

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137097.D
 Acq On : 17 Jan 2024 17:07
 Operator : CG\JU
 Sample : P1139-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-314-0-2

Quant Time: Jan 17 17:28:01 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)

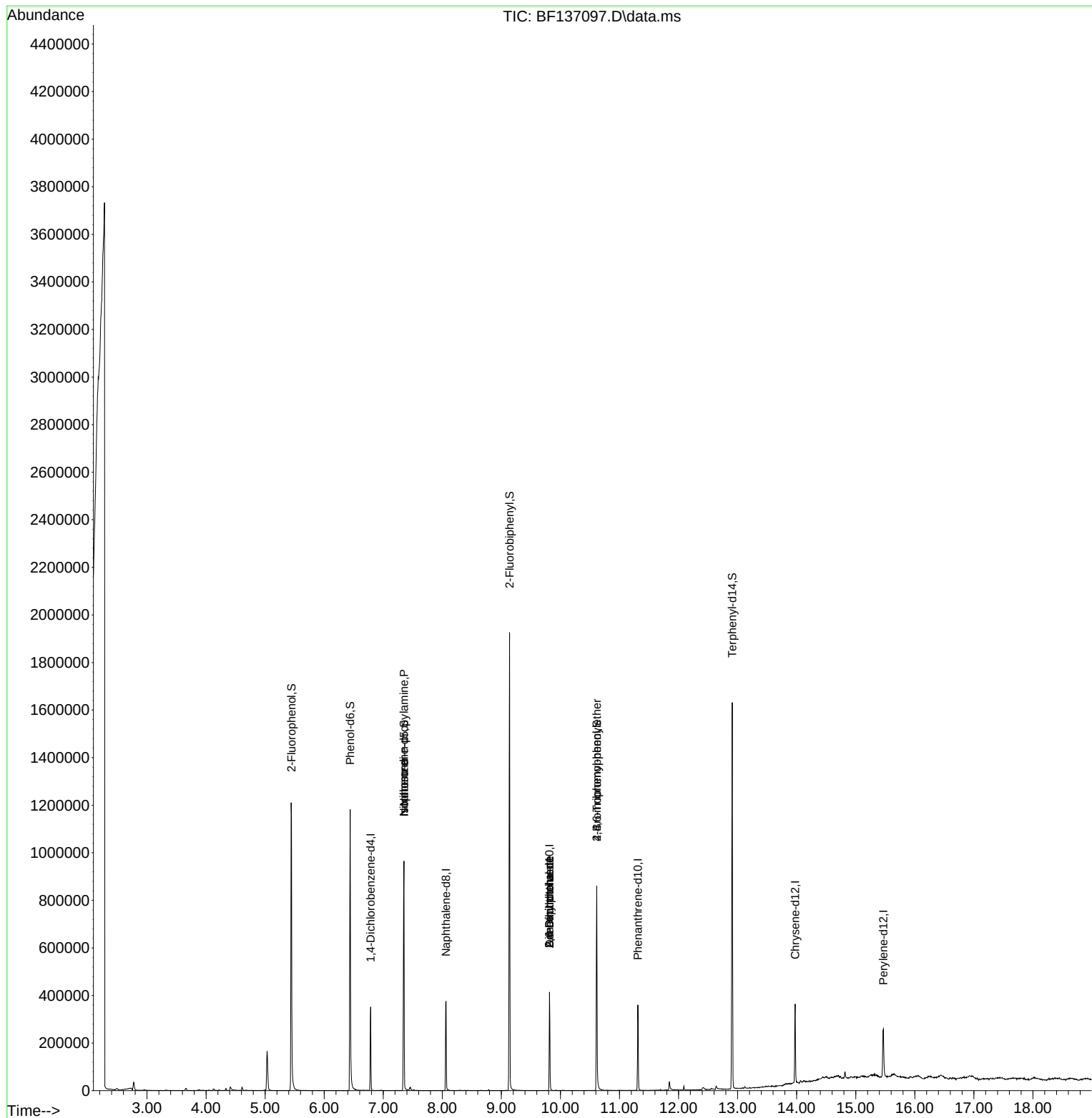
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	50298	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	175180	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	81882	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	133754	20.000	ng	0.00
76) Chrysene-d12	13.974	240	116087	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	105859	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	375065	116.348	ng	0.02
7) Phenol-d6	6.440	99	401436	96.105	ng	0.00
23) Nitrobenzene-d5	7.351	82	297128	86.793	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	114542	118.777	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	578721	95.060	ng	-0.01
79) Terphenyl-d14	12.910	244	561710	67.619	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	37838	14.943	ng	# 73
25) Isophorone	7.351	82	297168	47.705	ng	# 65
50) Dimethylphthalate	9.816	163	14712	2.460	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	10080	7.426	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	10080	5.720	ng	# 20
67) 4-Bromophenyl-phenylether	10.616	248	7038	4.738	ng	# 1

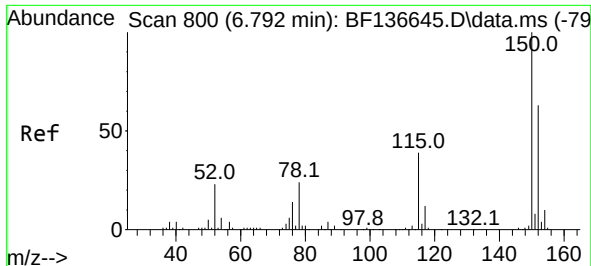
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137097.D
Acq On : 17 Jan 2024 17:07
Operator : CG\JU
Sample : P1139-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-314-0-2

