

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136900.D
 Acq On : 03 Jan 2024 10:46
 Operator : CG\JU
 Sample : PB157973BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 03 11:12:45 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)

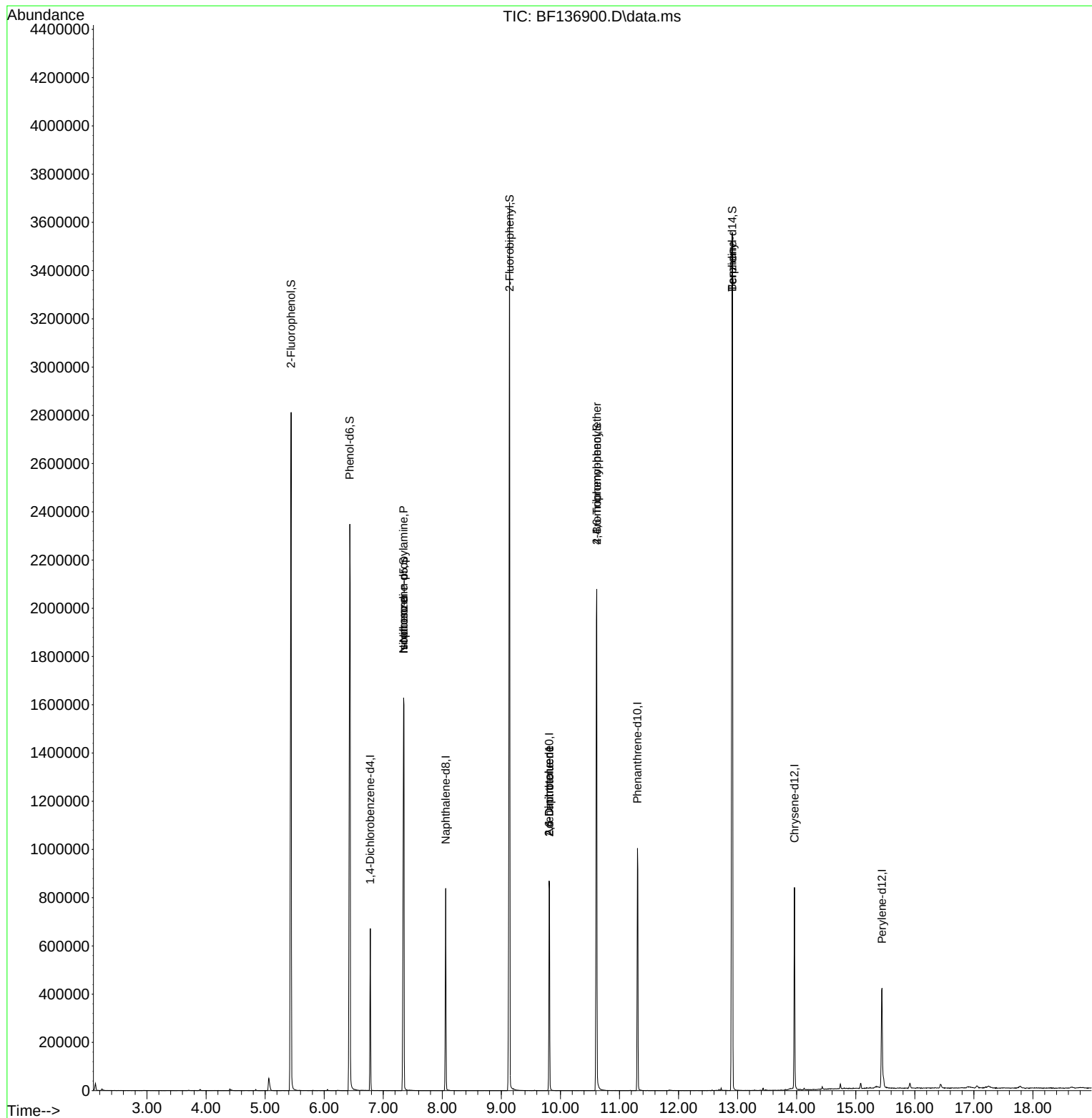
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	89988	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	357801	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	192717	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	395976	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	273619	20.000	ng	0.00
86) Perylene-d12	15.445	264	219974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	831725	144.211	ng	0.01
7) Phenol-d6	6.434	99	1078546	144.322	ng	0.00
23) Nitrobenzene-d5	7.345	82	675125	96.553	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	318165	140.181	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1298165	90.600	ng	-0.01
79) Terphenyl-d14	12.910	244	1646348	84.085	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	87629	19.343	ng	# 76
25) Isophorone	7.345	82	670207	52.676	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	24915	7.799	ng	# 29
57) 2,4-Dinitrotoluene	9.810	165	24915	6.008	ng	# 20
67) 4-Bromophenyl-phenylether	10.616	248	18722	4.257	ng	# 1
77) Benzidine	12.910	184	17739	2.199	ng	# 91

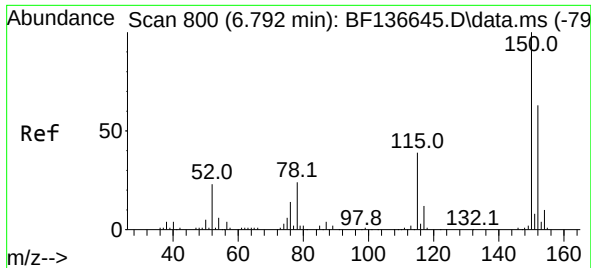
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136900.D
Acq On : 03 Jan 2024 10:46
Operator : CG\JU
Sample : PB157973BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

