

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137093.D
 Acq On : 17 Jan 2024 15:01
 Operator : CG\JU
 Sample : PB158472BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158472BL

Quant Time: Jan 17 15:35:06 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)

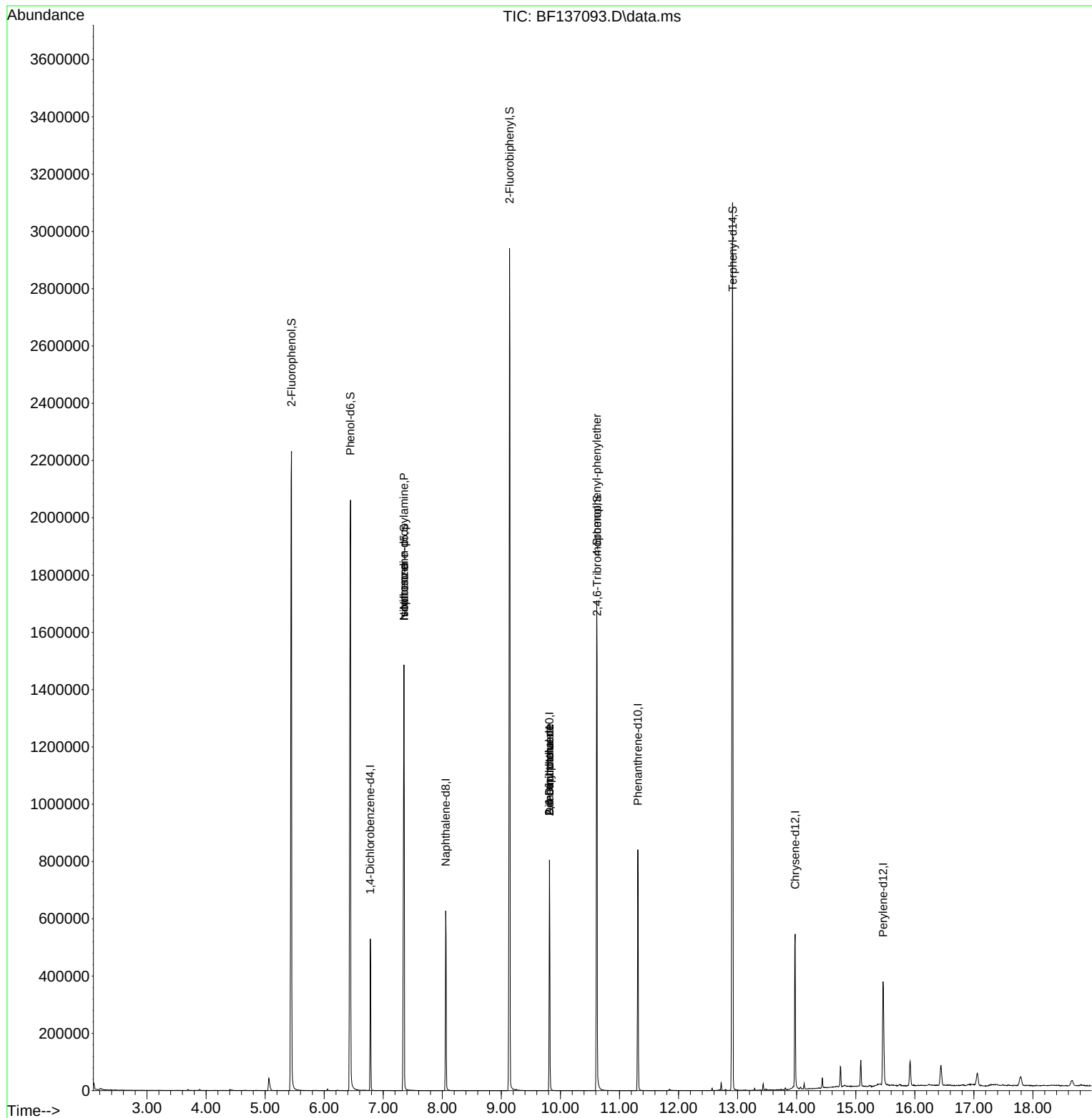
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	76793	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	303675	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	159732	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	311916	20.000	ng	0.00
76) Chrysene-d12	13.974	240	198873	20.000	ng	0.00
86) Perylene-d12	15.463	264	162581	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	720234	146.338	ng	0.02
7) Phenol-d6	6.445	99	893011	140.028	ng	0.00
23) Nitrobenzene-d5	7.351	82	565278	95.253	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	249529	132.644	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1119810	94.291	ng	-0.01
79) Terphenyl-d14	12.916	244	1290096	90.654	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	74783	19.344	ng	# 73
25) Isophorone	7.351	82	565270	52.347	ng	# 65
50) Dimethylphthalate	9.816	163	31188	2.673	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	19933	7.528	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	19933	5.799	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	14361	4.146	ng	# 1

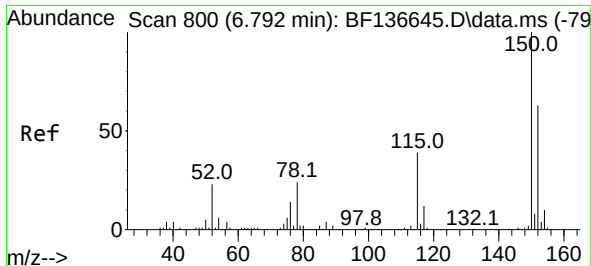
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

