

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137465.D
 Acq On : 01 Mar 2024 18:14
 Operator : CG\JU
 Sample : P1602-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Mar 01 23:12:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 12:53:33 2024
 Response via : Initial Calibration

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

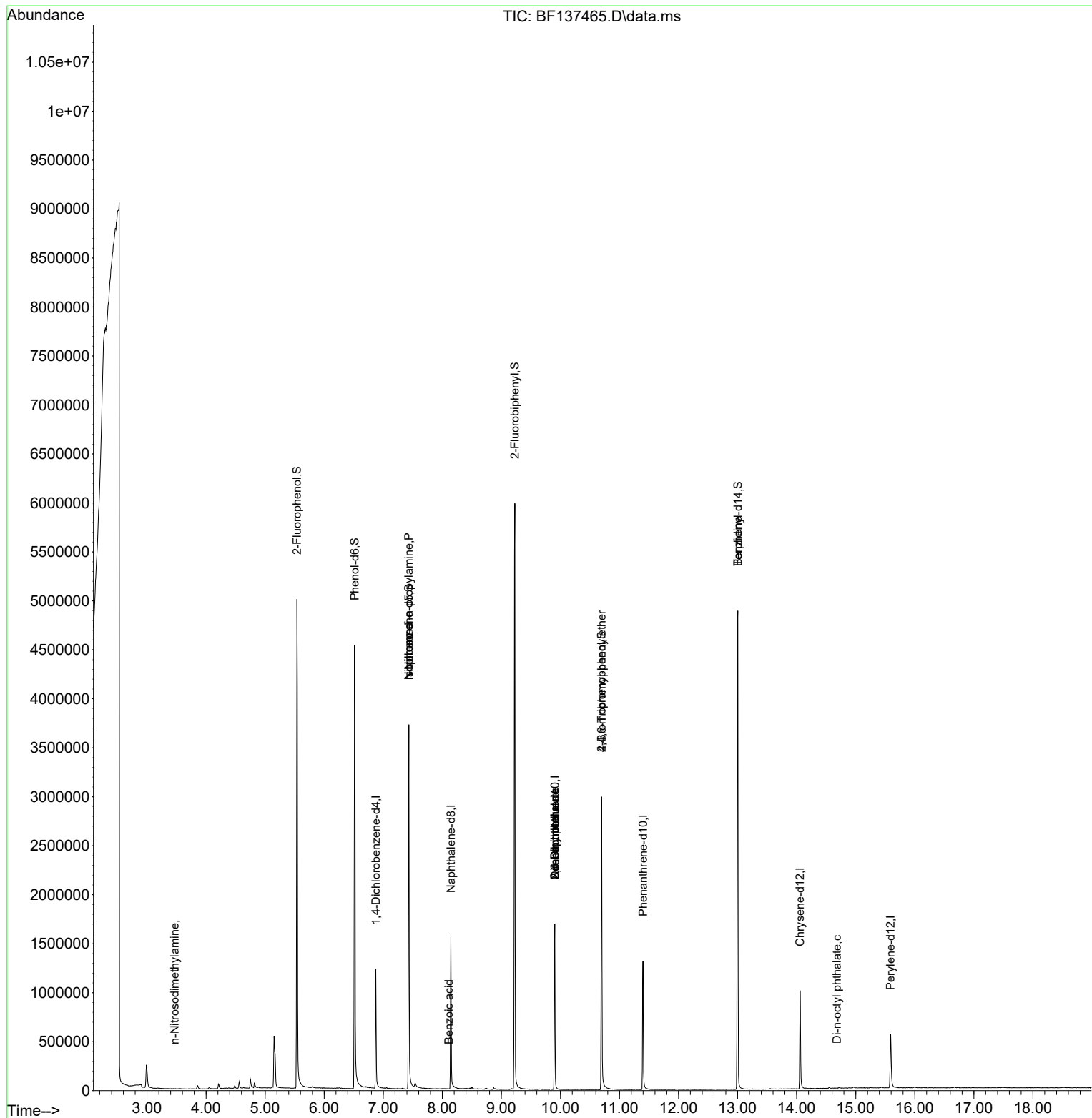
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	170315	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	663601	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	341360	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	502577	20.000	ng	0.00
76) Chrysene-d12	14.057	240	358673	20.000	ng	-0.01
86) Perylene-d12	15.592	264	271995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1436326	127.726	ng	0.00
7) Phenol-d6	6.516	99	1796147	110.653	ng	-0.01
23) Nitrobenzene-d5	7.434	82	1224671	85.749	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	355958	118.742	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1969133	90.298	ng	0.00
79) Terphenyl-d14	13.004	244	1852035	71.005	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.469	42	835	3.936	ng	# 1
19) n-Nitroso-di-n-propyla...	7.434	70	162003	16.162	ng	# 80
25) Isophorone	7.434	82	1224671	45.135	ng	# 69
32) Benzoic acid	8.110	122	249	6.334	ng	96
50) Dimethylphthalate	9.904	163	54735	2.303	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	44312	8.916	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	44312	7.257	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	24337	4.446	ng	# 1
77) Benzidine	13.004	184	22722	2.589	ng	# 92
85) Di-n-octyl phthalate	14.680	149	625	5.632	ng	# 1

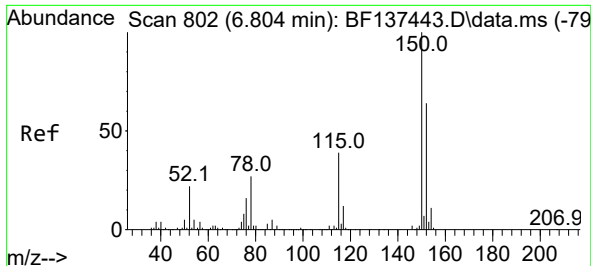
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
Data File : BF137465.D
Acq On : 01 Mar 2024 18:14
Operator : CG\JU
Sample : P1602-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Time: Mar 01 23:12:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 12:53:33 2024
Response via : Initial Calibration

