

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137585.D
 Acq On : 13 Mar 2024 19:37
 Operator : CG\JU
 Sample : P1733-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Mar 14 04:00:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

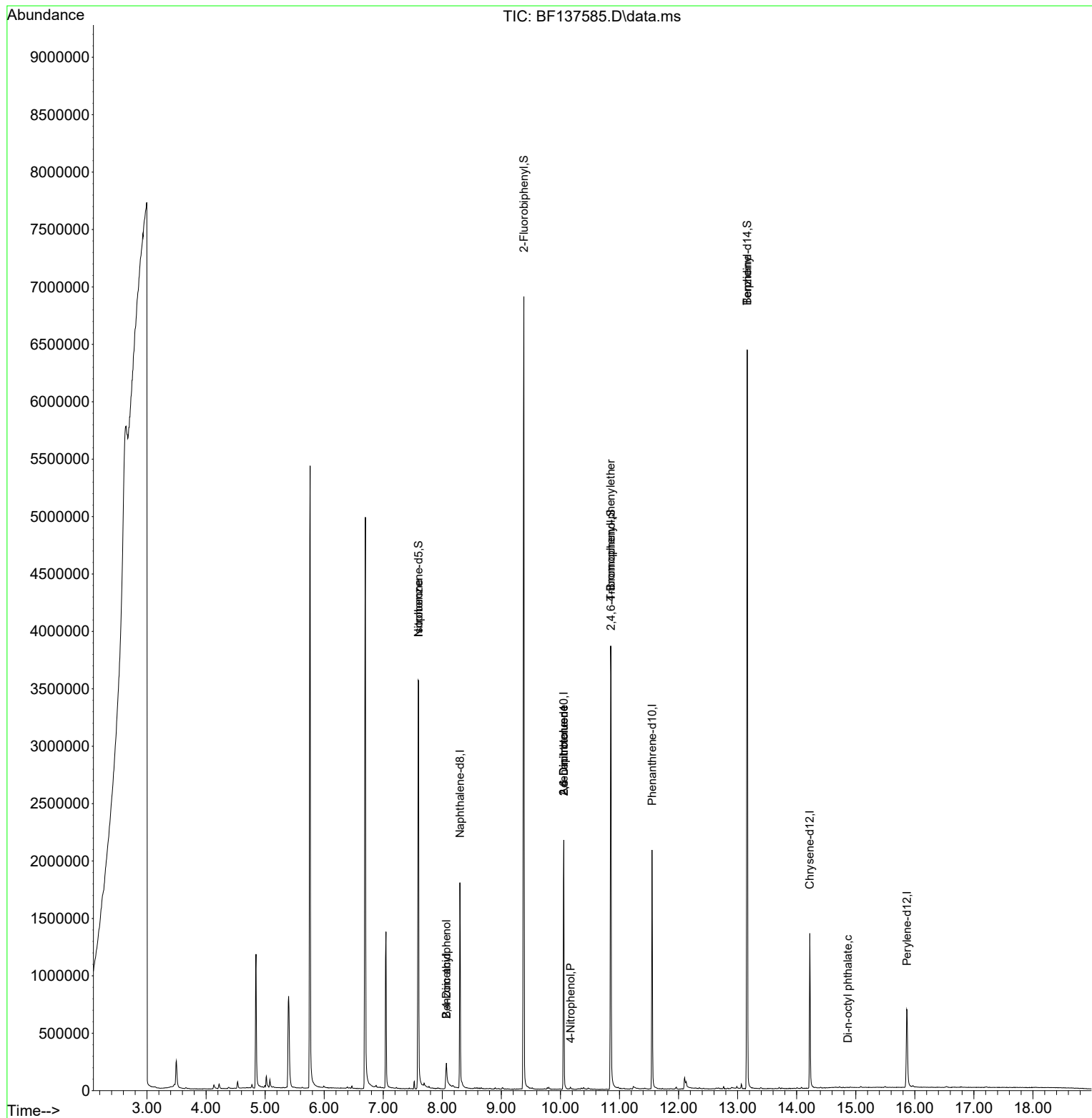
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.90
21) Naphthalene-d8	8.298	136	821504	20.000	ng	0.12
39) Acenaphthene-d10	10.057	164	458734	20.000	ng	0.12
64) Phenanthrene-d10	11.551	188	747964	20.000	ng	0.12
76) Chrysene-d12	14.221	240	453693	20.000	ng	0.12
86) Perylene-d12	15.868	264	401580	20.000	ng	0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.763	112	1575858	0.000	ng	0.19
7) Phenol-d6	6.698	99	2031580	0.000	ng	0.14
23) Nitrobenzene-d5	7.598	82	1478269	83.611	ng	0.13
42) 2,4,6-Tribromophenol	10.857	330	548667	136.197	ng	0.12
45) 2-Fluorobiphenyl	9.381	172	2339903	79.846	ng	0.12
79) Terphenyl-d14	13.163	244	2479768	75.160	ng	0.12
Target Compounds						
					Qvalue	
25) Isophorone	7.598	82	1478269	44.010	ng	# 69
27) 2,4-Dimethylphenol	8.069	122	108851	8.262	ng	# 5
32) Benzoic acid	8.069	122	109667	18.855	ng	97
51) 2,6-Dinitrotoluene	10.057	165	58382	8.741	ng	# 20
56) 4-Nitrophenol	10.175	139	55	4.537	ng	# 1
57) 2,4-Dinitrotoluene	10.057	165	58382	7.115	ng	# 21
67) 4-Bromophenyl-phenylether	10.851	248	34797	4.271	ng	# 1
77) Benzidine	13.163	184	29083	2.619	ng	# 91
85) Di-n-octyl phthalate	14.868	149	1042	5.640	ng	# 70

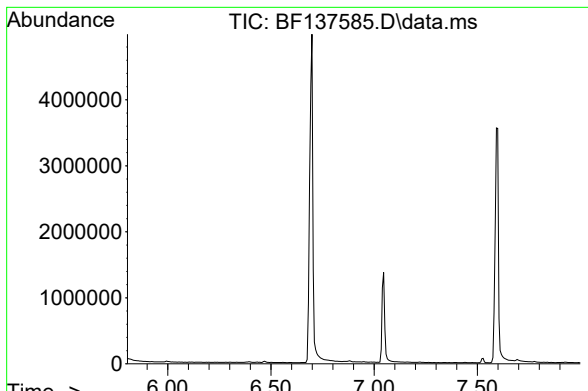
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
Data File : BF137585.D
Acq On : 13 Mar 2024 19:37
Operator : CG\JU
Sample : P1733-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Time: Mar 14 04:00:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 12 02:00:03 2024
Response via : Initial Calibration



