

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137085.D
 Acq On : 16 Jan 2024 18:09
 Operator : CG\JU
 Sample : P1147-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-E

Quant Time: Jan 17 02:00:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

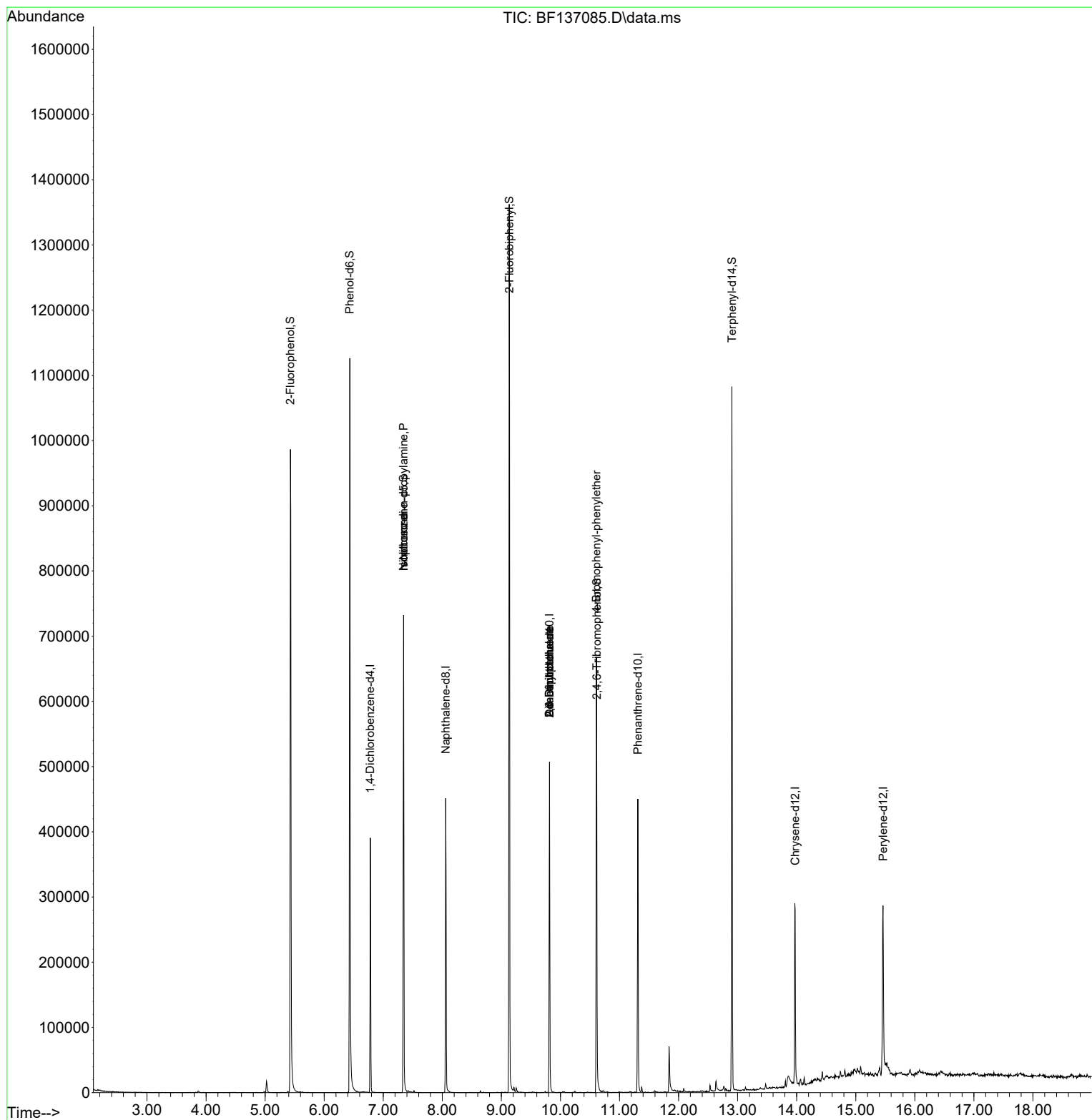
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	53201	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	198880	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	94083	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	163871	20.000	ng	0.00
76) Chrysene-d12	13.974	240	105596	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	127306	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	292796	85.872	ng	0.00
7) Phenol-d6	6.434	99	362817	82.120	ng	0.00
23) Nitrobenzene-d5	7.345	82	215721	55.504	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	89746	80.996	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	428414	61.245	ng	-0.02
79) Terphenyl-d14	12.904	244	365298	48.344	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	27615	10.311	ng	# 73
25) Isophorone	7.345	82	215719	30.503	ng	# 65
50) Dimethylphthalate	9.816	163	17873	2.601	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	12105	7.761	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	12105	5.979	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	5488	3.016	ng	# 1

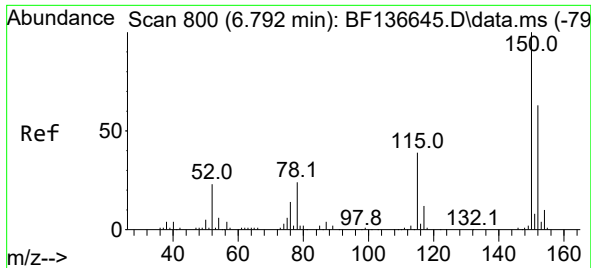
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