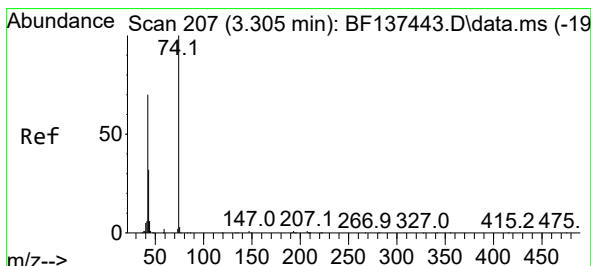
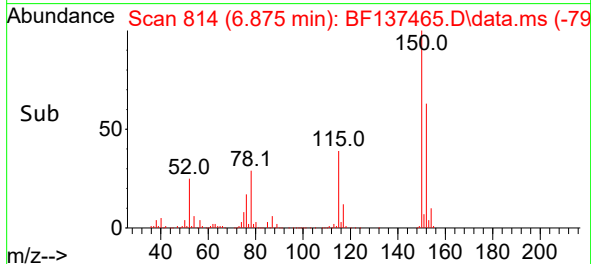
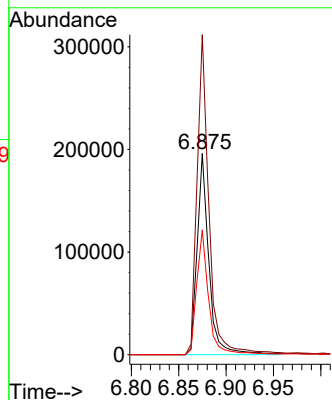
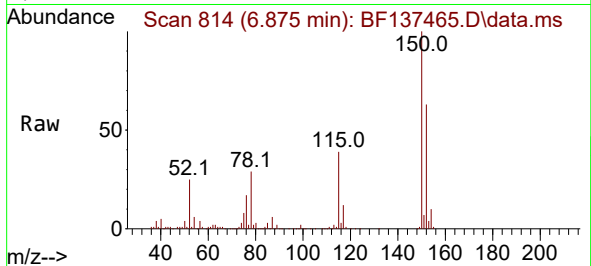




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

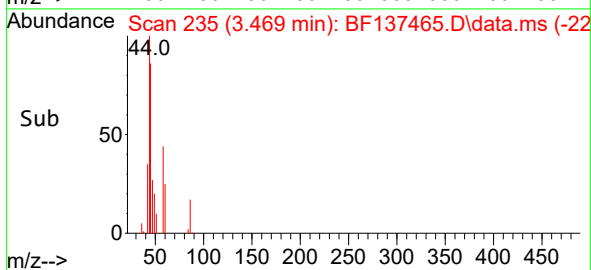
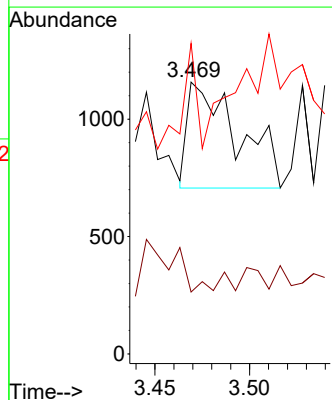
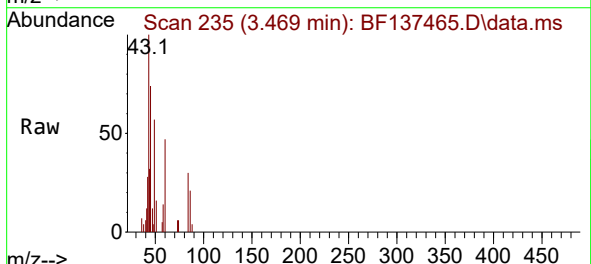
Instrument :
BNA_F
ClientSampleId :
WC-4

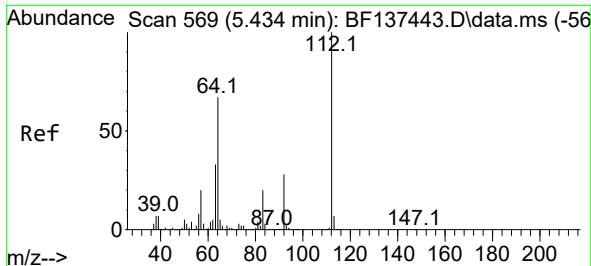
Tgt Ion:152 Resp: 170315
Ion Ratio Lower Upper
152 100
150 159.1 125.8 188.6
115 62.0 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.936 ng
RT: 3.469 min Scan# 235
Delta R.T. -0.029 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

Tgt Ion: 42 Resp: 835
Ion Ratio Lower Upper
42 100
74 22.8 114.0 171.0#
44 114.2 7.0 10.4#

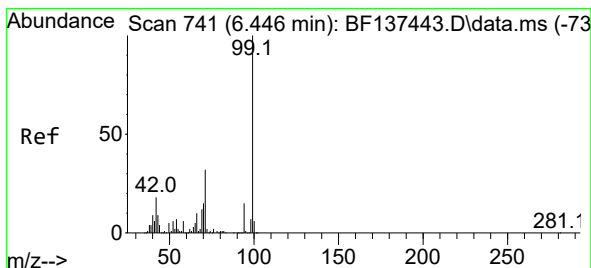
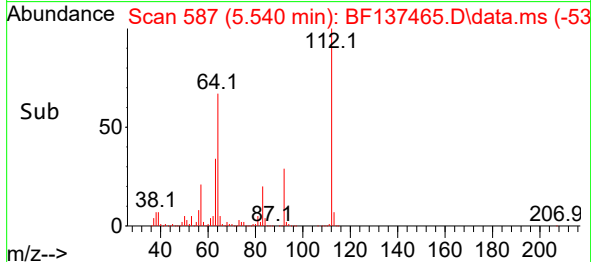
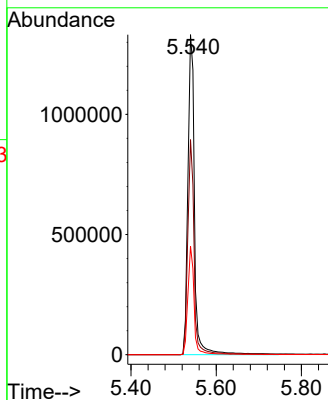
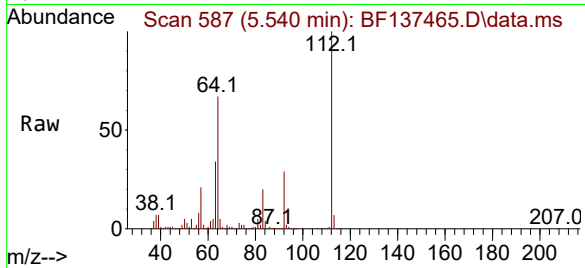




#5
2-Fluorophenol
Concen: 127.726 ng
RT: 5.540 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

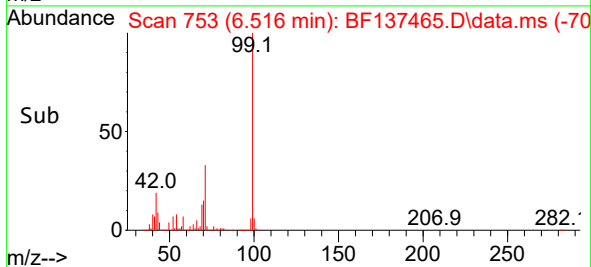
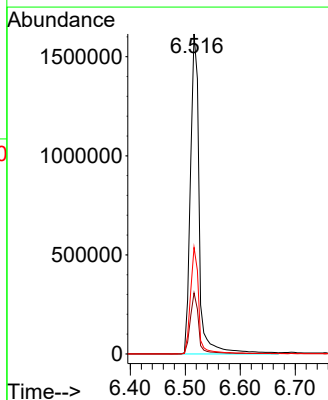
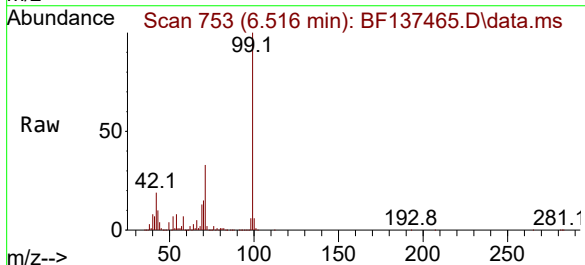
Instrument :
BNA_F
ClientSampleId :
WC-4