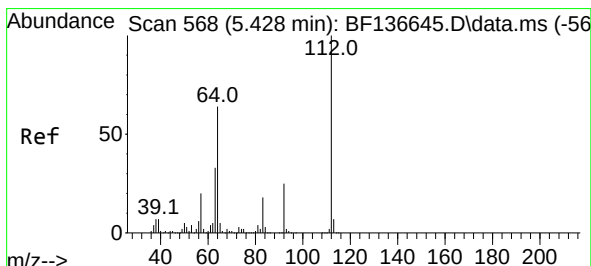
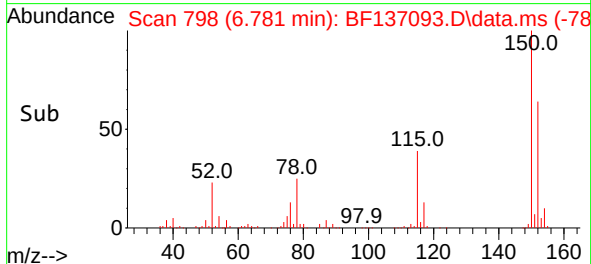
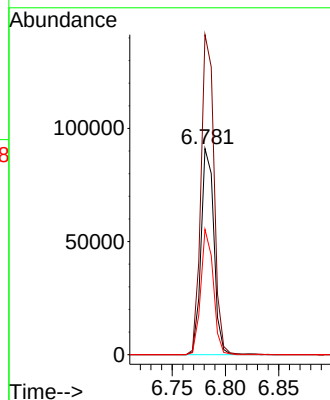
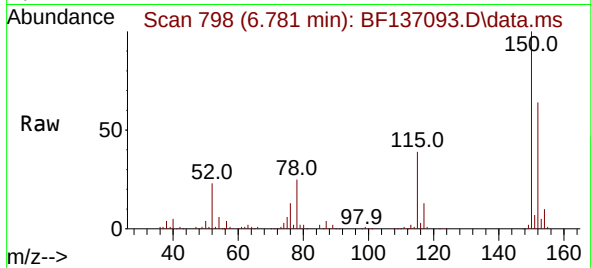




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF137093.D
Acq: 17 Jan 2024 15:01

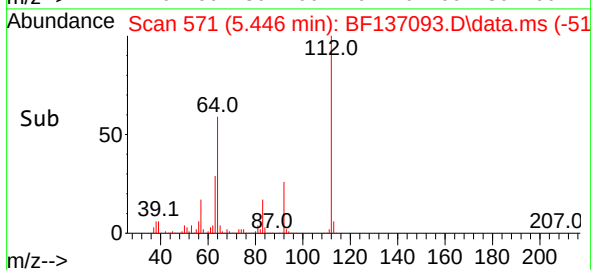
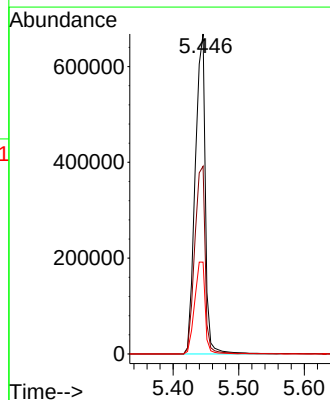
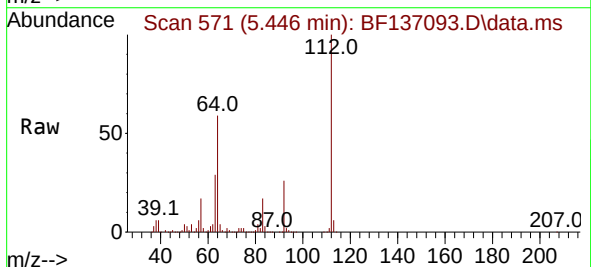
Instrument :
BNA_F
ClientSampleId :
PB158472BL

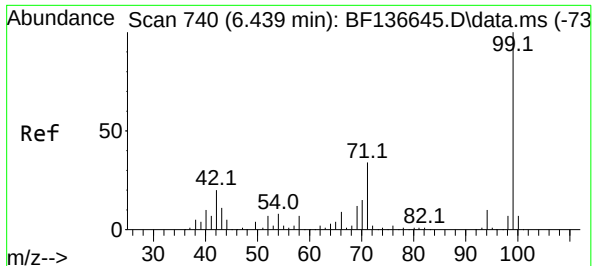
Tgt Ion:152 Resp: 76793
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 60.8 49.0 73.4



#5
2-Fluorophenol
Concen: 146.338 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137093.D
Acq: 17 Jan 2024 15:01

Tgt Ion:112 Resp: 720234
Ion Ratio Lower Upper
112 100
64 58.6 51.1 76.7
63 28.7 26.1 39.1

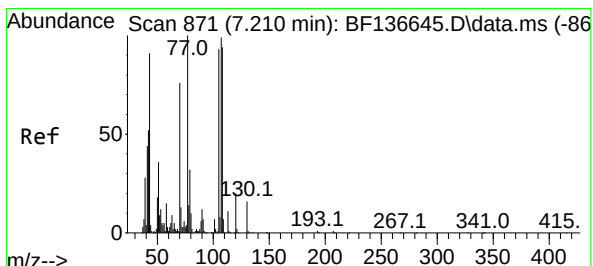
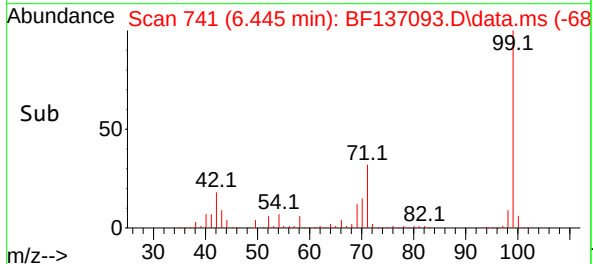
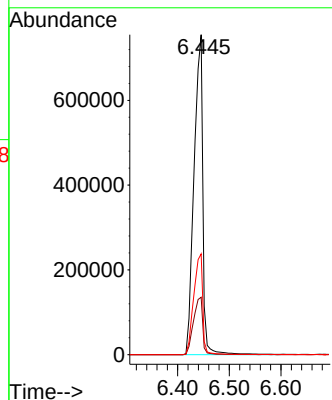
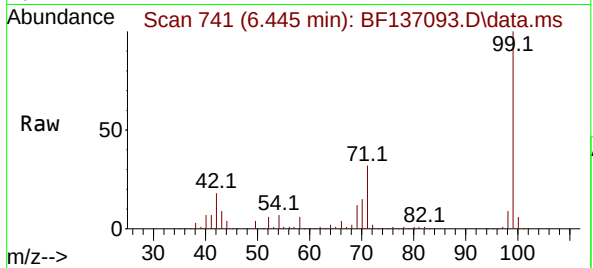