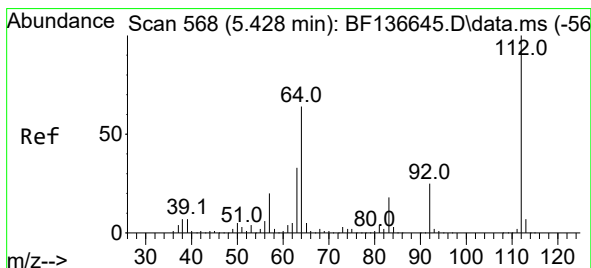
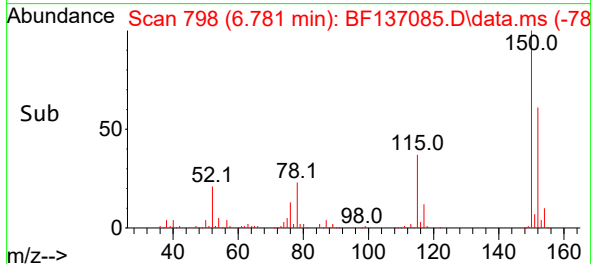
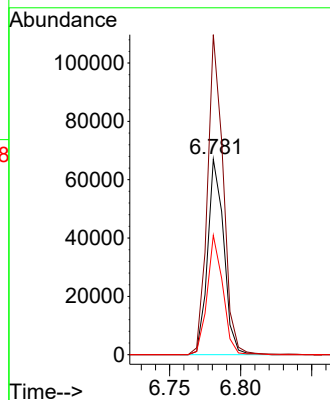
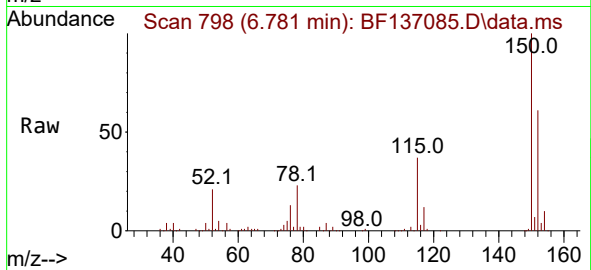




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

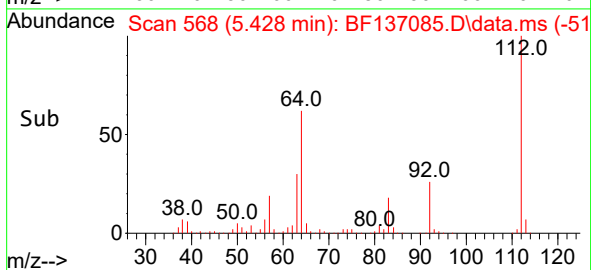
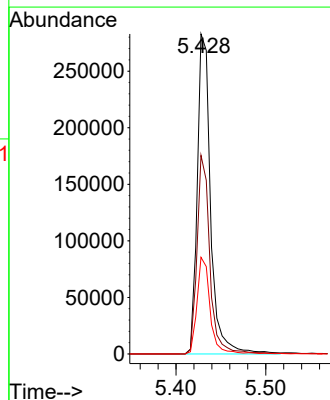
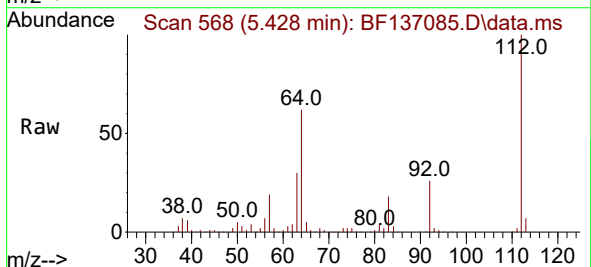
Instrument :
BNA_F
ClientSampleId :
MH-E

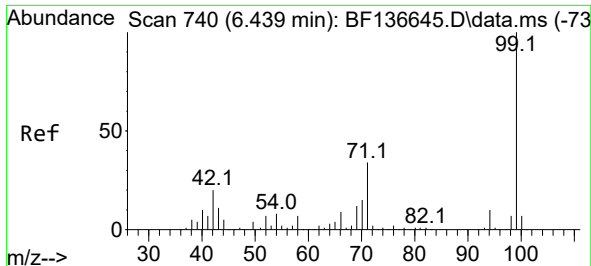
Tgt Ion:152 Resp: 53201
Ion Ratio Lower Upper
152 100
150 163.7 127.0 190.6
115 61.1 49.0 73.4



#5
2-Fluorophenol
Concen: 85.872 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

Tgt Ion:112 Resp: 292796
Ion Ratio Lower Upper
112 100
64 62.1 51.1 76.7
63 30.2 26.1 39.1

