

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136790.D
 Acq On : 28 Dec 2023 12:48
 Operator : CG\JU
 Sample : 05926-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-320-0-2

Quant Time: Dec 28 13:14:24 2023
 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)

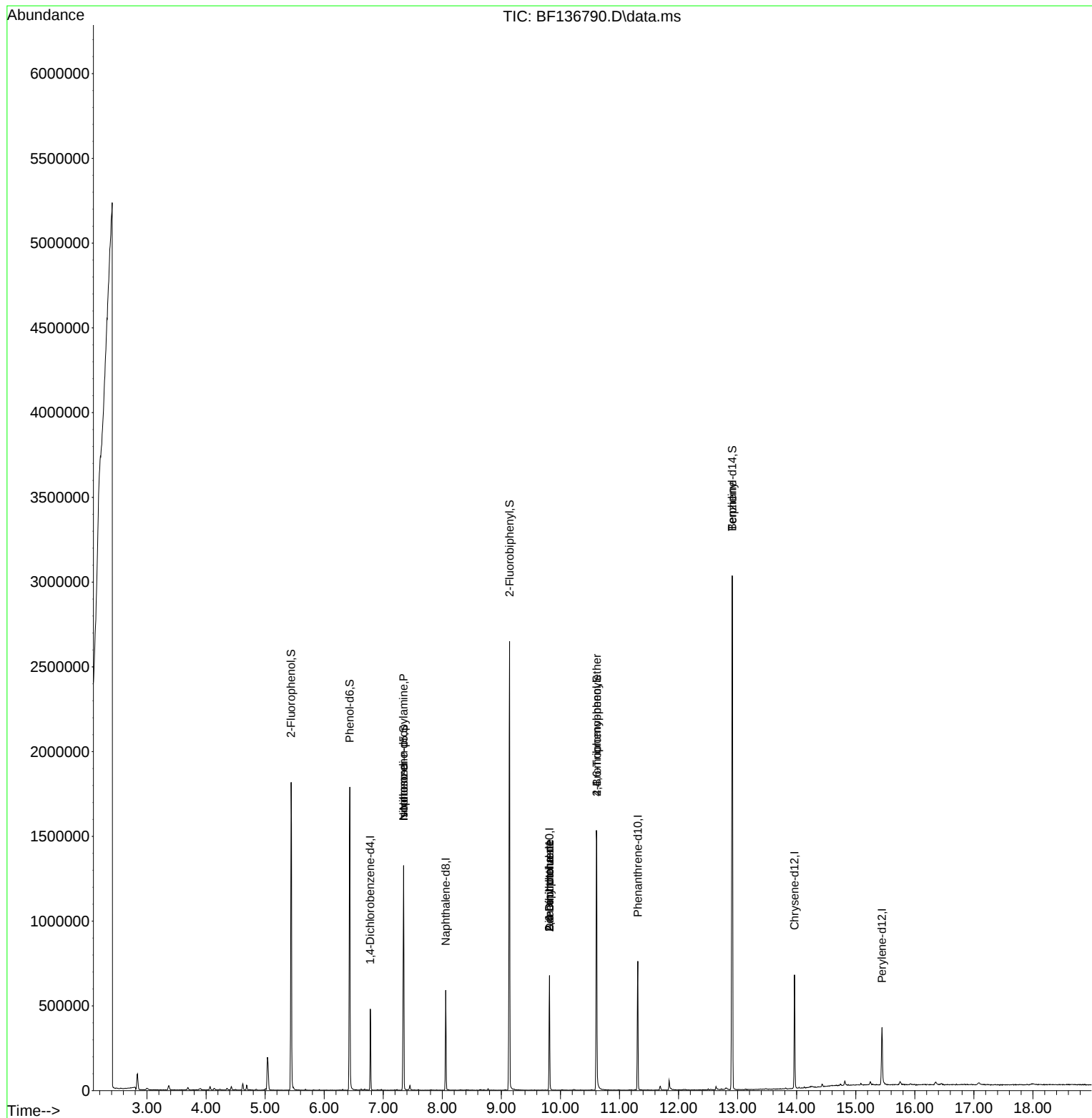
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	65361	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	248322	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	133117	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	278070	20.000	ng	0.00
76) Chrysene-d12	13.963	240	229696	20.000	ng	0.00
86) Perylene-d12	15.445	264	171878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	536919	128.172	ng	0.01
7) Phenol-d6	6.434	99	621717	114.539	ng	0.00
23) Nitrobenzene-d5	7.345	82	434465	89.529	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	228855	145.977	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	857539	86.644	ng	-0.01
79) Terphenyl-d14	12.910	244	1261775	76.766	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	57694	17.534	ng	# 74
25) Isophorone	7.345	82	434542	49.211	ng	# 65
50) Dimethylphthalate	9.816	163	26050	2.679	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	16757	7.594	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	16757	5.849	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	14038	4.546	ng	# 1
77) Benzidine	12.910	184	14534	2.146	ng	# 95