#7
Phenol-d6
Concen: 140.028 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137093.D
Acq: 17 Jan 2024 15:01

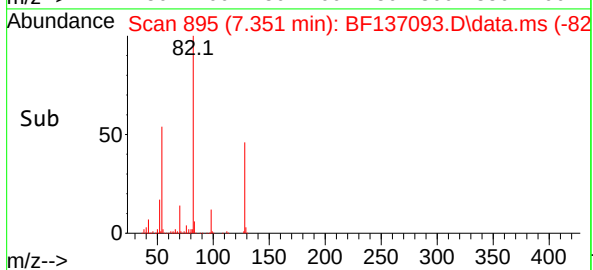
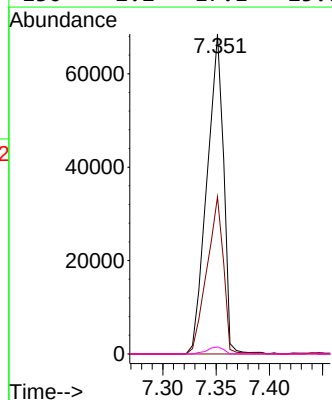
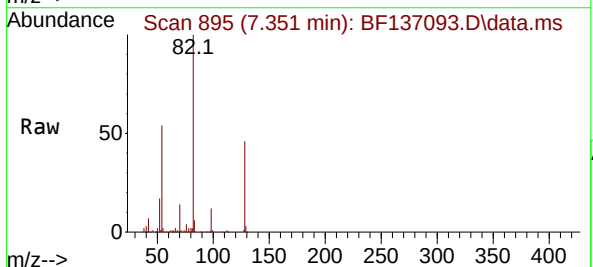
Instrument :
BNA_F
ClientSampleId :
PB158472BL

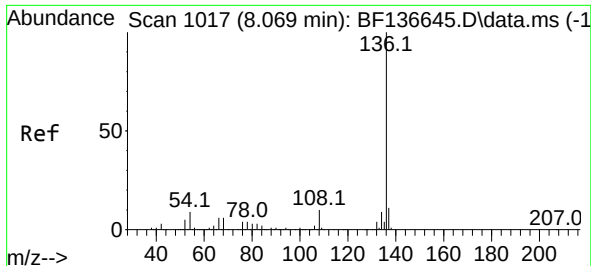
Tgt Ion: 99 Resp: 893011
Ion Ratio Lower Upper
99 100
42 17.9 16.1 24.1
71 31.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.344 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137093.D
Acq: 17 Jan 2024 15:01

Tgt Ion: 70 Resp: 74783
Ion Ratio Lower Upper
70 100
42 49.1 54.2 81.4#
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#



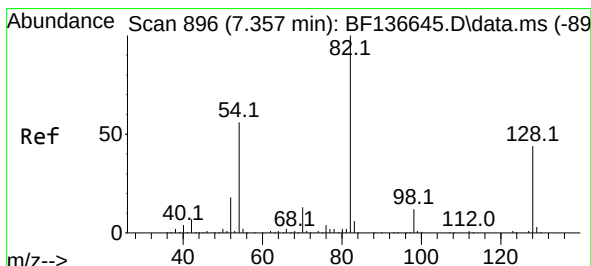
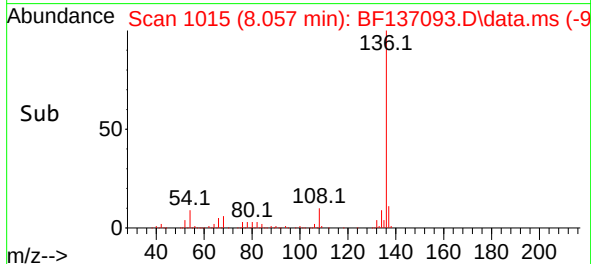
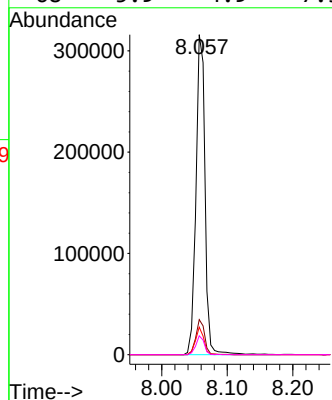
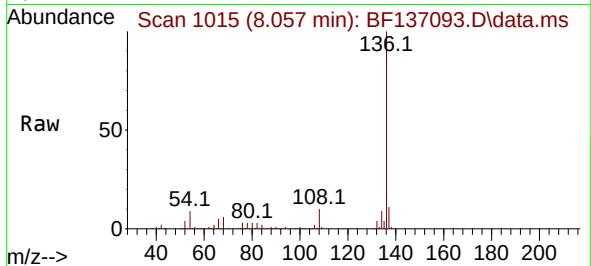