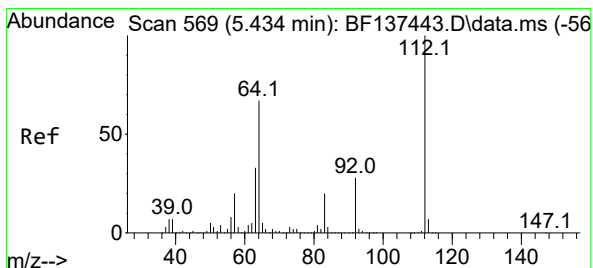
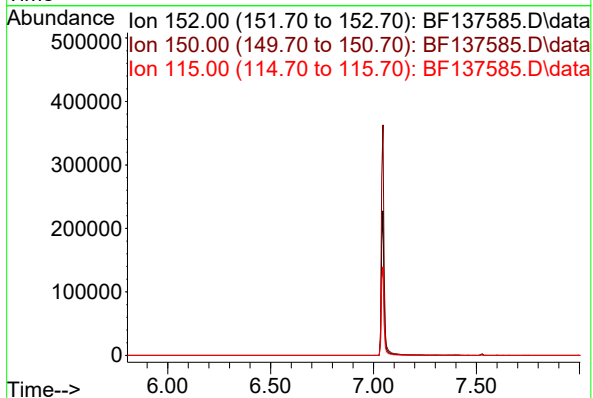


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.90 min
 Lab File: BF137585.D
 Acq: 13 Mar 2024 19:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion: 152

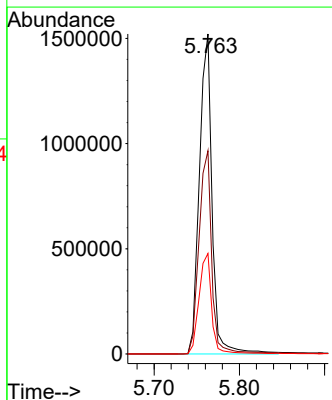
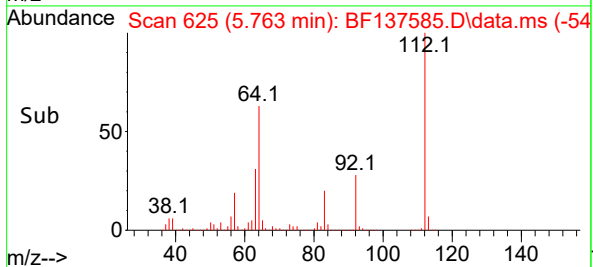
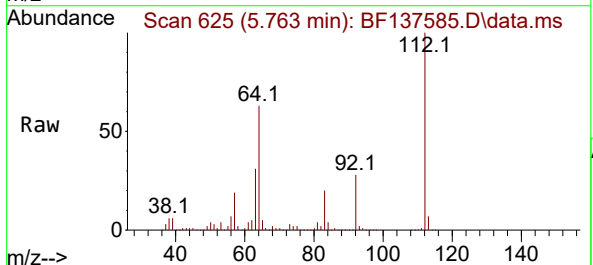
Sig	Exp Ratio
152	100
150	157.2
115	61.0

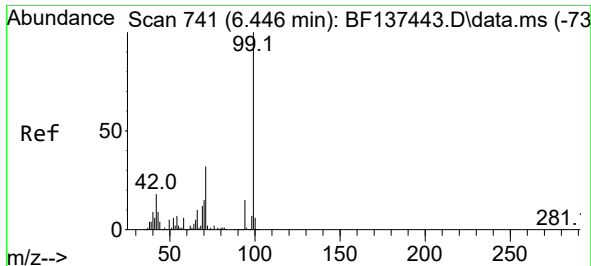


#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.763 min Scan# 625
 Delta R.T. 0.194 min
 Lab File: BF137585.D
 Acq: 13 Mar 2024 19:37

Tgt Ion: 112 Resp: 1575858

Ion	Ratio	Lower	Upper
112	100		
64	63.5	53.4	80.2
63	31.4	26.2	39.2

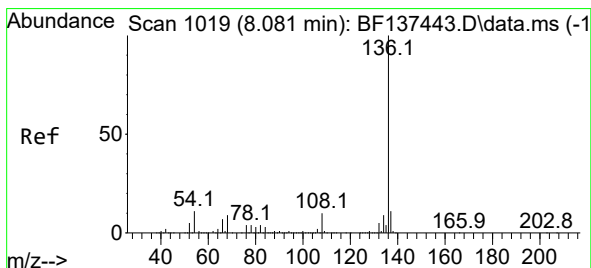
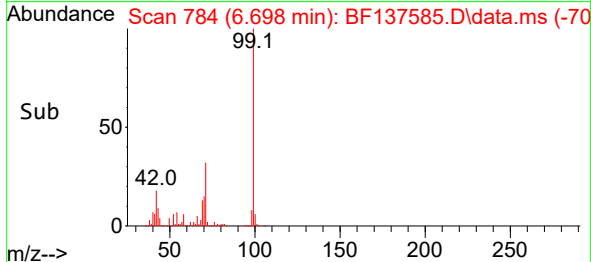
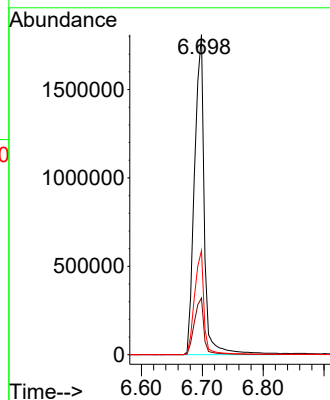
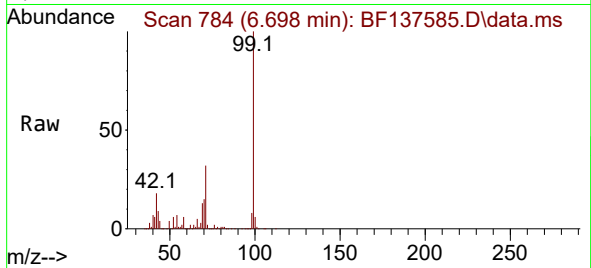




#7
Phenol-d6
Concen: 0.000 ng
RT: 6.698 min Scan# 71
Delta R.T. 0.141 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37