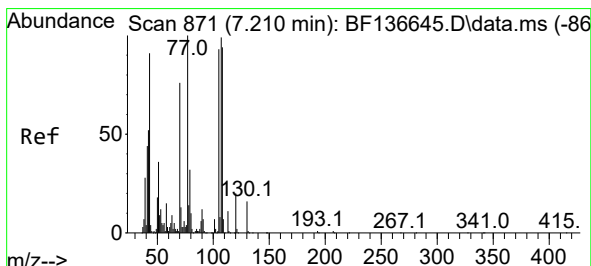
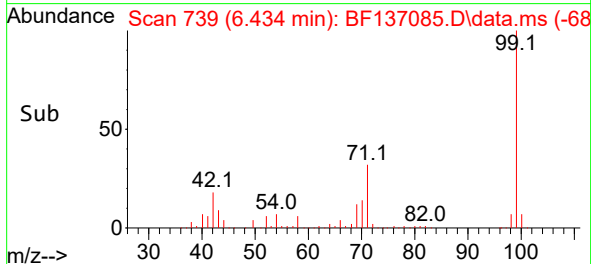
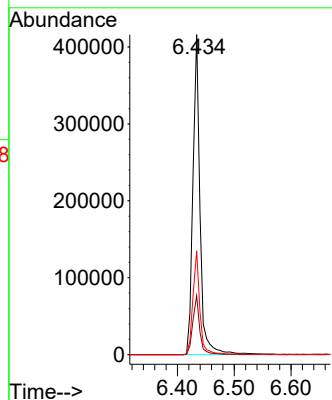
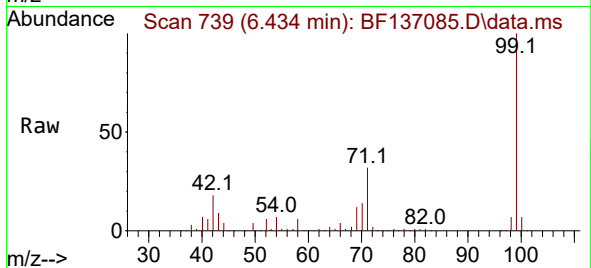




#7
Phenol-d6
Concen: 82.120 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

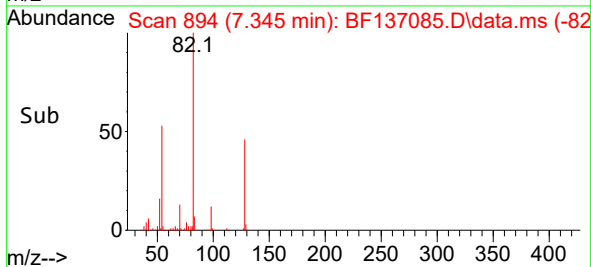
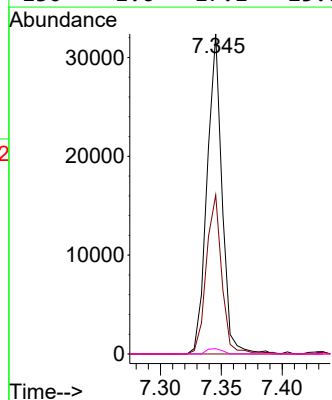
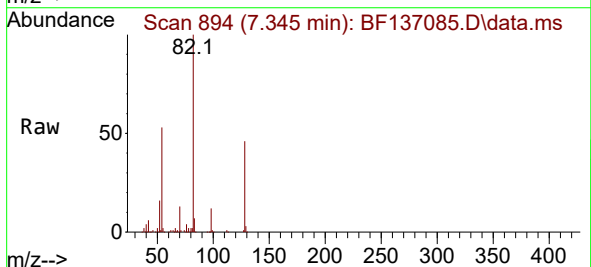
Instrument :
BNA_F
ClientSampleId :
MH-E

Tgt Ion: 99 Resp: 362817
Ion Ratio Lower Upper
99 100
42 18.4 16.1 24.1
71 32.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.311 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

Tgt Ion: 70 Resp: 27615
Ion Ratio Lower Upper
70 100
42 49.7 54.2 81.4#
101 0.0 7.6 11.4#
130 1.6 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137085.D

Acq: 16 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

MH-E

Tgt Ion:136 Resp: 198880

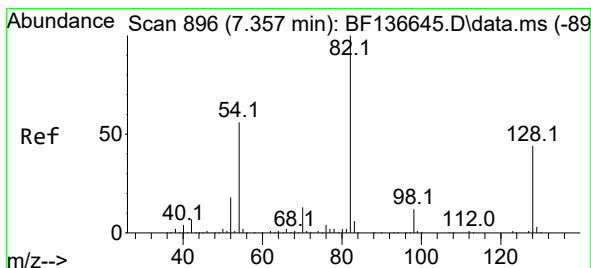
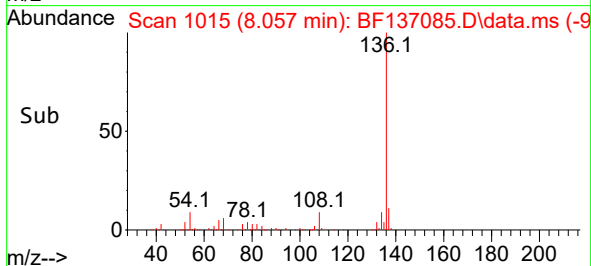
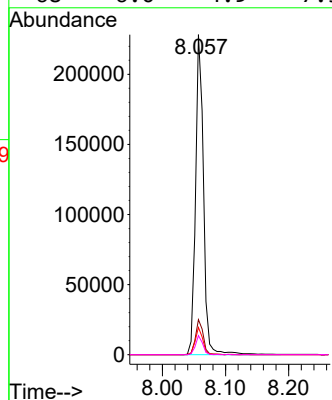
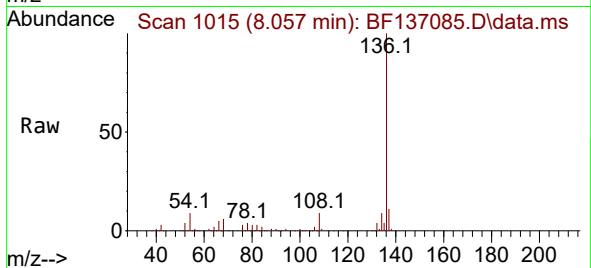
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.5 7.2 10.8