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137093.D
Acq: 17 Jan 2024 15:01

Instrument :
BNA_F
ClientSampleId :
PB158472BL

Tgt Ion:136 Resp: 303675

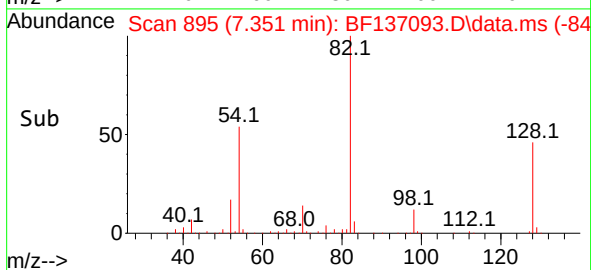
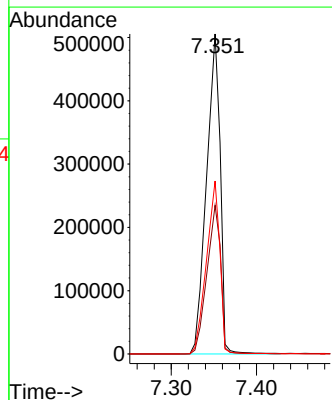
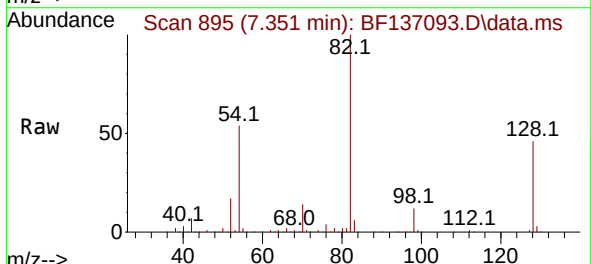
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.6	7.2	10.8
68	5.9	4.9	7.3

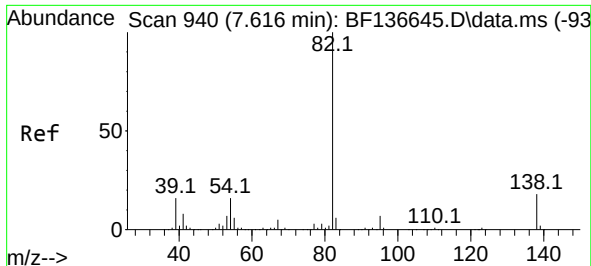


#23
Nitrobenzene-d5
Concen: 95.253 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137093.D
Acq: 17 Jan 2024 15:01

Tgt Ion: 82 Resp: 565278

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.3	52.9
54	54.1	44.5	66.7

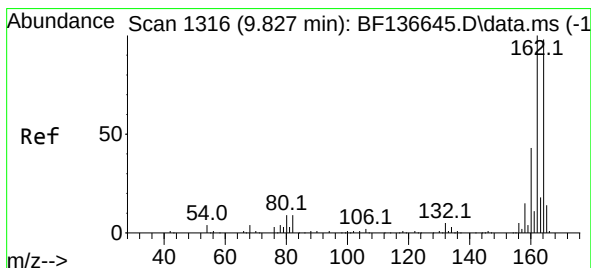
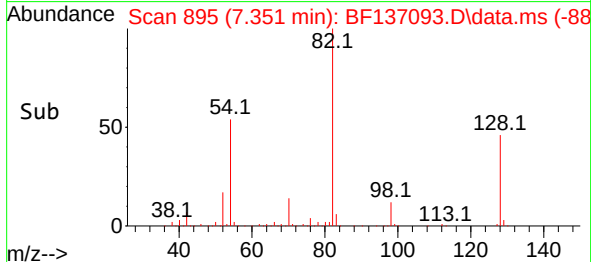
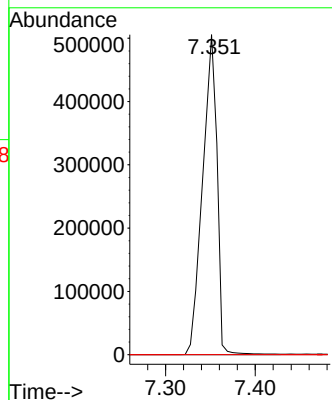
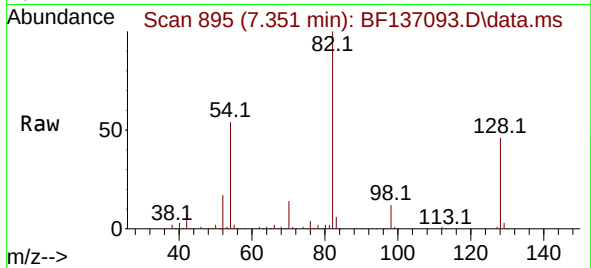




#25
Isophorone
Concen: 52.347 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137093.D
Acq: 17 Jan 2024 15:01