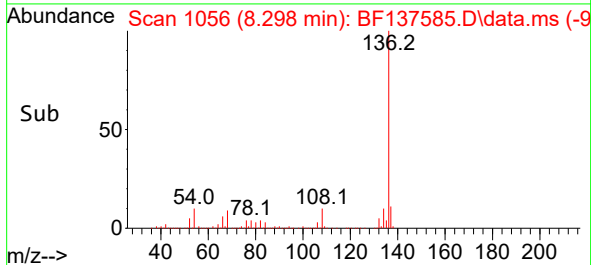
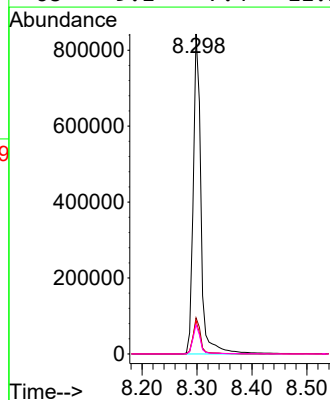
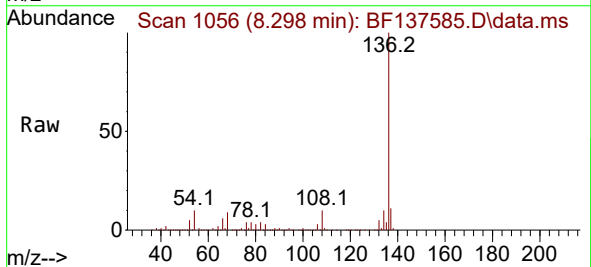
Instrument :
BNA_F
ClientSampleId :
WC-1

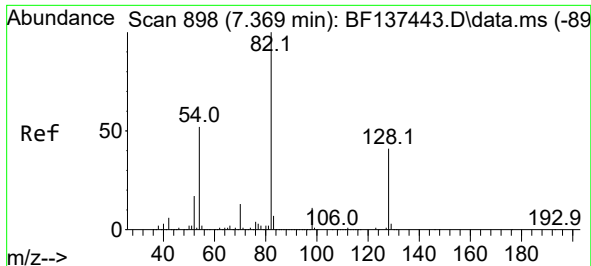
Tgt Ion: 99 Resp: 2031580
Ion Ratio Lower Upper
99 100
42 17.7 14.6 21.8
71 32.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.298 min Scan# 1056
Delta R.T. 0.124 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37

Tgt Ion: 136 Resp: 821504
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.3 8.5 12.7
68 9.1 7.4 11.2





#23

Nitrobenzene-d5

Concen: 83.611 ng

RT: 7.598 min Scan# 91

Delta R.T. 0.129 min

Lab File: BF137585.D

Acq: 13 Mar 2024 19:37

Instrument :

BNA_F

ClientSampleId :

WC-1

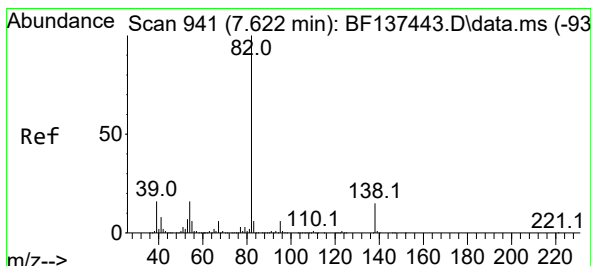
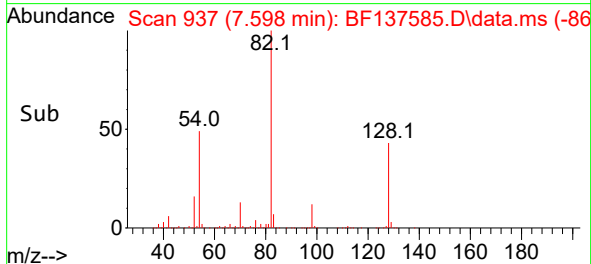
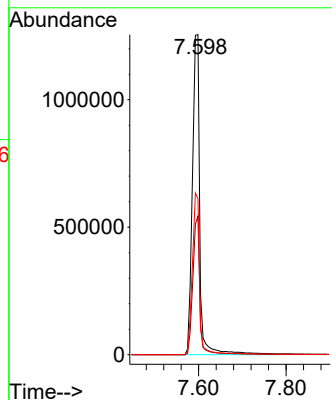
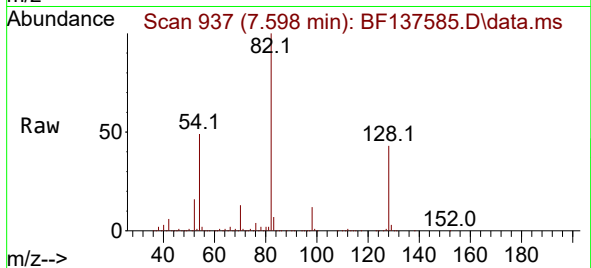
Tgt Ion: 82 Resp: 1478269

Ion Ratio Lower Upper

82 100

128 43.2 32.5 48.7

54 48.7 41.5 62.3



#25

Isophorone

Concen: 44.010 ng

RT: 7.598 min Scan# 937

Delta R.T. -0.124 min

Lab File: BF137585.D

Acq: 13 Mar 2024 19:37

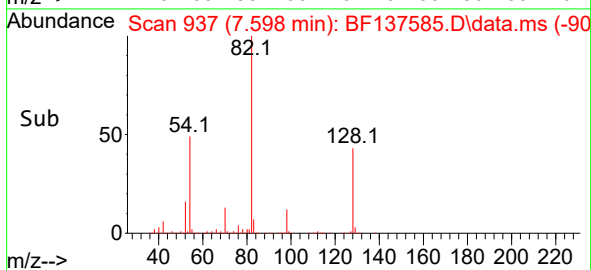
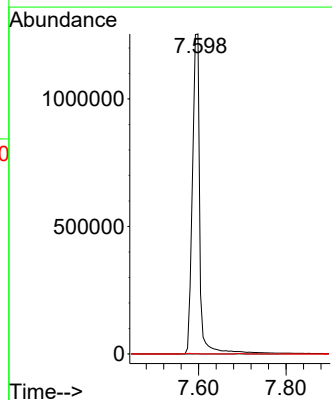
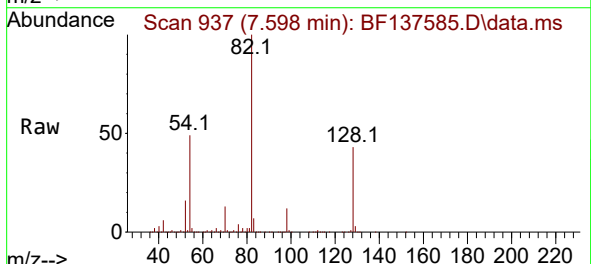
Tgt Ion: 82 Resp: 1478269

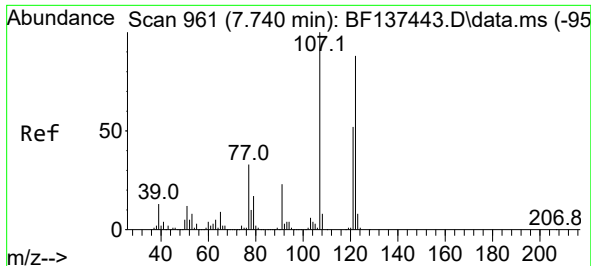
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#





#27

2,4-Dimethylphenol

Concen: 8.262 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.229 min

Lab File: BF137585.D

Acq: 13 Mar 2024 19:37

Instrument :

BNA_F

ClientSampleId :

