

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137565.D
 Acq On : 11 Mar 2024 19:48
 Operator : CG\JU
 Sample : P1710-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-030724

Quant Time: Mar 12 02:07:32 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)

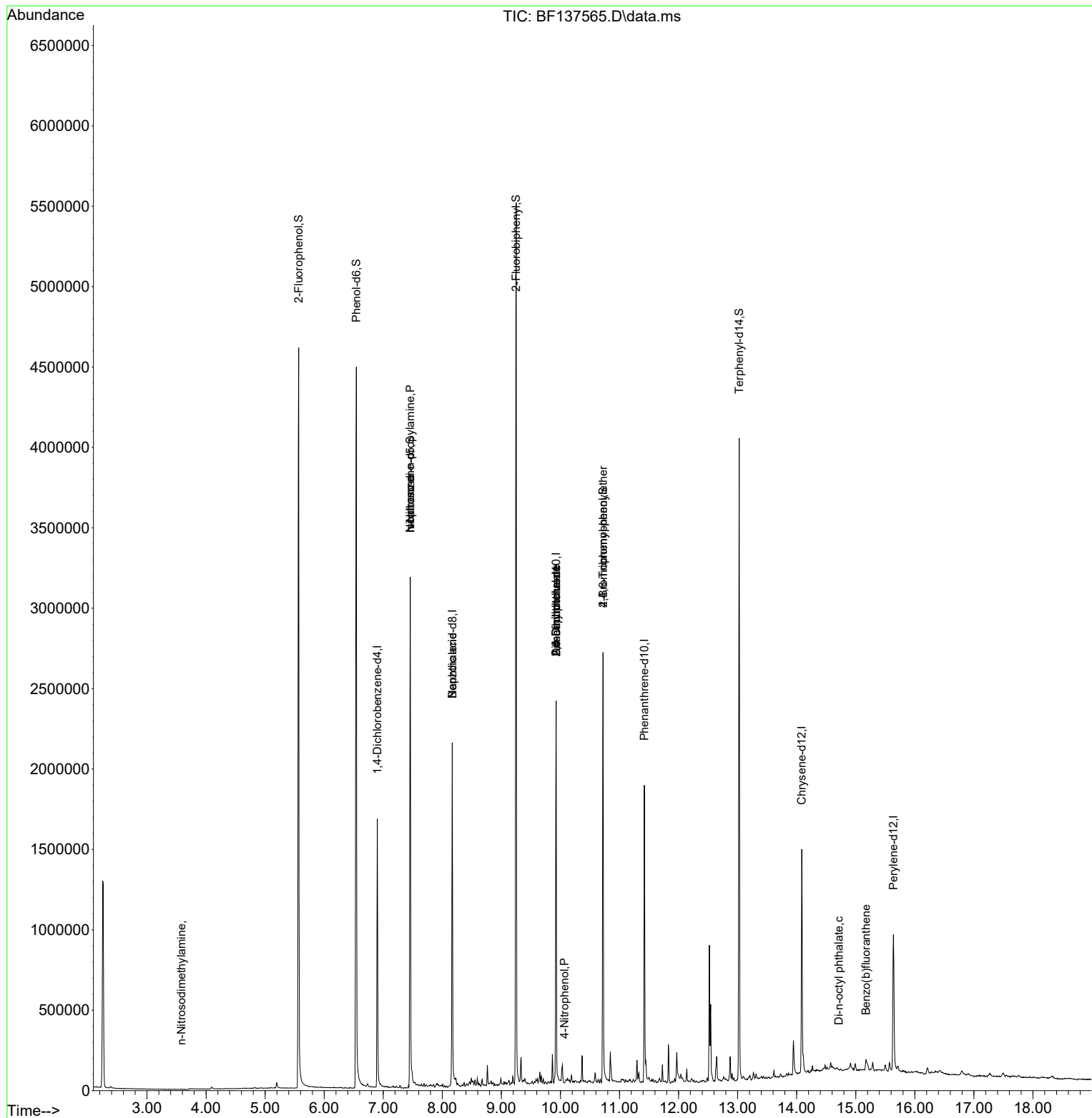
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	236682	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	912779	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	470105	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	648440	20.000	ng	-0.01
76) Chrysene-d12	14.086	240	463202	20.000	ng	-0.01
86) Perylene-d12	15.639	264	435449	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1333363	85.323	ng	0.00
7) Phenol-d6	6.545	99	1819184	80.646	ng	-0.01
23) Nitrobenzene-d5	7.457	82	1145065	58.288	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	309992	75.089	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1782159	59.343	ng	0.00
79) Terphenyl-d14	13.027	244	1354600	40.214	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.581	42	275	3.839	ng	# 1
19) n-Nitroso-di-n-propyla...	7.457	70	145141	10.420	ng	# 80
25) Isophorone	7.457	82	1142389	30.609	ng	# 69
32) Benzoic acid	8.169	122	239	6.323	ng	# 1
50) Dimethylphthalate	9.928	163	79022	2.415	ng	# 1
51) 2,6-Dinitrotoluene	9.928	165	62008	9.059	ng	# 21
56) 4-Nitrophenol	10.069	139	102	4.545	ng	# 1
57) 2,4-Dinitrotoluene	9.928	165	62008	7.374	ng	# 22
67) 4-Bromophenyl-phenylether	10.722	248	20817	2.947	ng	# 1
85) Di-n-octyl phthalate	14.715	149	698	5.629	ng	# 1
88) Benzo(b)fluoranthene	15.174	252	52720	2.047	ng	95

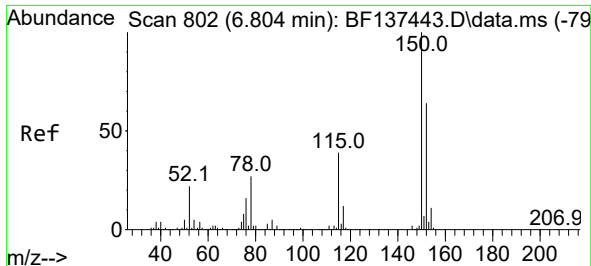
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
Data File : BF137565.D
Acq On : 11 Mar 2024 19:48
Operator : CG\JU
Sample : P1710-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-030724

Quant Time: Mar 12 02:07:32 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

