

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137066.D
 Acq On : 15 Jan 2024 16:39
 Operator : CG\JU
 Sample : P1136-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-C

Quant Time: Jan 15 17:06:26 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)

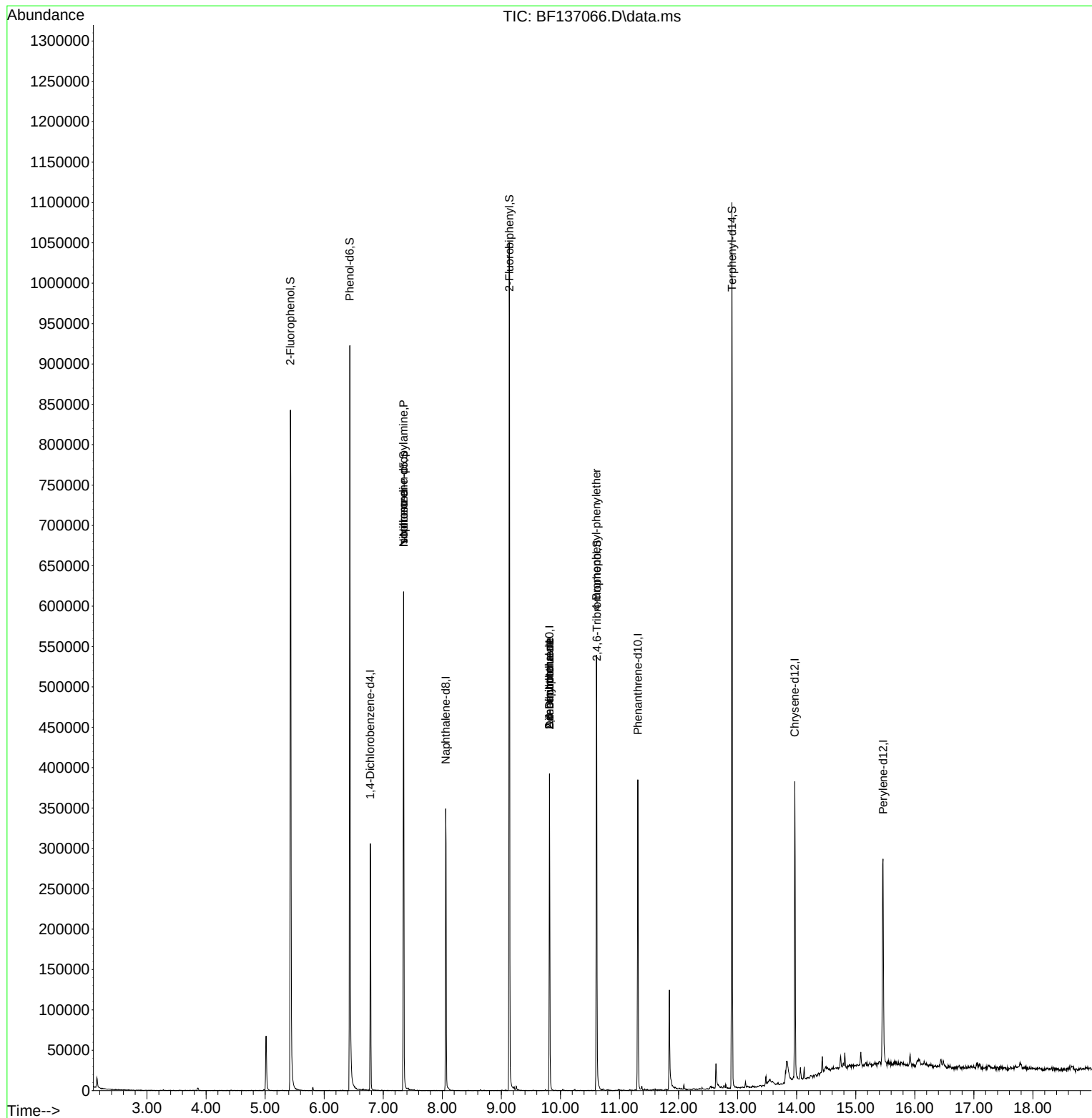
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	44859	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	159289	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	73780	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	135182	20.000	ng	0.00
76) Chrysene-d12	13.969	240	123697	20.000	ng	0.00
86) Perylene-d12	15.463	264	126876	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	251248	87.389	ng	0.00
7) Phenol-d6	6.434	99	302165	81.110	ng	0.00
23) Nitrobenzene-d5	7.345	82	178021	57.189	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	74586	85.837	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	344210	62.748	ng	-0.02
79) Terphenyl-d14	12.904	244	379907	42.920	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	22771	10.083	ng	# 75
25) Isophorone	7.345	82	178018	31.429	ng	# 65
50) Dimethylphthalate	9.816	163	13772	2.556	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	9227	7.544	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	9227	5.811	ng	# 19
67) 4-Bromophenyl-phenylether	10.610	248	4192	2.792	ng	# 1

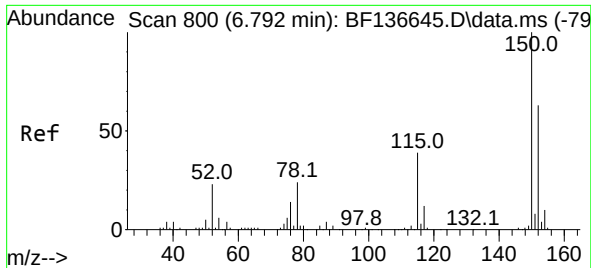
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