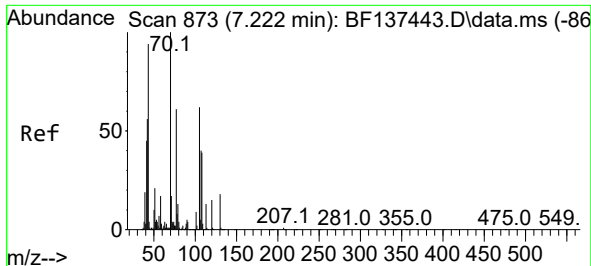
Tgt Ion:112 Resp: 1436326
Ion Ratio Lower Upper
112 100
64 67.2 53.4 80.2
63 33.9 26.2 39.2



#7
Phenol-d6
Concen: 110.653 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

Tgt Ion: 99 Resp: 1796147
Ion Ratio Lower Upper
99 100
42 19.1 14.6 21.8
71 33.3 25.3 37.9





#19

n-Nitroso-di-n-propylamine

Concen: 16.162 ng

RT: 7.434 min Scan# 90

Delta R.T. 0.135 min

Lab File: BF137465.D

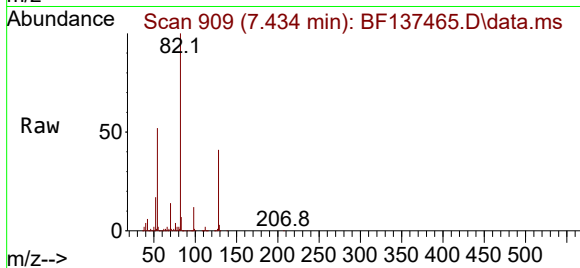
Acq: 01 Mar 2024 18:14

Instrument :

BNA_F

ClientSampleId :

WC-4



Tgt Ion: 70 Resp: 162003

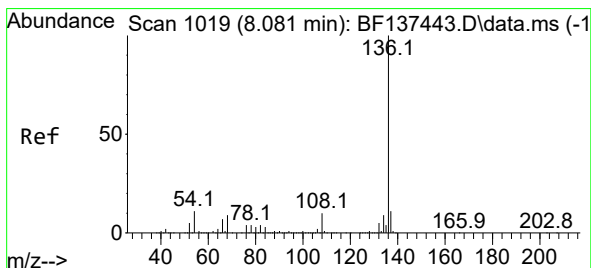
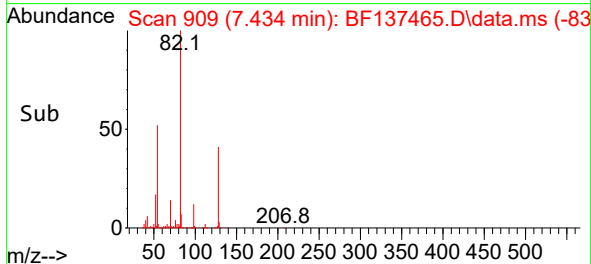
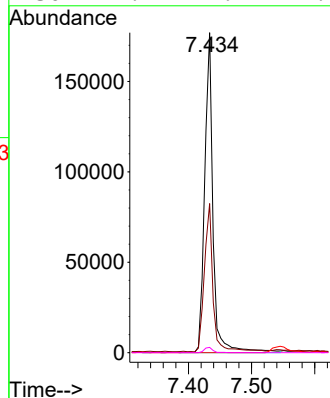
Ion Ratio Lower Upper

70 100

42 46.6 45.2 67.8

101 0.0 7.3 10.9#

130 1.7 14.7 22.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BF137465.D

Acq: 01 Mar 2024 18:14

Tgt Ion:136 Resp: 663601

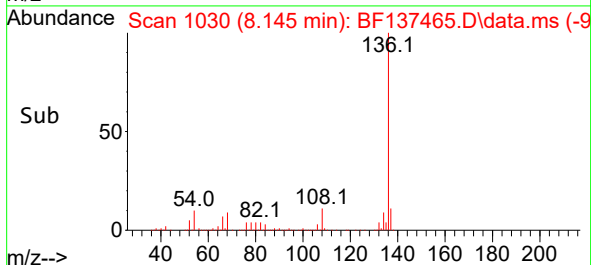
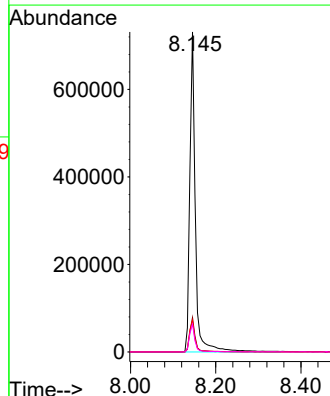
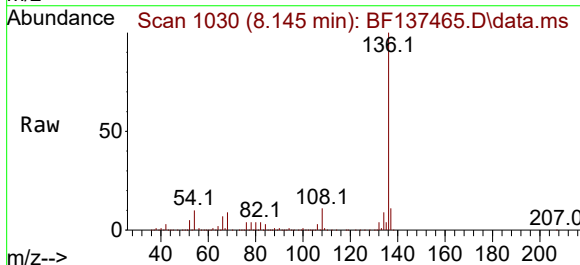
Ion Ratio Lower Upper

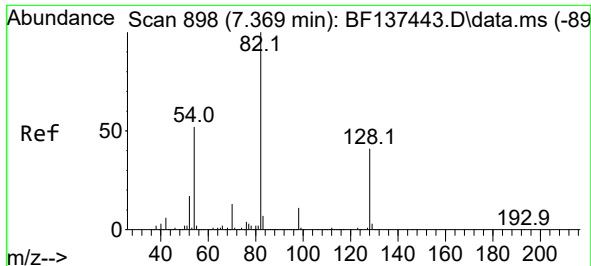
136 100

137 10.8 9.1 13.7

54 10.0 8.5 12.7

68 8.7 7.4 11.2





#23

Nitrobenzene-d5

Concen: 85.749 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF137465.D

Acq: 01 Mar 2024 18:14

Instrument :

BNA_F

ClientSampleId :