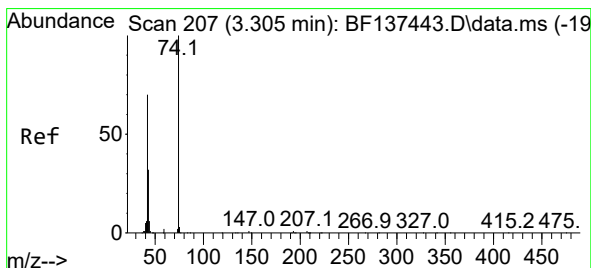
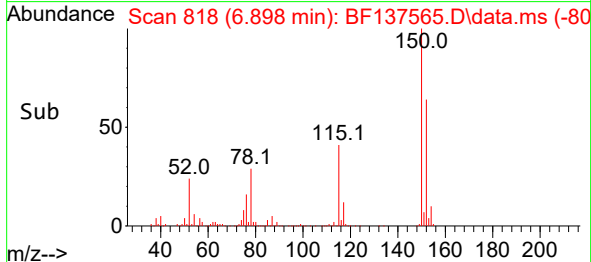
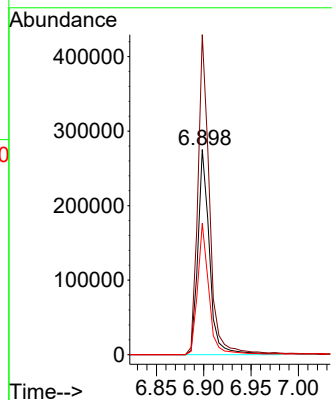
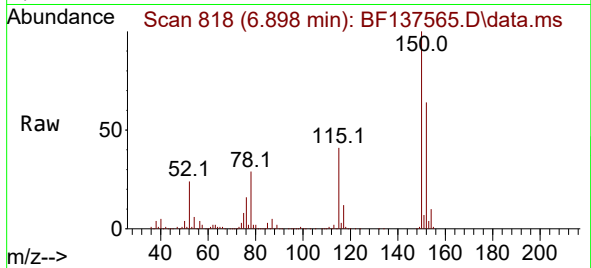




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

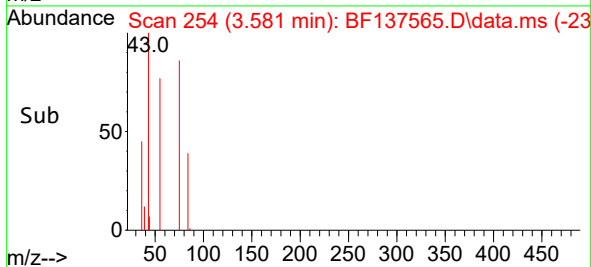
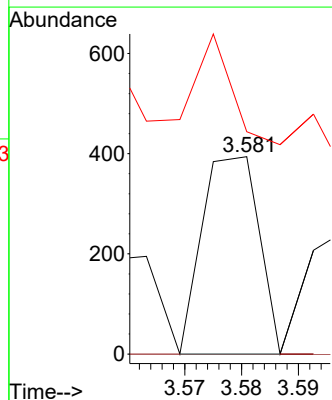
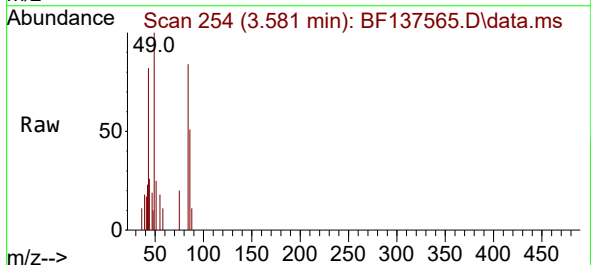
Instrument :
BNA_F
ClientSampleId :
TR-04-030724

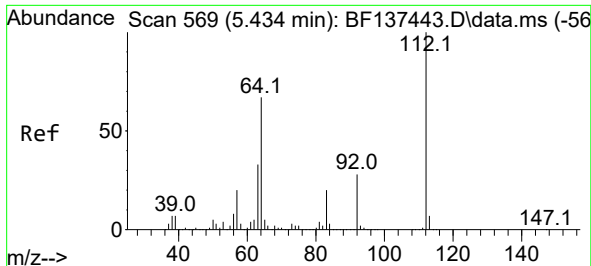
Tgt Ion:152 Resp: 236682
Ion Ratio Lower Upper
152 100
150 156.0 125.8 188.6
115 64.0 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.839 ng
RT: 3.581 min Scan# 254
Delta R.T. 0.012 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

Tgt Ion: 42 Resp: 275
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 112.7 7.0 10.4#

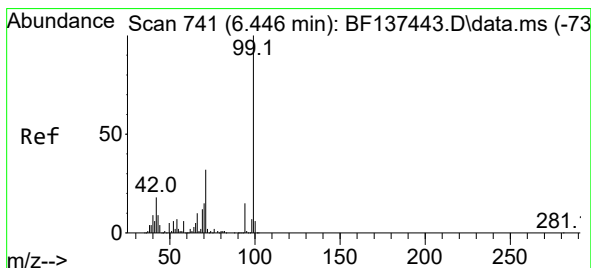
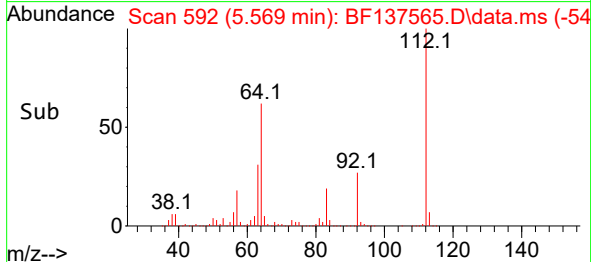
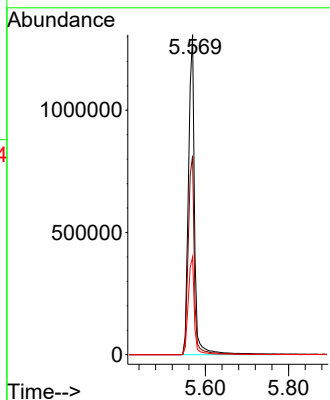
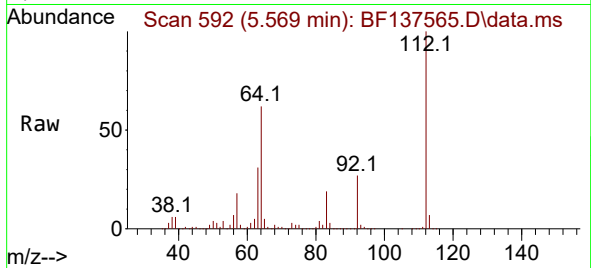




#5
2-Fluorophenol
Concen: 85.323 ng
RT: 5.569 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

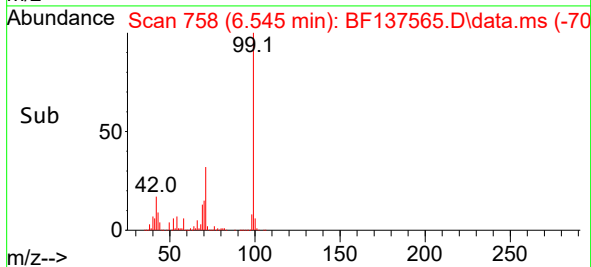
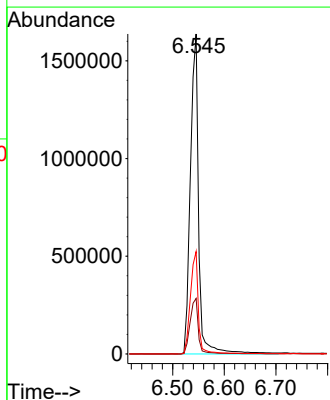
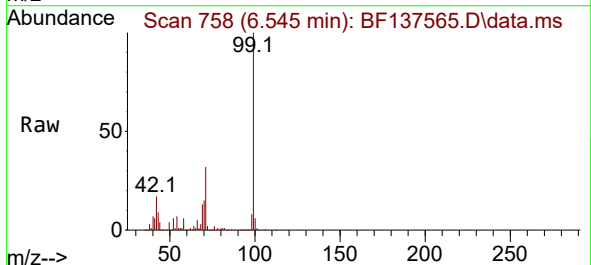
Instrument :
BNA_F
ClientSampleId :
TR-04-030724