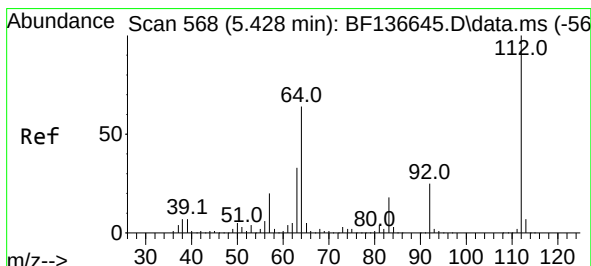
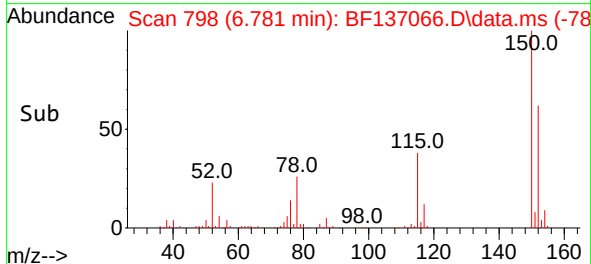
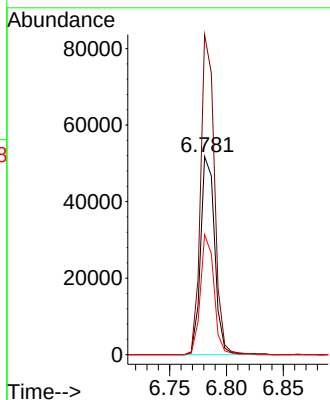
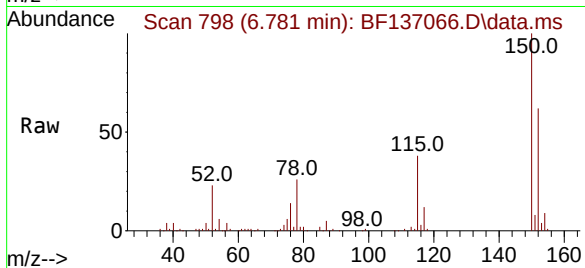




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF137066.D
 Acq: 15 Jan 2024 16:39

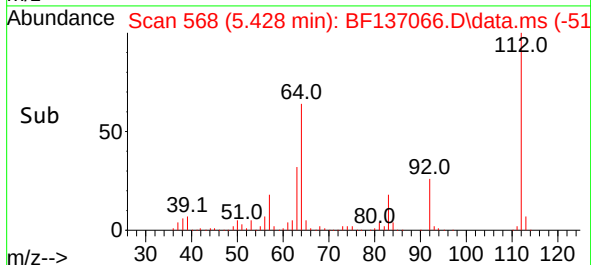
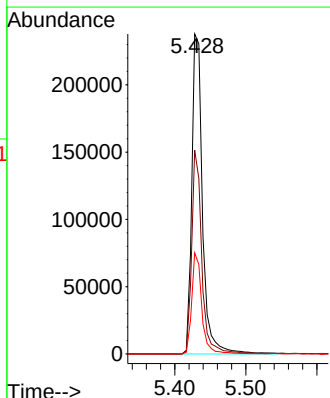
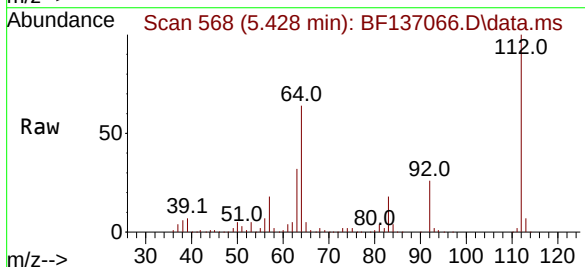
Instrument :
 BNA_F
 ClientSampleId :
 MH-C

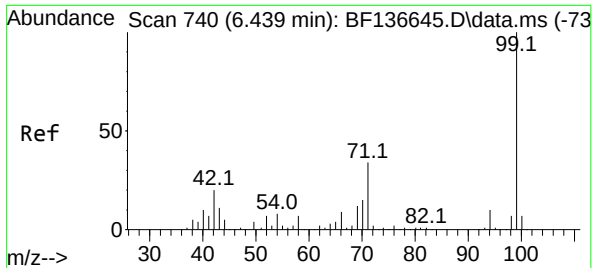
Tgt Ion:152 Resp: 44859
 Ion Ratio Lower Upper
 152 100
 150 161.5 127.0 190.6
 115 60.7 49.0 73.4



#5
 2-Fluorophenol
 Concen: 87.389 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF137066.D
 Acq: 15 Jan 2024 16:39

Tgt Ion:112 Resp: 251248
 Ion Ratio Lower Upper
 112 100
 64 63.7 51.1 76.7
 63 31.6 26.1 39.1