WC-4

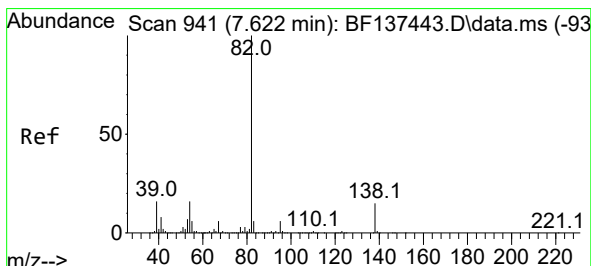
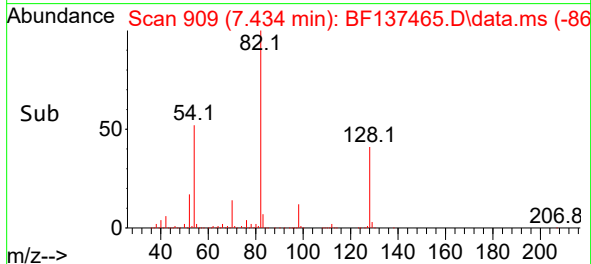
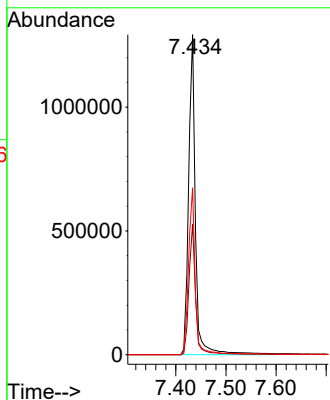
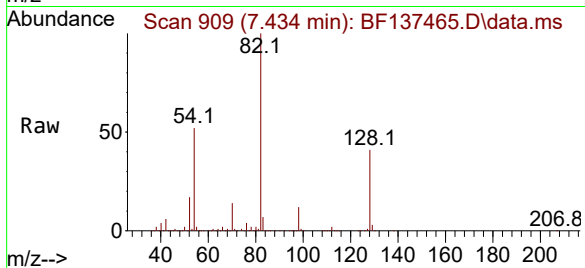
Tgt Ion: 82 Resp: 1224671

Ion Ratio Lower Upper

82 100

128 40.9 32.5 48.7

54 52.1 41.5 62.3



#25

Isophorone

Concen: 45.135 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF137465.D

Acq: 01 Mar 2024 18:14

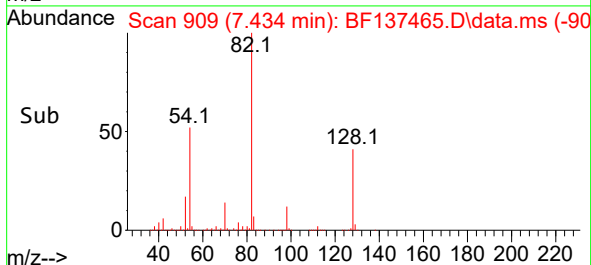
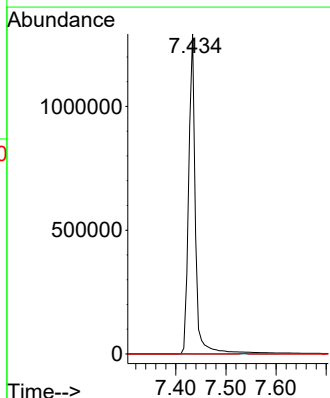
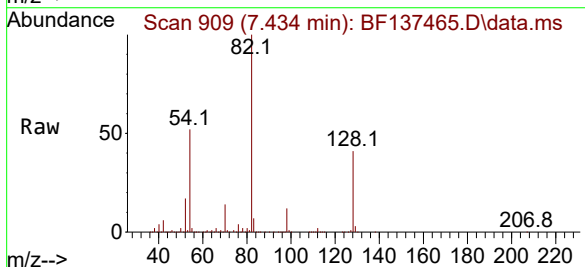
Tgt Ion: 82 Resp: 1224671

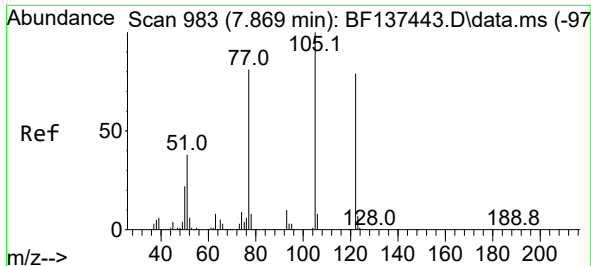
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

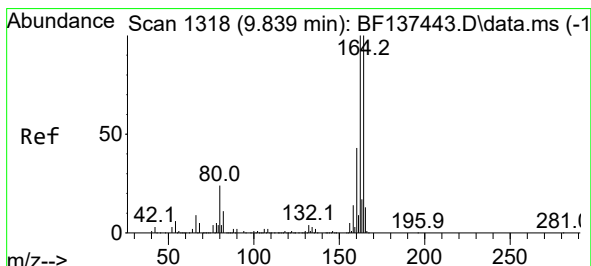
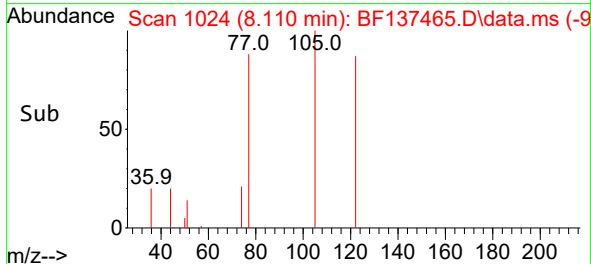
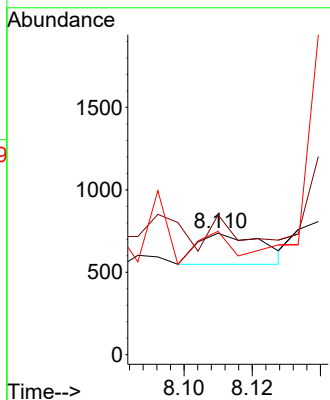
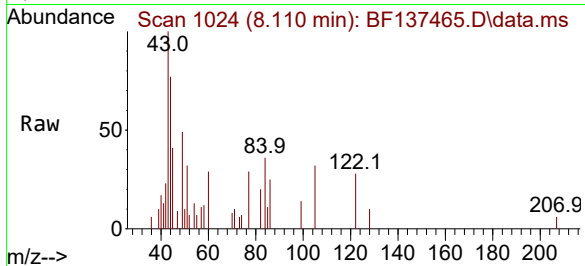




#32
Benzoic acid
Concen: 6.334 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.165 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