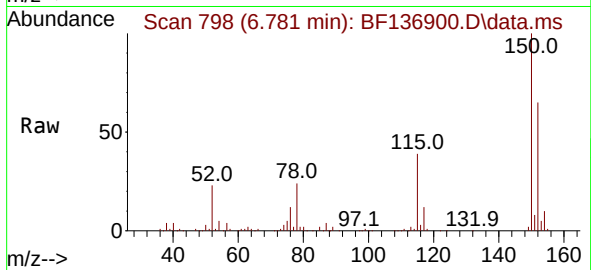
Quant Time: Jan 03 11:12:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



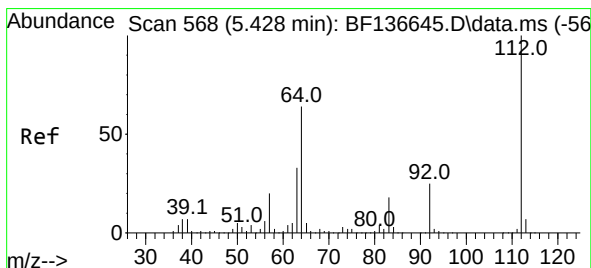
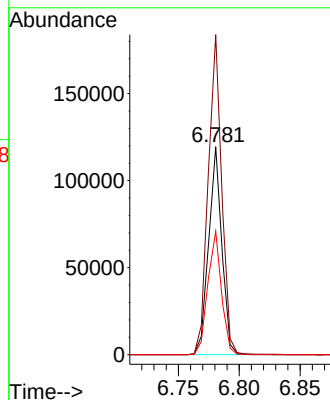
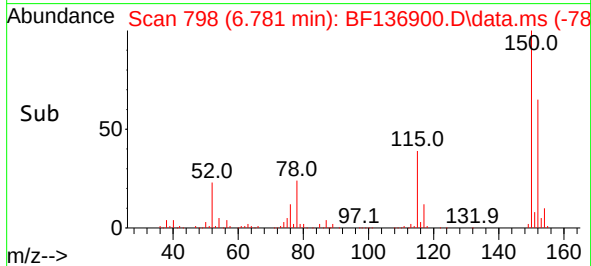


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

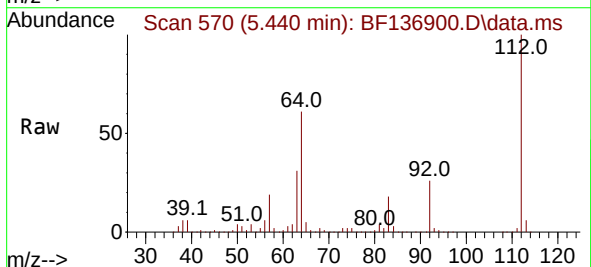
Instrument :
BNA_F
ClientSampleId :



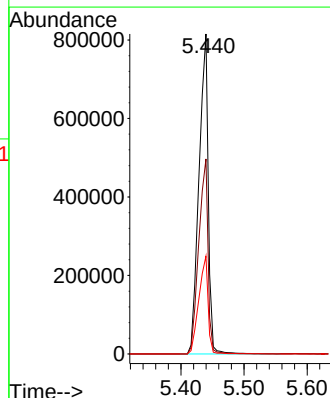
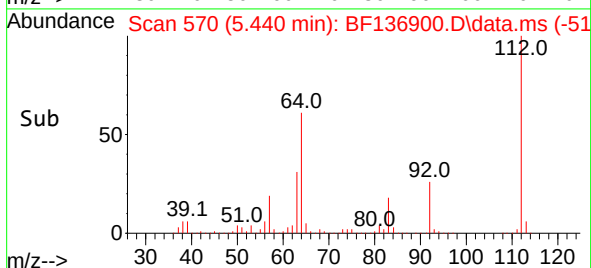
Tgt Ion:152 Resp: 89988
Ion Ratio Lower Upper
152 100
150 153.9 127.0 190.6
115 59.3 49.0 73.4

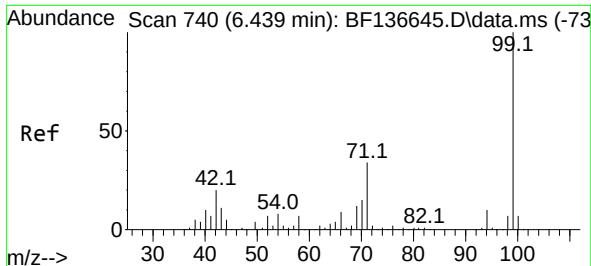


#5
2-Fluorophenol
Concen: 144.211 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46



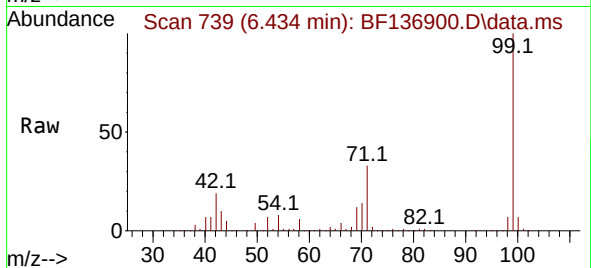
Tgt Ion:112 Resp: 831725
Ion Ratio Lower Upper
112 100
64 61.0 51.1 76.7
63 30.5 26.1 39.1