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

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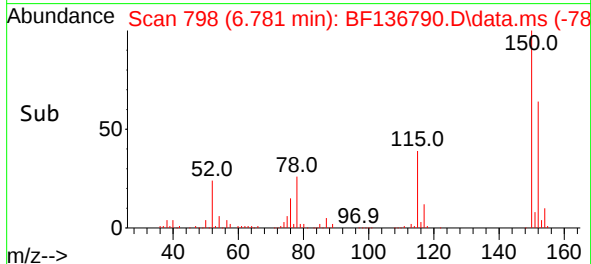
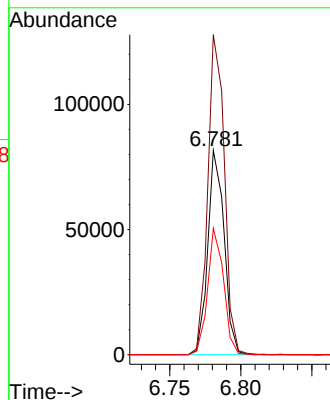
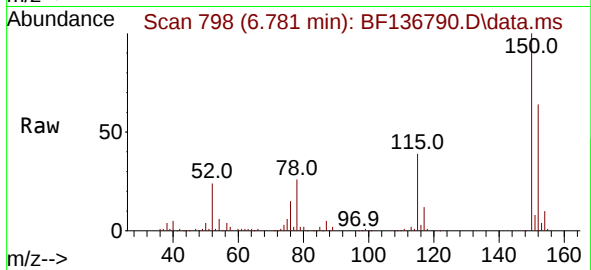




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

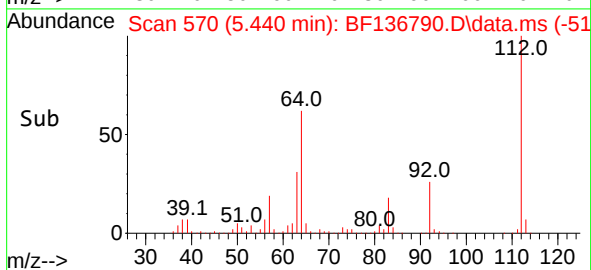
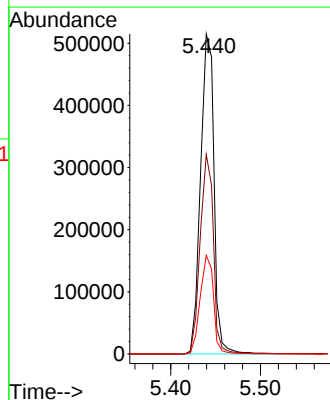
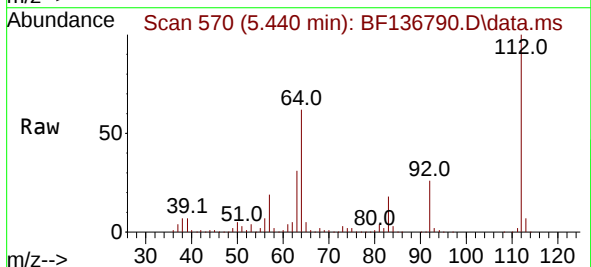
Instrument :
BNA_F
ClientSampleId :
MR-320-0-2

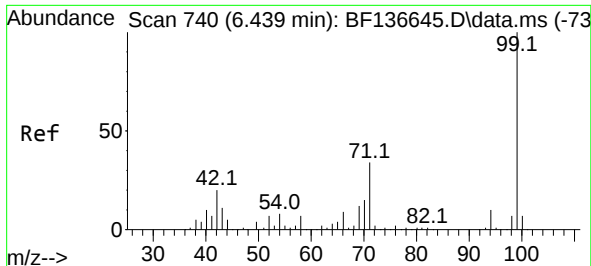
Tgt Ion:152 Resp: 65361
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 61.8 49.0 73.4



#5
2-Fluorophenol
Concen: 128.172 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

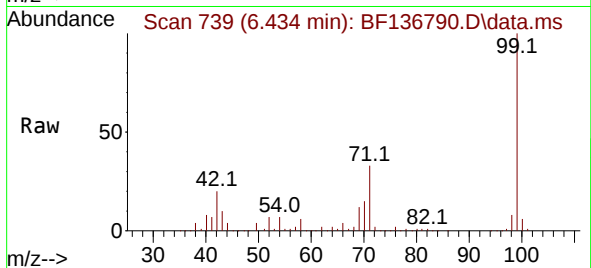
Tgt Ion:112 Resp: 536919
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 30.8 26.1 39.1