68 6.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 55.504 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF137085.D

Acq: 16 Jan 2024 18:09

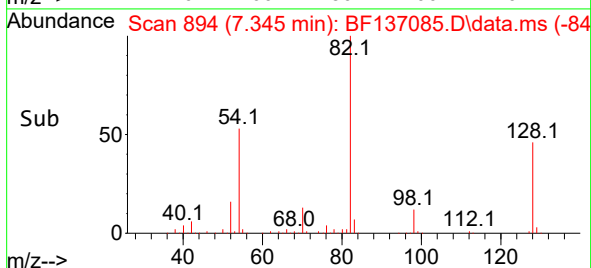
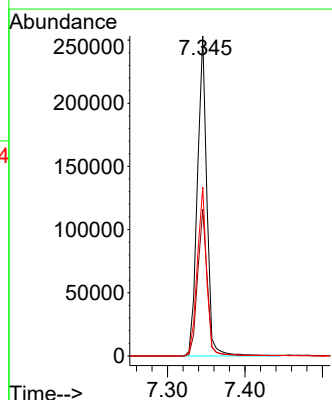
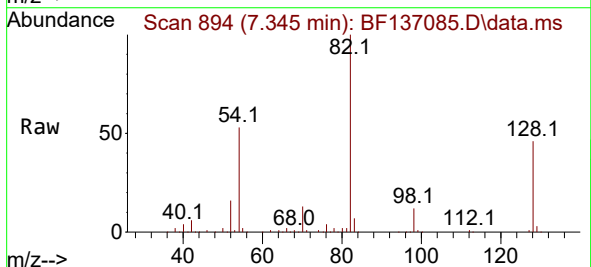
Tgt Ion: 82 Resp: 215721

Ion Ratio Lower Upper

82 100

128 45.8 35.3 52.9

54 52.8 44.5 66.7

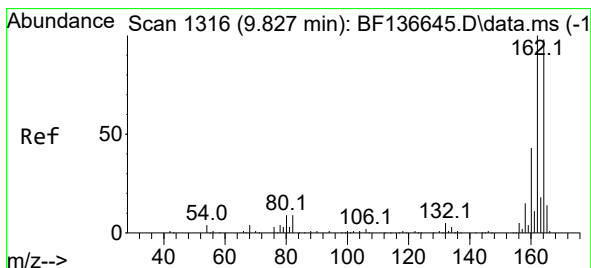
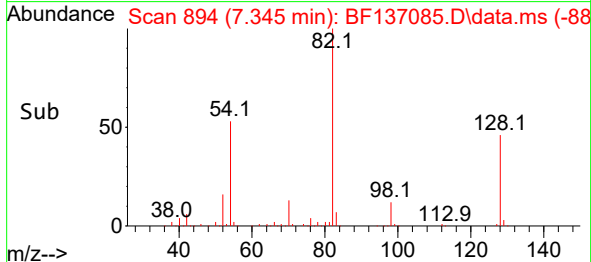
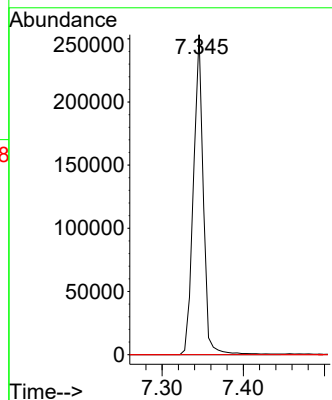
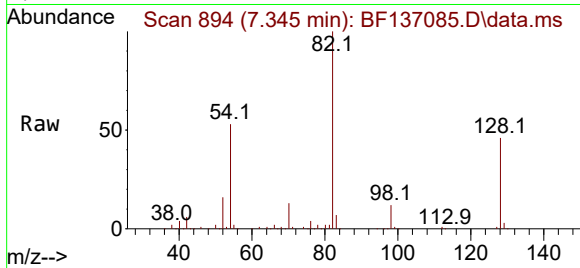




#25
Isophorone
Concen: 30.503 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

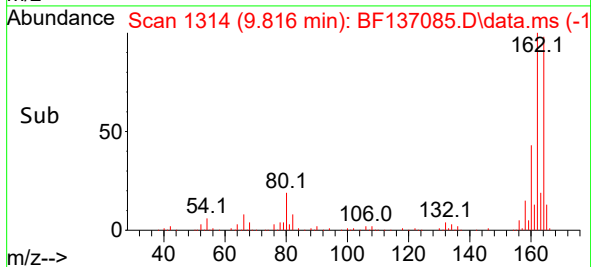
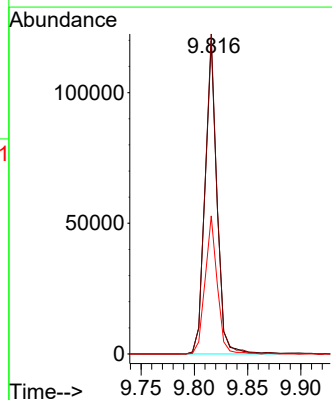
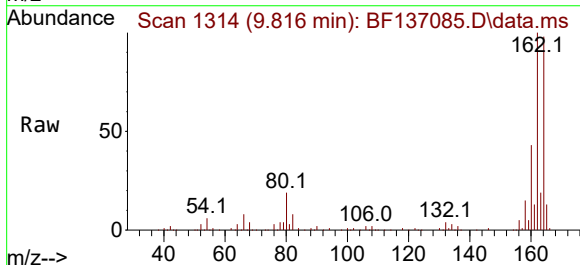
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Tgt Ion: 82 Resp: 215719
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