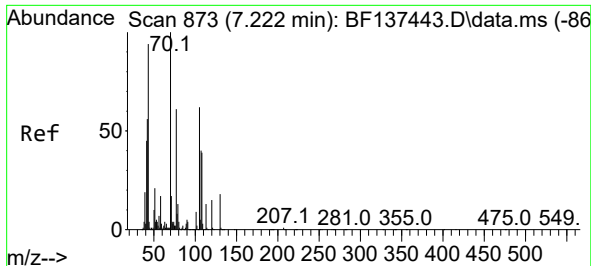
Tgt Ion:112 Resp: 1333363
Ion Ratio Lower Upper
112 100
64 62.2 53.4 80.2
63 30.5 26.2 39.2



#7
Phenol-d6
Concen: 80.646 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.012 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

Tgt Ion: 99 Resp: 1819184
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 32.0 25.3 37.9

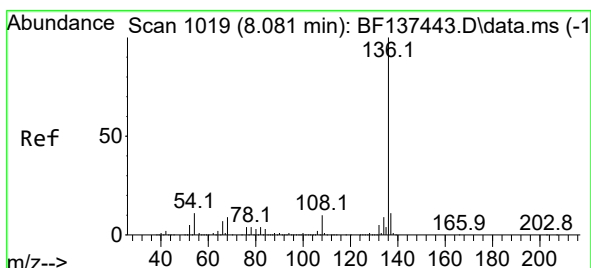
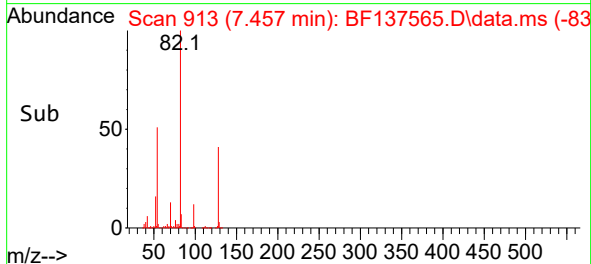
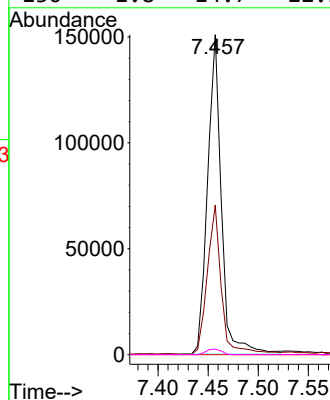
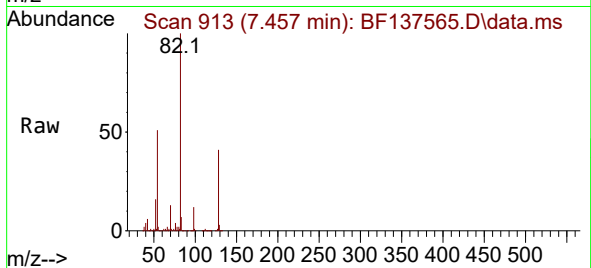




#19
n-Nitroso-di-n-propylamine
Concen: 10.420 ng
RT: 7.457 min Scan# 91
Delta R.T. 0.135 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

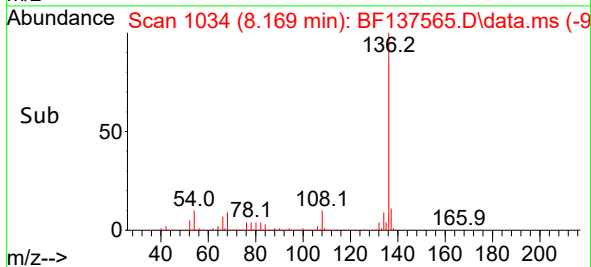
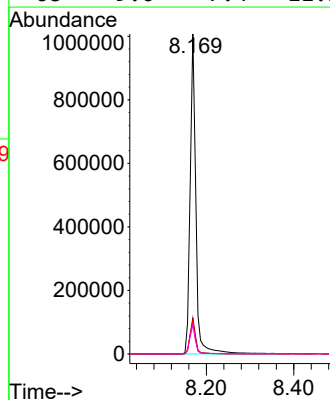
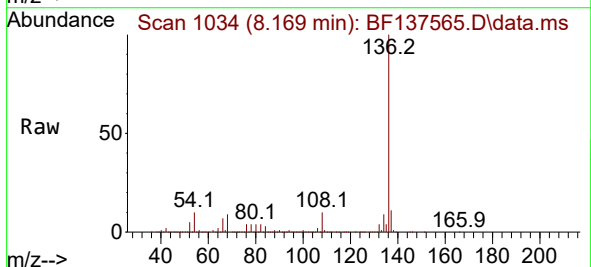
Instrument :
BNA_F
ClientSampleId :
TR-04-030724

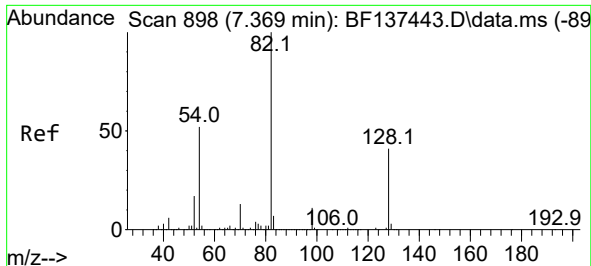
Tgt Ion:	70	Resp:	145141
Ion	Ratio	Lower	Upper
70	100		
42	46.7	45.2	67.8
101	0.0	7.3	10.9#
130	1.8	14.7	22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

Tgt Ion:	136	Resp:	912779
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.0	8.5	12.7
68	9.0	7.4	11.2





#23

Nitrobenzene-d5

Concen: 58.288 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF137565.D

Acq: 11 Mar 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TR-04-030724

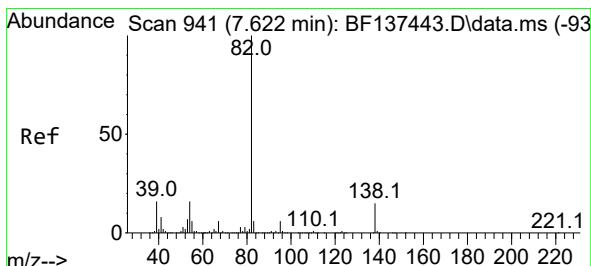
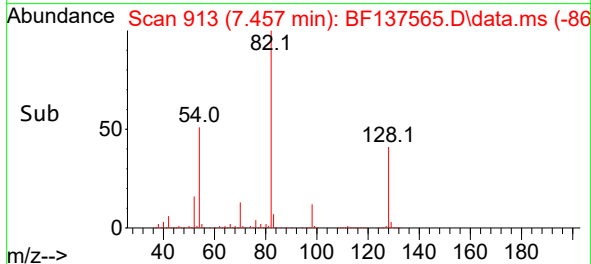
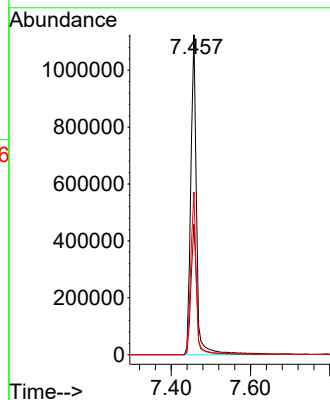
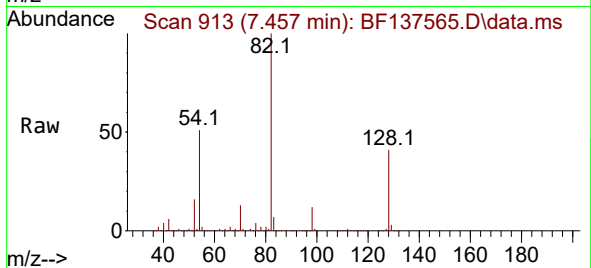
Tgt Ion: 82 Resp: 1145065