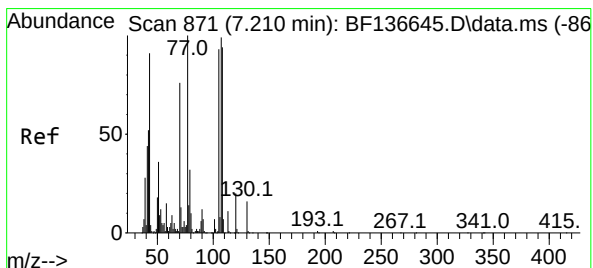
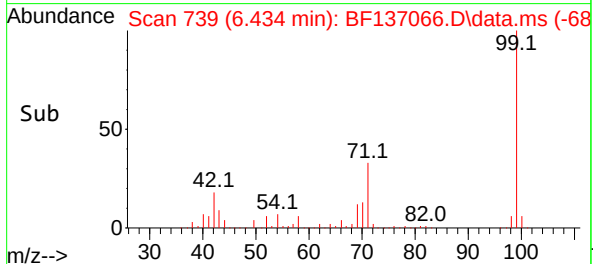
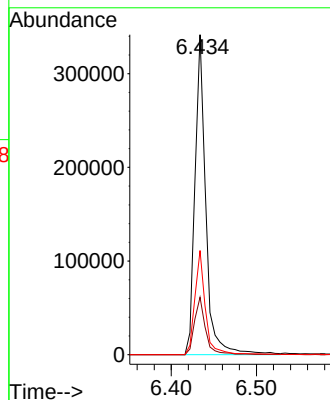
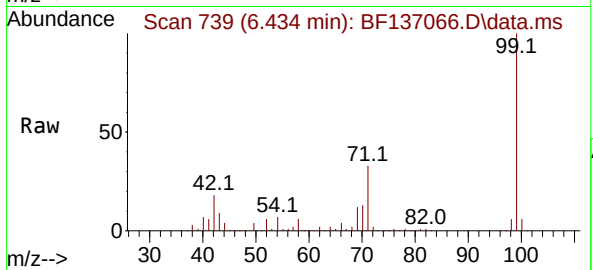




#7
Phenol-d6
Concen: 81.110 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

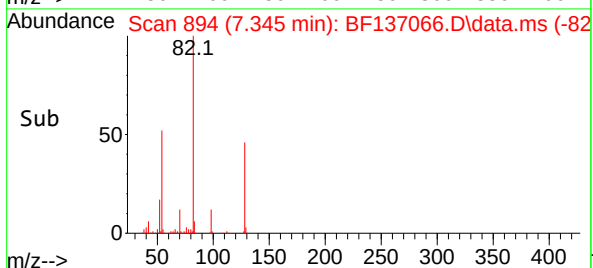
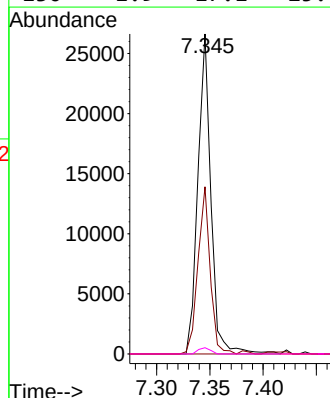
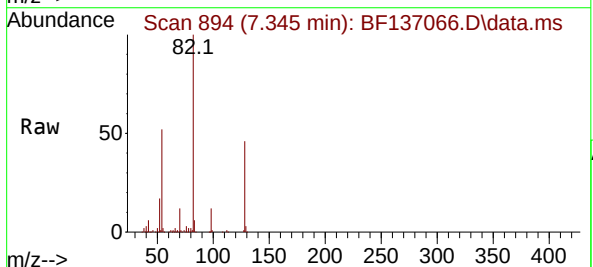
Instrument :
BNA_F
ClientSampleId :
MH-C

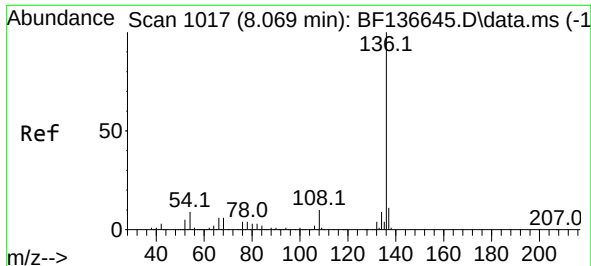
Tgt Ion: 99 Resp: 302165
Ion Ratio Lower Upper
99 100
42 18.0 16.1 24.1
71 32.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.083 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

Tgt Ion: 70 Resp: 22771
Ion Ratio Lower Upper
70 100
42 52.2 54.2 81.4#
101 0.0 7.6 11.4#
130 1.9 17.1 25.7#

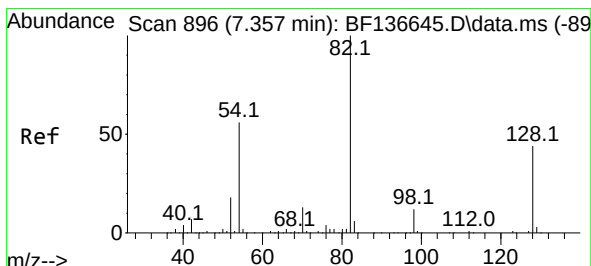
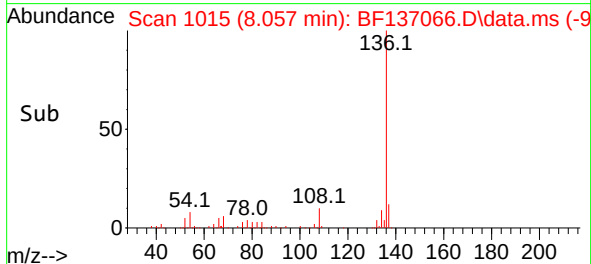
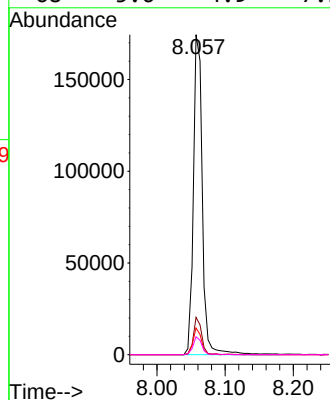
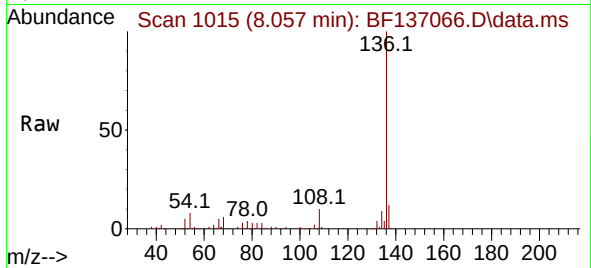