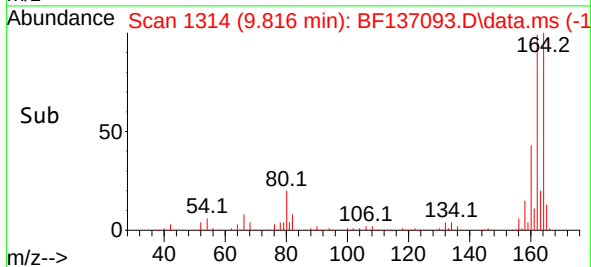
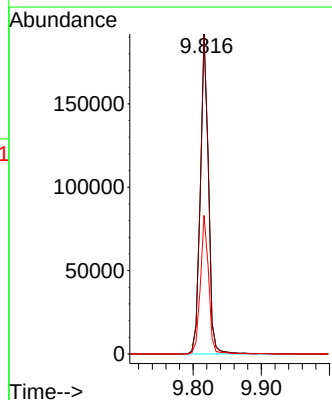
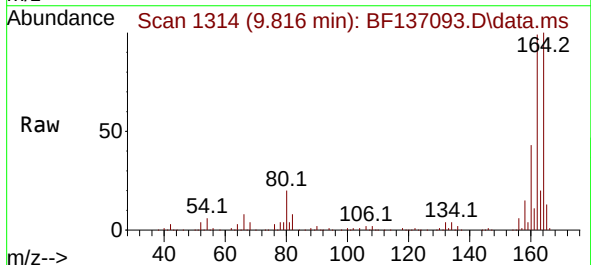
Instrument :
BNA_F
ClientSampleId :
PB158472BL

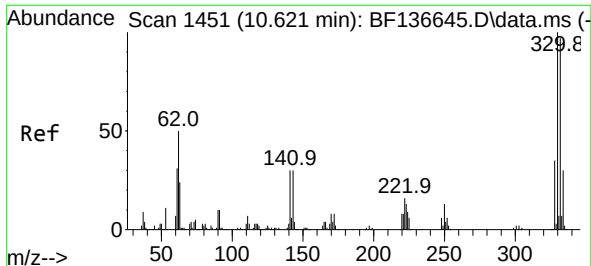
Tgt Ion: 82 Resp: 565270
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137093.D
Acq: 17 Jan 2024 15:01

Tgt Ion:164 Resp: 159732
Ion Ratio Lower Upper
164 100
162 99.4 81.6 122.4
160 43.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 132.644 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF137093.D

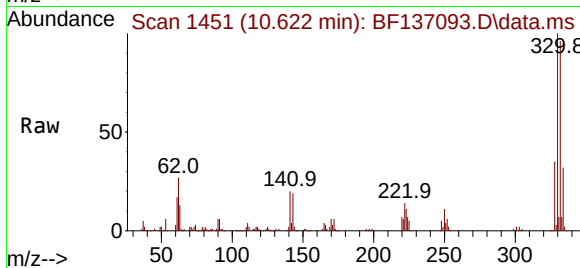
Acq: 17 Jan 2024 15:01

Instrument :

BNA_F

ClientSampleId :

PB158472BL



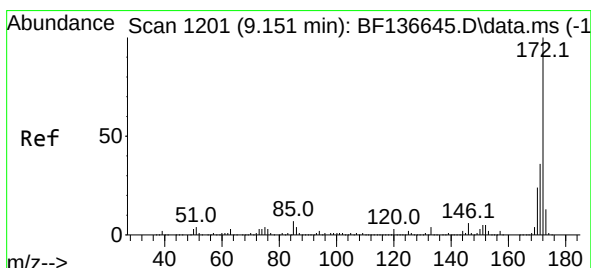
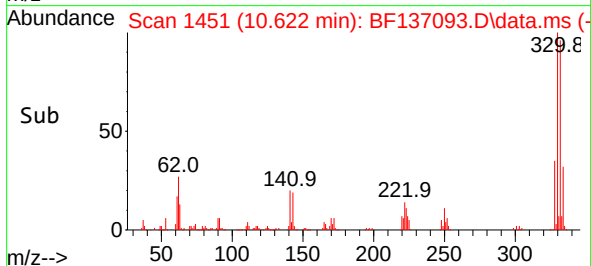
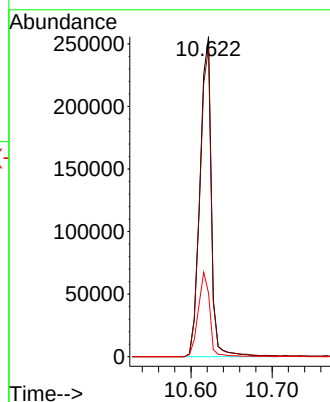
Tgt Ion:330 Resp: 249529

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

141 26.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 94.291 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137093.D

Acq: 17 Jan 2024 15:01

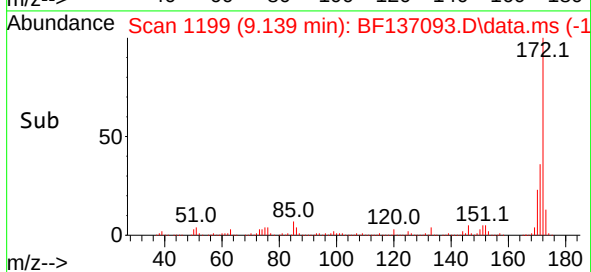
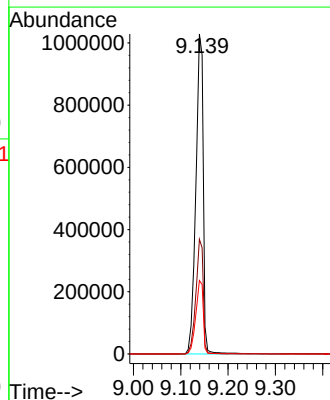
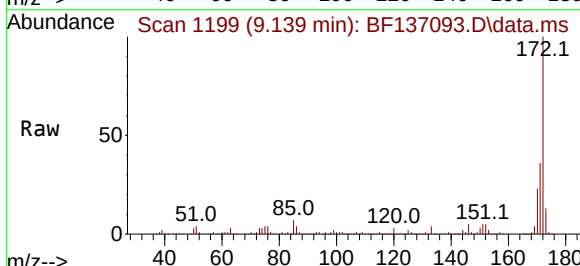
Tgt Ion:172 Resp: 1119810