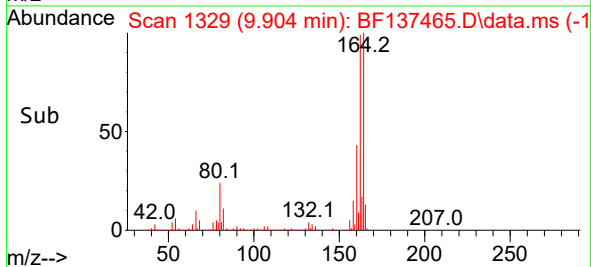
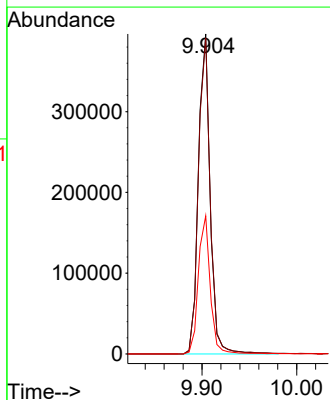
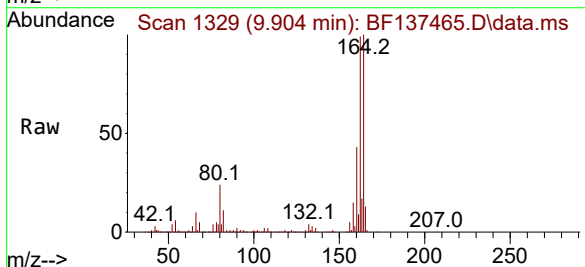
Instrument :
BNA_F
ClientSampleId :
WC-4

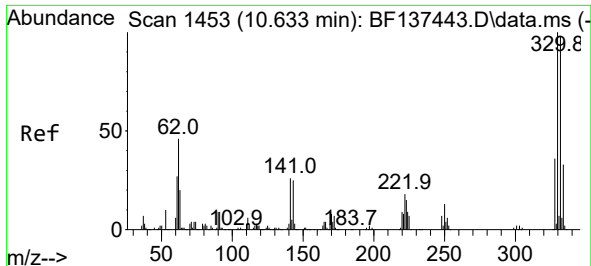
Tgt Ion:122 Resp: 249
Ion Ratio Lower Upper
122 100
105 115.1 102.4 142.4
77 101.5 81.1 121.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

Tgt Ion:164 Resp: 341360
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 43.1 34.4 51.6

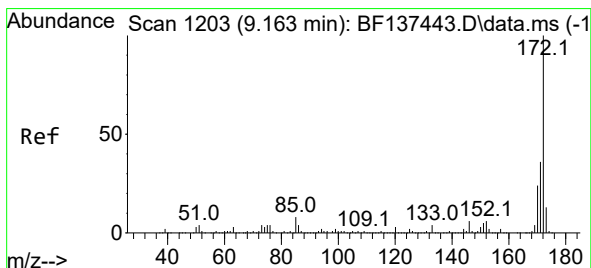
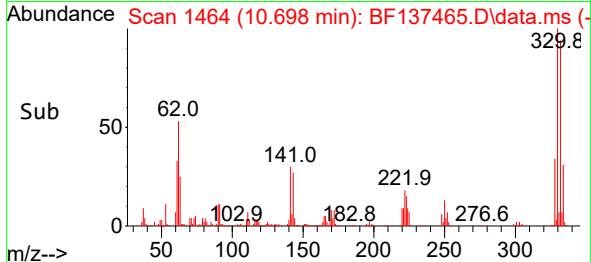
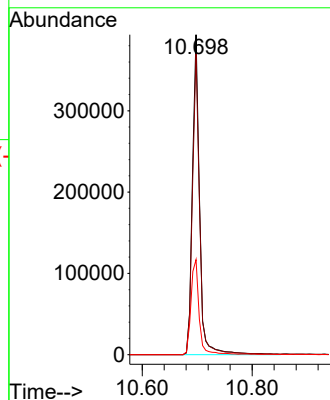
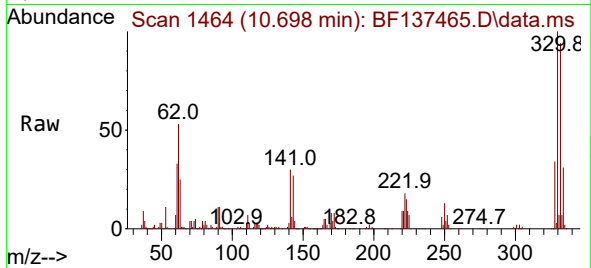




#42
2,4,6-Tribromophenol
Concen: 118.742 ng
RT: 10.698 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

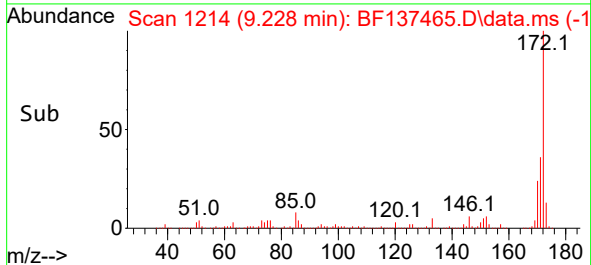
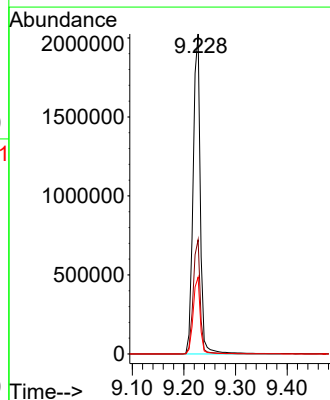
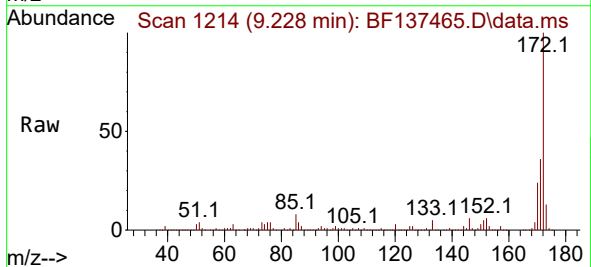
Instrument :
BNA_F
ClientSampleId :
WC-4

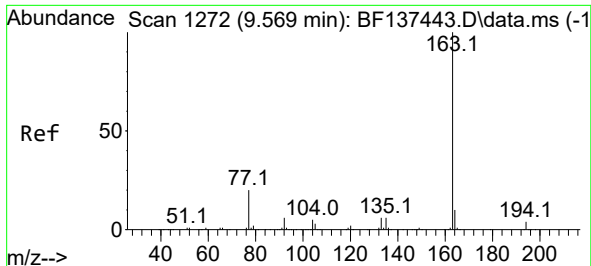
Tgt Ion:330 Resp: 355958
Ion Ratio Lower Upper
330 100
332 93.8 78.0 117.0
141 33.7 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 90.298 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

Tgt Ion:172 Resp: 1969133
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.0 19.0 28.6