Ion Ratio Lower Upper

82 100

128 40.8 32.5 48.7

54 50.9 41.5 62.3



#25

Isophorone

Concen: 30.609 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.265 min

Lab File: BF137565.D

Acq: 11 Mar 2024 19:48

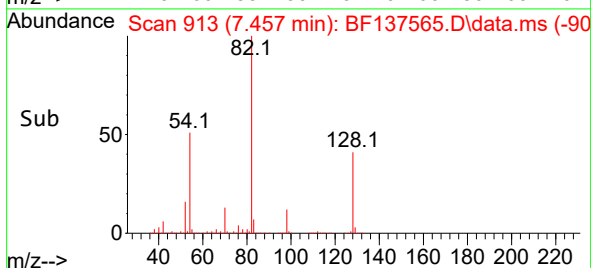
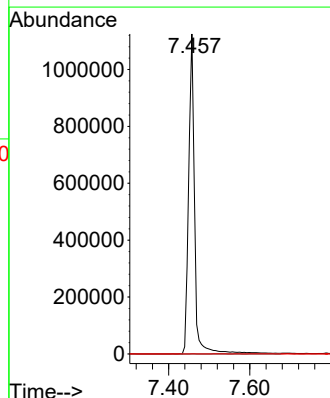
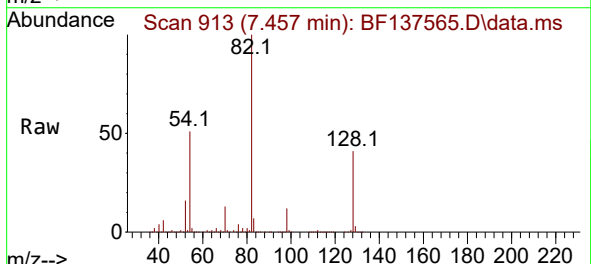
Tgt Ion: 82 Resp: 1142389

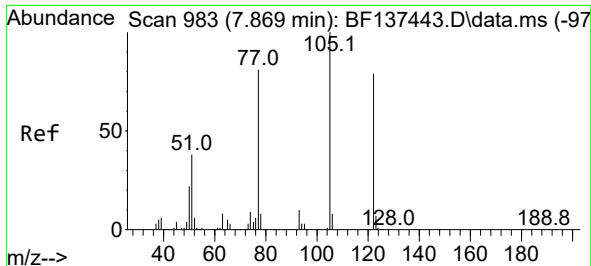
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

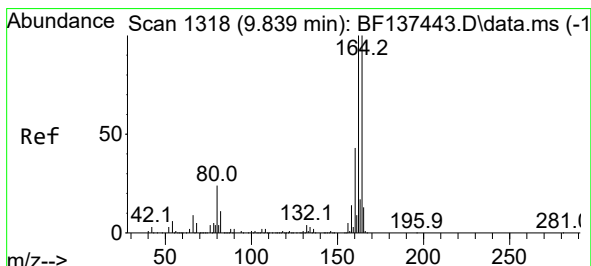
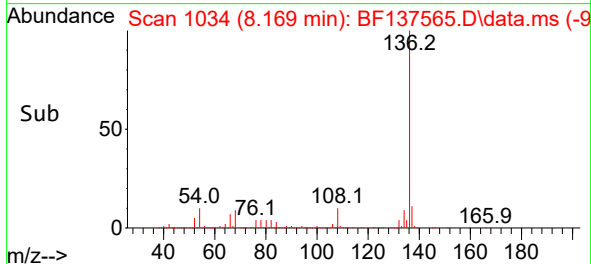
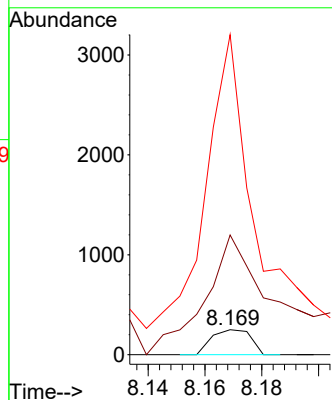
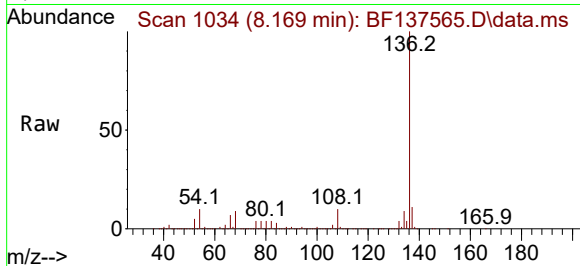




#32
Benzoic acid
Concen: 6.323 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.188 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

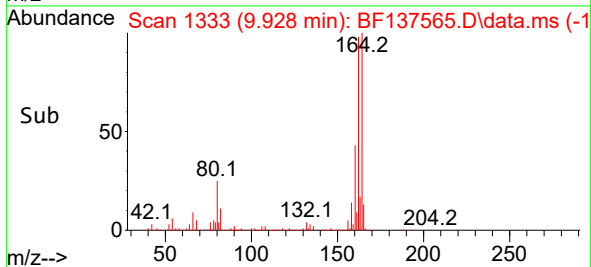
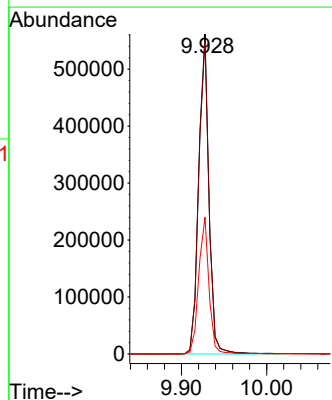
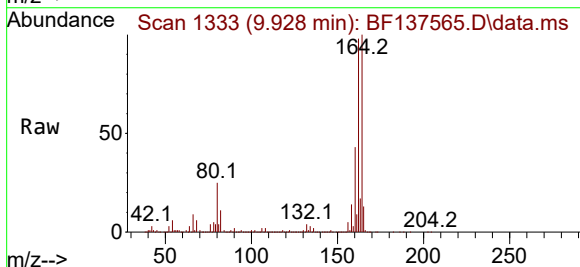
Instrument :
BNA_F
ClientSampleId :
TR-04-030724