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

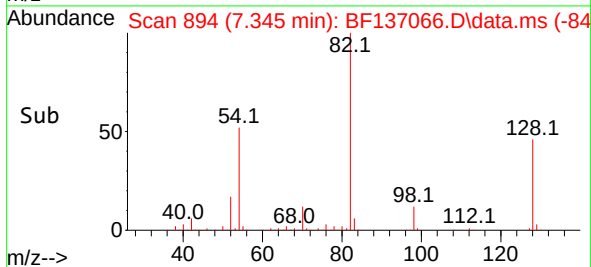
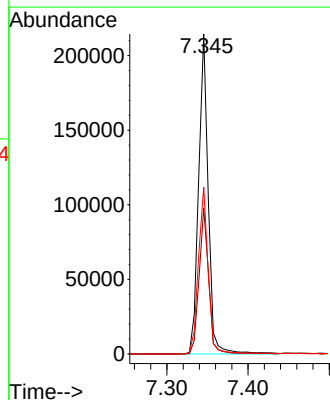
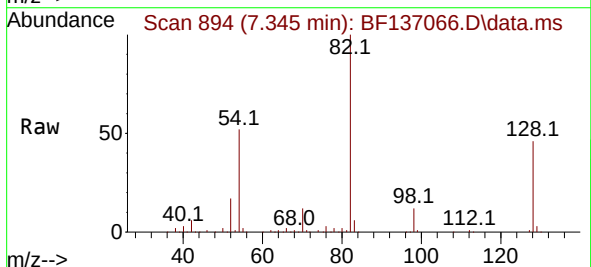
Instrument :
BNA_F
ClientSampleId :
MH-C

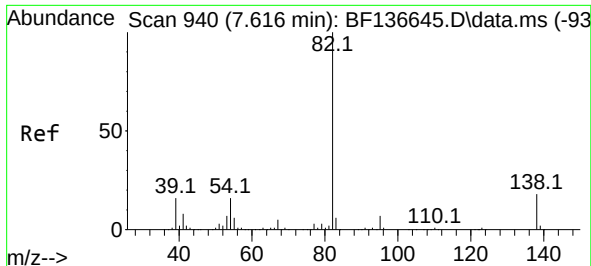
Tgt Ion:	136	Resp:	159289
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	8.3	7.2	10.8
68	5.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 57.189 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

Tgt Ion:	82	Resp:	178021
Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.3	52.9
54	52.1	44.5	66.7

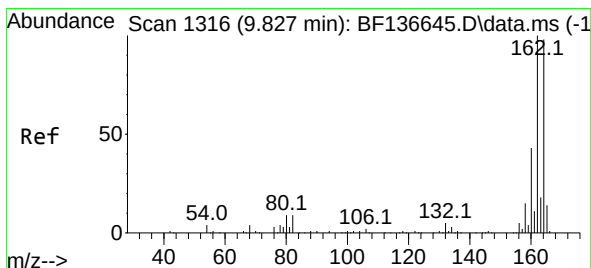
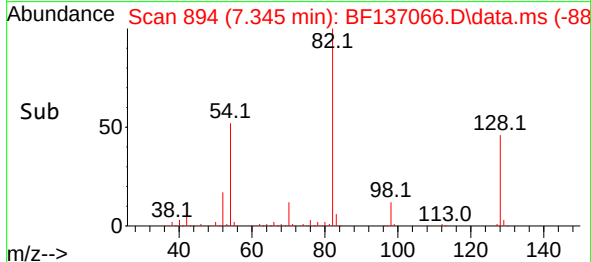
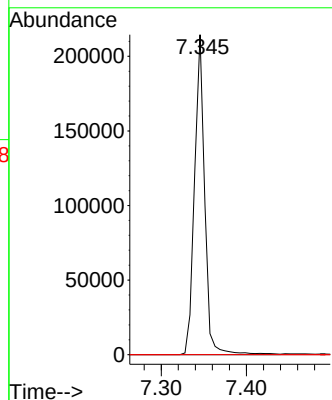
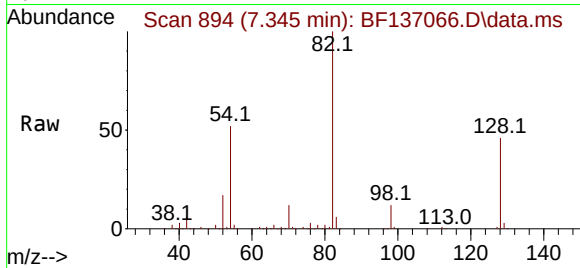




#25
Isophorone
Concen: 31.429 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