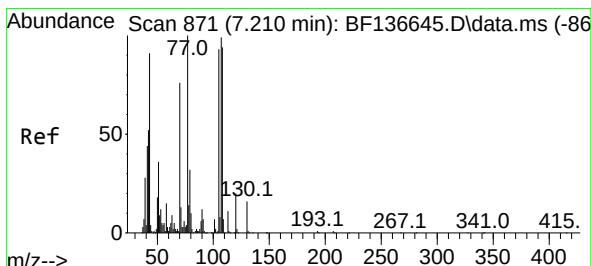
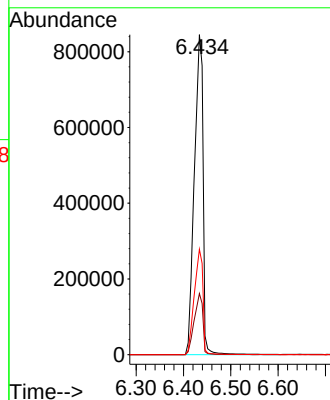
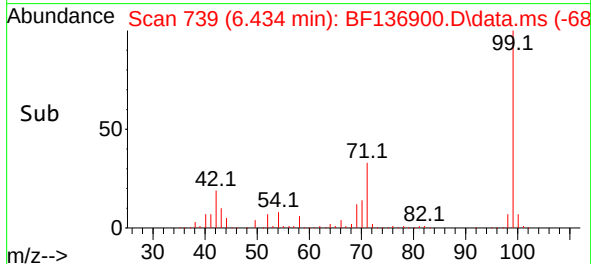


#7
Phenol-d6
Concen: 144.322 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

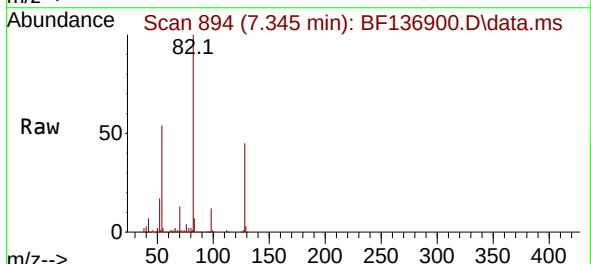
Instrument :
BNA_F
ClientSampleId :



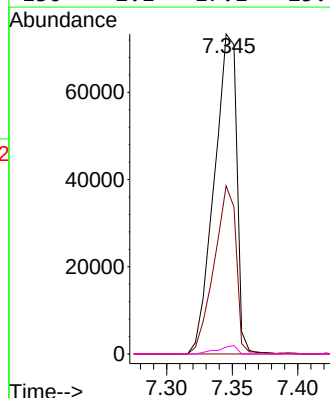
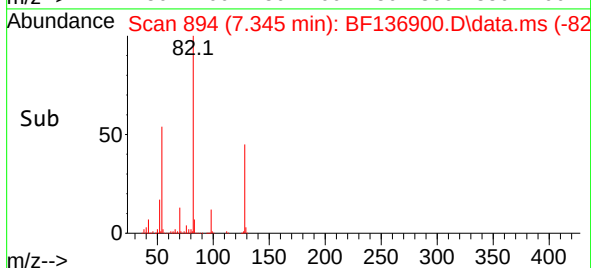
Tgt Ion: 99 Resp: 1078546
Ion Ratio Lower Upper
99 100
42 19.1 16.1 24.1
71 32.9 27.4 41.2

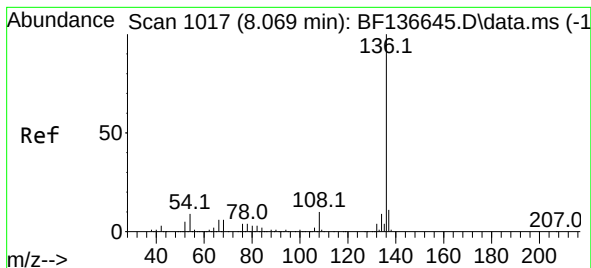


#19
n-Nitroso-di-n-propylamine
Concen: 19.343 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46



Tgt Ion: 70 Resp: 87629
Ion Ratio Lower Upper
70 100
42 52.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 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: BF136900.D

Acq: 03 Jan 2024 10:46

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 357801

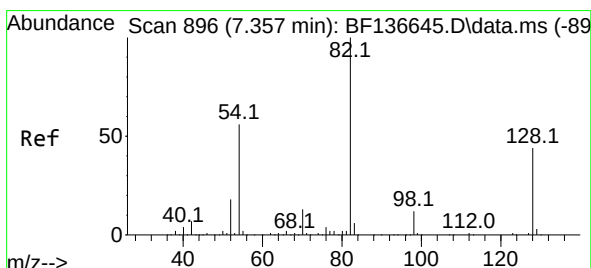
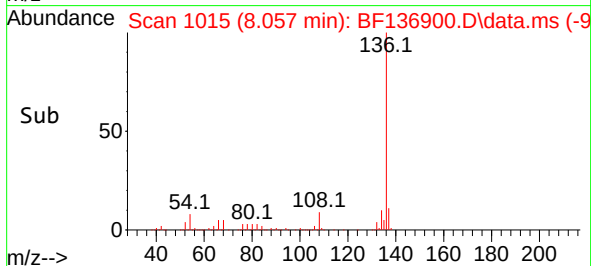
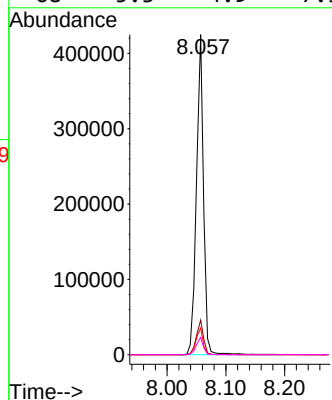
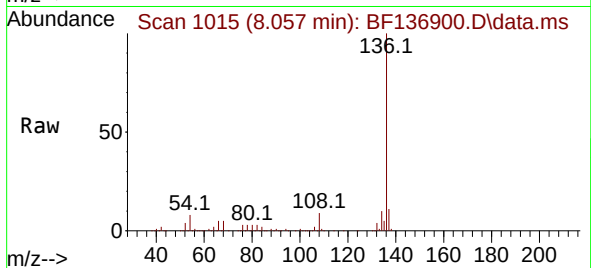
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 8.4 7.2 10.8