WC-1

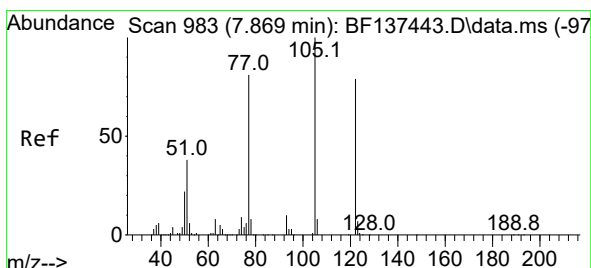
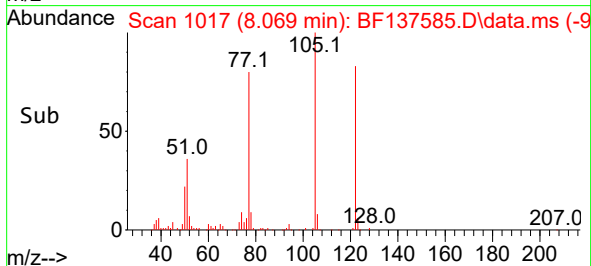
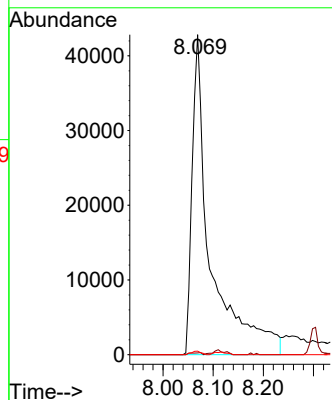
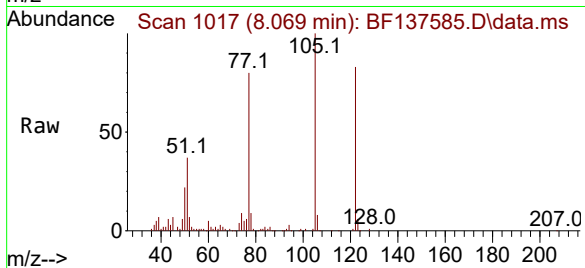
Tgt Ion:122 Resp: 108851

Ion Ratio Lower Upper

122 100

107 0.6 90.9 136.3#

121 1.1 47.0 70.6#



#32

Benzoic acid

Concen: 18.855 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.088 min

Lab File: BF137585.D

Acq: 13 Mar 2024 19:37

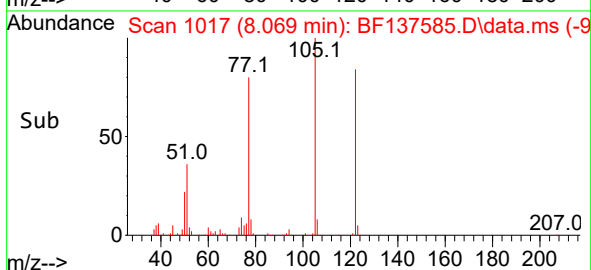
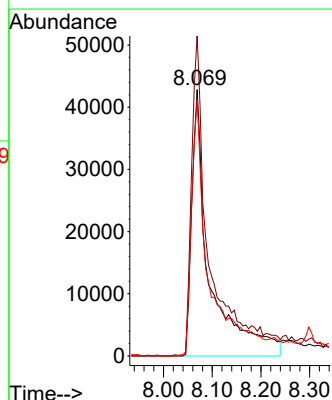
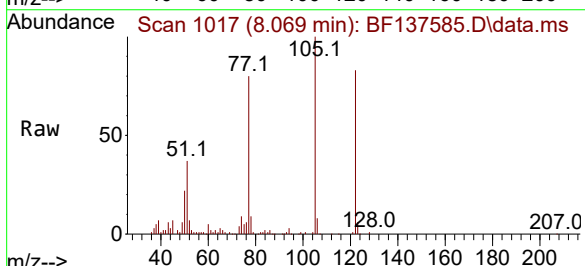
Tgt Ion:122 Resp: 109667

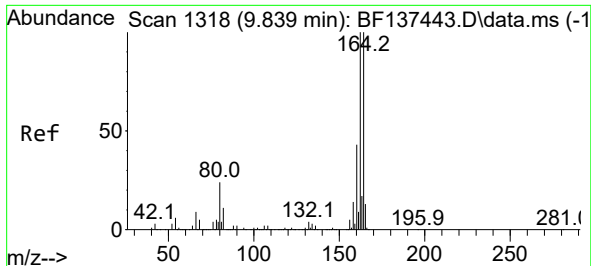
Ion Ratio Lower Upper

122 100

105 120.1 102.4 142.4

77 96.4 81.1 121.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.057 min Scan# 1

Delta R.T. 0.124 min

Lab File: BF137585.D

Acq: 13 Mar 2024 19:37

Instrument :

BNA_F

ClientSampleId :

WC-1

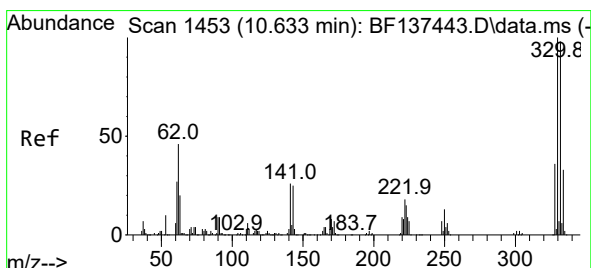
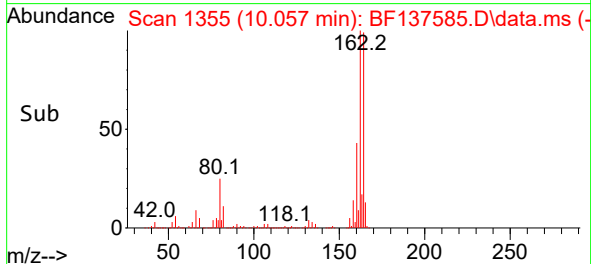
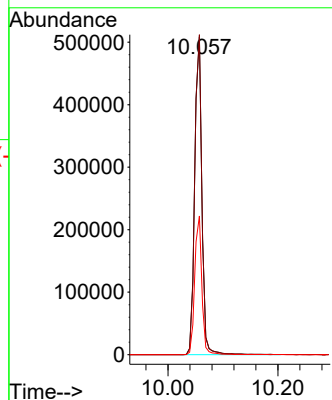
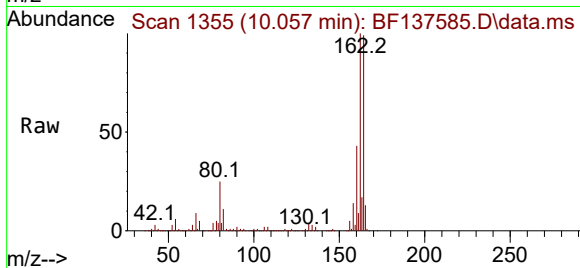
Tgt Ion:164 Resp: 458734