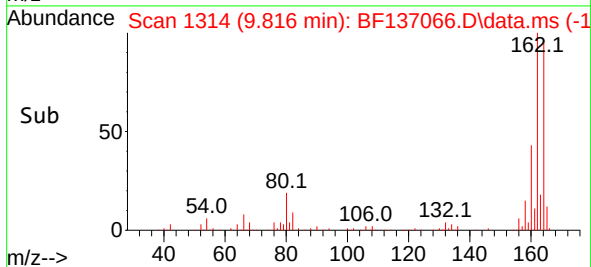
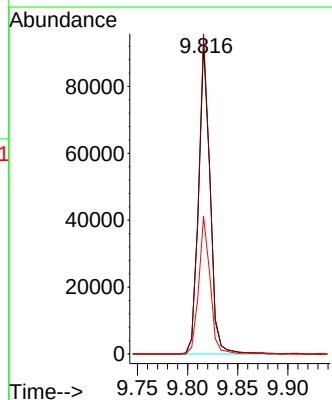
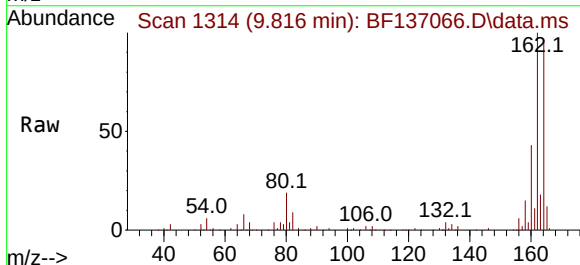
Instrument :
BNA_F
ClientSampleId :
MH-C

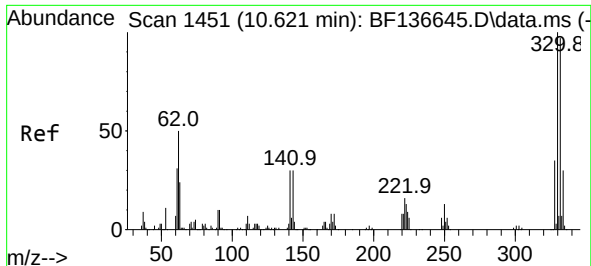
Tgt Ion: 82 Resp: 178018
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

Tgt Ion: 164 Resp: 73780
Ion Ratio Lower Upper
164 100
162 103.8 81.6 122.4
160 44.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 85.837 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137066.D

Acq: 15 Jan 2024 16:39

Instrument :

BNA_F

ClientSampleId :

MH-C

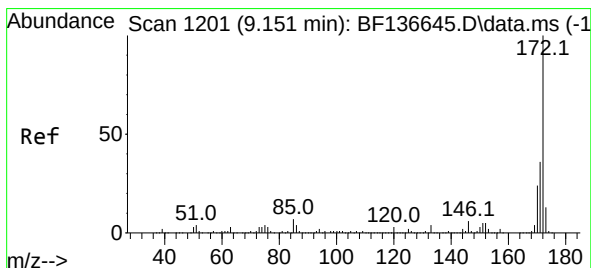
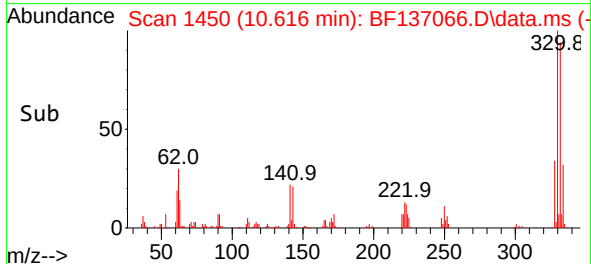
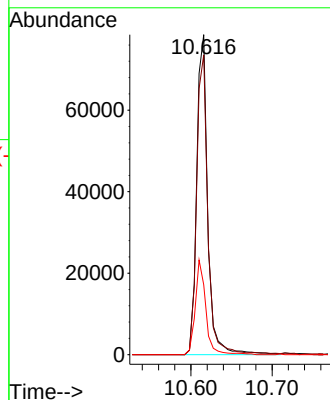
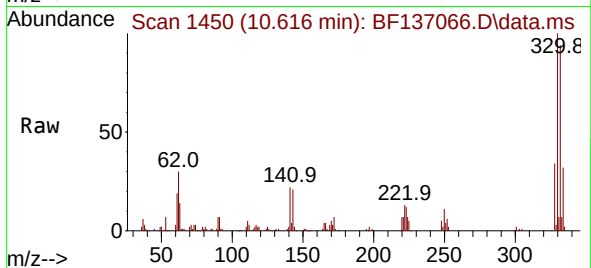
Tgt Ion:330 Resp: 74586

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

141 28.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 62.748 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF137066.D

Acq: 15 Jan 2024 16:39

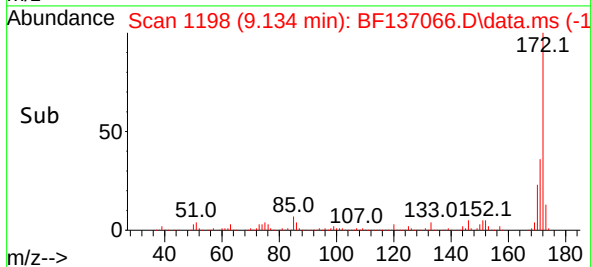
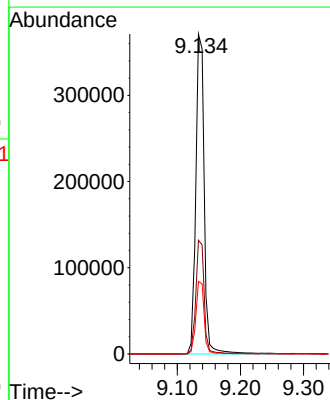
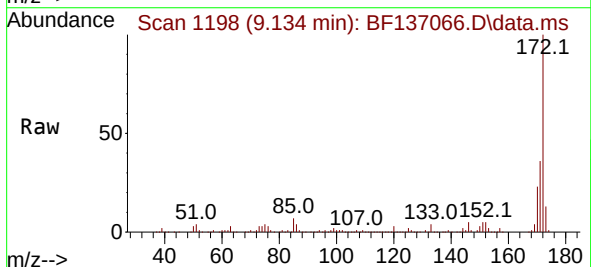
Tgt Ion:172 Resp: 344210