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 96.553 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136900.D

Acq: 03 Jan 2024 10:46

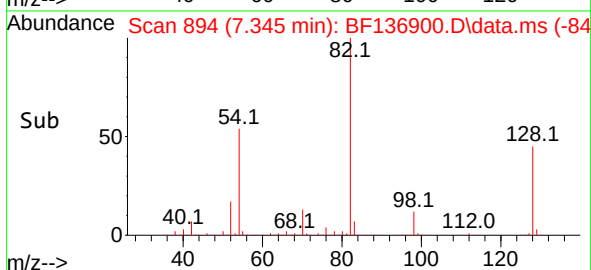
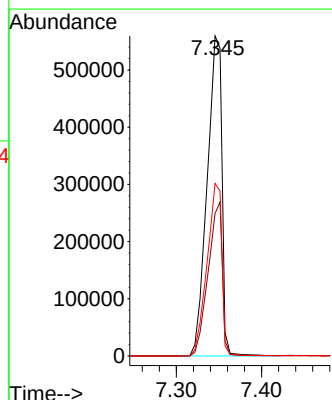
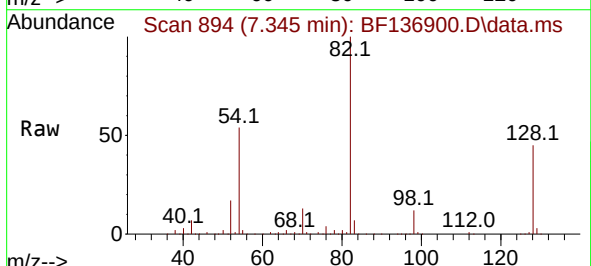
Tgt Ion: 82 Resp: 675125

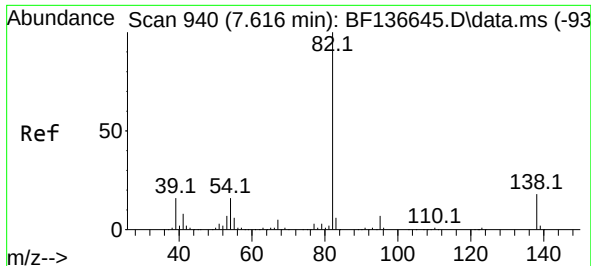
Ion Ratio Lower Upper

82 100

128 44.6 35.3 52.9

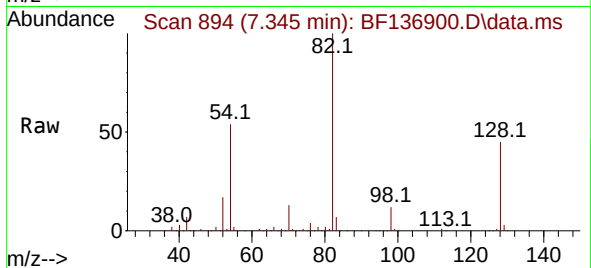
54 53.9 44.5 66.7



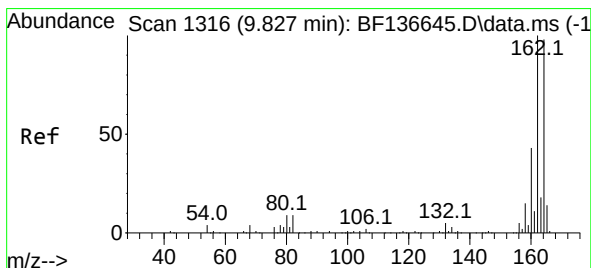
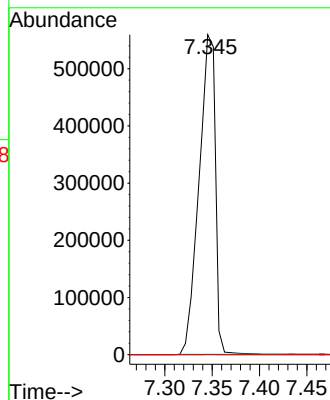
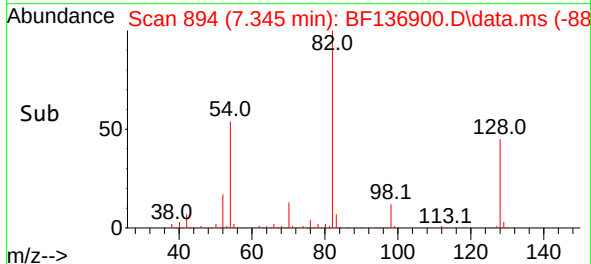


#25
Isophorone
Concen: 52.676 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

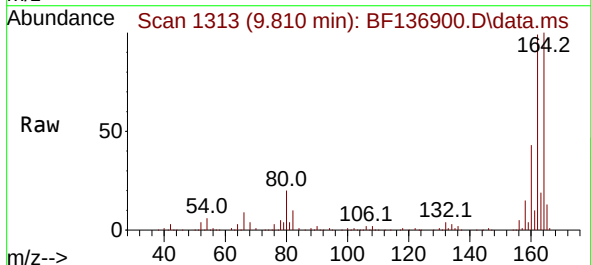
Instrument :
BNA_F
ClientSampleId :