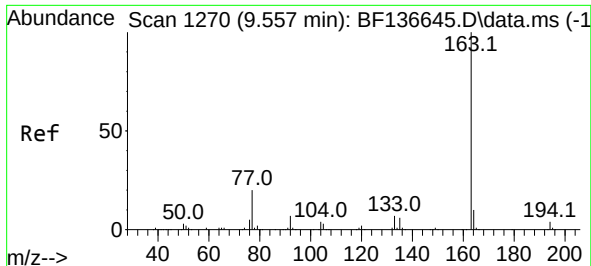
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.0 19.0 28.4

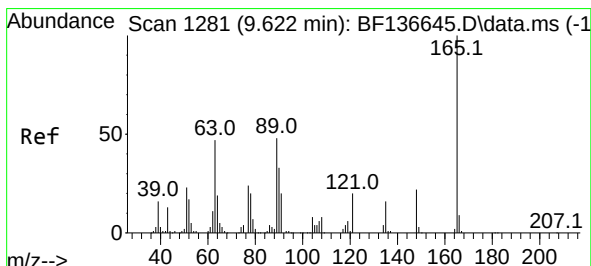
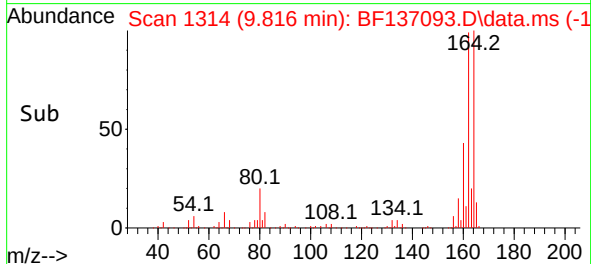
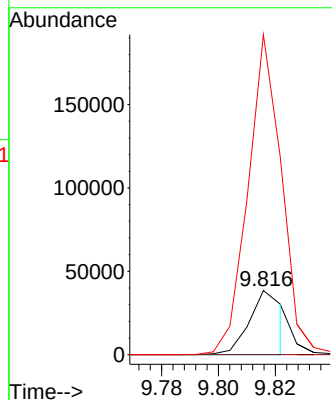
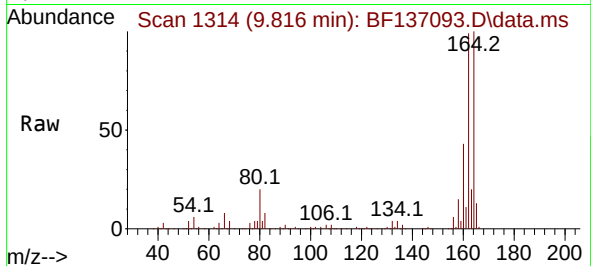




#50
Dimethylphthalate
Concen: 2.673 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137093.D
Acq: 17 Jan 2024 15:01

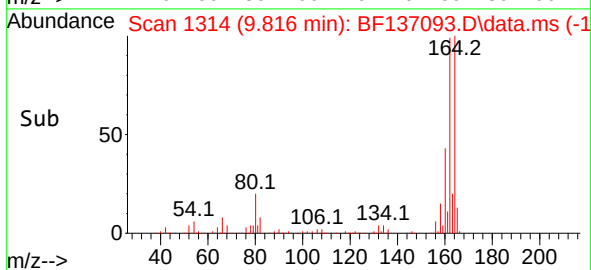
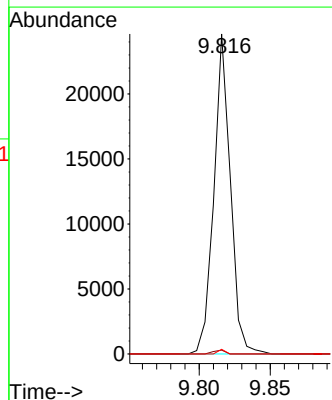
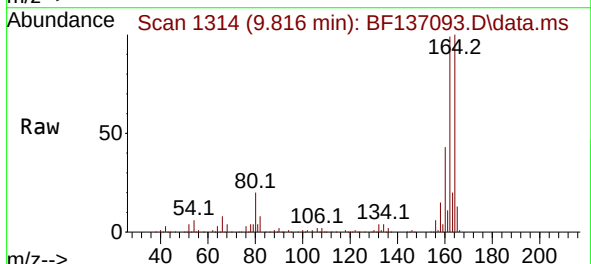
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BNA_F
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PB158472BL

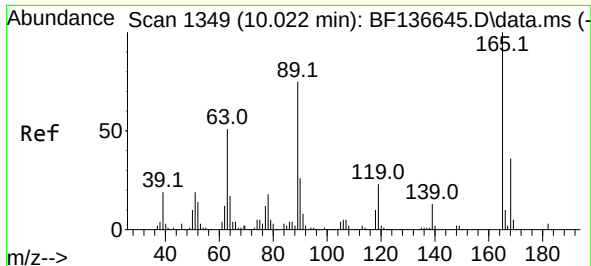
Tgt Ion:163 Resp: 31188
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 498.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.528 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137093.D
Acq: 17 Jan 2024 15:01

Tgt Ion:165 Resp: 19933
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.4 38.8 58.2#

