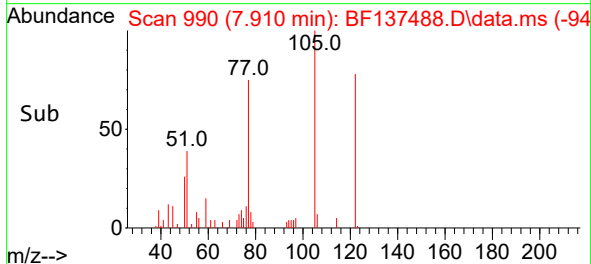
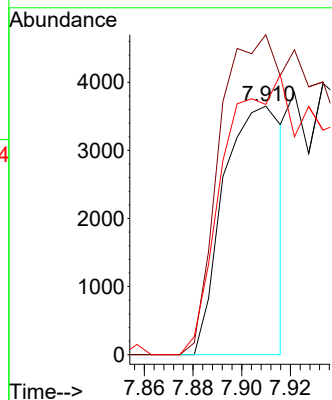
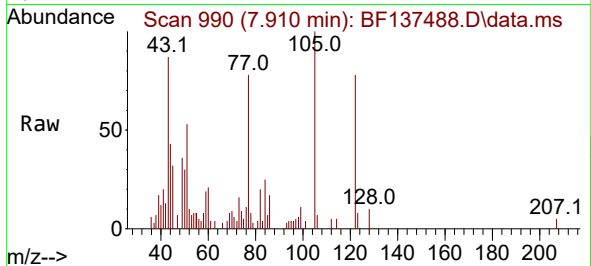




#32
Benzoic acid
Concen: 6.929 ng
RT: 7.910 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

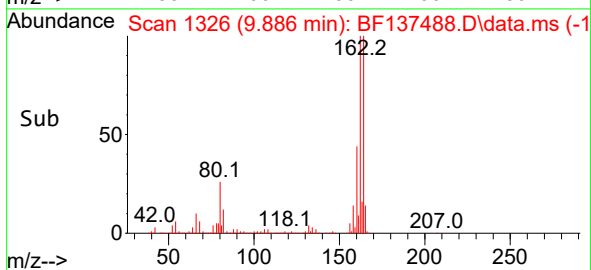
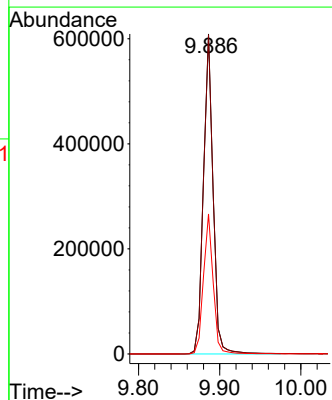
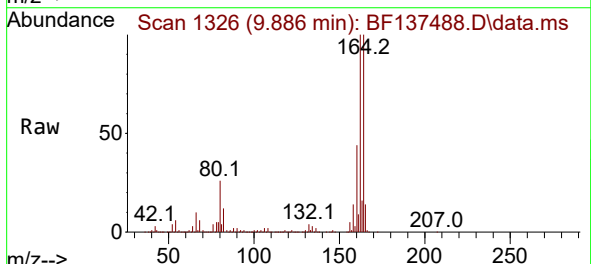
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

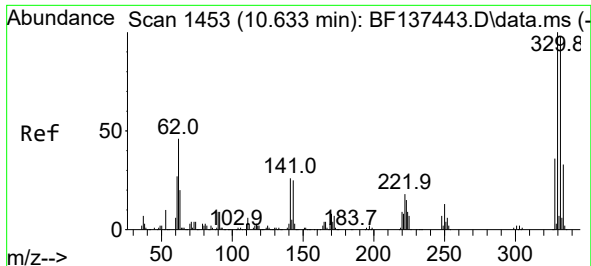
Tgt Ion:122 Resp: 6075
Ion Ratio Lower Upper
122 100
105 128.8 102.4 142.4
77 100.7 81.1 121.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

Tgt Ion:164 Resp: 502399
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.8
160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 131.159 ng