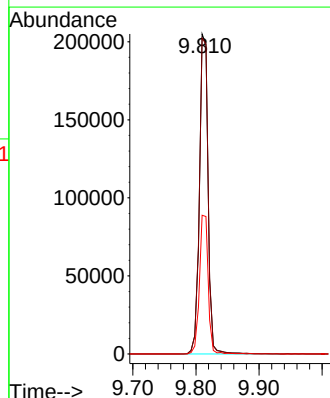
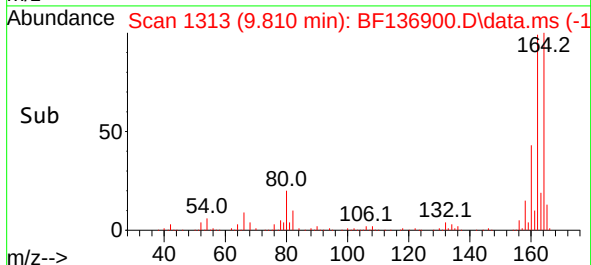
Tgt Ion: 82 Resp: 670207
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#

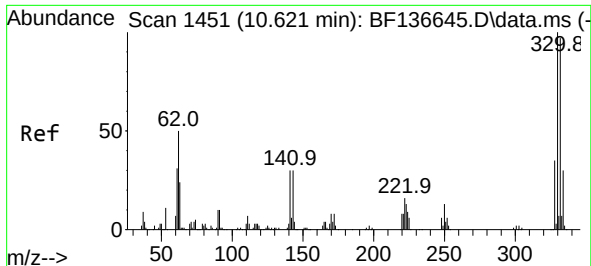


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46



Tgt Ion: 164 Resp: 192717
Ion Ratio Lower Upper
164 100
162 98.7 81.6 122.4
160 43.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 140.181 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

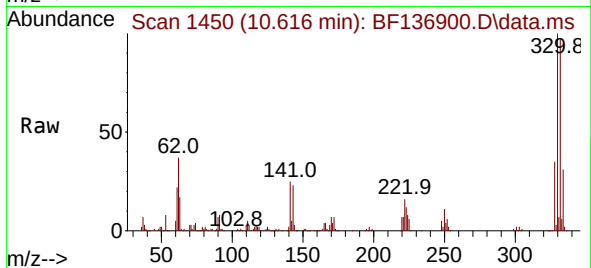
Lab File: BF136900.D

Acq: 03 Jan 2024 10:46

Instrument :

BNA_F

ClientSampleId :



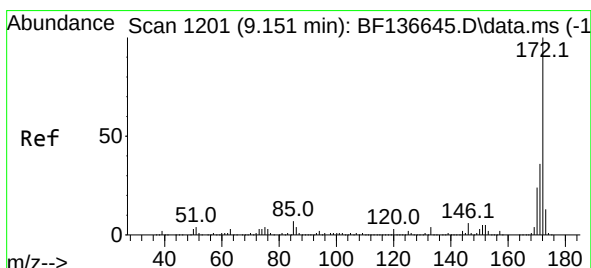
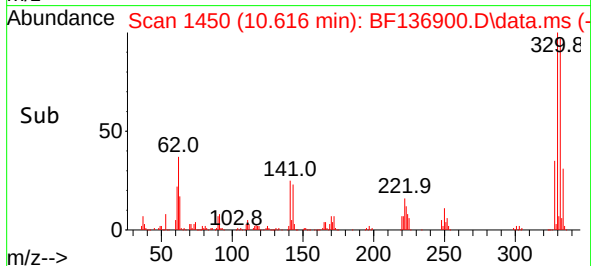
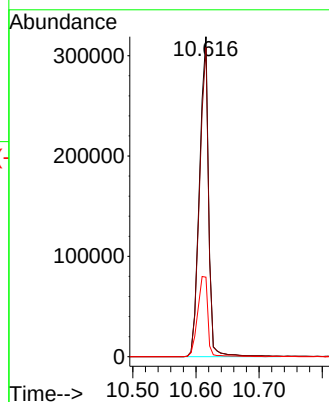
Tgt Ion:330 Resp: 318165

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 28.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 90.600 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136900.D

Acq: 03 Jan 2024 10:46

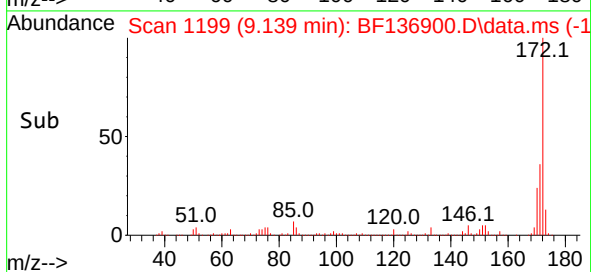
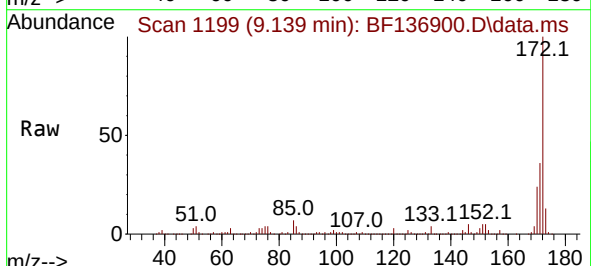
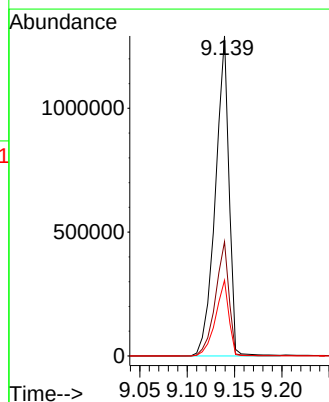
Tgt Ion:172 Resp: 1298165