Tgt Ion:164 Resp: 94083
Ion Ratio Lower Upper
164 100
162 102.2 81.6 122.4
160 44.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 80.996 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137085.D

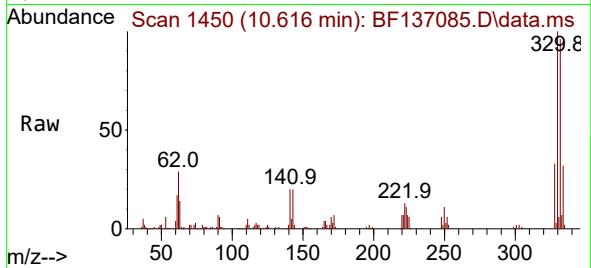
Acq: 16 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

MH-E



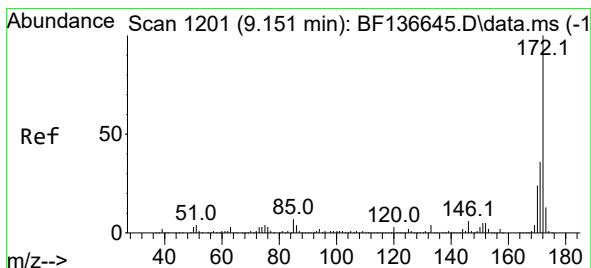
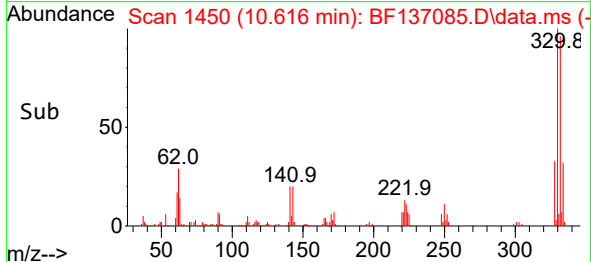
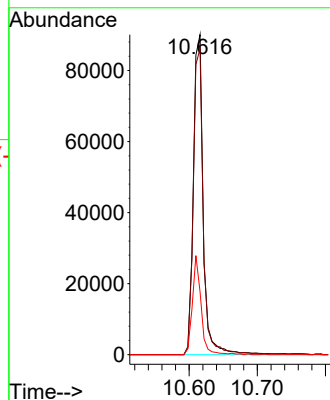
Tgt Ion:330 Resp: 89746

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 27.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 61.245 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF137085.D

Acq: 16 Jan 2024 18:09

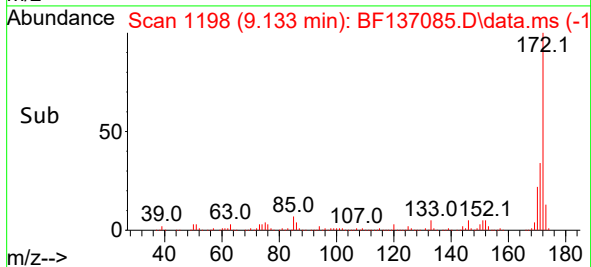
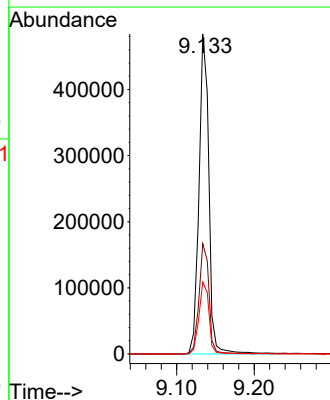
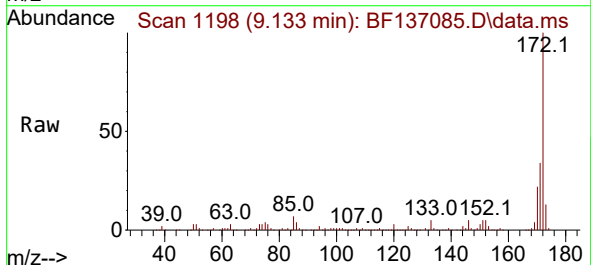
Tgt Ion:172 Resp: 428414