Ion Ratio Lower Upper

164 100

162 100.7 79.8 119.8

160 43.6 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 136.197 ng

RT: 10.857 min Scan# 1491

Delta R.T. 0.124 min

Lab File: BF137585.D

Acq: 13 Mar 2024 19:37

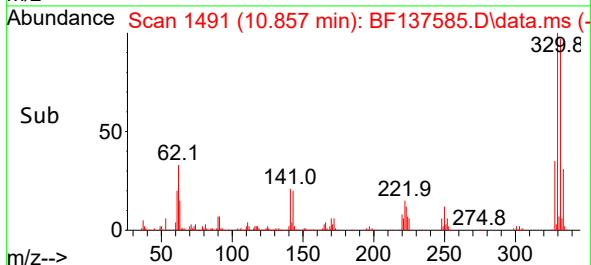
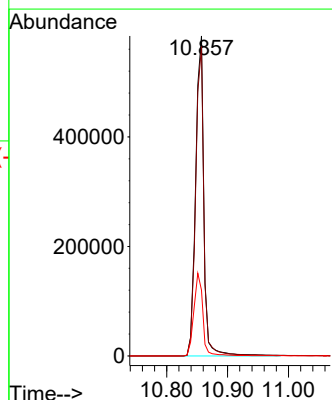
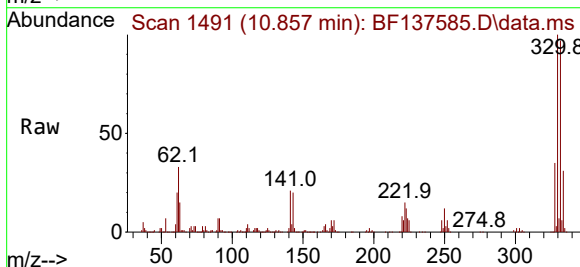
Tgt Ion:330 Resp: 548667

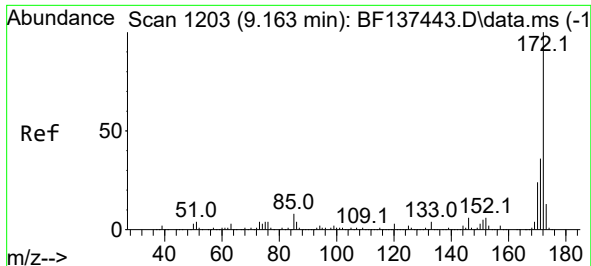
Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 28.3 27.3 40.9

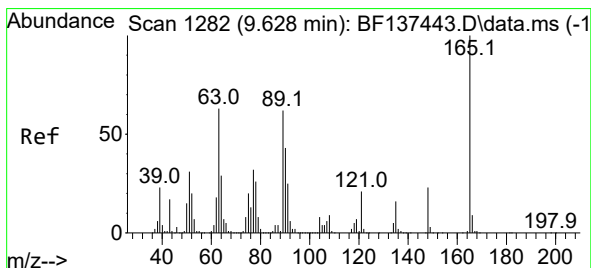
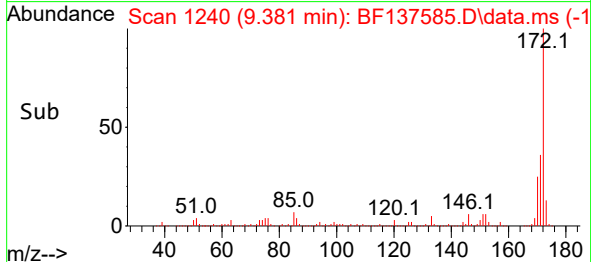
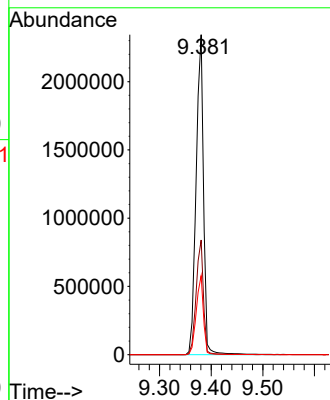
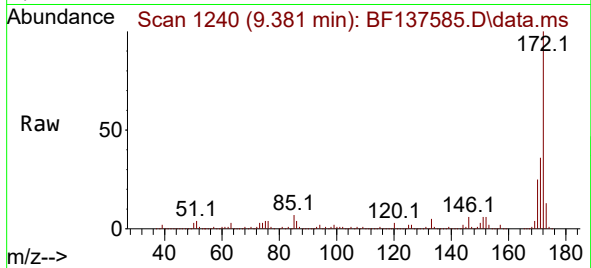




#45
 2-Fluorobiphenyl
 Concen: 79.846 ng
 RT: 9.381 min Scan# 1355
 Delta R.T. 0.124 min
 Lab File: BF137585.D
 Acq: 13 Mar 2024 19:37

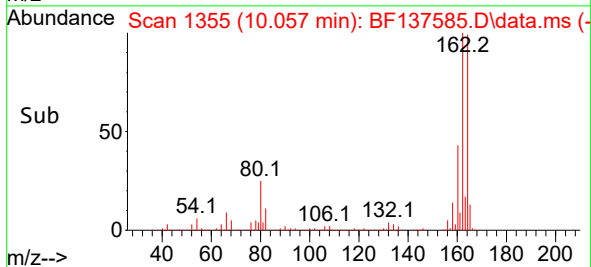
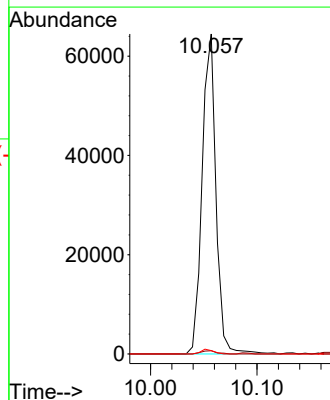
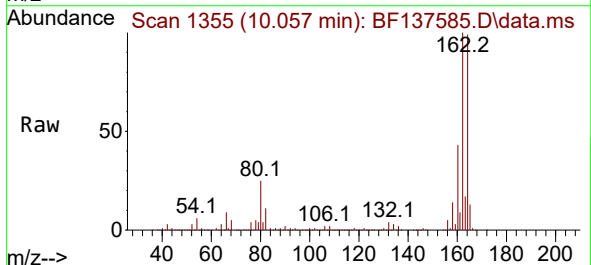
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

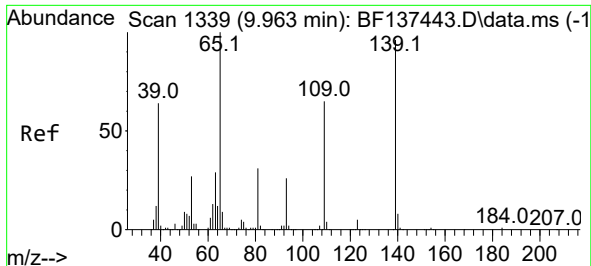
Tgt Ion:172 Resp: 2339903
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 24.7 19.0 28.6