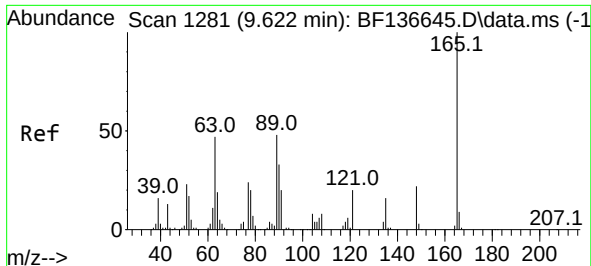
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 23.7 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 7.799 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.188 min

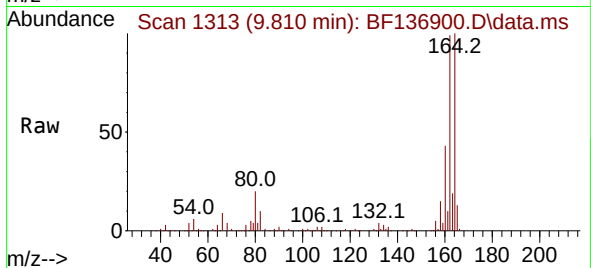
Lab File: BF136900.D

Acq: 03 Jan 2024 10:46

Instrument :

BNA_F

ClientSampleId :



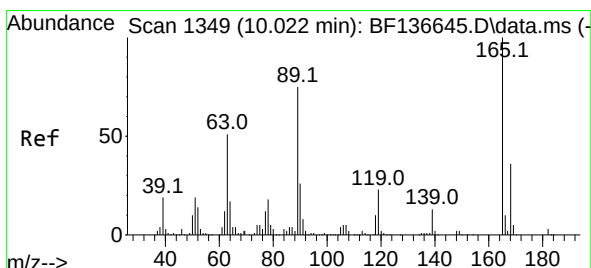
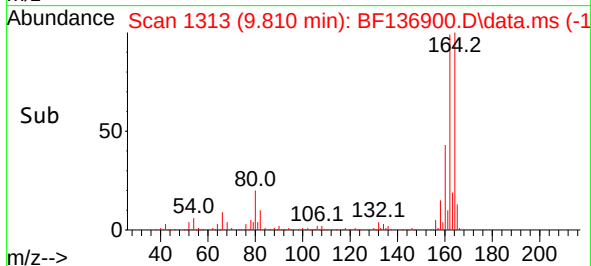
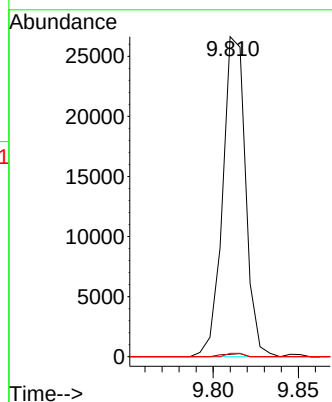
Tgt Ion:165 Resp: 24915

Ion Ratio Lower Upper

165 100

63 0.7 39.8 59.6#

89 1.1 38.8 58.2#



#57

2,4-Dinitrotoluene

Concen: 6.008 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.212 min

Lab File: BF136900.D

Acq: 03 Jan 2024 10:46

Tgt Ion:165 Resp: 24915

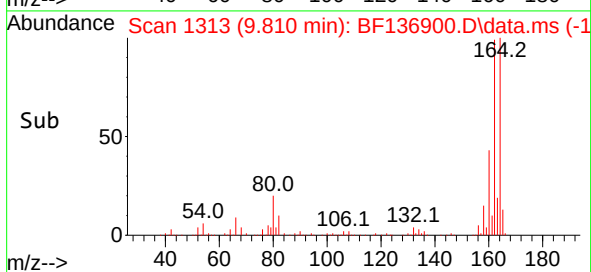
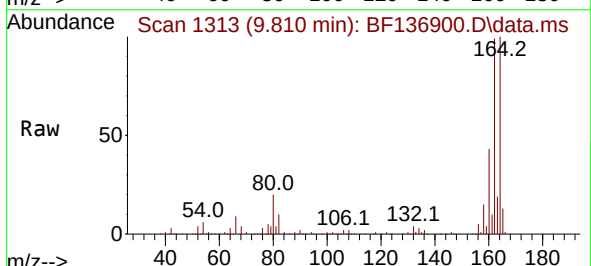
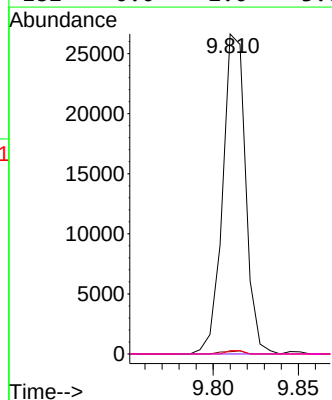
Ion Ratio Lower Upper