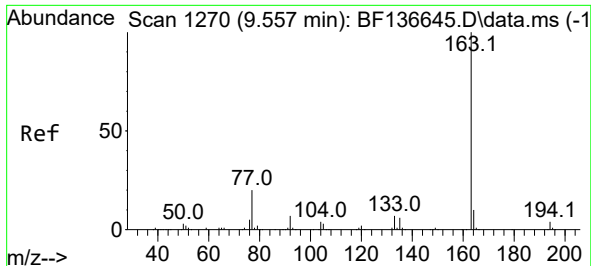
Ion Ratio Lower Upper

172 100

171 34.4 29.0 43.6

170 22.4 19.0 28.4

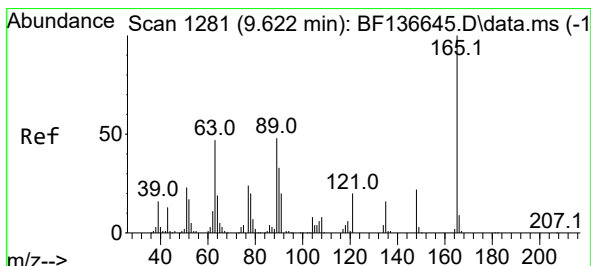
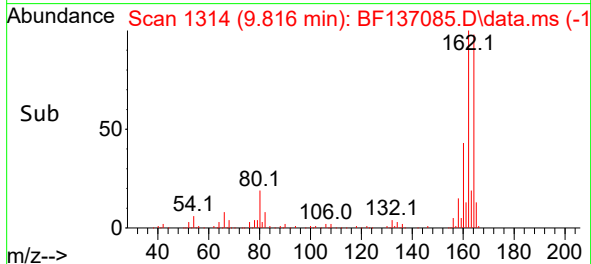
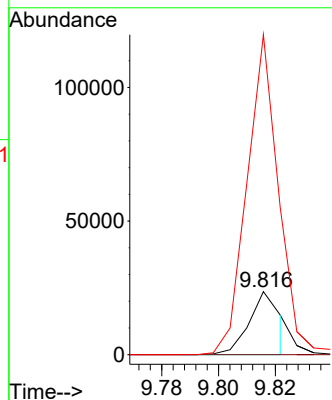
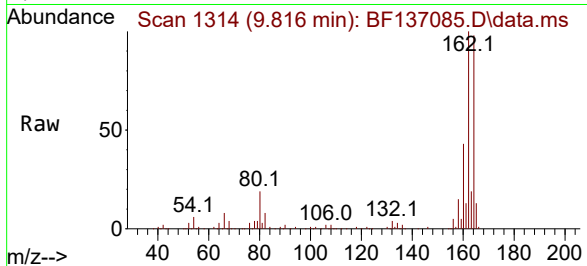




#50
Dimethylphthalate
Concen: 2.601 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

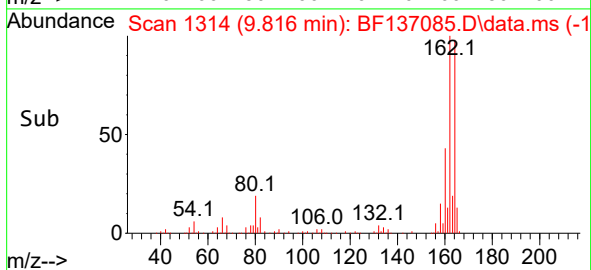
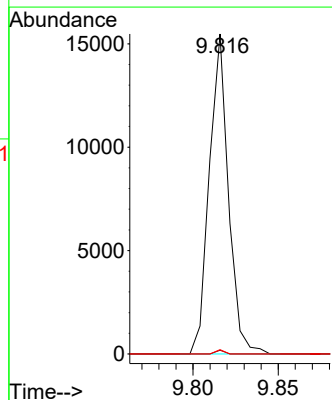
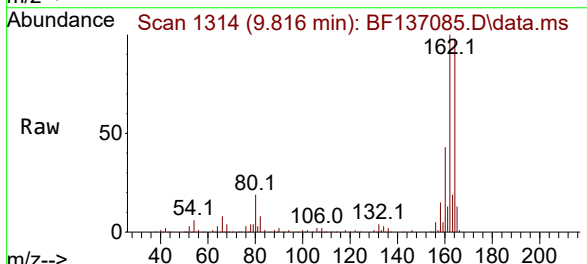
Instrument :
BNA_F
ClientSampleId :
MH-E

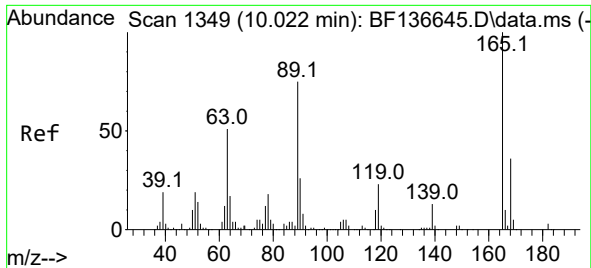
Tgt Ion:163 Resp: 17873
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 507.3 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.761 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

Tgt Ion:165 Resp: 12105
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.4 38.8 58.2#

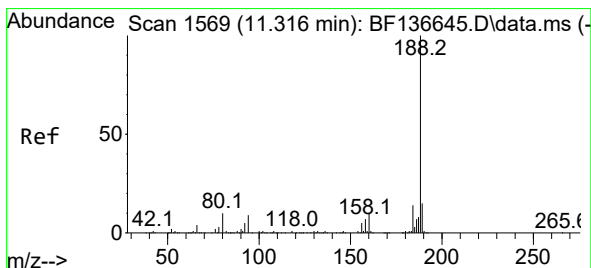
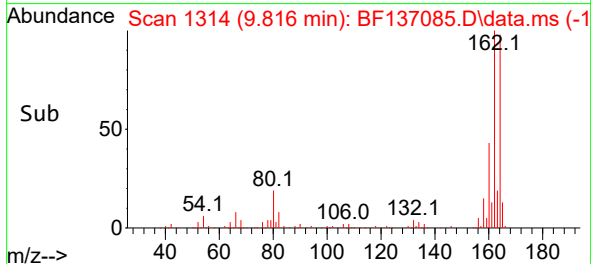
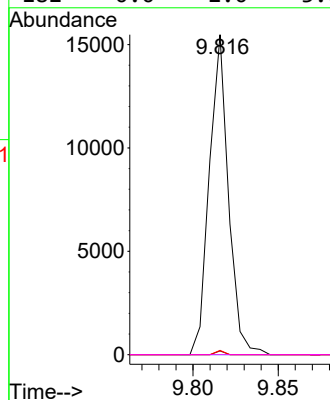
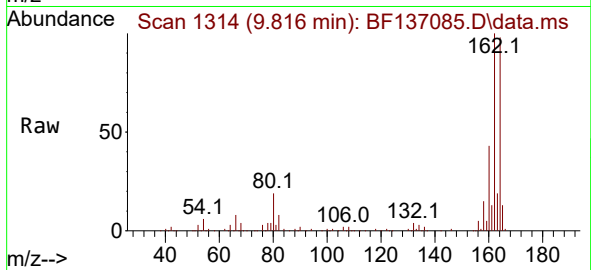