Quant Time: Jan 17 17:28:01 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

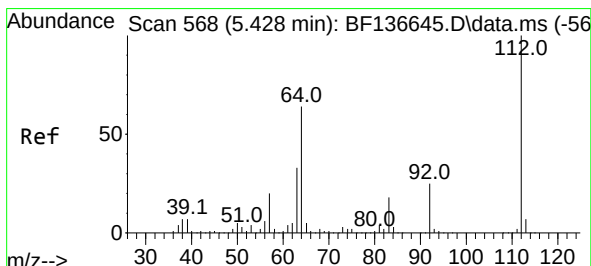
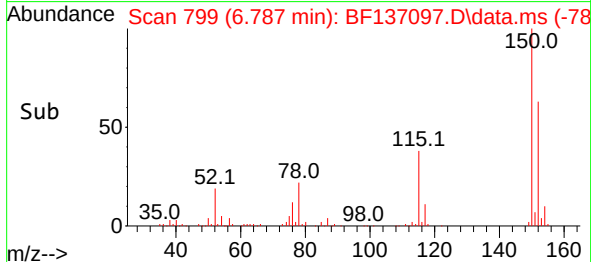
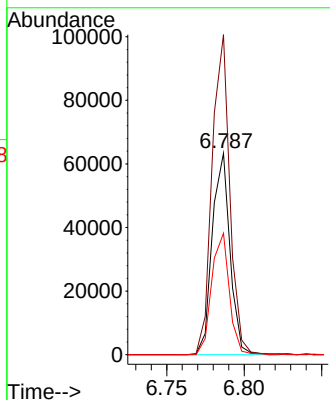
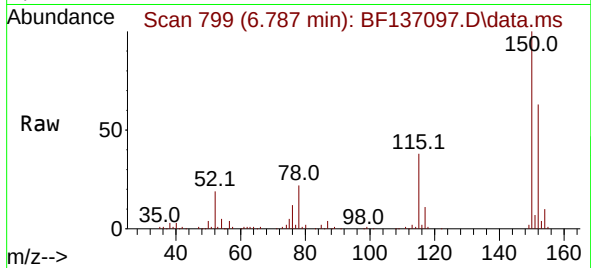




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

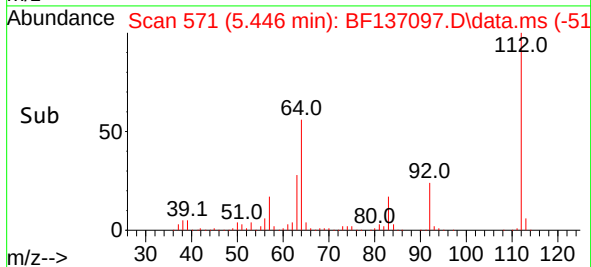
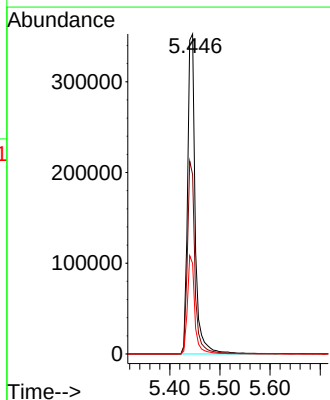
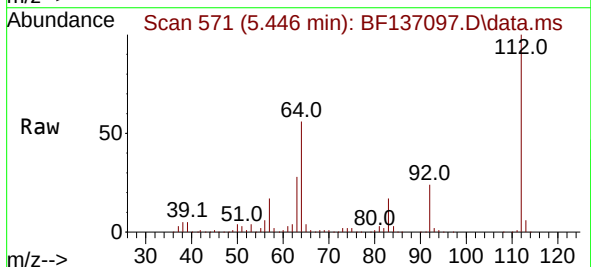
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2

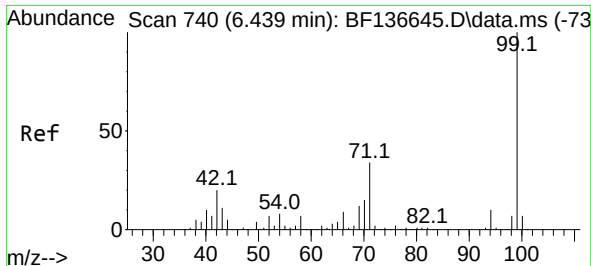
Tgt Ion:152 Resp: 50298
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.6
115 60.3 49.0 73.4



#5
2-Fluorophenol
Concen: 116.348 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

Tgt Ion:112 Resp: 375065
Ion Ratio Lower Upper
112 100
64 56.1 51.1 76.7
63 28.3 26.1 39.1