#51
 2,6-Dinitrotoluene
 Concen: 8.741 ng
 RT: 10.057 min Scan# 1355
 Delta R.T. 0.329 min
 Lab File: BF137585.D
 Acq: 13 Mar 2024 19:37

Tgt Ion:165 Resp: 58382
 Ion Ratio Lower Upper
 165 100
 63 1.0 50.7 76.1#
 89 1.1 50.0 75.0#

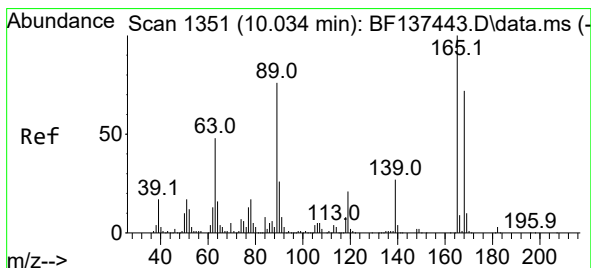
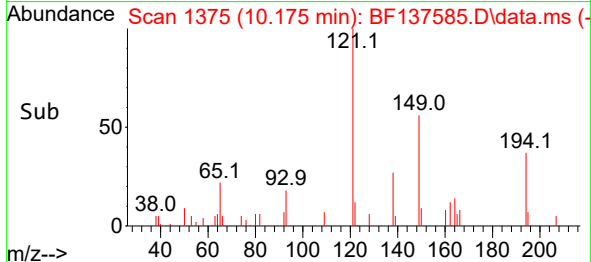
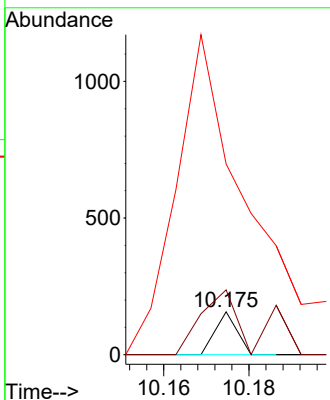
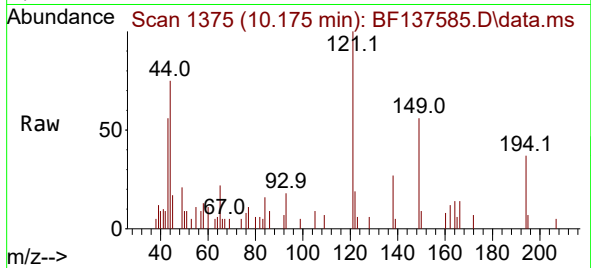




#56
4-Nitrophenol
Concen: 4.537 ng
RT: 10.175 min Scan# 1339
Delta R.T. 0.112 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37

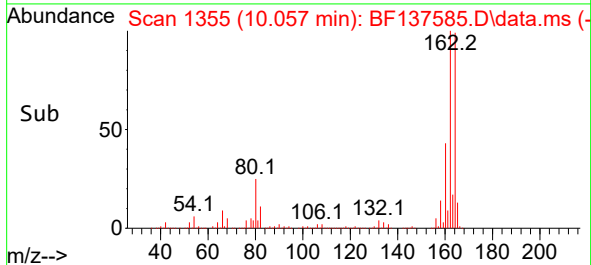
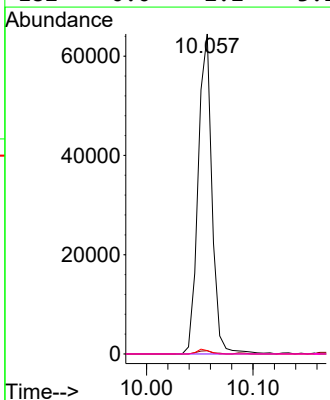
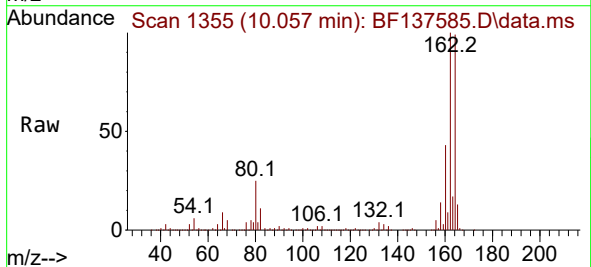
Instrument :
BNA_F
ClientSampleId :
WC-1

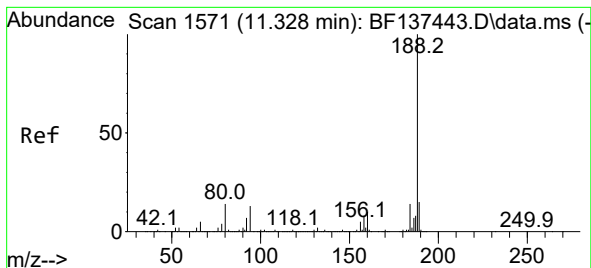
Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 151.0 47.1 87.1#
65 444.6 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.115 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.076 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37

Tgt Ion:165 Resp: 58382
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: 11.551 min Scan# 1

Delta R.T. 0.118 min

Lab File: BF137585.D

Acq: 13 Mar 2024 19:37

Instrument :

BNA_F

ClientSampleId :

WC-1

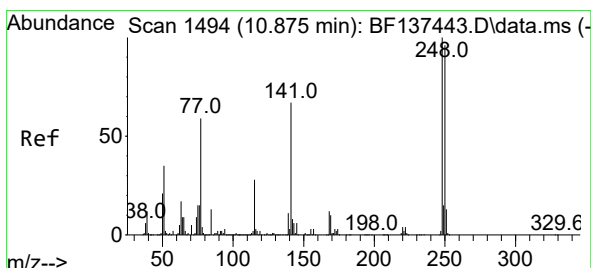
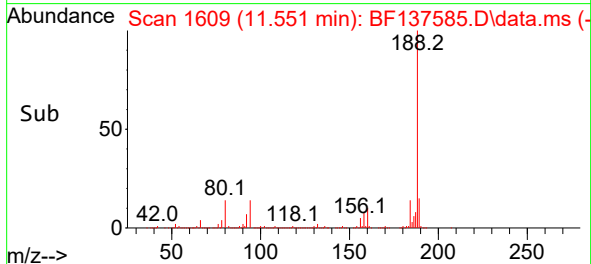
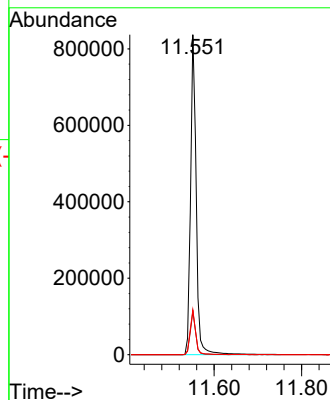
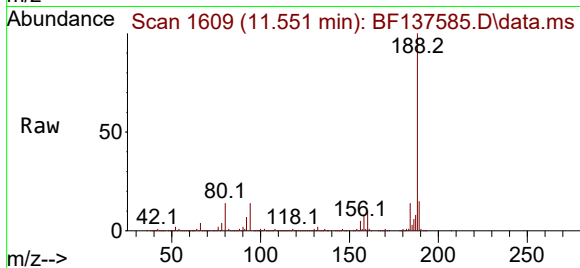
Tgt Ion:188 Resp: 747964