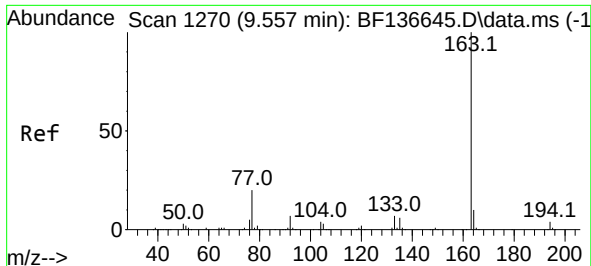
Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

170 22.6 19.0 28.4

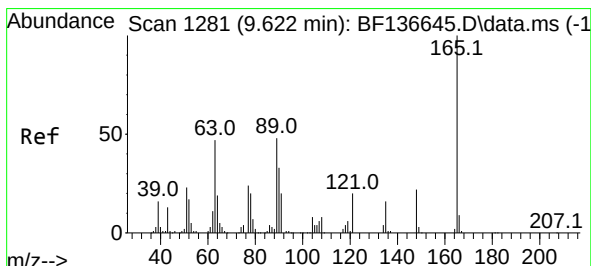
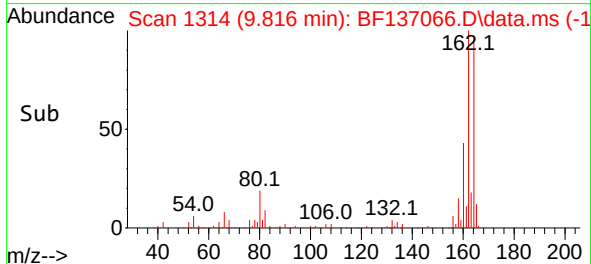
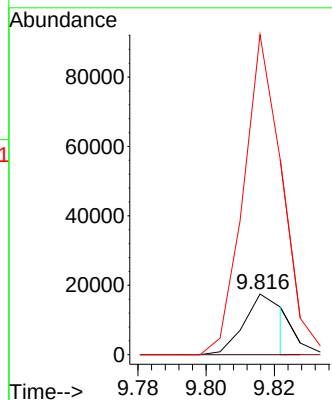
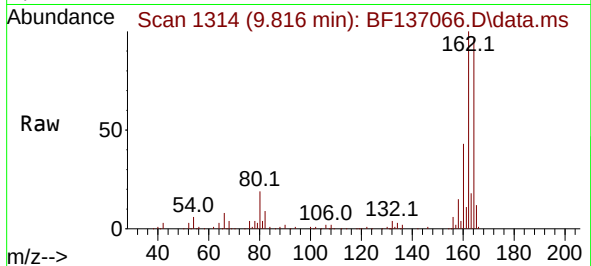




#50
Dimethylphthalate
Concen: 2.556 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

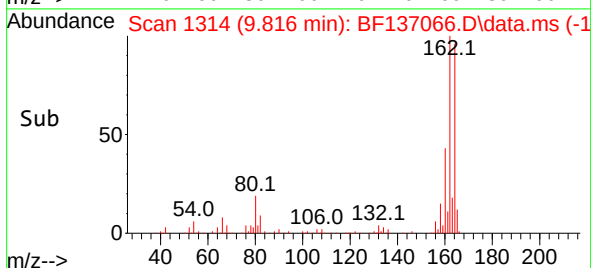
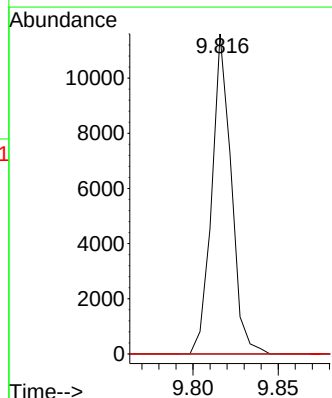
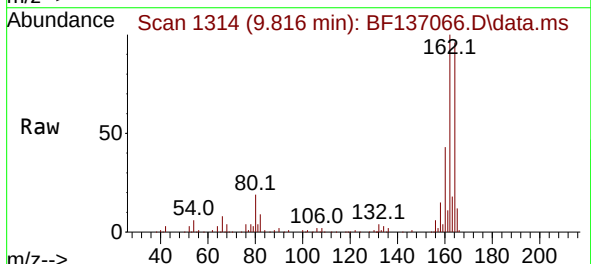
Instrument :
BNA_F
ClientSampleId :
MH-C

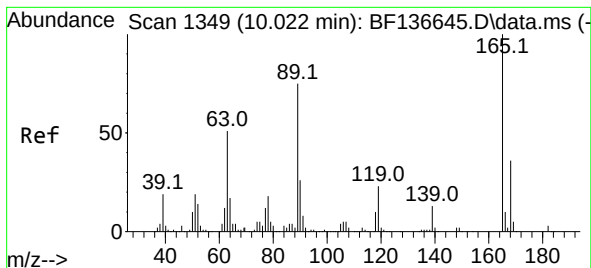
Tgt Ion:163 Resp: 13772
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 527.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.544 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

Tgt Ion:165 Resp: 9227
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 0.0 38.8 58.2#