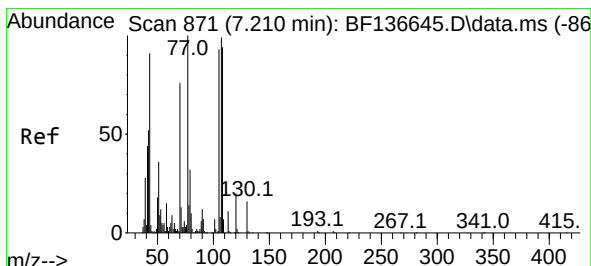
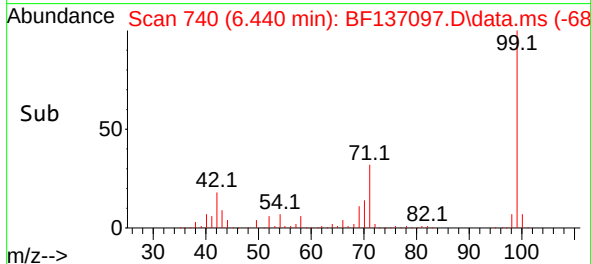
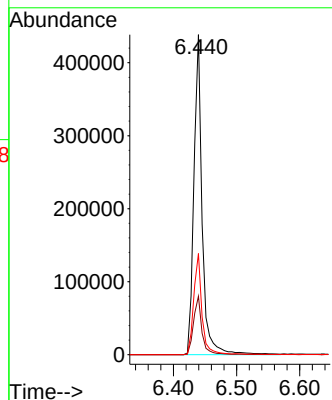
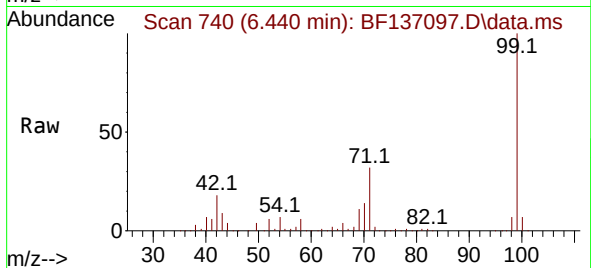




#7
Phenol-d6
Concen: 96.105 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

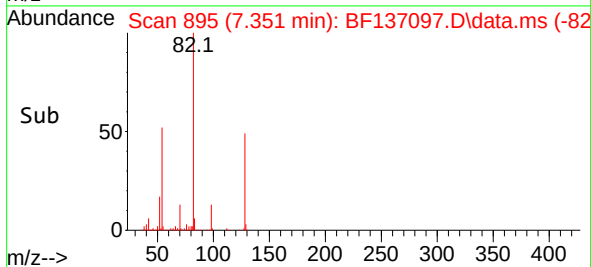
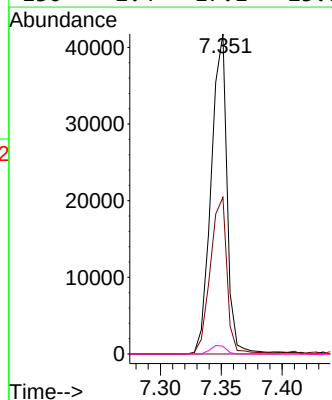
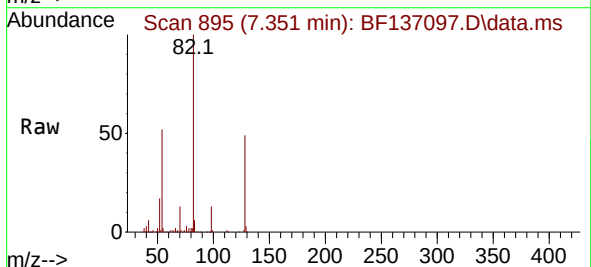
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2

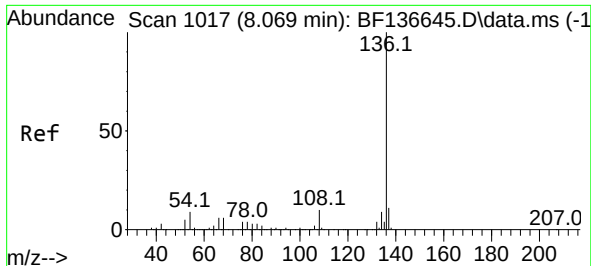
Tgt Ion: 99 Resp: 401436
Ion Ratio Lower Upper
99 100
42 18.2 16.1 24.1
71 31.6 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.943 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

Tgt Ion: 70 Resp: 37838
Ion Ratio Lower Upper
70 100
42 49.0 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#

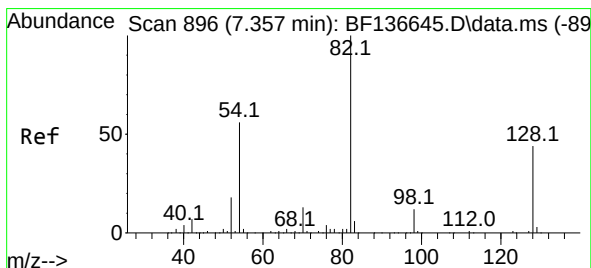
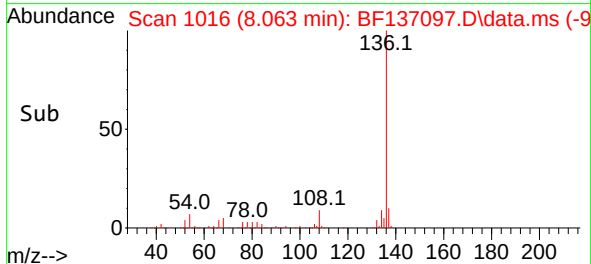
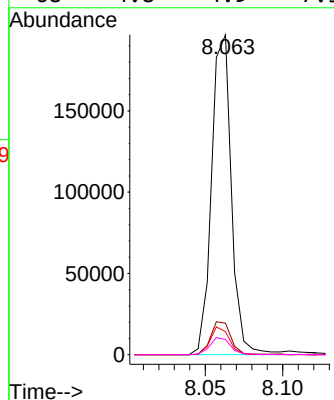
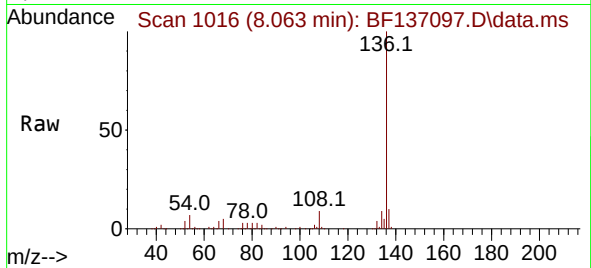