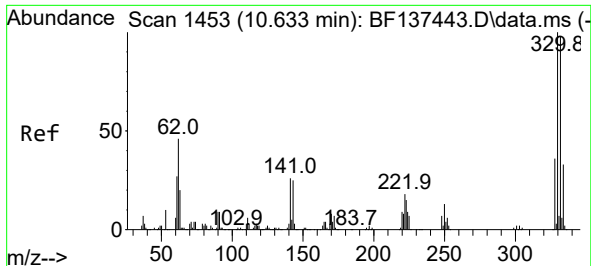
Tgt Ion:122 Resp: 239
Ion Ratio Lower Upper
122 100
105 479.2 102.4 142.4#
77 1281.2 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

Tgt Ion:164 Resp: 470105
Ion Ratio Lower Upper
164 100
162 97.7 79.8 119.8
160 42.7 34.4 51.6

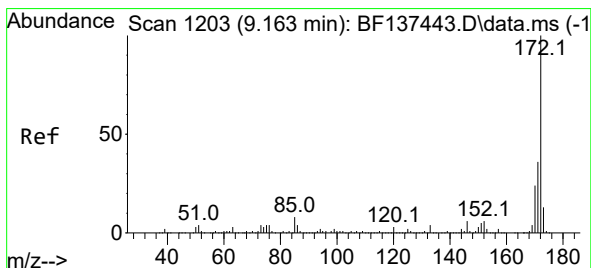
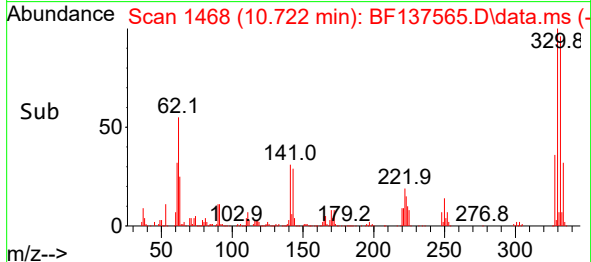
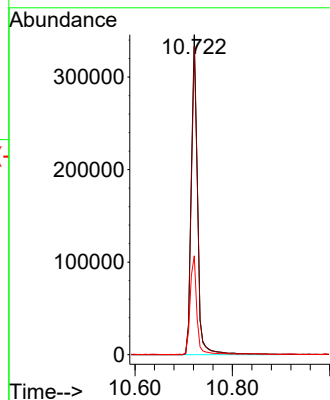
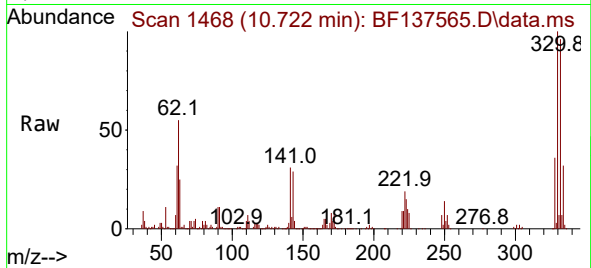




#42
2,4,6-Tribromophenol
Concen: 75.089 ng
RT: 10.722 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

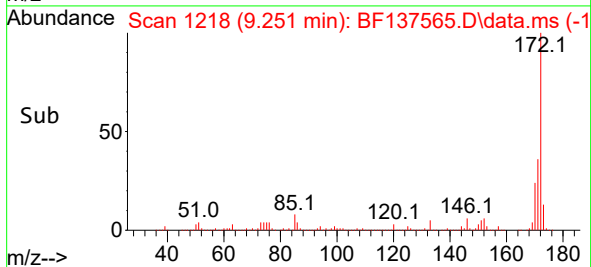
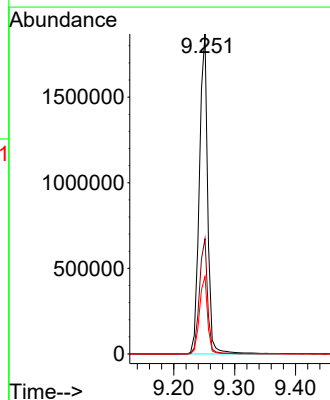
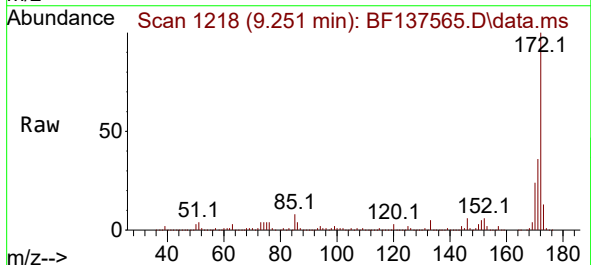
Instrument :
BNA_F
ClientSampleId :
TR-04-030724

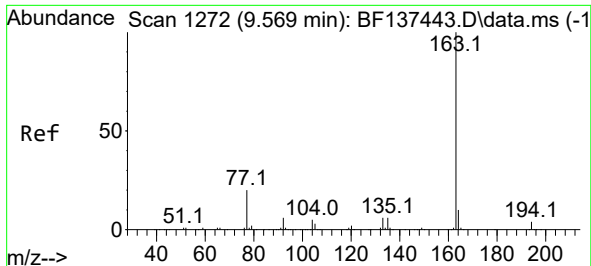
Tgt Ion:330 Resp: 309992
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 32.7 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 59.343 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

Tgt Ion:172 Resp: 1782159
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.2 19.0 28.6

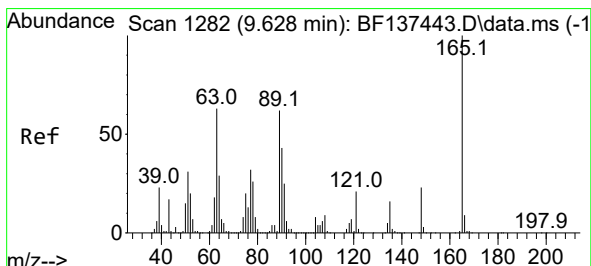
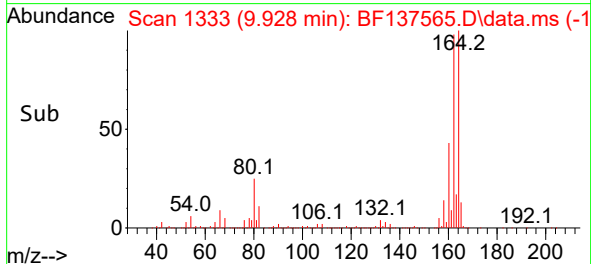
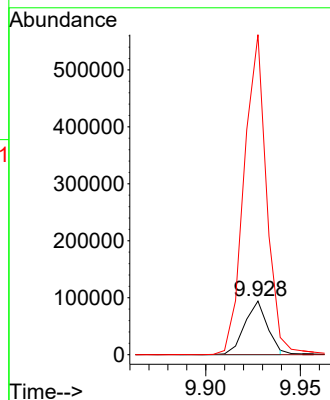
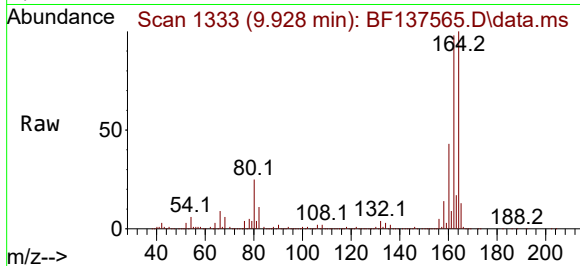




#50
Dimethylphthalate
Concen: 2.415 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.259 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