RT: 10.680 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137488.D

Acq: 04 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RBR-2520556

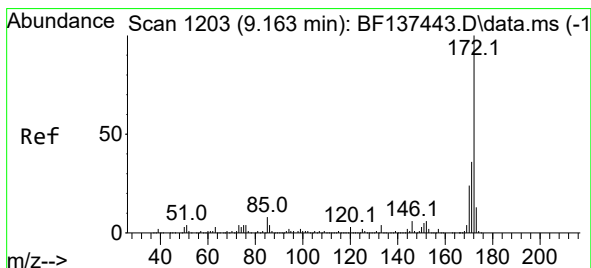
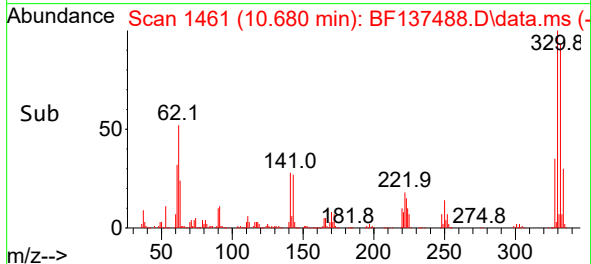
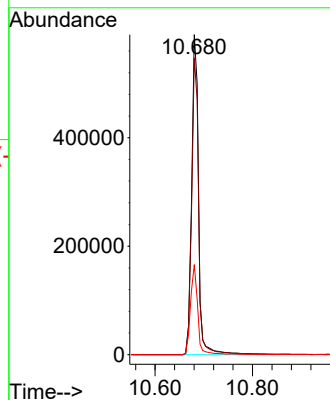
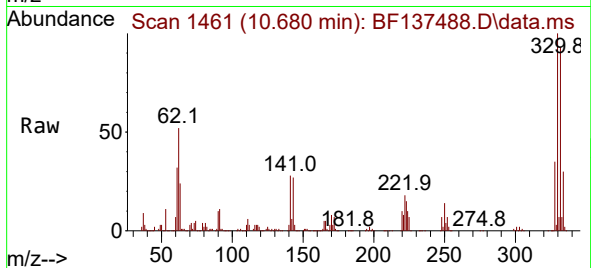
Tgt Ion:330 Resp: 578666

Ion Ratio Lower Upper

330 100

332 93.6 78.0 117.0

141 29.0 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 81.266 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137488.D

Acq: 04 Mar 2024 18:49

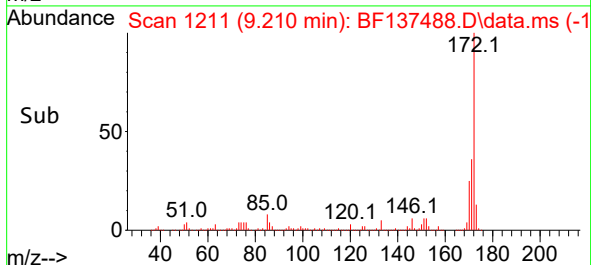
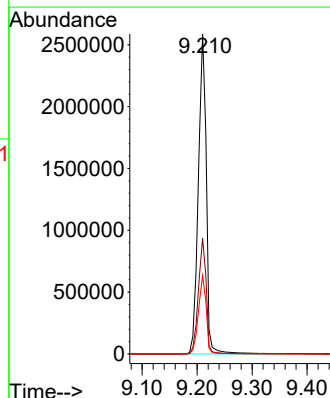
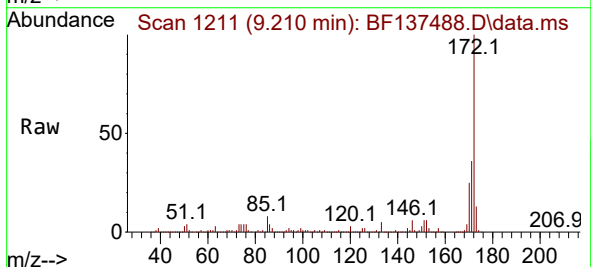
Tgt Ion:172 Resp: 2608222