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

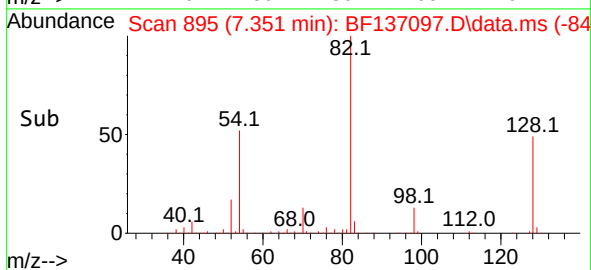
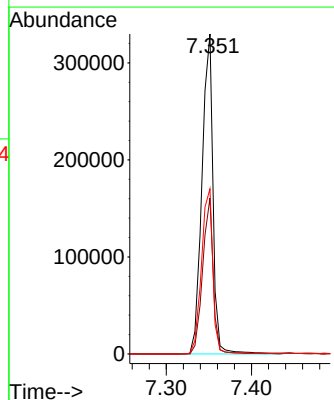
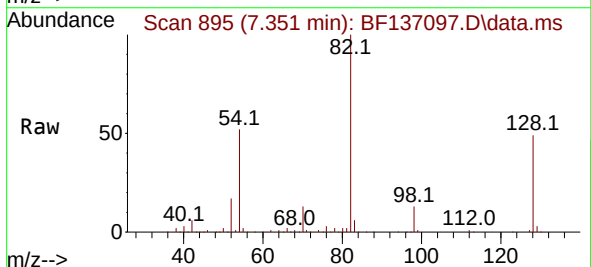
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2

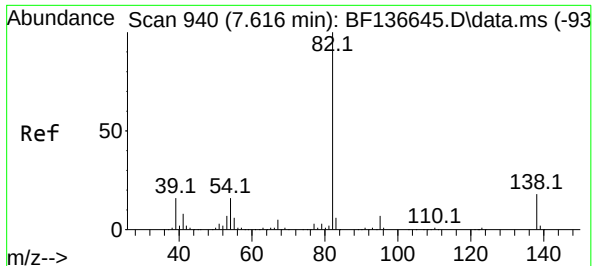
Tgt Ion:	136	Resp:	175180
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.0	13.4
54	7.2	7.2	10.8
68	4.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 86.793 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

Tgt Ion:	82	Resp:	297128
Ion	Ratio	Lower	Upper
82	100		
128	48.7	35.3	52.9
54	51.6	44.5	66.7

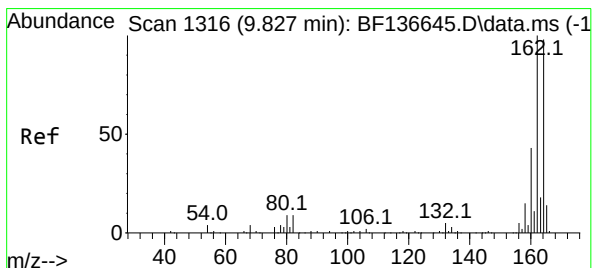
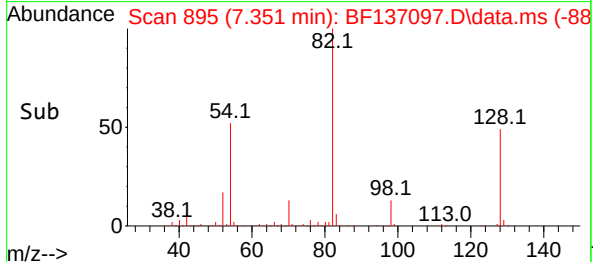
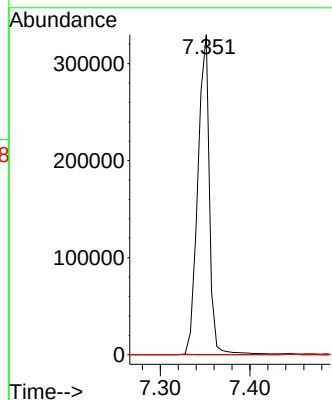
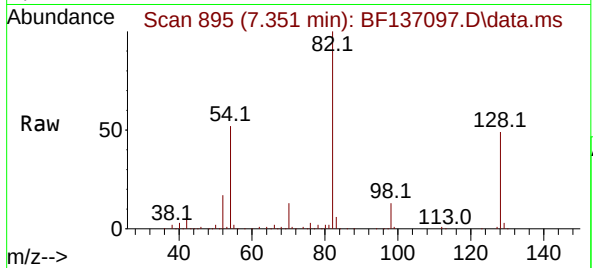




#25
Isophorone
Concen: 47.705 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