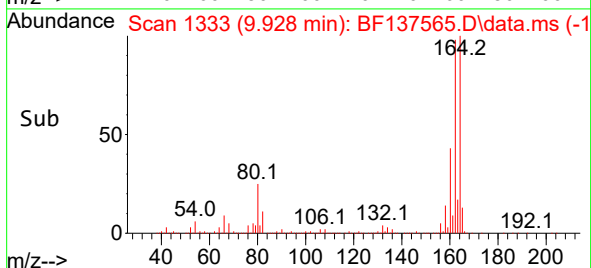
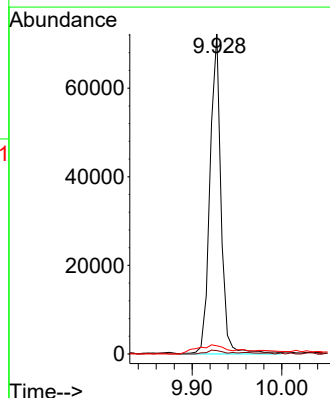
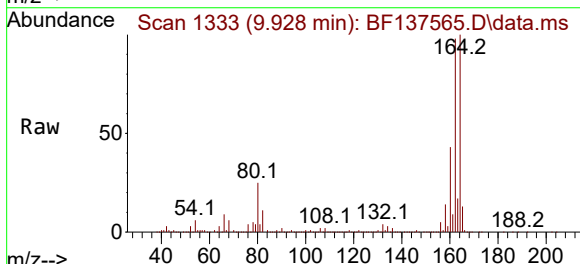
Instrument :
BNA_F
ClientSampleId :
TR-04-030724

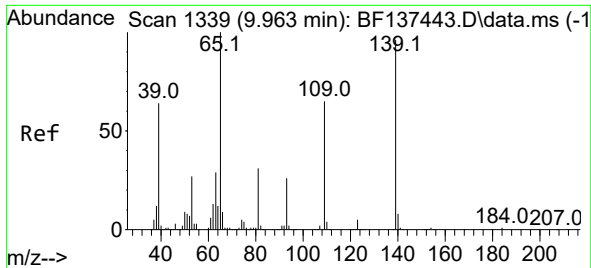
Tgt Ion:163 Resp: 79022
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 597.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 9.059 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.200 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

Tgt Ion:165 Resp: 62008
Ion Ratio Lower Upper
165 100
63 1.0 50.7 76.1#
89 2.6 50.0 75.0#

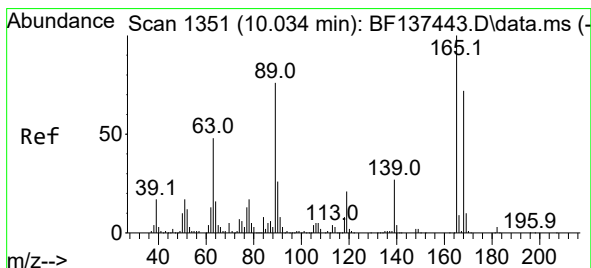
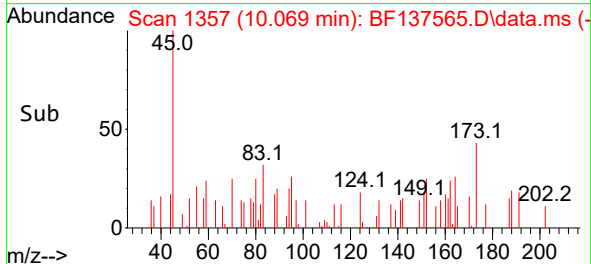
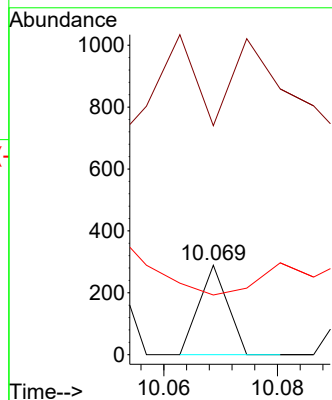
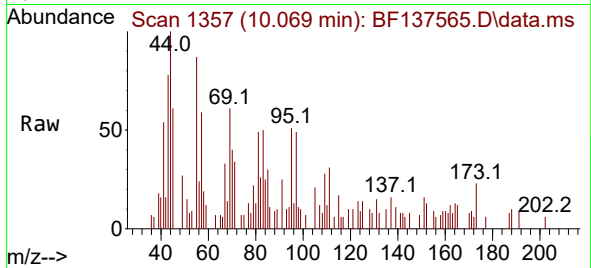




#56
4-Nitrophenol
Concen: 4.545 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

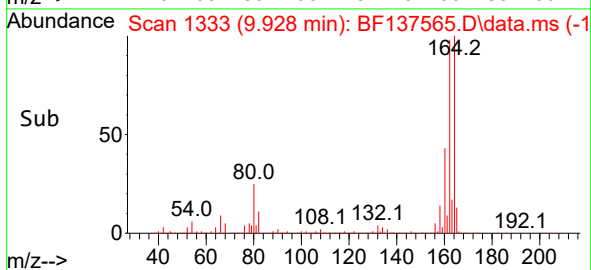
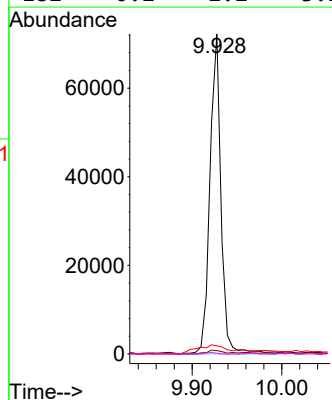
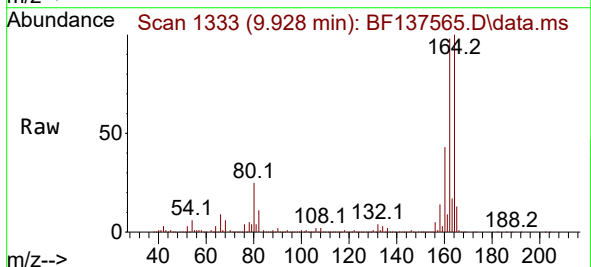
Instrument :
BNA_F
ClientSampleId :
TR-04-030724

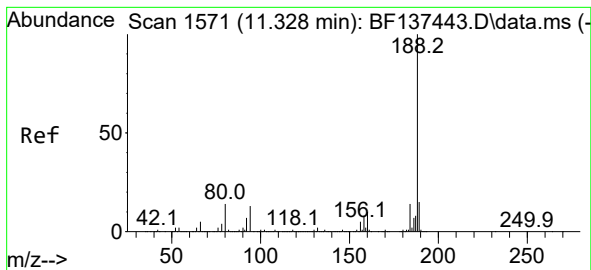
Tgt Ion:139 Resp: 102
Ion Ratio Lower Upper
139 100
109 256.1 47.1 87.1#
65 66.8 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.374 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.206 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

Tgt Ion:165 Resp: 62008
Ion Ratio Lower Upper
165 100
63 1.0 39.0 58.6#
89 2.6 60.9 91.3#
182 0.2 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137565.D