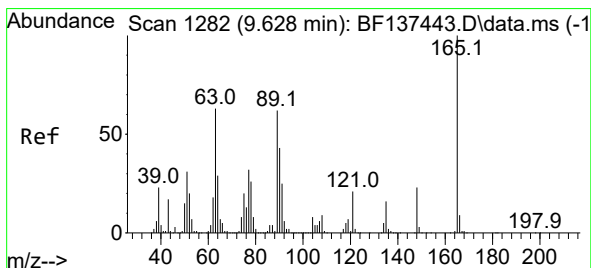
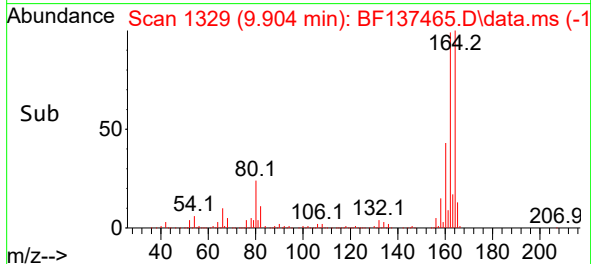
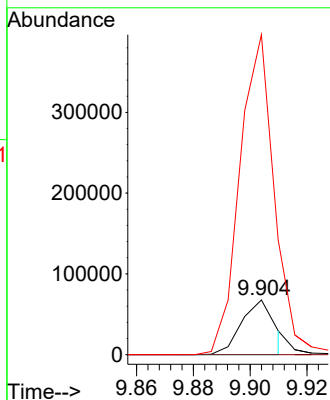
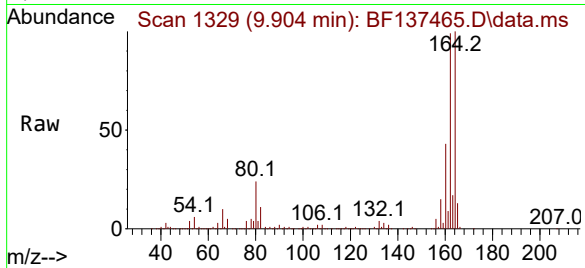




#50
Dimethylphthalate
Concen: 2.303 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.259 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

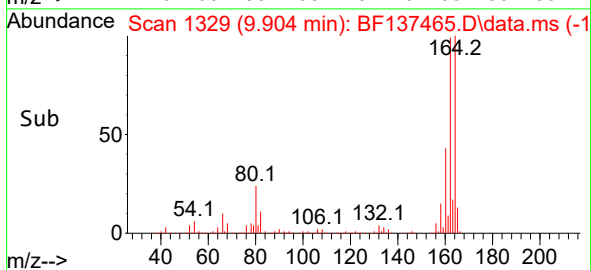
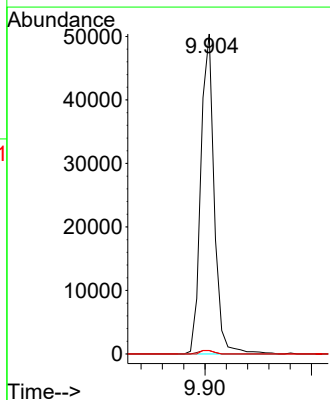
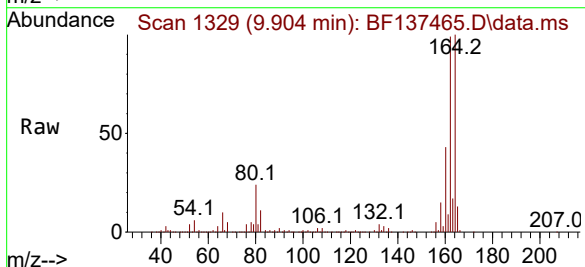
Instrument :
BNA_F
ClientSampleId :
WC-4

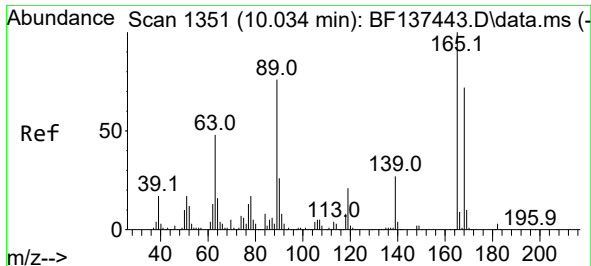
Tgt Ion:163 Resp: 54735
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 584.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.916 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.200 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

Tgt Ion:165 Resp: 44312
Ion Ratio Lower Upper
165 100
63 1.0 50.7 76.1#
89 1.1 50.0 75.0#

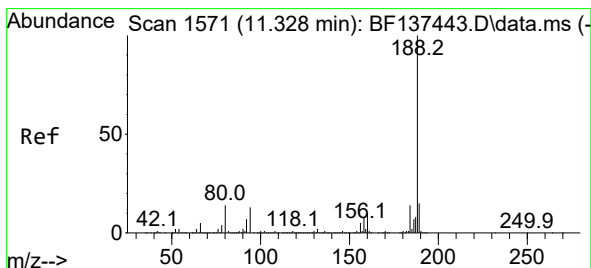
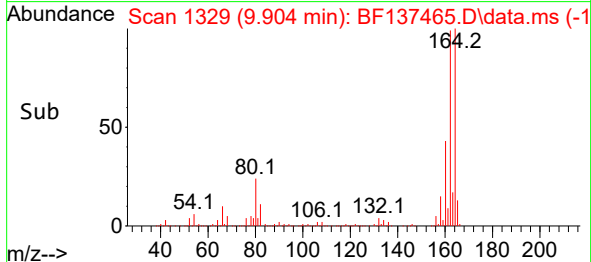
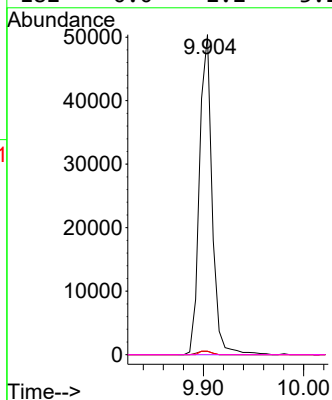
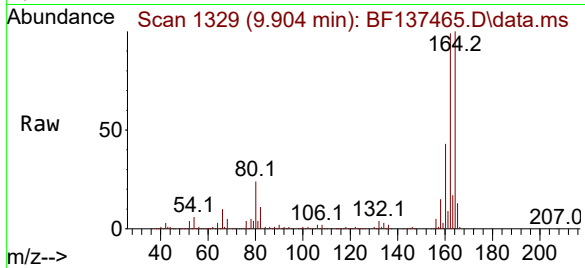




#57
2,4-Dinitrotoluene
Concen: 7.257 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