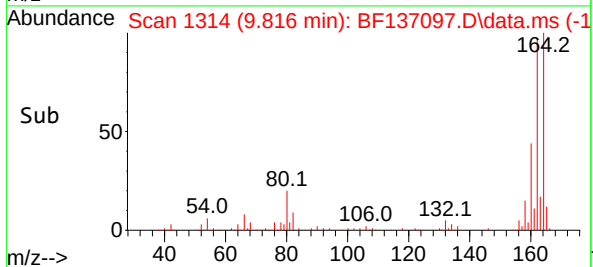
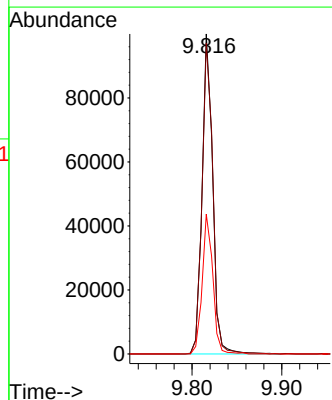
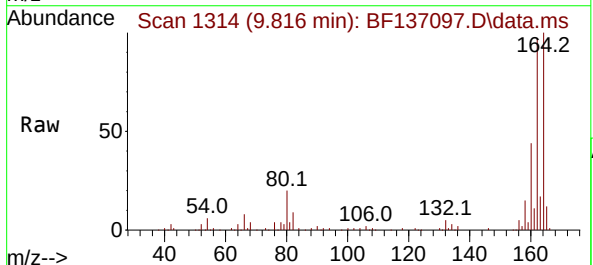
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2

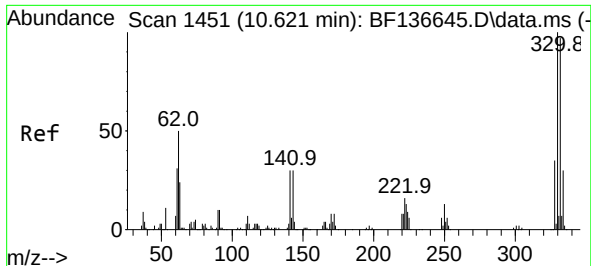
Tgt Ion: 82 Resp: 297168
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

Tgt Ion:164 Resp: 81882
Ion Ratio Lower Upper
164 100
162 97.1 81.6 122.4
160 43.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 118.777 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137097.D

Acq: 17 Jan 2024 17:07

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2

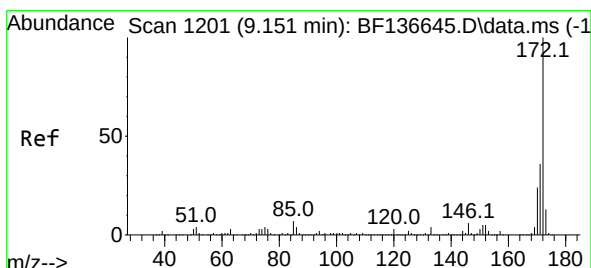
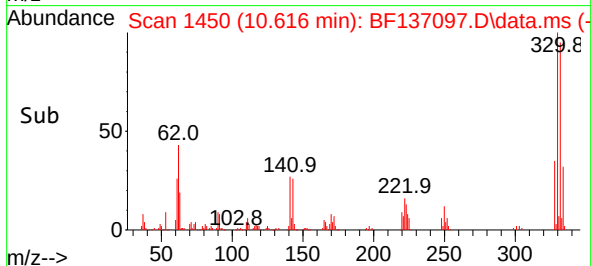
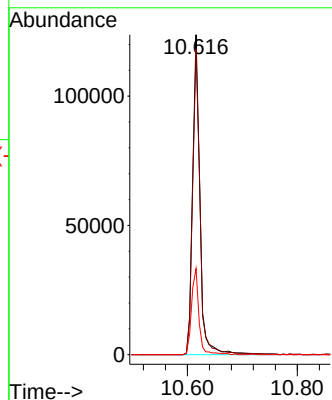
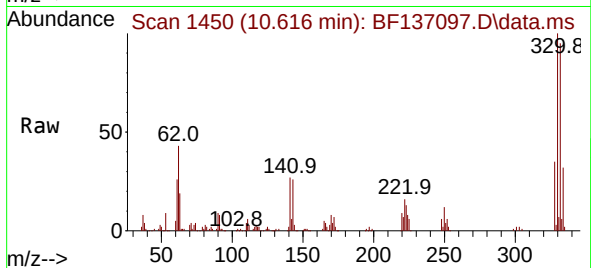
Tgt Ion:330 Resp: 114542

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

141 27.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 95.060 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137097.D

Acq: 17 Jan 2024 17:07

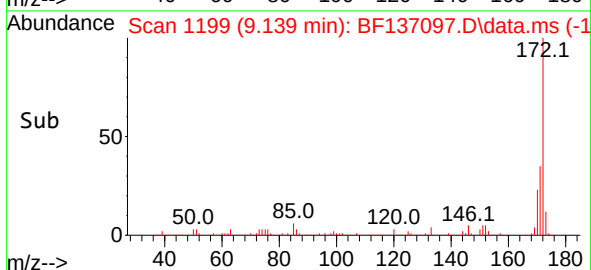
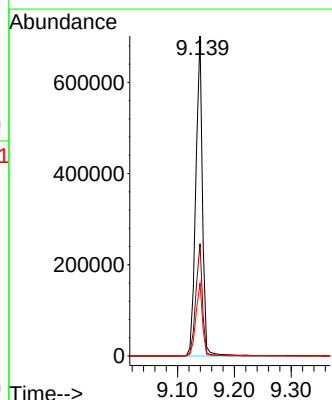
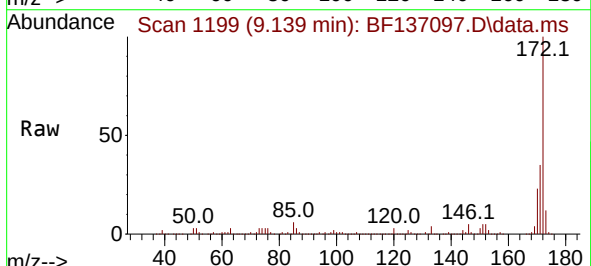
Tgt Ion:172 Resp: 578721