Acq: 11 Mar 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TR-04-030724

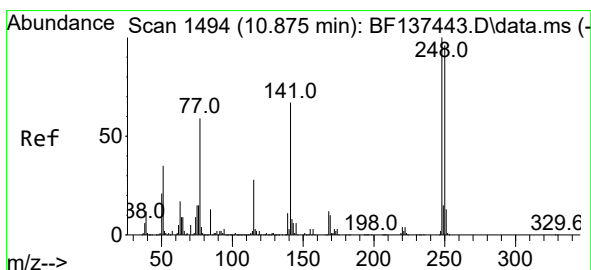
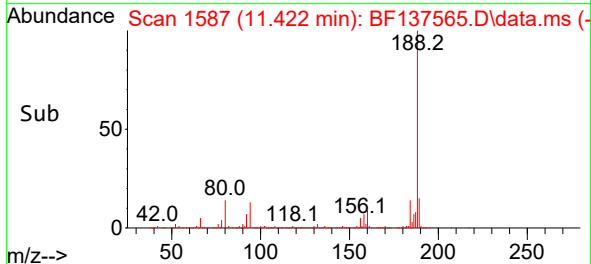
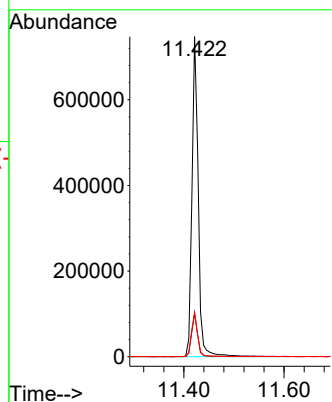
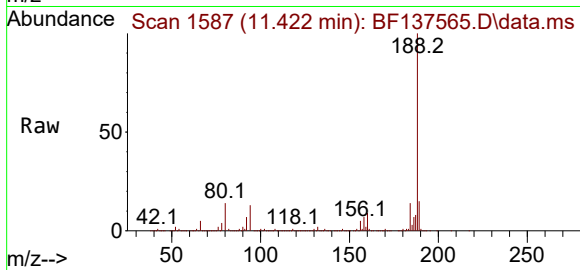
Tgt Ion:188 Resp: 648440

Ion Ratio Lower Upper

188 100

94 13.5 10.6 15.8

80 14.0 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 2.947 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.253 min

Lab File: BF137565.D

Acq: 11 Mar 2024 19:48

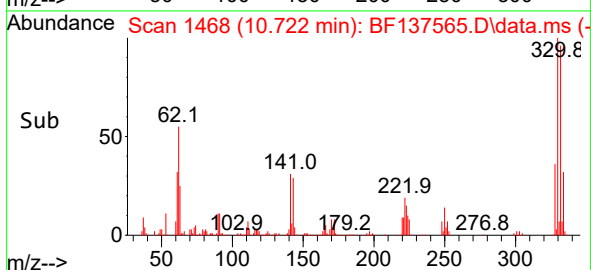
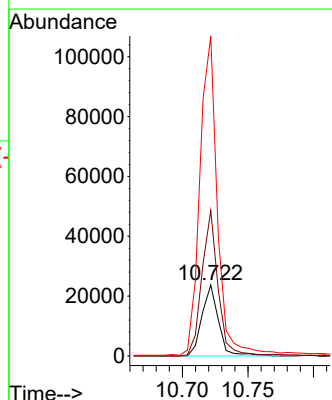
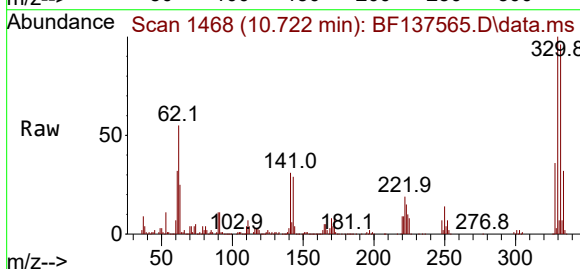
Tgt Ion:248 Resp: 20817

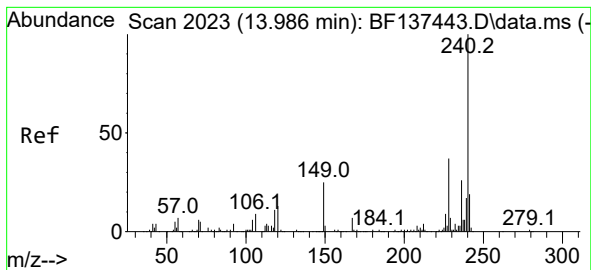
Ion Ratio Lower Upper

248 100

250 205.4 76.8 115.2#

141 451.9 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137565.D

Acq: 11 Mar 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TR-04-030724

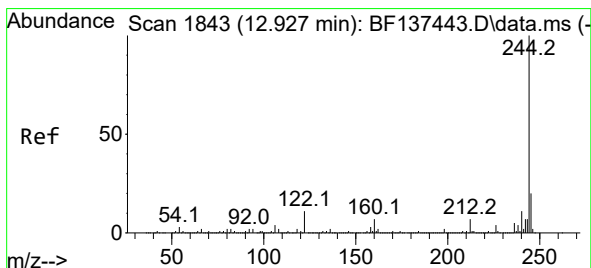
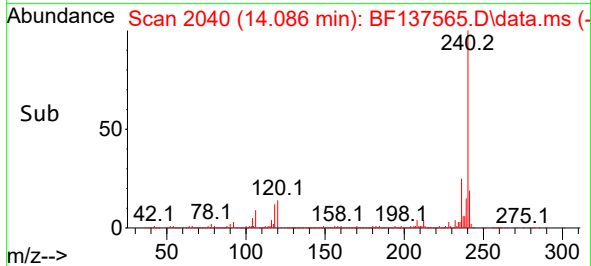
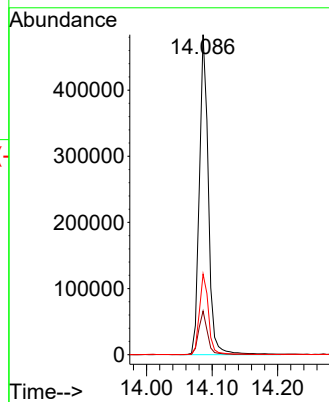
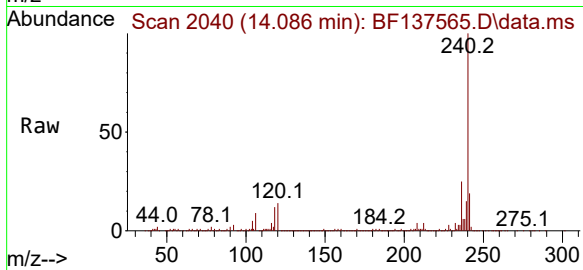
Tgt Ion:240 Resp: 463202