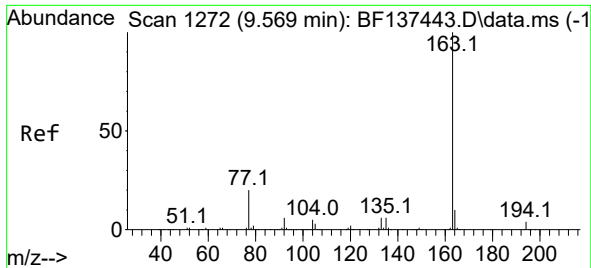
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.5 19.0 28.6

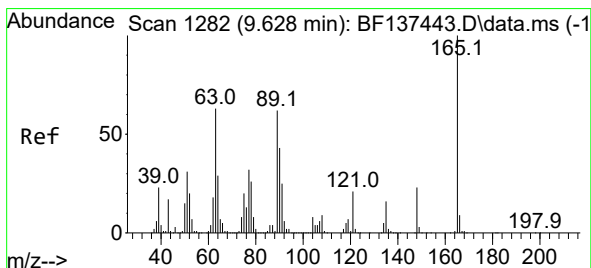
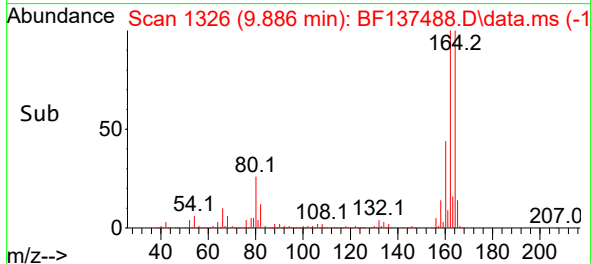
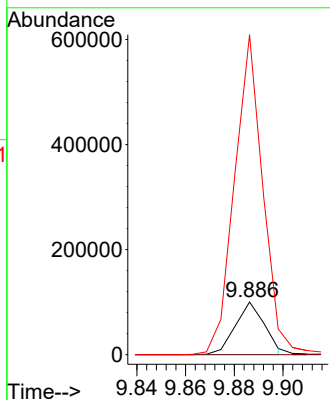
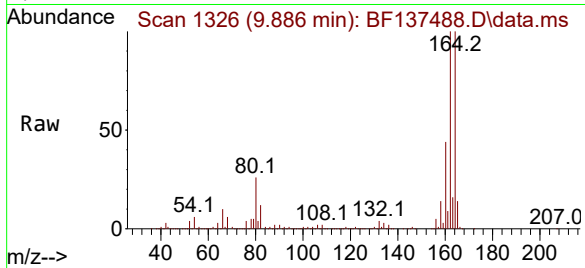




#50
Dimethylphthalate
Concen: 2.397 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.259 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

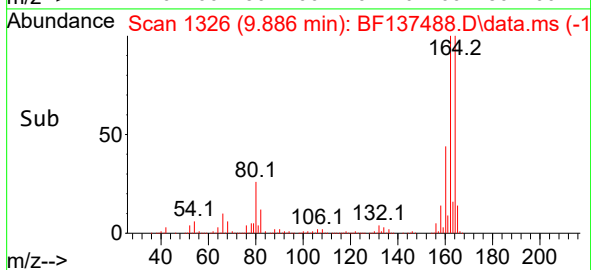
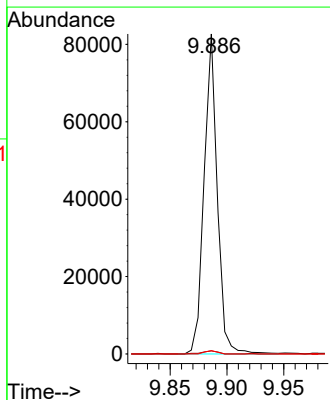
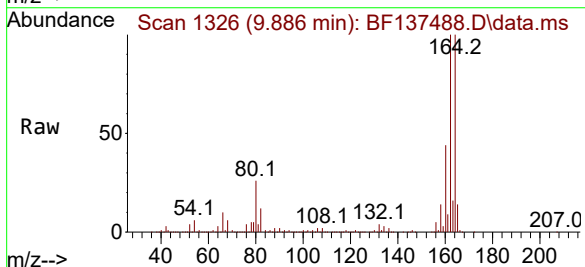
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