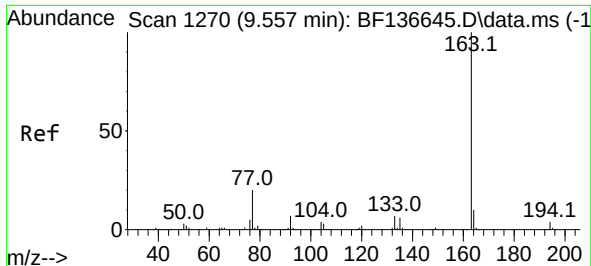
Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.6

170 22.7 19.0 28.4

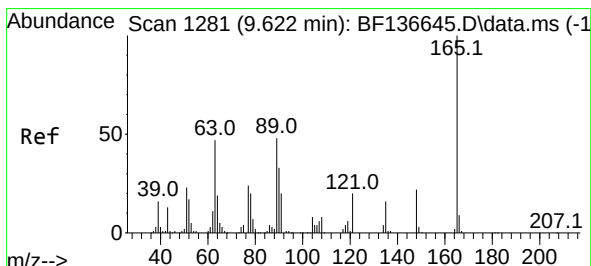
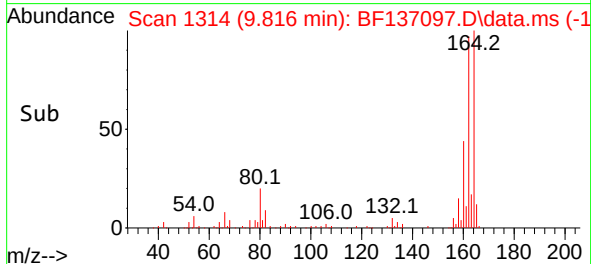
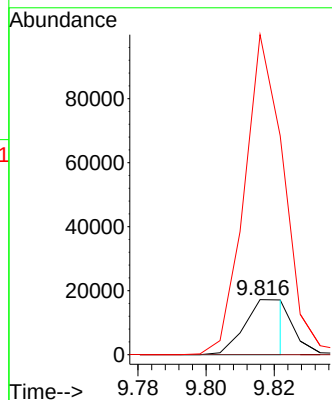
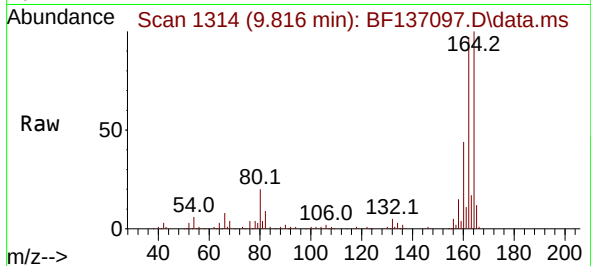




#50
Dimethylphthalate
Concen: 2.460 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

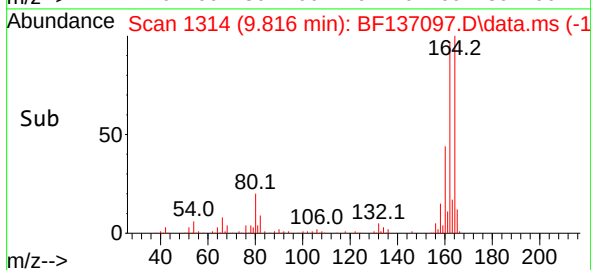
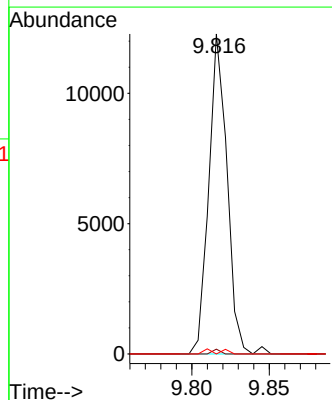
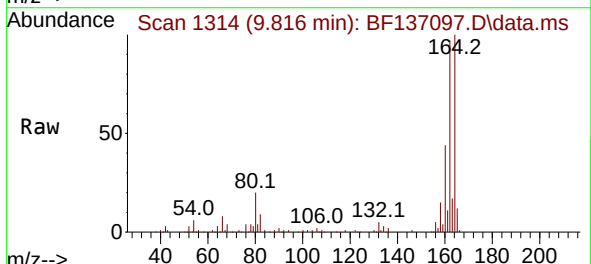
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2

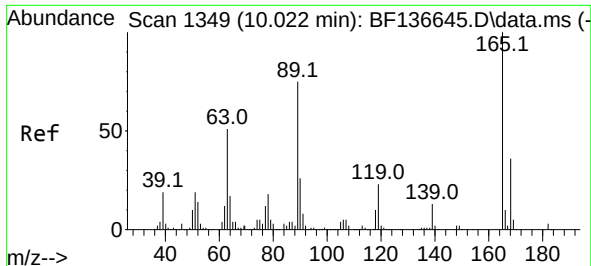
Tgt Ion:163 Resp: 14712
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 581.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.426 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

Tgt Ion:165 Resp: 10080
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 0.0 38.8 58.2#