Ion Ratio Lower Upper

188 100

94 13.6 10.6 15.8

80 14.0 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 4.271 ng

RT: 10.851 min Scan# 1490

Delta R.T. -0.123 min

Lab File: BF137585.D

Acq: 13 Mar 2024 19:37

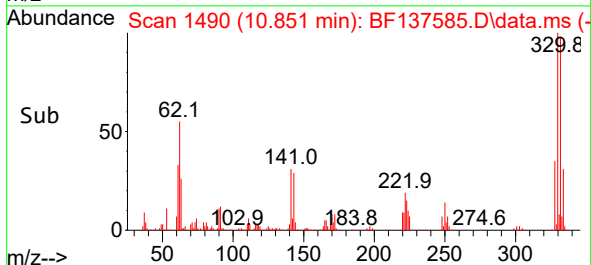
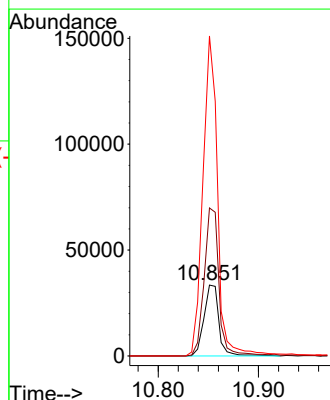
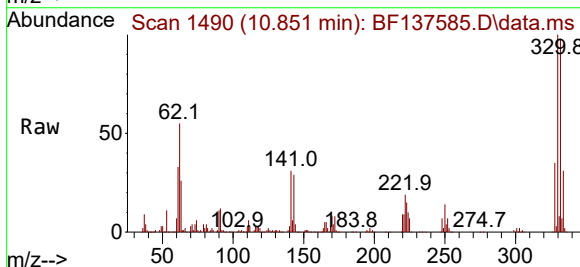
Tgt Ion:248 Resp: 34797

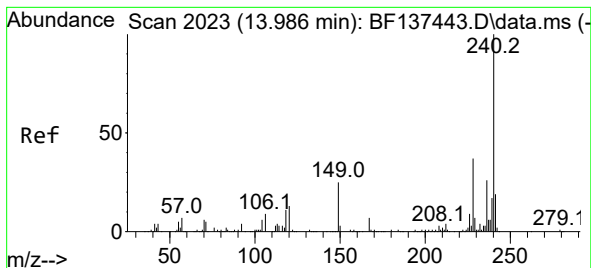
Ion Ratio Lower Upper

248 100

250 209.0 76.8 115.2#

141 451.6 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.221 min Scan# 20

Delta R.T. 0.124 min

Lab File: BF137585.D

Acq: 13 Mar 2024 19:37

Instrument :

BNA_F

ClientSampleId :

WC-1

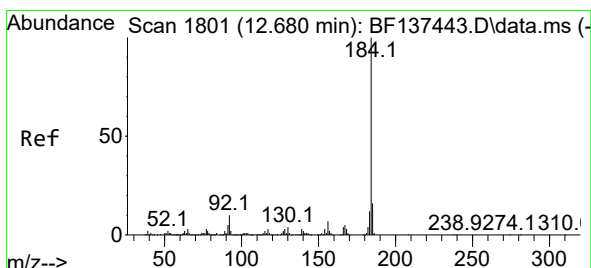
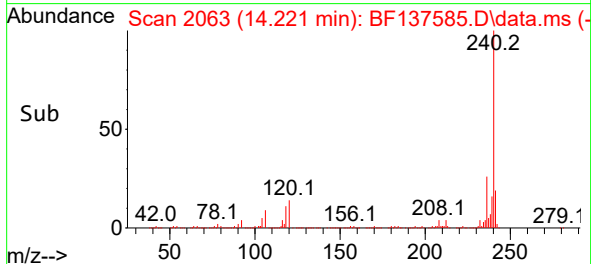
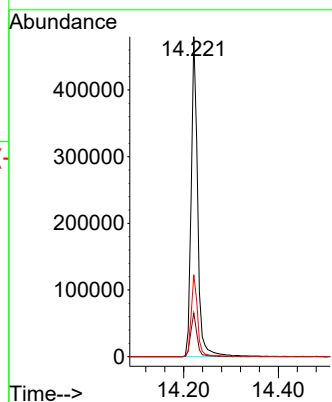
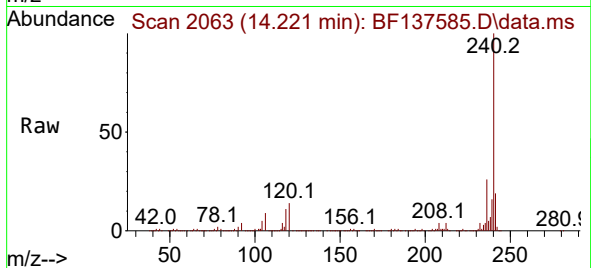
Tgt Ion:240 Resp: 453693

Ion Ratio Lower Upper

240 100

120 13.7 10.4 15.6

236 25.6 20.9 31.3



#77

Benzidine

Concen: 2.619 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.376 min

Lab File: BF137585.D

Acq: 13 Mar 2024 19:37

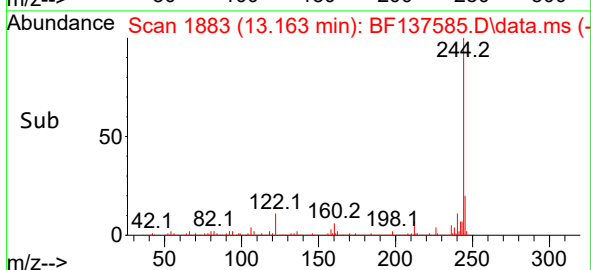
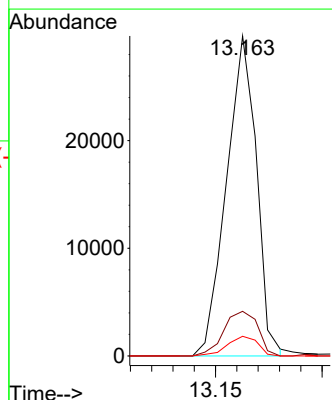
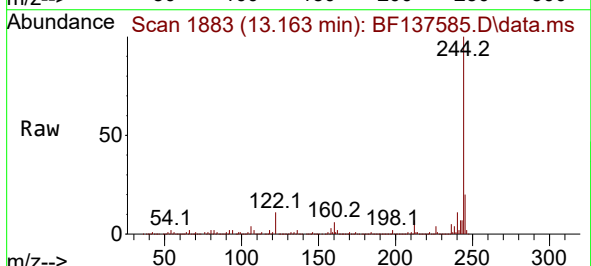
Tgt Ion:184 Resp: 29083