Ion Ratio Lower Upper

240 100

120 13.6 10.4 15.6

236 25.2 20.9 31.3



#79

Terphenyl-d14

Concen: 40.214 ng

RT: 13.027 min Scan# 1860

Delta R.T. -0.012 min

Lab File: BF137565.D

Acq: 11 Mar 2024 19:48

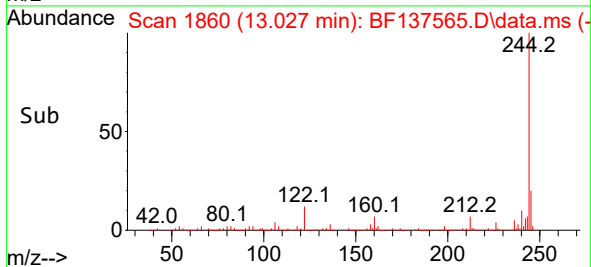
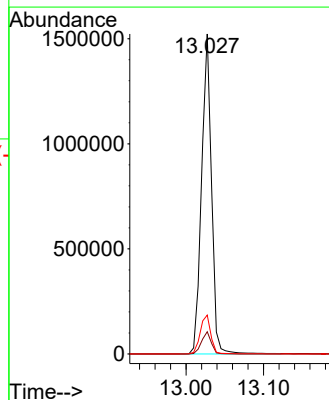
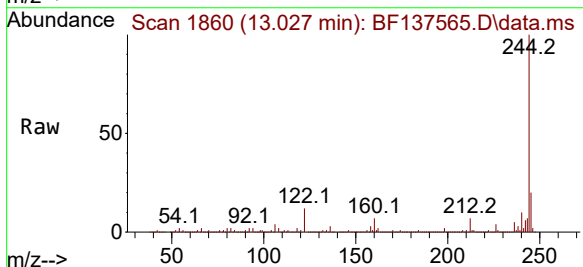
Tgt Ion:244 Resp: 1354600

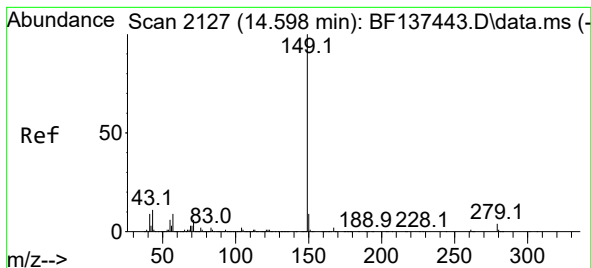
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 12.1 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.629 ng

RT: 14.715 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137565.D

Acq: 11 Mar 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TR-04-030724

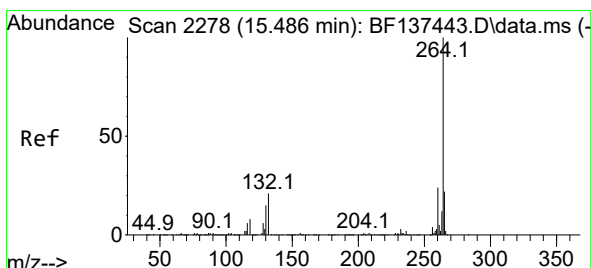
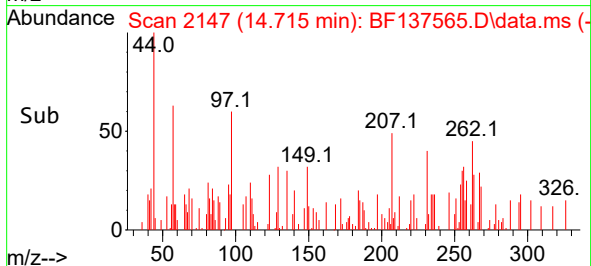
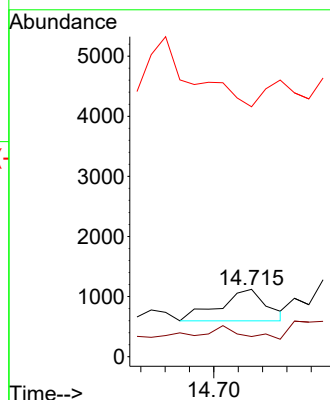
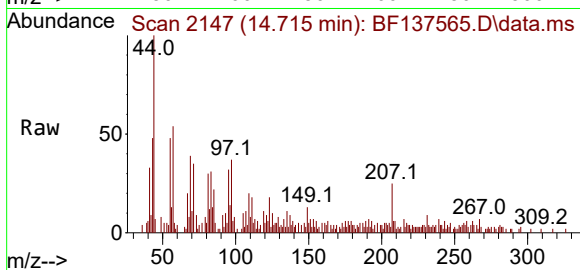
Tgt Ion:149 Resp: 698

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 55.9 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 2304

Delta R.T. -0.012 min

Lab File: BF137565.D

Acq: 11 Mar 2024 19:48

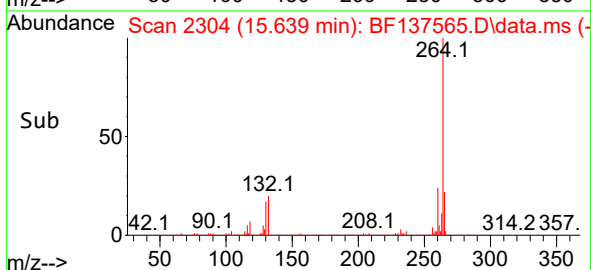
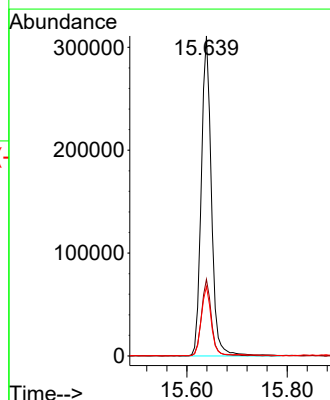
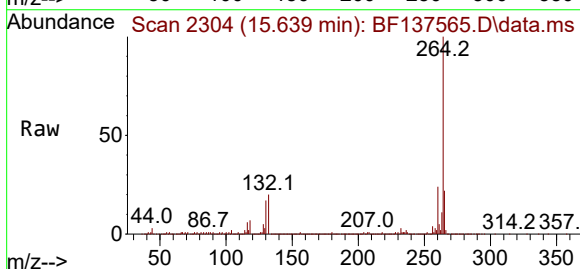
Tgt Ion:264 Resp: 435449

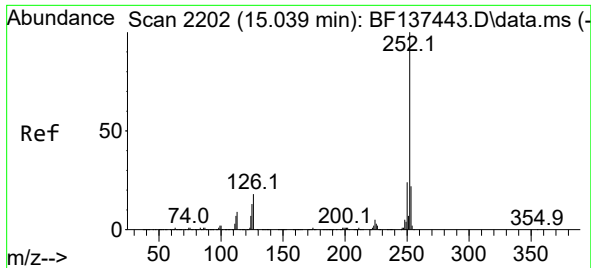
Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

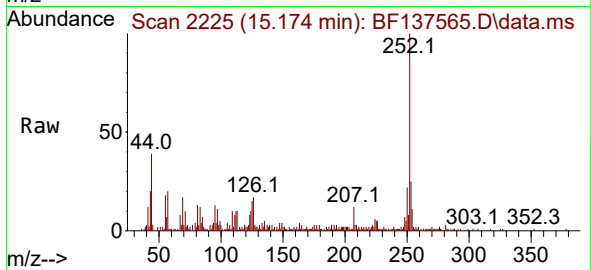
265 21.7 17.4 26.0





#88
Benzo(b)fluoranthene
Concen: 2.047 ng
RT: 15.174 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

Instrument :
BNA_F
ClientSampleId :
TR-04-030724



Tgt Ion:252 Resp: 52720
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 14.6 10.1 15.1