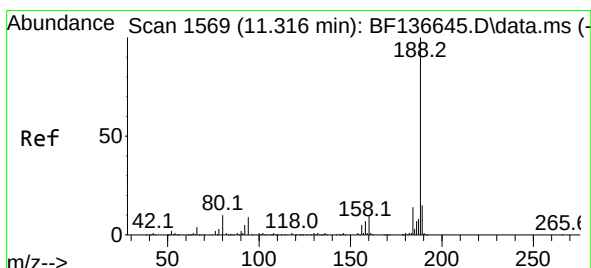
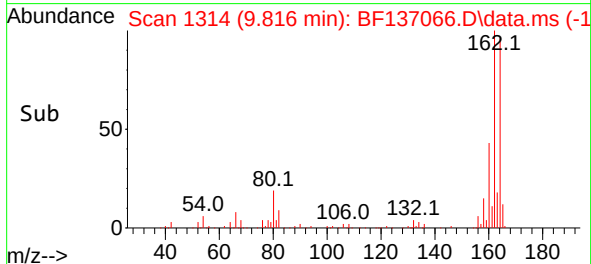
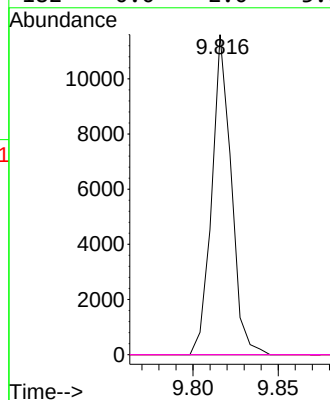
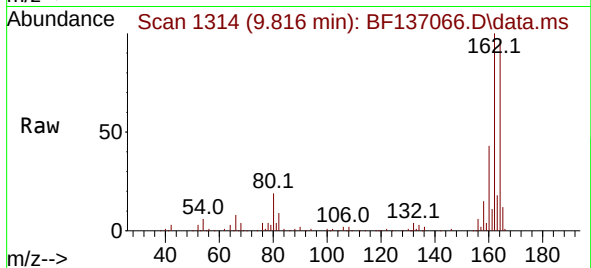




#57
2,4-Dinitrotoluene
Concen: 5.811 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

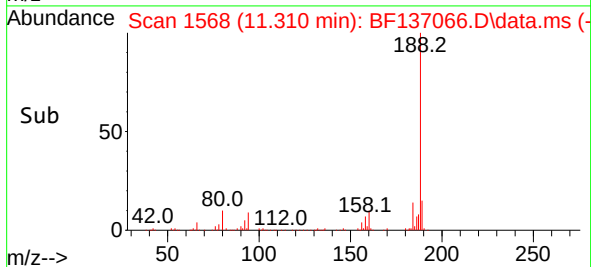
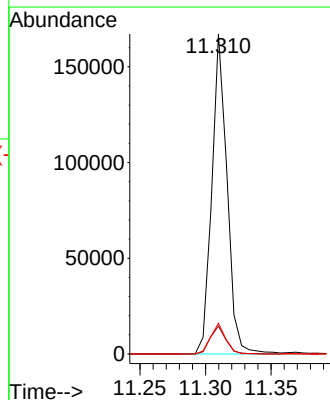
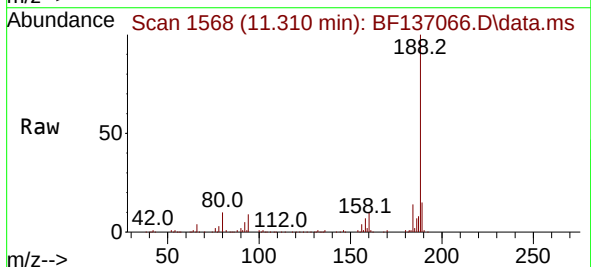
Instrument :
BNA_F
ClientSampleId :
MH-C

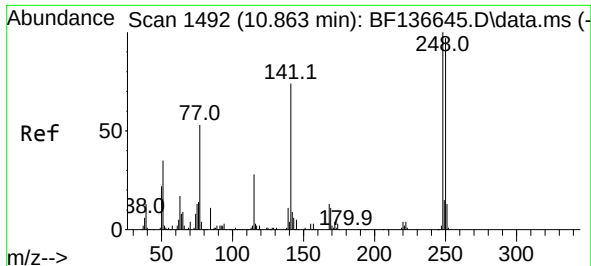
Tgt Ion:165 Resp: 9227
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

Tgt Ion:188 Resp: 135182
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.6 8.1 12.1

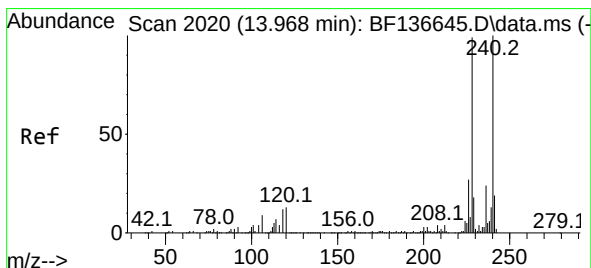
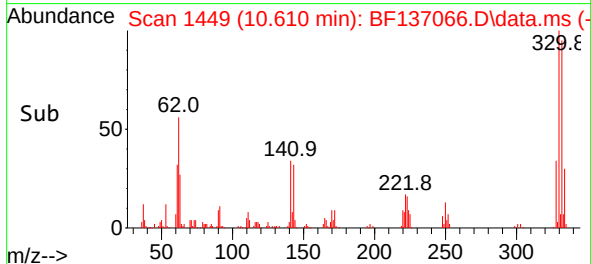
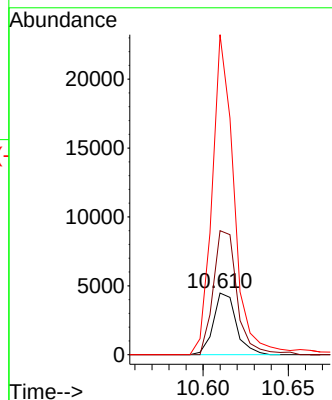
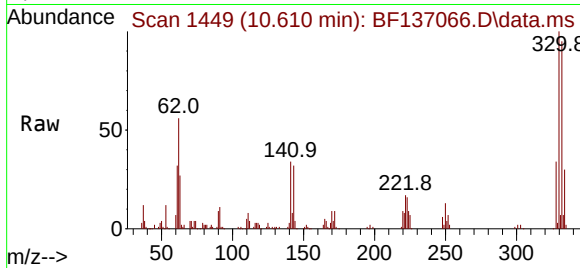