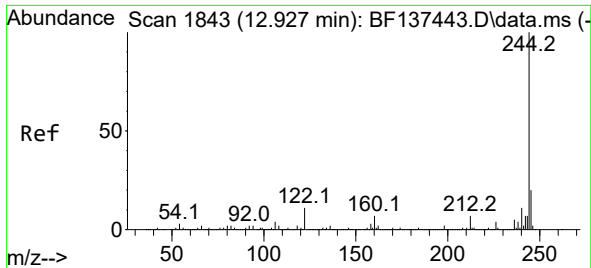
Ion Ratio Lower Upper

184 100

185 13.9 13.2 19.8

183 6.2 9.3 13.9#

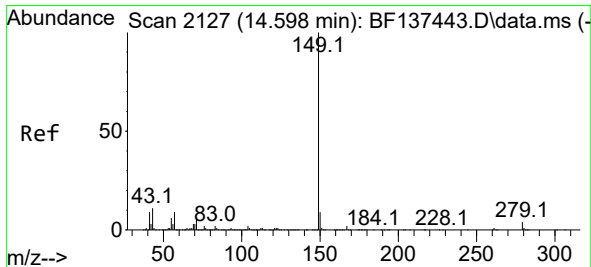
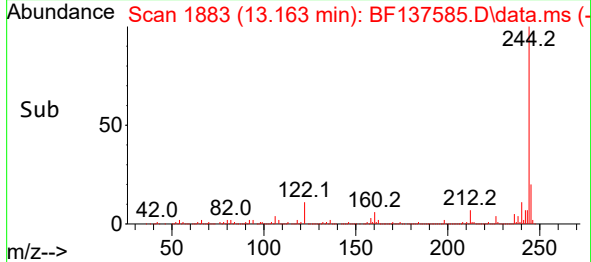
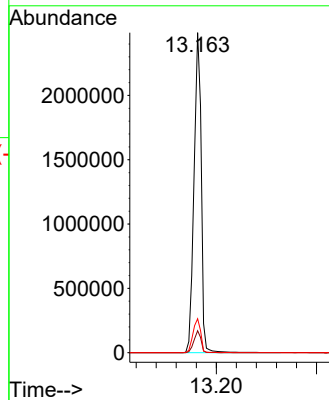
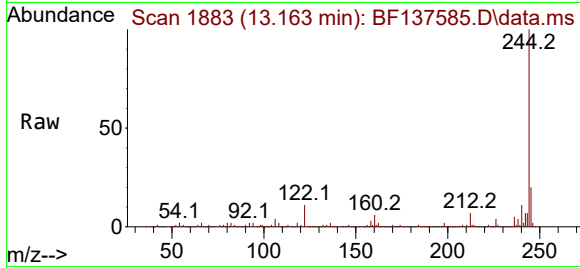




#79
 Terphenyl-d14
 Concen: 75.160 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.124 min
 Lab File: BF137585.D
 Acq: 13 Mar 2024 19:37

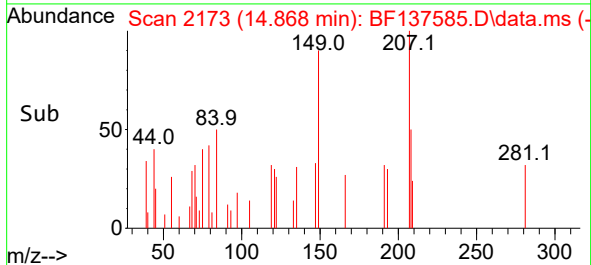
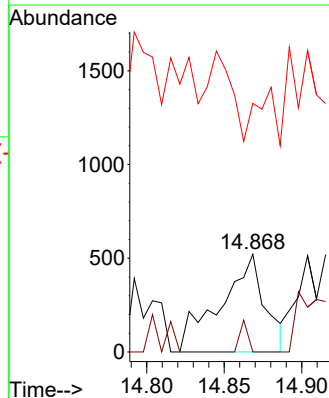
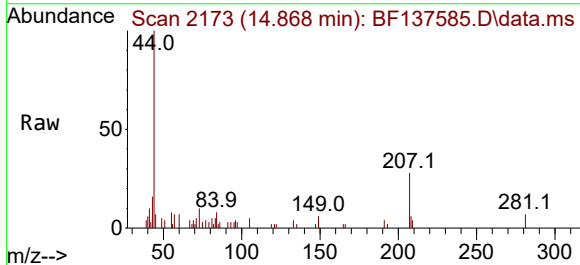
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

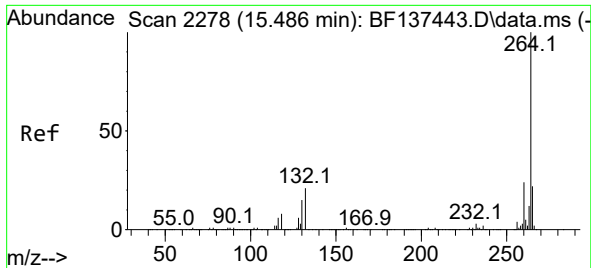
Tgt Ion:244 Resp: 2479768
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.6 9.1 13.7



#85
 Di-n-octyl phthalate
 Concen: 5.640 ng
 RT: 14.868 min Scan# 2173
 Delta R.T. 0.153 min
 Lab File: BF137585.D
 Acq: 13 Mar 2024 19:37

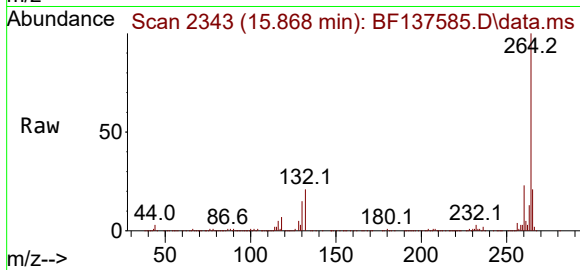
Tgt Ion:149 Resp: 1042
 Ion Ratio Lower Upper
 149 100
 167 5.8 1.2 1.8#
 43 24.8 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.868 min Scan# 21
Delta R.T. 0.218 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37

Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:264 Resp: 401580
Ion Ratio Lower Upper
264 100
260 22.6 19.3 28.9
265 21.2 17.4 26.0