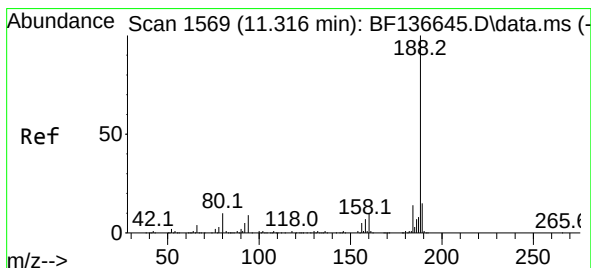
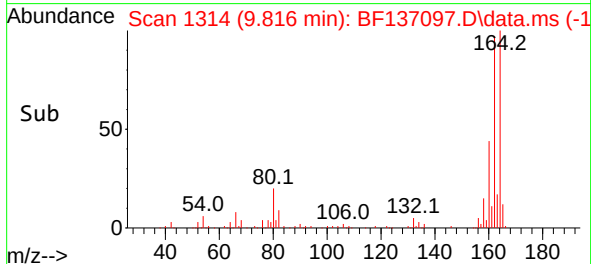
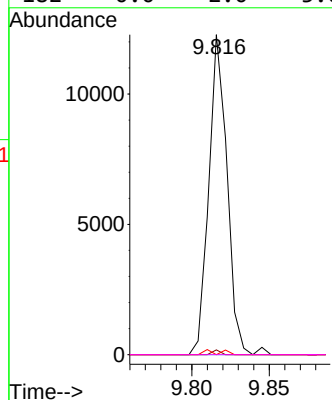
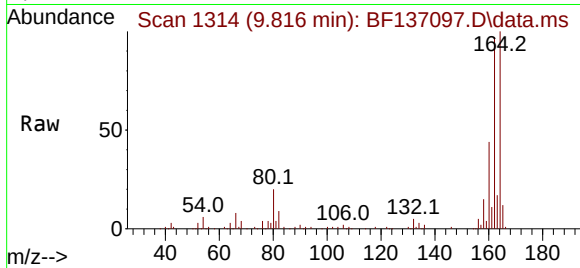




#57
2,4-Dinitrotoluene
Concen: 5.720 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

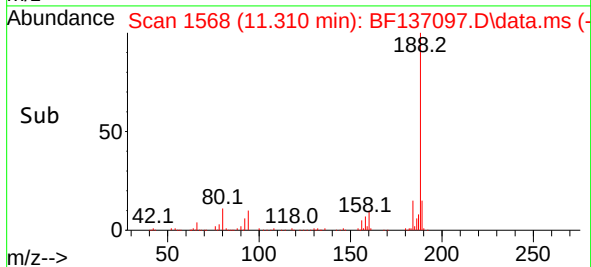
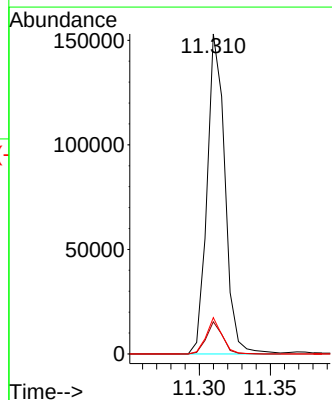
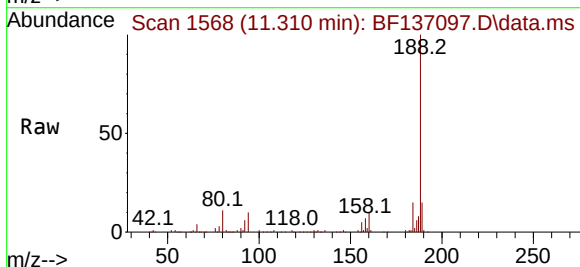
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2

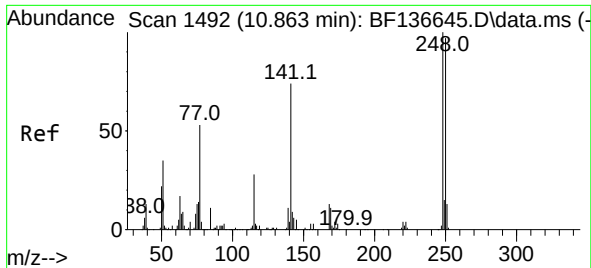
Tgt Ion:165 Resp: 10080
Ion Ratio Lower Upper
165 100
63 1.5 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

Tgt Ion:188 Resp: 133754
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 11.4 8.1 12.1

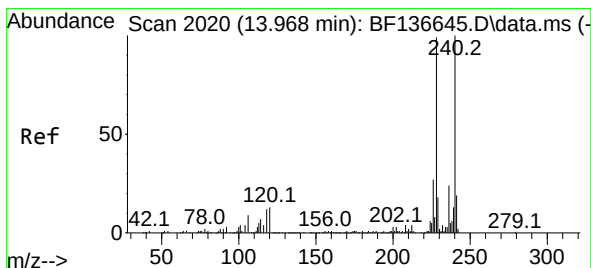
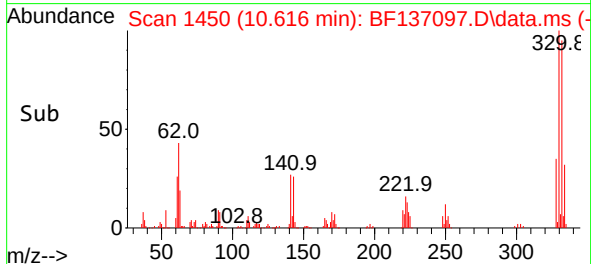
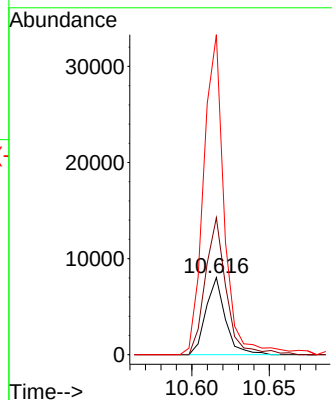
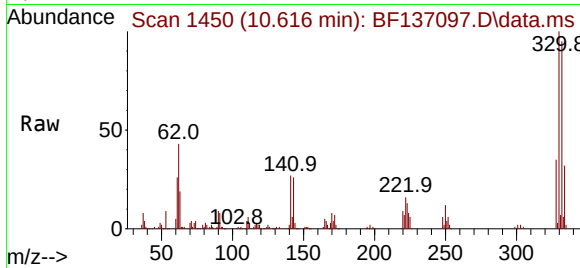