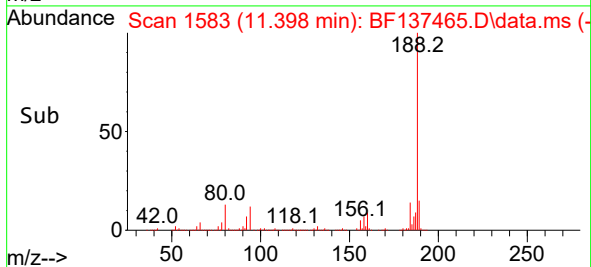
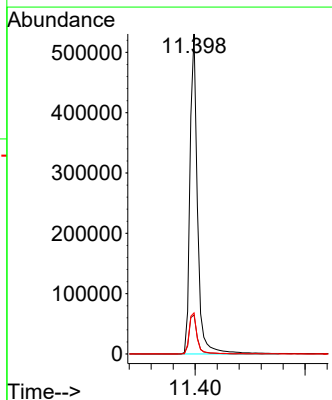
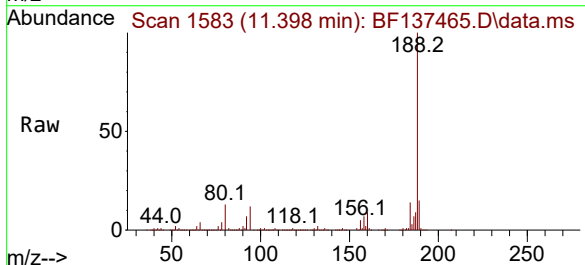
Instrument :
BNA_F
ClientSampleId :
WC-4

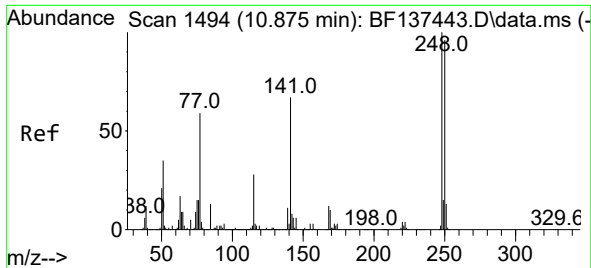
Tgt Ion:165 Resp: 44312
Ion Ratio Lower Upper
165 100
63 1.0 39.0 58.6#
89 1.1 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

Tgt Ion:188 Resp: 502577
Ion Ratio Lower Upper
188 100
94 12.2 10.6 15.8
80 12.8 11.5 17.3

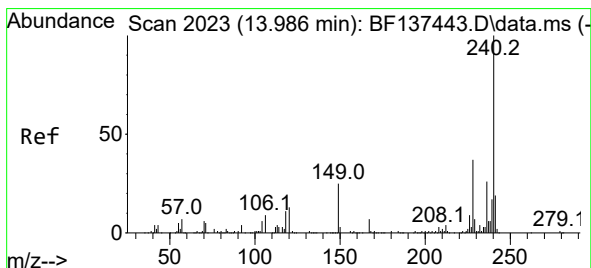
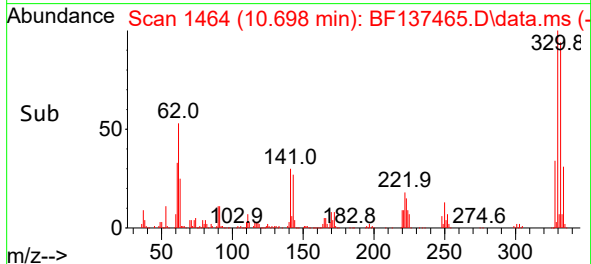
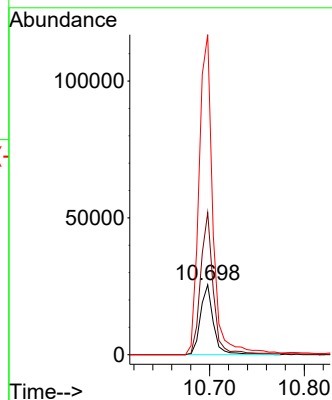
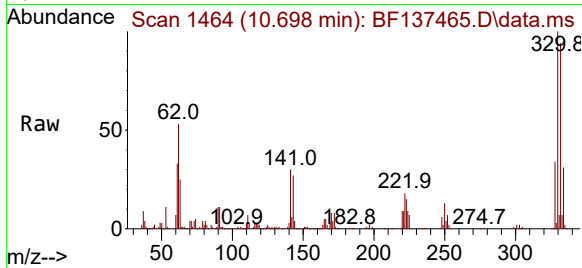




#67
4-Bromophenyl-phenylether
Concen: 4.446 ng
RT: 10.698 min Scan# 1414
Delta R.T. -0.253 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

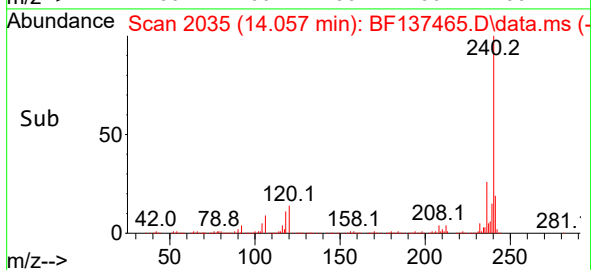
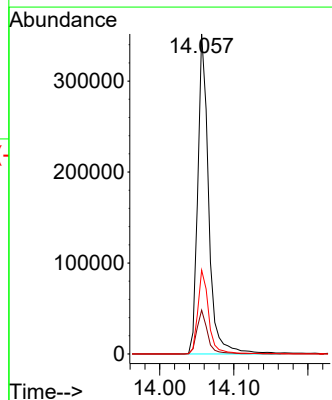
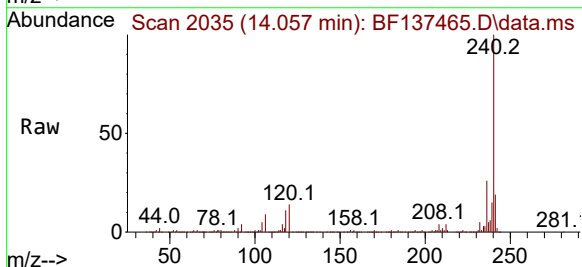
Instrument :
BNA_F
ClientSampleId :
WC-4

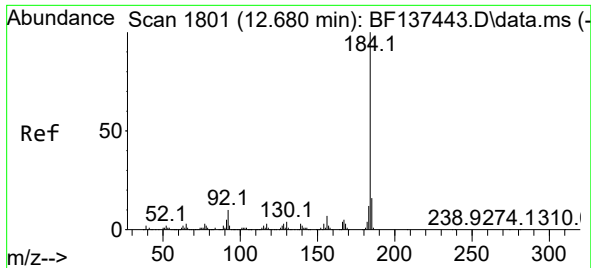
Tgt Ion:248 Resp: 24337
Ion Ratio Lower Upper
248 100
250 203.0 76.8 115.2#
141 457.5 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

Tgt Ion:240 Resp: 358673
Ion Ratio Lower Upper
240 100
120 13.7 10.4 15.6
236 26.2 20.9 31.3