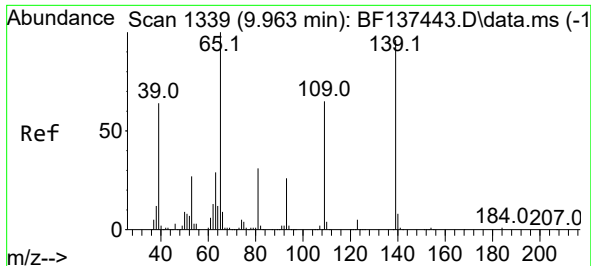
Tgt Ion:163 Resp: 83837
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 607.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 9.131 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.200 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

Tgt Ion:165 Resp: 66795
Ion Ratio Lower Upper
165 100
63 0.9 50.7 76.1#
89 1.0 50.0 75.0#

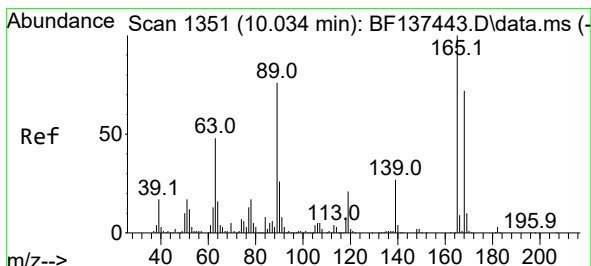
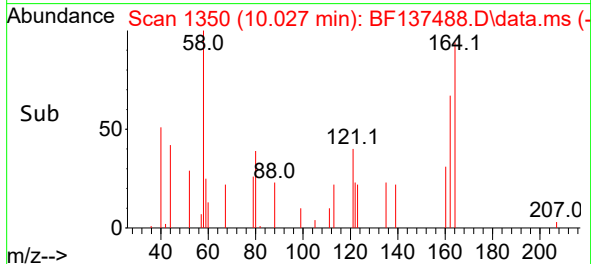
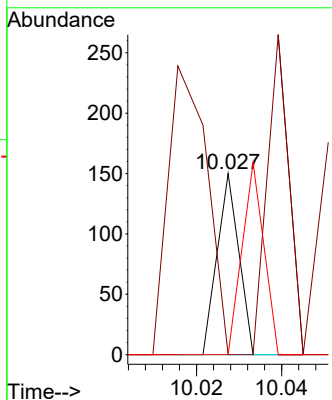
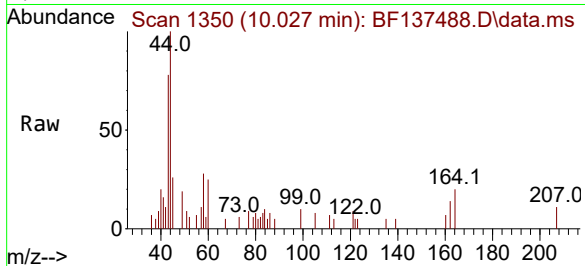




#56
4-Nitrophenol
Concen: 4.536 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