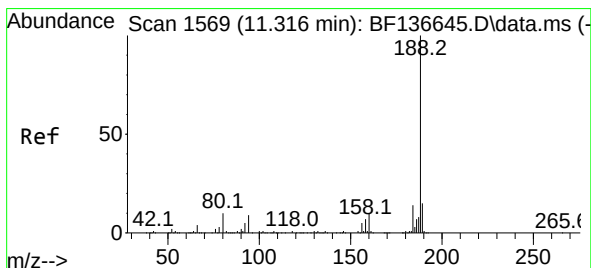
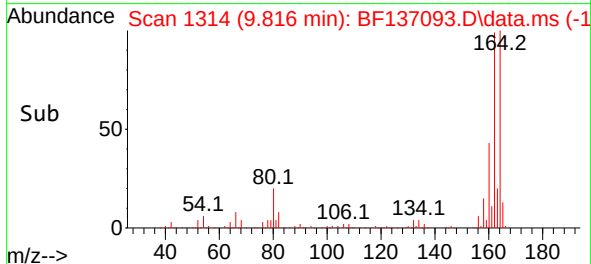
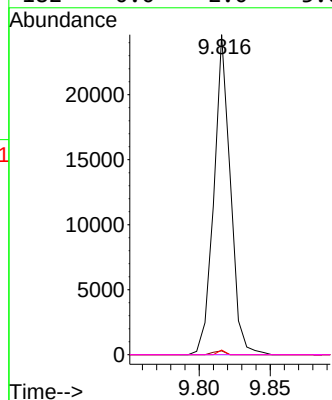
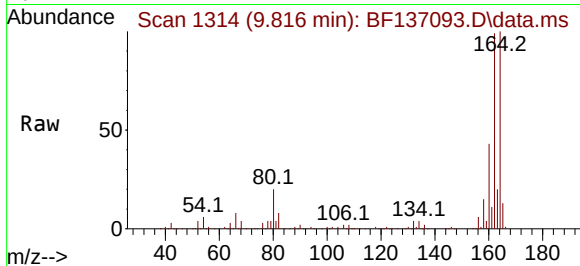




#57
2,4-Dinitrotoluene
Concen: 5.799 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137093.D
Acq: 17 Jan 2024 15:01

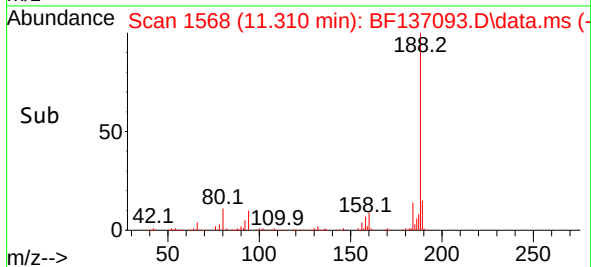
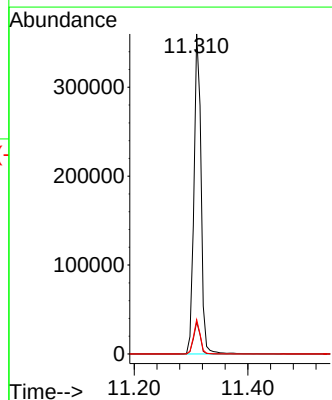
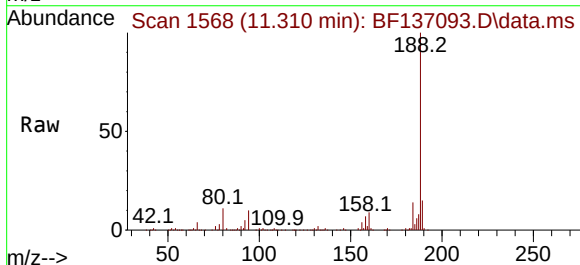
Instrument :
BNA_F
ClientSampleId :
PB158472BL

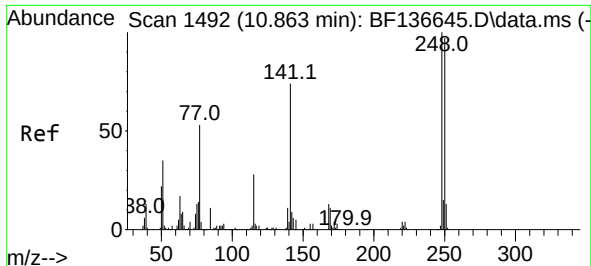
Tgt Ion:165 Resp: 19933
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 1.4 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137093.D
Acq: 17 Jan 2024 15:01

Tgt Ion:188 Resp: 311916
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 10.7 8.1 12.1

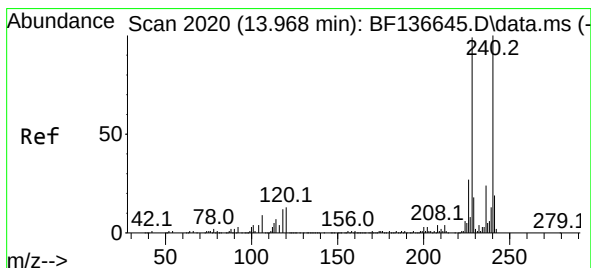
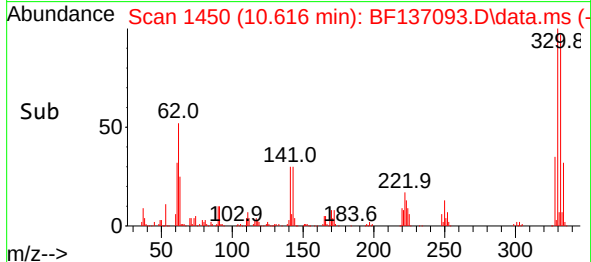
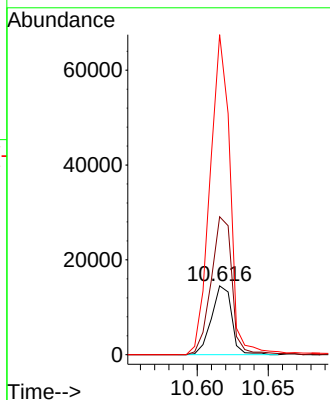
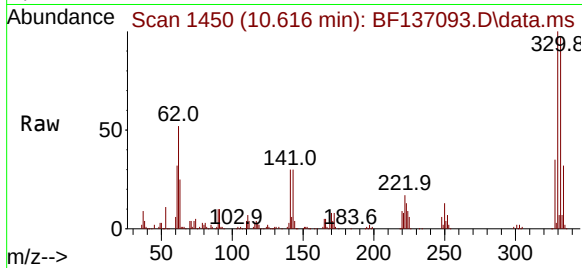