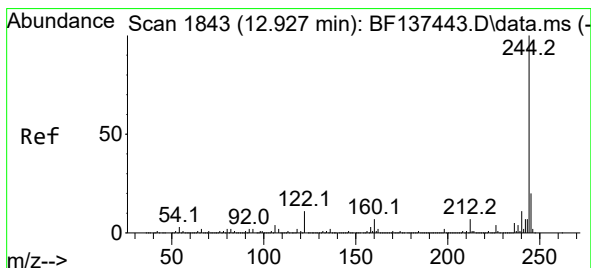
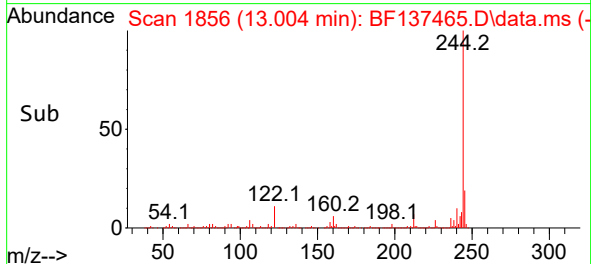
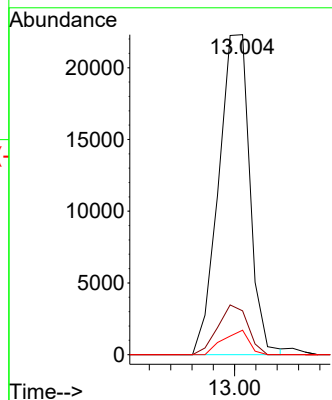
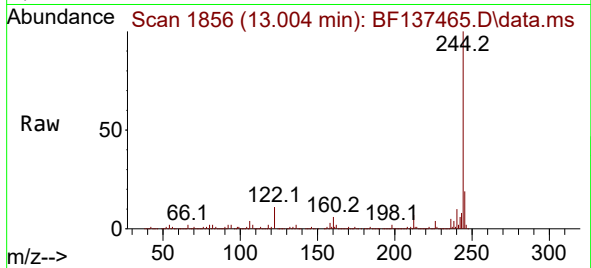




#77
Benzidine
Concen: 2.589 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.247 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

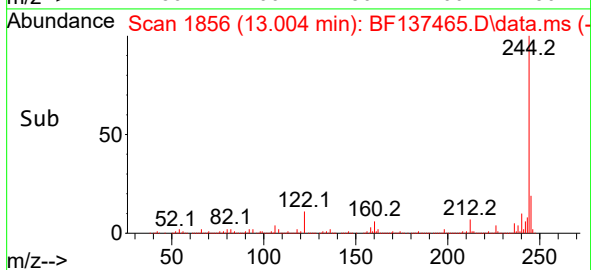
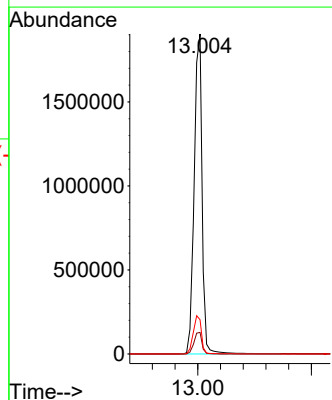
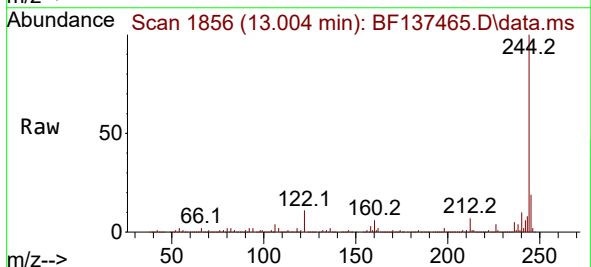
Instrument :
BNA_F
ClientSampleId :
WC-4

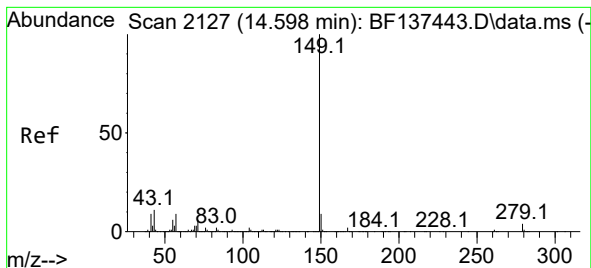
Tgt Ion:184 Resp: 22722
Ion Ratio Lower Upper
184 100
185 13.7 13.2 19.8
183 7.6 9.3 13.9#



#79
Terphenyl-d14
Concen: 71.005 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

Tgt Ion:244 Resp: 1852035
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.7 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.632 ng

RT: 14.680 min Scan# 2141

Delta R.T. -0.006 min

Lab File: BF137465.D

Acq: 01 Mar 2024 18:14

Instrument :

BNA_F

ClientSampleId :

WC-4

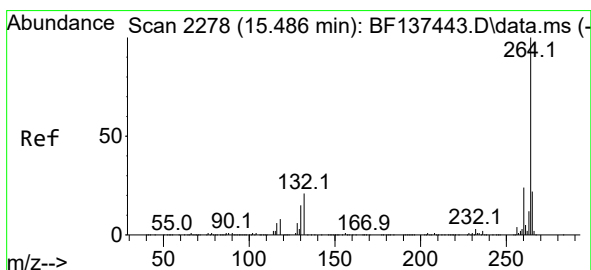
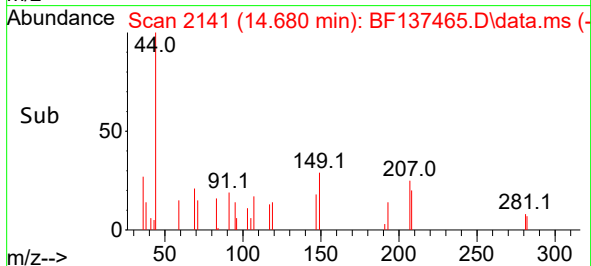
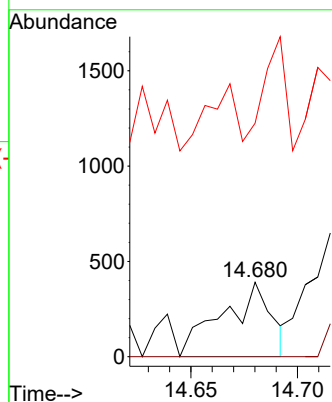
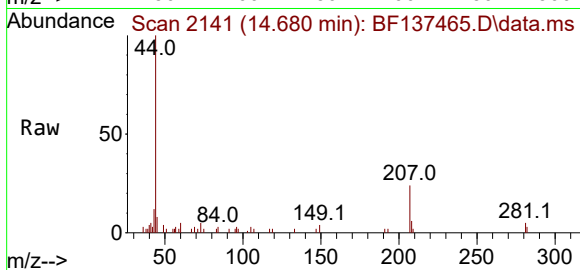
Tgt Ion:149 Resp: 625

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 68.3 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2296

Delta R.T. -0.006 min

Lab File: BF137465.D

Acq: 01 Mar 2024 18:14

Tgt Ion:264 Resp: 271995

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 23.3 17.4 26.0