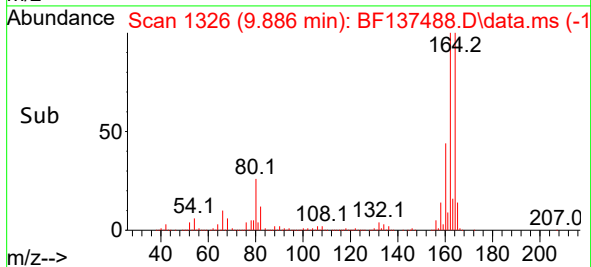
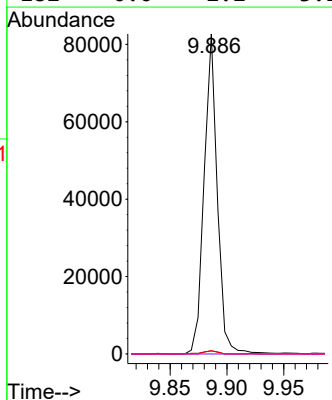
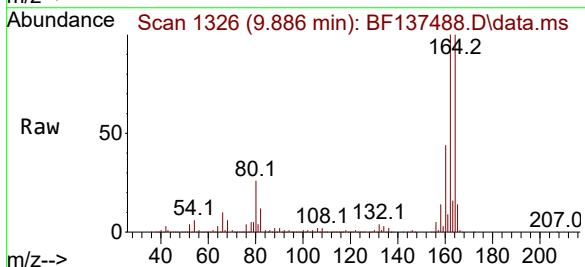
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

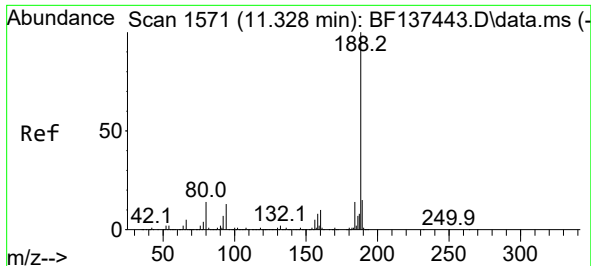
Tgt Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 0.0 47.1 87.1#
65 0.0 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.432 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.206 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

Tgt Ion:165 Resp: 66795
Ion Ratio Lower Upper
165 100
63 0.9 39.0 58.6#
89 1.0 60.9 91.3#
182 0.0 2.2 3.2#

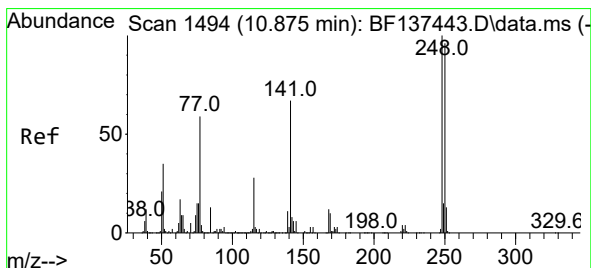
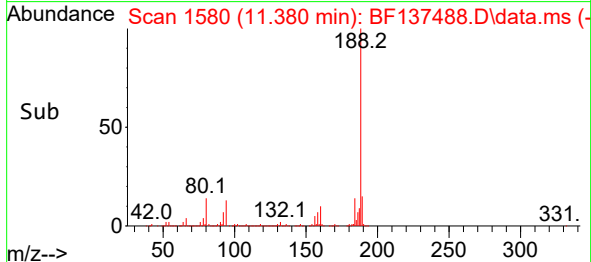
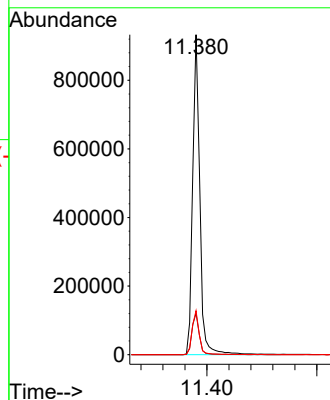
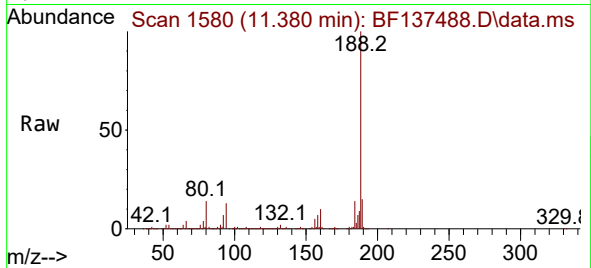