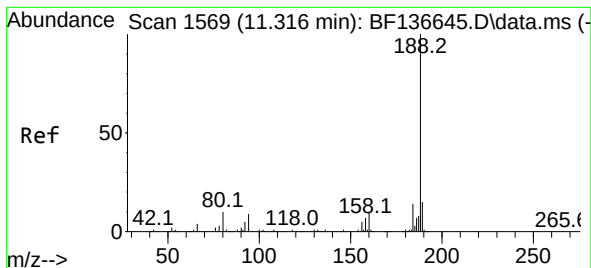
165 100

63 0.7 41.0 61.6#

89 1.1 59.9 89.9#

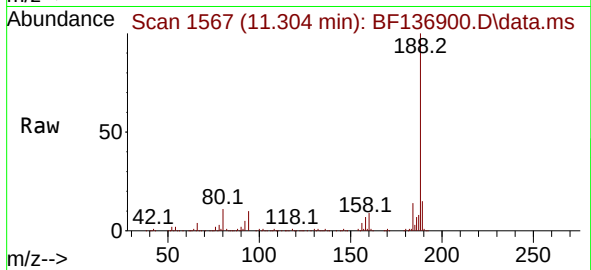
182 0.0 2.0 3.0#



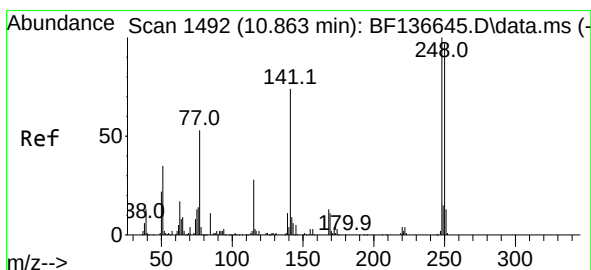
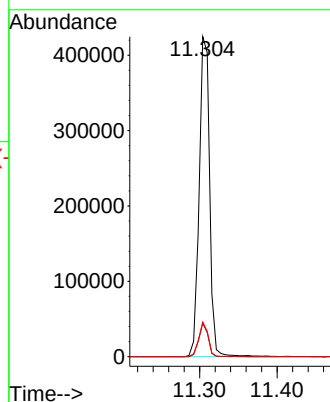
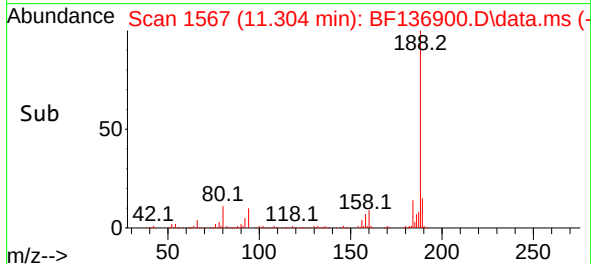


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

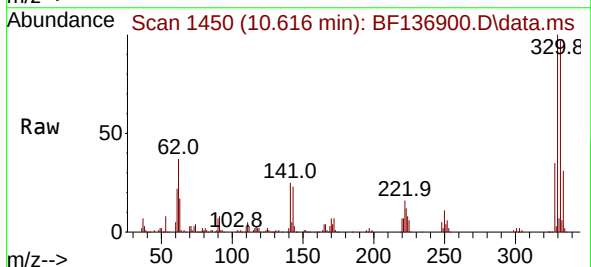
Instrument :
BNA_F
ClientSampleId :



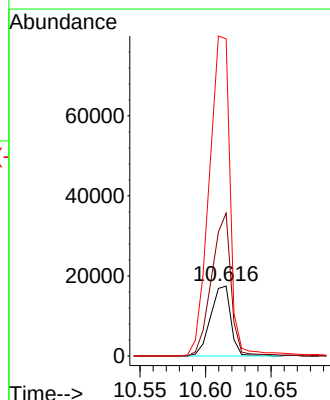
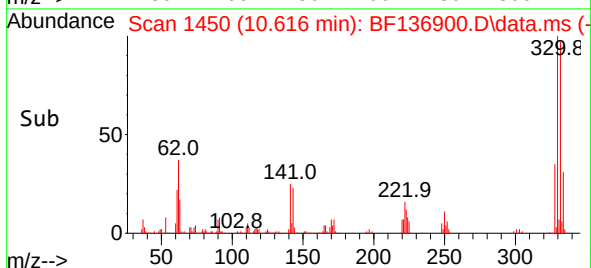
Tgt Ion:188 Resp: 395976
Ion Ratio Lower Upper
188 100
94 10.5 7.5 11.3
80 10.8 8.1 12.1

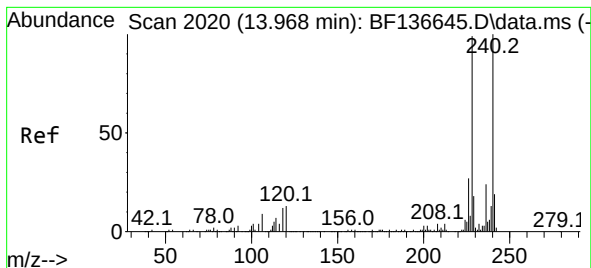


#67
4-Bromophenyl-phenylether
Concen: 4.257 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46



Tgt Ion:248 Resp: 18722
Ion Ratio Lower Upper
248 100
250 204.1 77.8 116.6#
141 453.3 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

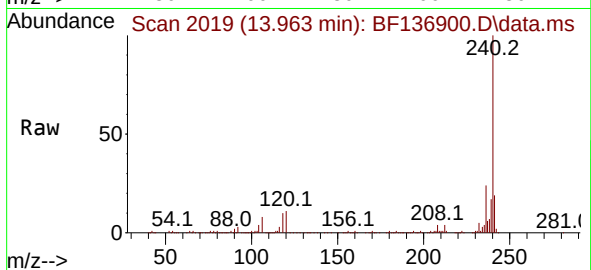
Lab File: BF136900.D

Acq: 03 Jan 2024 10:46

Instrument :

BNA_F

ClientSampleId :