#57
2,4-Dinitrotoluene
Concen: 5.979 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

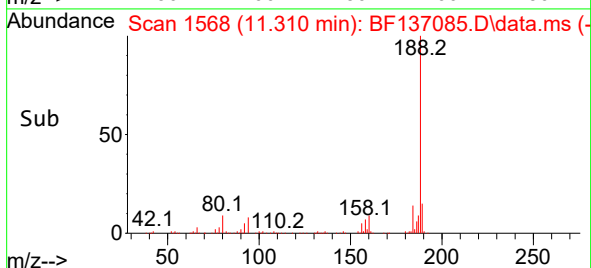
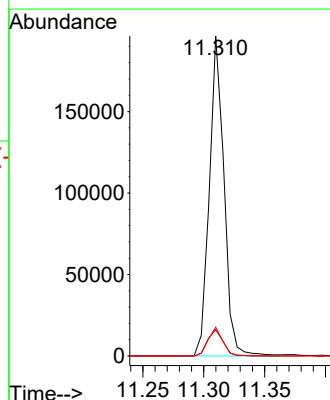
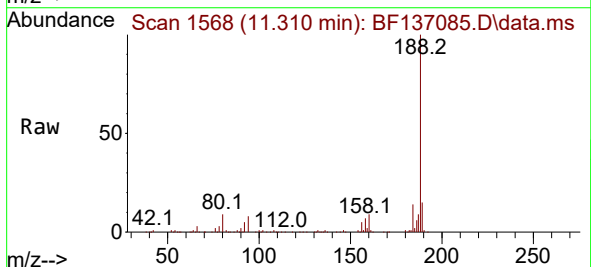
Instrument :
BNA_F
ClientSampleId :
MH-E

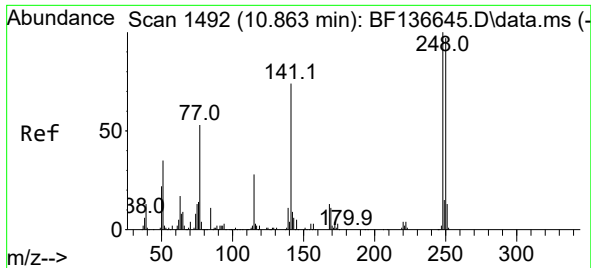
Tgt Ion:165	Resp:	12105
Ion Ratio	Lower	Upper
165	100	
63	1.2	41.0 61.6#
89	1.4	59.9 89.9#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

Tgt Ion:188	Resp:	163871
Ion Ratio	Lower	Upper
188	100	
94	8.2	7.5 11.3
80	9.0	8.1 12.1

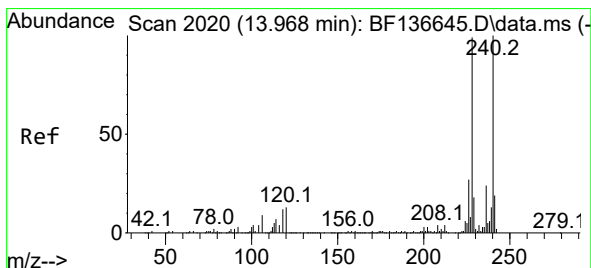
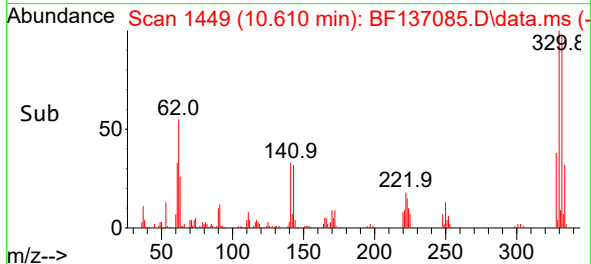
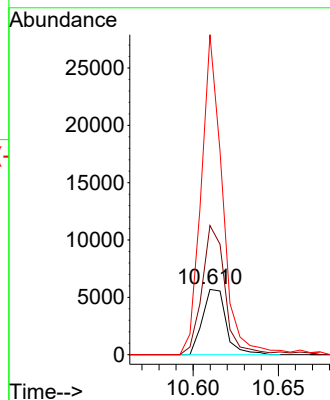
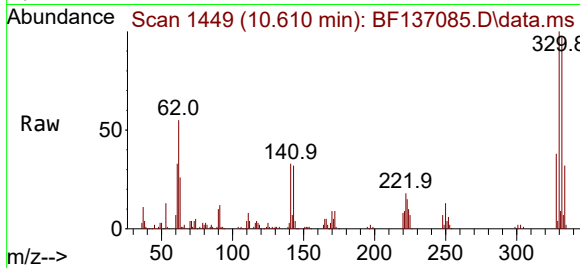