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

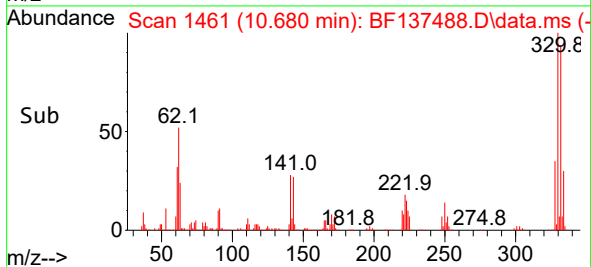
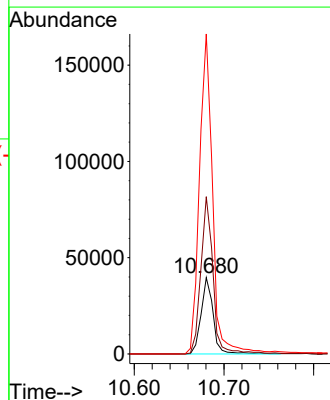
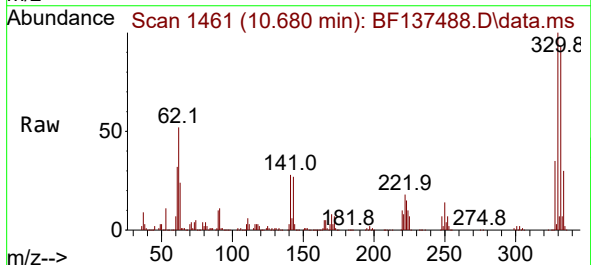
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

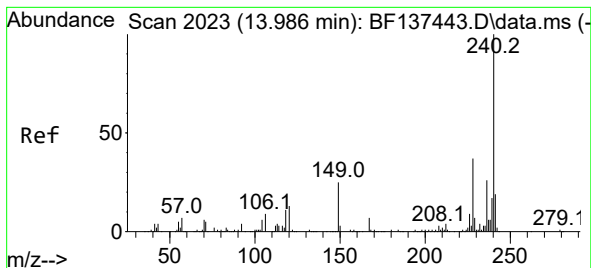
Tgt Ion:188 Resp: 840529
Ion Ratio Lower Upper
188 100
94 12.9 10.6 15.8
80 13.8 11.5 17.3



#67
4-Bromophenyl-phenylether
Concen: 4.066 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.253 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

Tgt Ion:248 Resp: 37226
Ion Ratio Lower Upper
248 100
250 206.2 76.8 115.2#
141 419.2 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137488.D

Acq: 04 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RBR-2520556

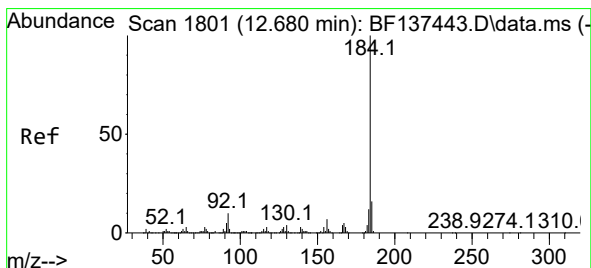
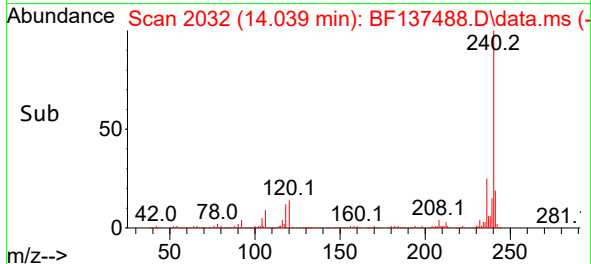
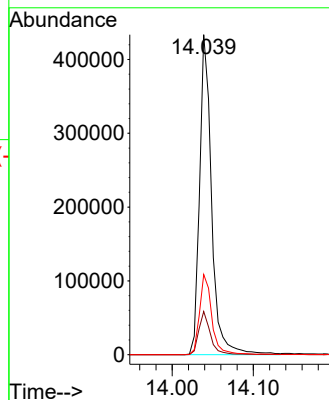
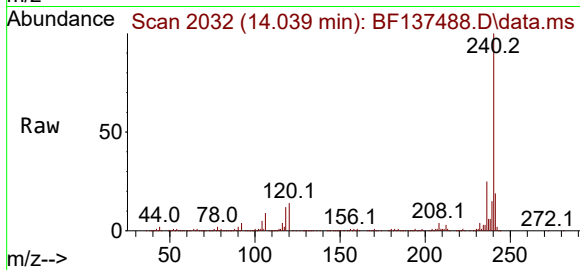
Tgt Ion:240 Resp: 447077