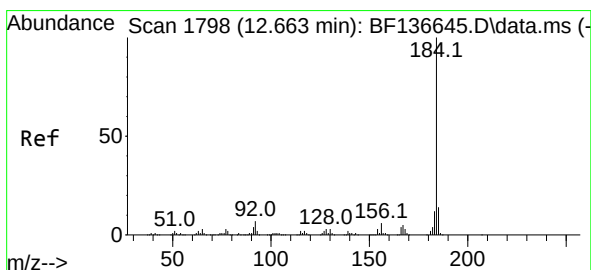
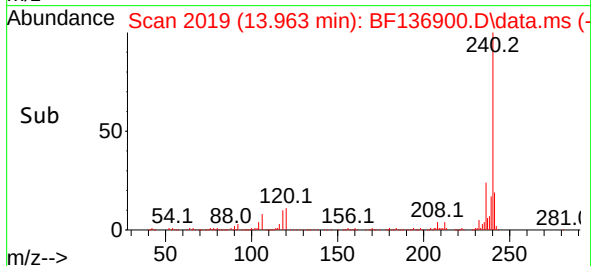
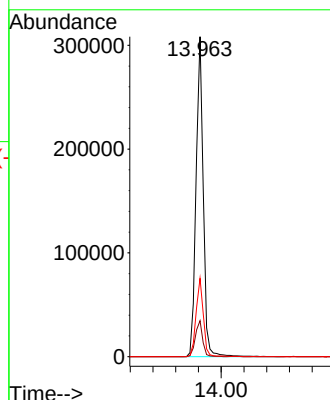
Tgt Ion:240 Resp: 273619

Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

236 24.5 19.4 29.2



#77

Benzidine

Concen: 2.199 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.247 min

Lab File: BF136900.D

Acq: 03 Jan 2024 10:46

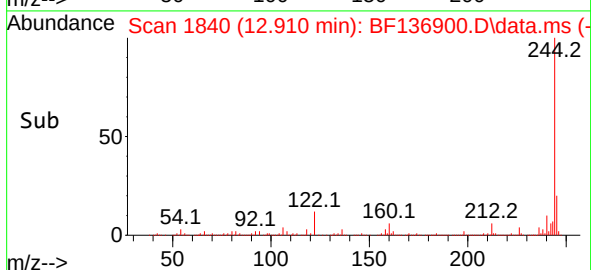
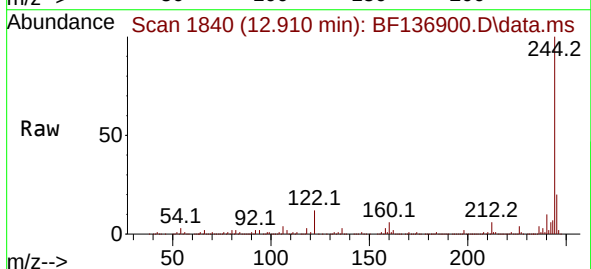
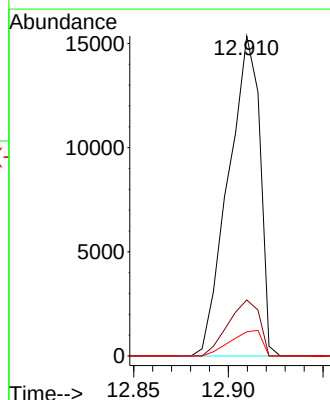
Tgt Ion:184 Resp: 17739

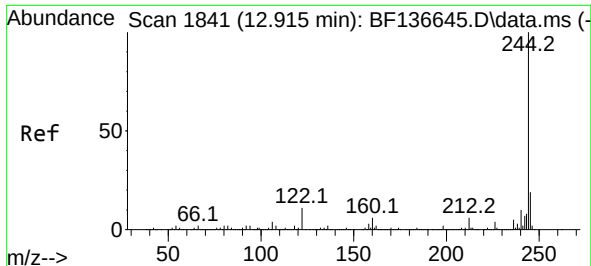
Ion Ratio Lower Upper

184 100

185 17.5 11.2 16.8#

183 7.5 9.3 13.9#



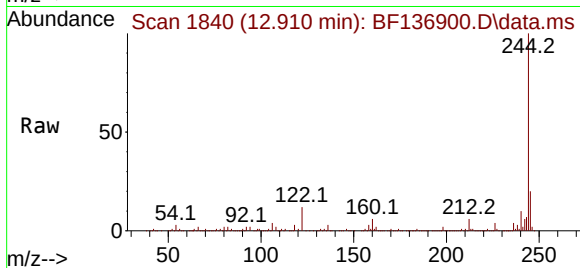


#79
 Terphenyl-d14
 Concen: 84.085 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF136900.D
 Acq: 03 Jan 2024 10:46

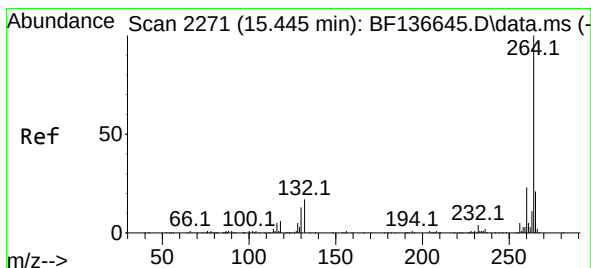
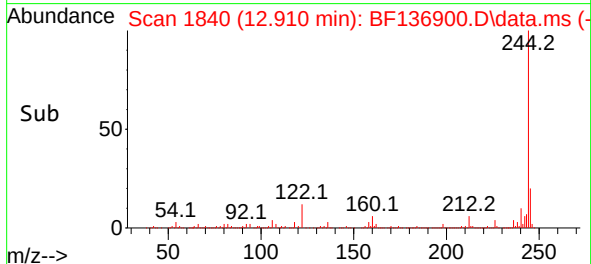
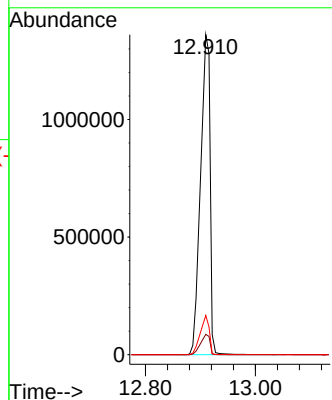
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:244 Resp: 1646348
 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: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136900.D
 Acq: 03 Jan 2024 10:46

Tgt Ion:264 Resp: 219974
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 21.1 17.0 25.6