#67
4-Bromophenyl-phenylether
Concen: 4.146 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF137093.D
Acq: 17 Jan 2024 15:01

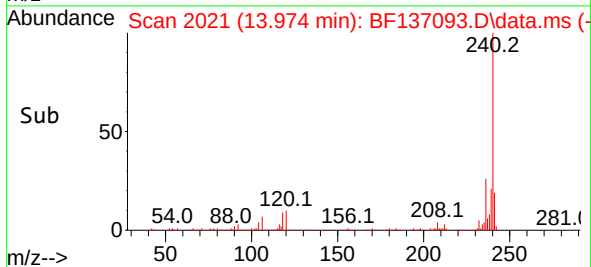
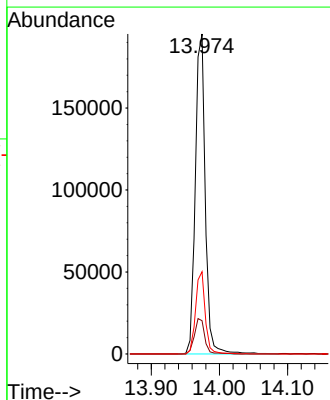
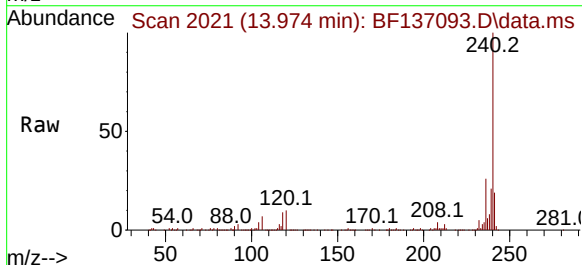
Instrument :
BNA_F
ClientSampleId :
PB158472BL

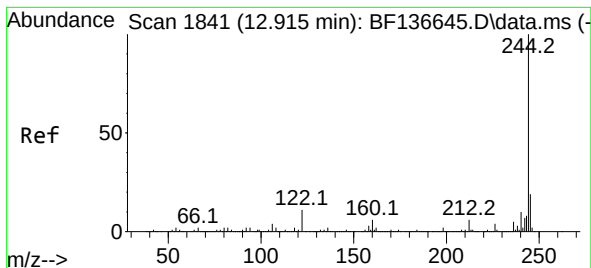
Tgt Ion:248 Resp: 14361
Ion Ratio Lower Upper
248 100
250 200.6 77.8 116.6#
141 465.3 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137093.D
Acq: 17 Jan 2024 15:01

Tgt Ion:240 Resp: 198873
Ion Ratio Lower Upper
240 100
120 10.4 10.3 15.5
236 25.7 19.4 29.2





#79

Terphenyl-d14

Concen: 90.654 ng

RT: 12.916 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137093.D

Acq: 17 Jan 2024 15:01

Instrument :

BNA_F

ClientSampleId :

PB158472BL

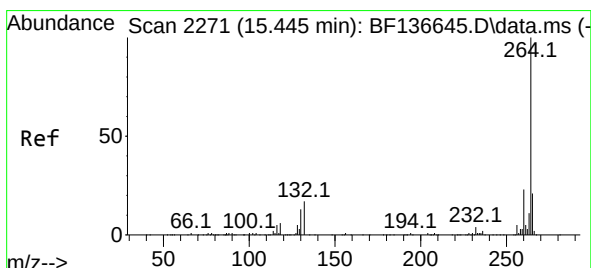
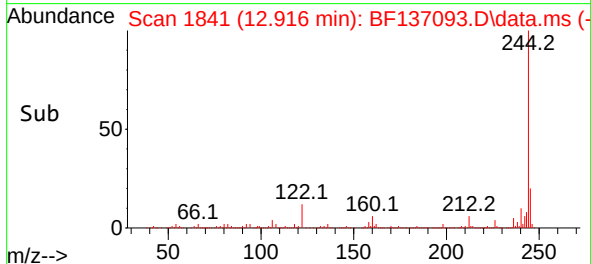
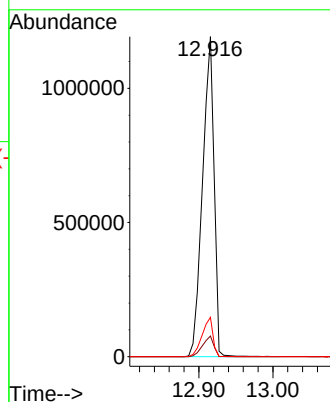
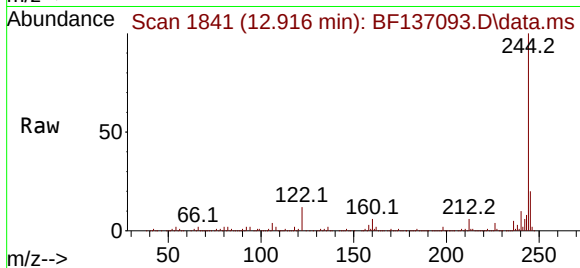
Tgt Ion:244 Resp: 1290096

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 12.3 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: BF137093.D

Acq: 17 Jan 2024 15:01

Tgt Ion:264 Resp: 162581

Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 21.5 17.0 25.6