Ion Ratio Lower Upper

240 100

120 13.5 10.4 15.6

236 25.1 20.9 31.3



#77

Benzidine

Concen: 2.977 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF137488.D

Acq: 04 Mar 2024 18:49

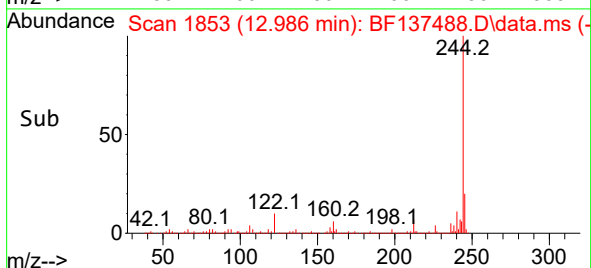
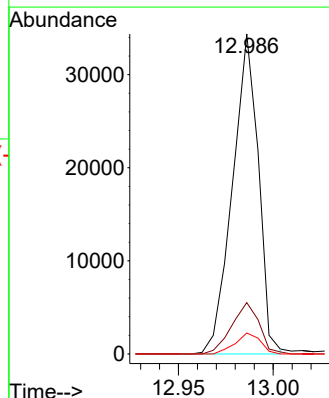
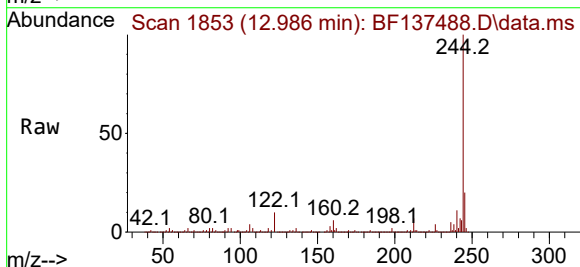
Tgt Ion:184 Resp: 32571