#67
4-Bromophenyl-phenylether
Concen: 3.016 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

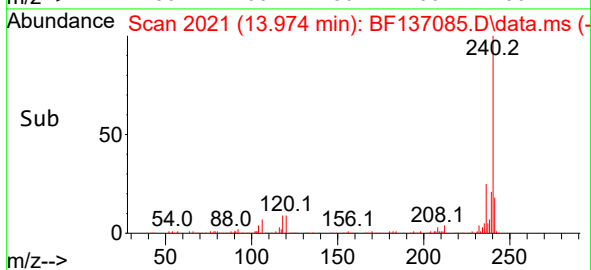
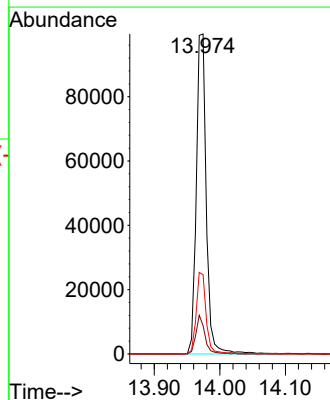
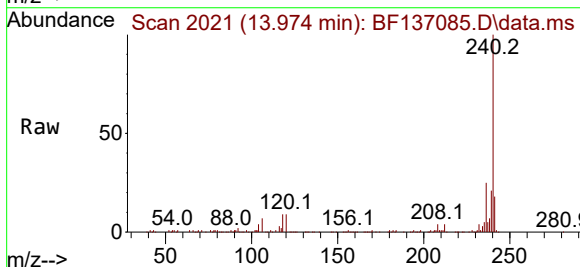
Instrument :
BNA_F
ClientSampleId :
MH-E

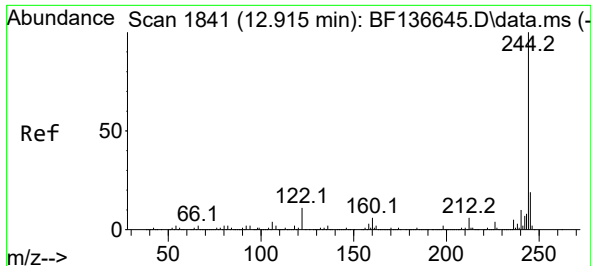
Tgt Ion:248 Resp: 5488
Ion Ratio Lower Upper
248 100
250 197.9 77.8 116.6#
141 490.1 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

Tgt Ion:240 Resp: 105596
Ion Ratio Lower Upper
240 100
120 8.9 10.3 15.5#
236 24.8 19.4 29.2

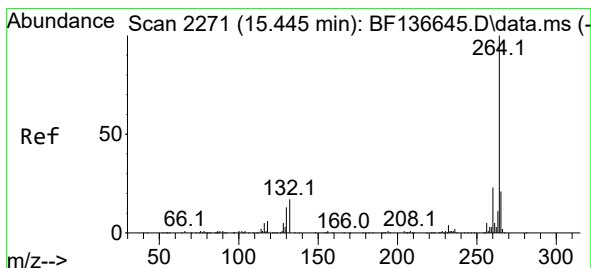
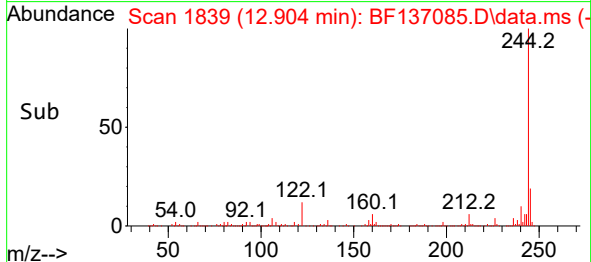
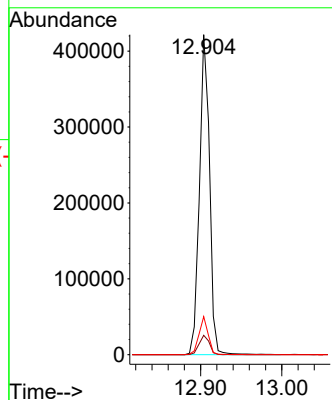
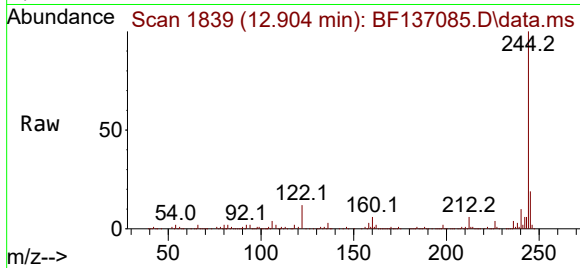




#79
 Terphenyl-d14
 Concen: 48.344 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF137085.D
 Acq: 16 Jan 2024 18:09

Instrument :
 BNA_F
 ClientSampleId :
 MH-E

Tgt Ion:244 Resp: 365298
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 11.9 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. 0.018 min
 Lab File: BF137085.D
 Acq: 16 Jan 2024 18:09

Tgt Ion:264 Resp: 127306
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.3 27.5
 265 21.4 17.0 25.6