#67
4-Bromophenyl-phenylether
Concen: 2.792 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

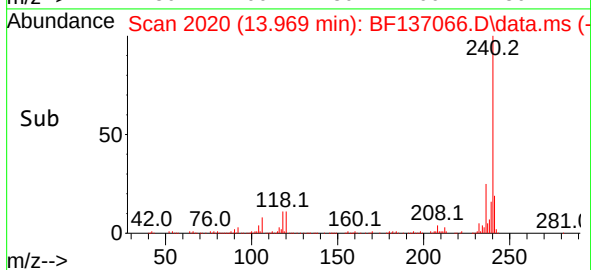
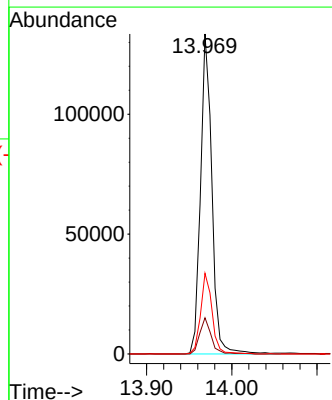
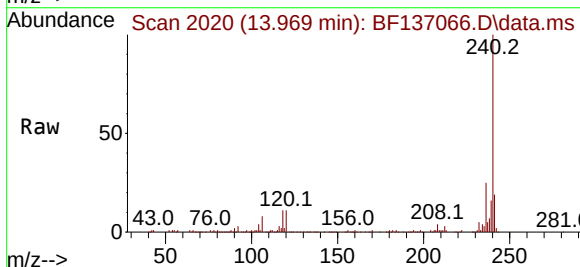
Instrument :
BNA_F
ClientSampleId :
MH-C

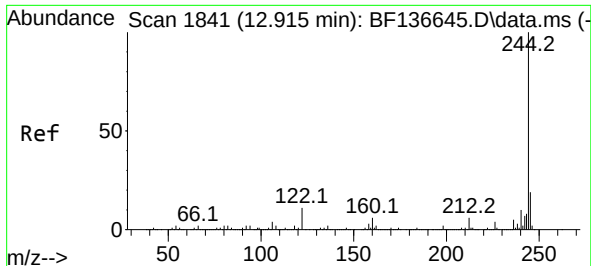
Tgt Ion:248 Resp: 4192
Ion Ratio Lower Upper
248 100
250 201.6 77.8 116.6#
141 519.8 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

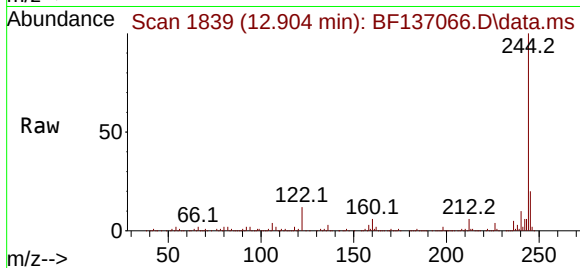
Tgt Ion:240 Resp: 123697
Ion Ratio Lower Upper
240 100
120 11.3 10.3 15.5
236 25.2 19.4 29.2



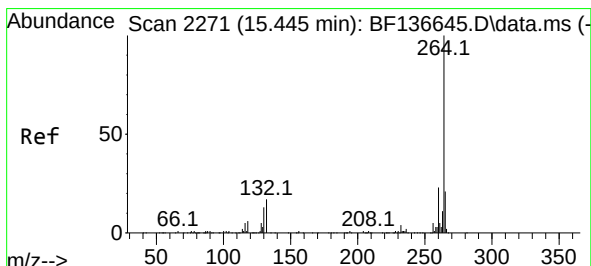
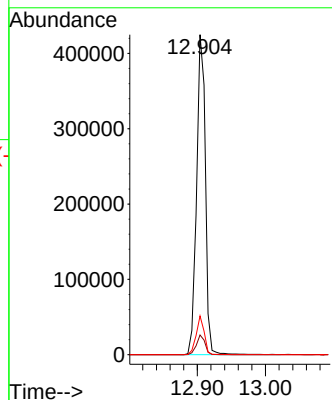
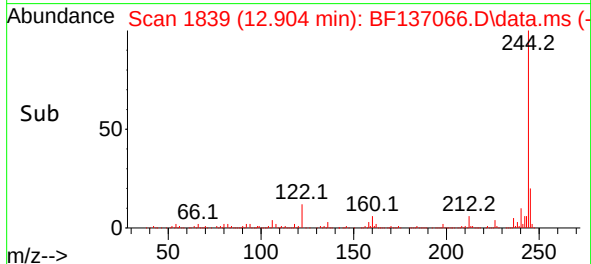


#79
 Terphenyl-d14
 Concen: 42.920 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137066.D
 Acq: 15 Jan 2024 16:39

Instrument :
 BNA_F
 ClientSampleId :
 MH-C



Tgt Ion:244 Resp: 379907
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 12.1 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: BF137066.D
 Acq: 15 Jan 2024 16:39

Tgt Ion:264 Resp: 126876
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 22.0 17.0 25.6