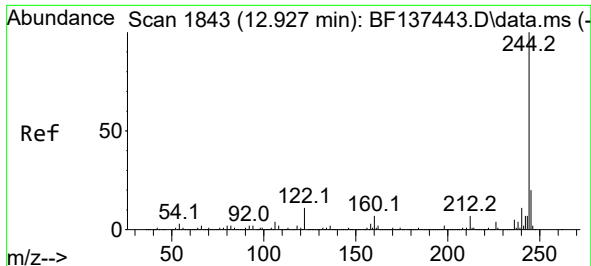
Ion Ratio Lower Upper

184 100

185 16.1 13.2 19.8

183 6.6 9.3 13.9#

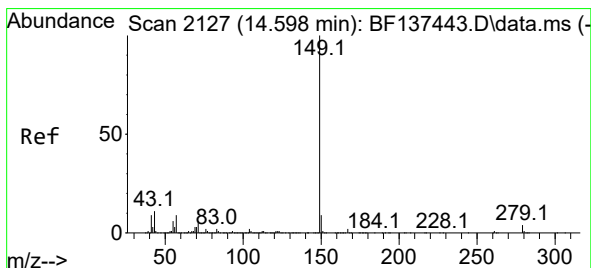
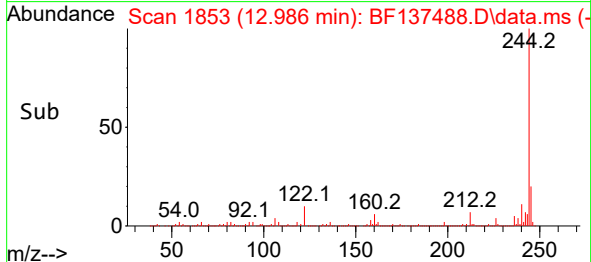
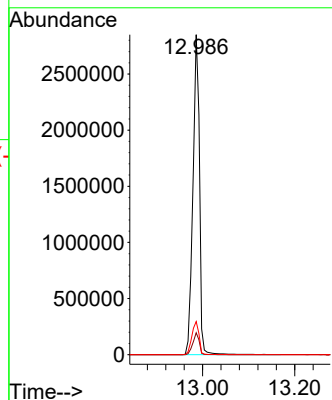
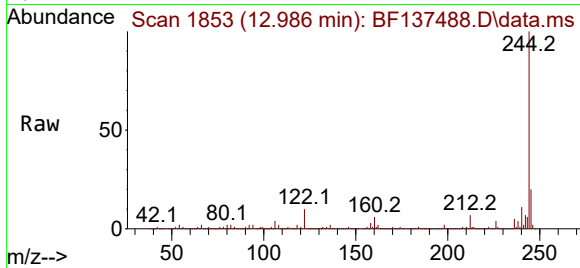




#79
 Terphenyl-d14
 Concen: 85.902 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137488.D
 Acq: 04 Mar 2024 18:49

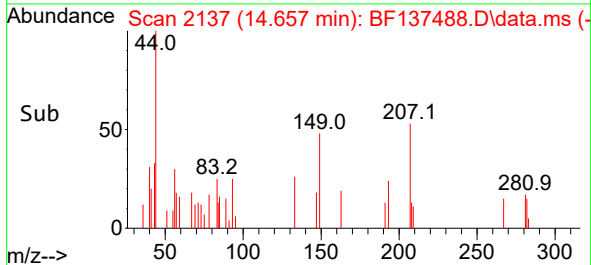
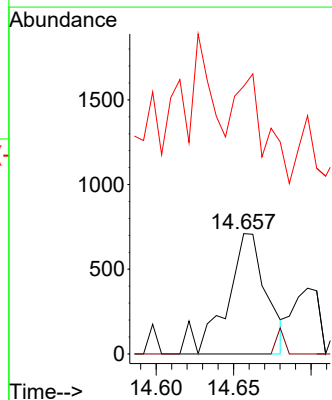
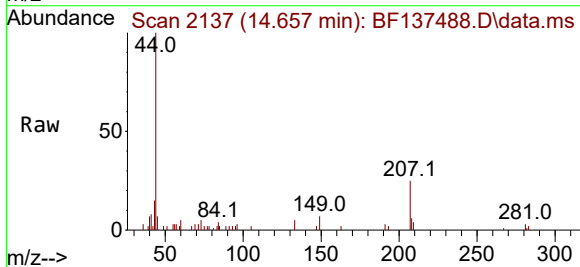
Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520556

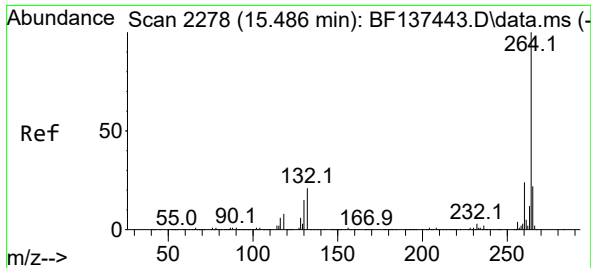
Tgt Ion:244 Resp: 2792877
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.3 9.1 13.7



#85
 Di-n-octyl phthalate
 Concen: 5.648 ng
 RT: 14.657 min Scan# 2137
 Delta R.T. -0.006 min
 Lab File: BF137488.D
 Acq: 04 Mar 2024 18:49

Tgt Ion:149 Resp: 1266
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 68.7 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

Instrument :
BNA_F
ClientSampleId :
RBR-2520556

Tgt Ion:264 Resp: 390854
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 21.9 17.4 26.0