#67
4-Bromophenyl-phenylether
Concen: 4.738 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

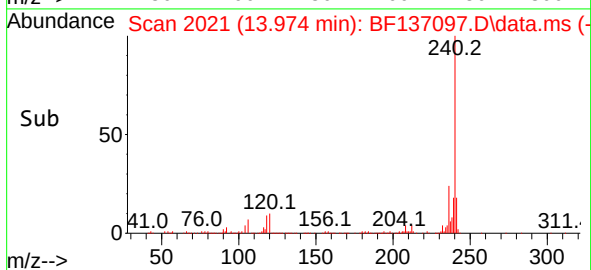
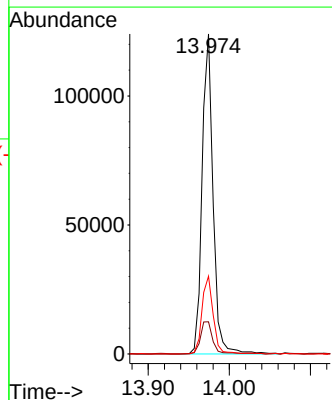
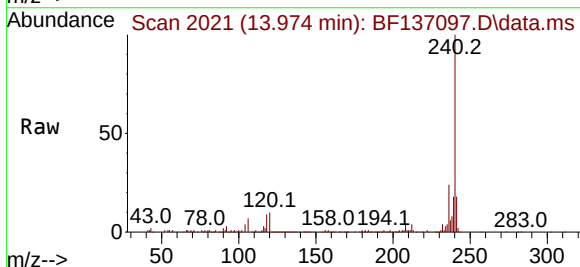
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2

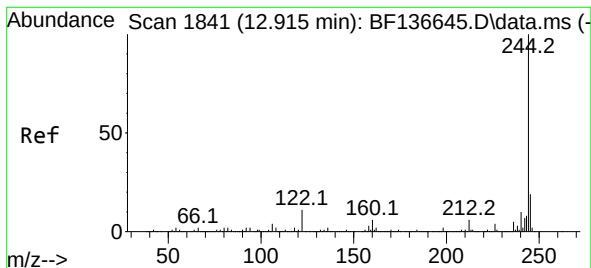
Tgt Ion:248 Resp: 7038
Ion Ratio Lower Upper
248 100
250 177.7 77.8 116.6#
141 415.3 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

Tgt Ion:240 Resp: 116087
Ion Ratio Lower Upper
240 100
120 10.0 10.3 15.5#
236 24.3 19.4 29.2





#79

Terphenyl-d14

Concen: 67.619 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF137097.D

Acq: 17 Jan 2024 17:07

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2

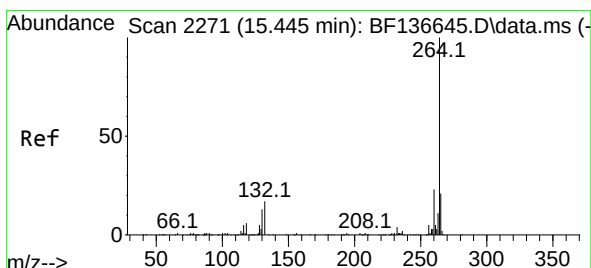
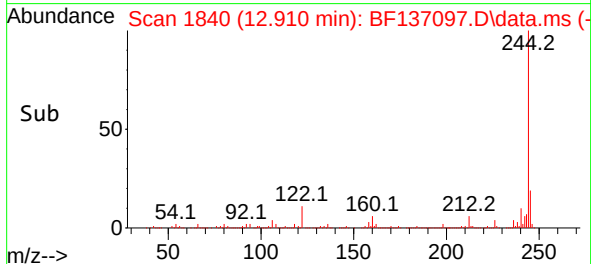
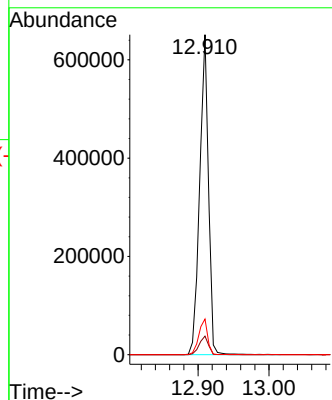
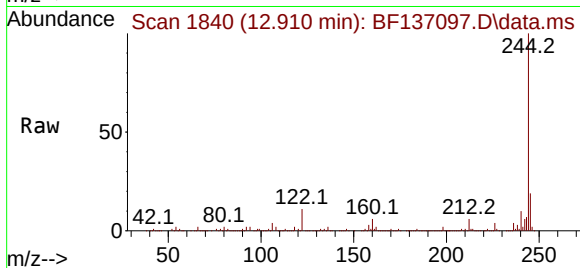
Tgt Ion:244 Resp: 561710

Ion Ratio Lower Upper

244 100

212 5.8 5.0 7.4

122 11.2 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.024 min

Lab File: BF137097.D

Acq: 17 Jan 2024 17:07

Tgt Ion:264 Resp: 105859

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 20.4 17.0 25.6