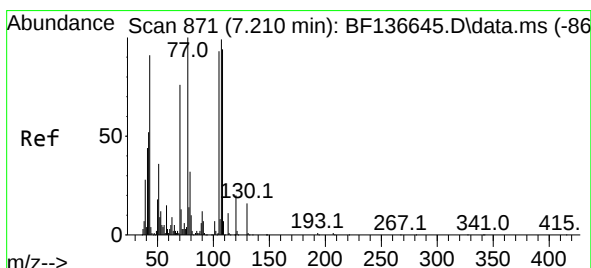
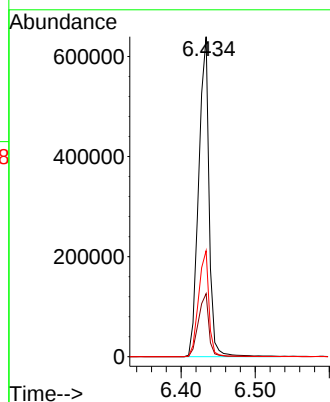
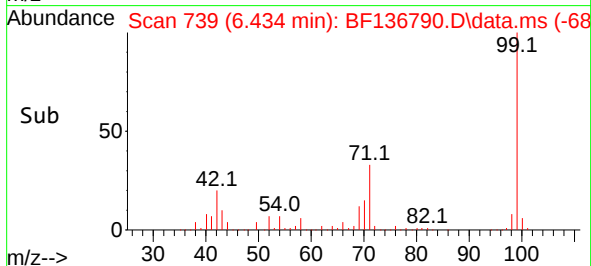


#7
Phenol-d6
Concen: 114.539 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

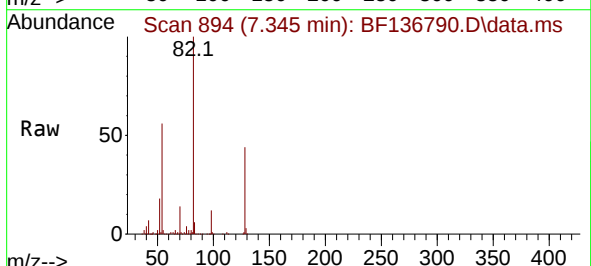
Instrument :
BNA_F
ClientSampleId :
MR-320-0-2



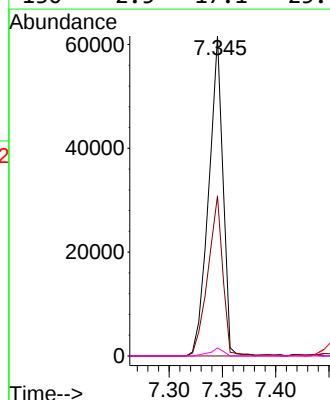
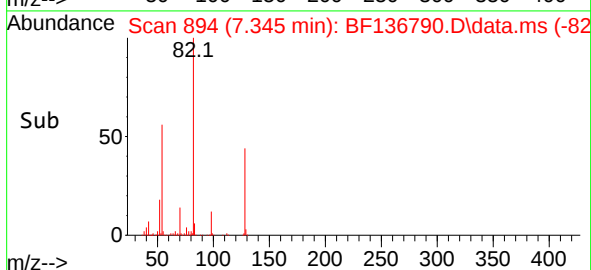
Tgt Ion: 99 Resp: 621717
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 33.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.534 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48



Tgt Ion: 70 Resp: 57694
Ion Ratio Lower Upper
70 100
42 50.1 54.2 81.4#
101 0.0 7.6 11.4#
130 2.5 17.1 25.7#

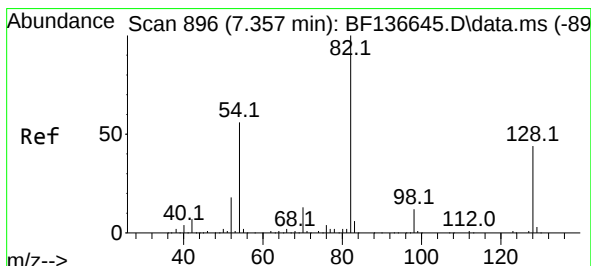
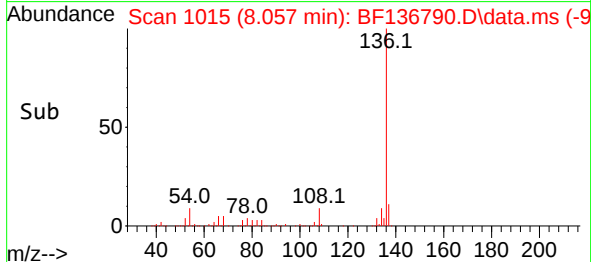
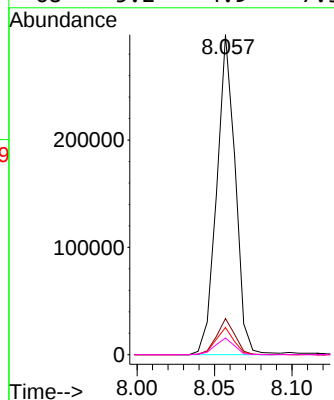
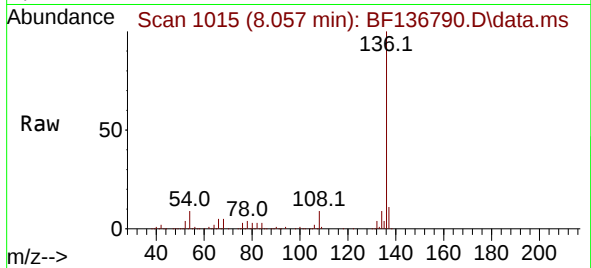




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

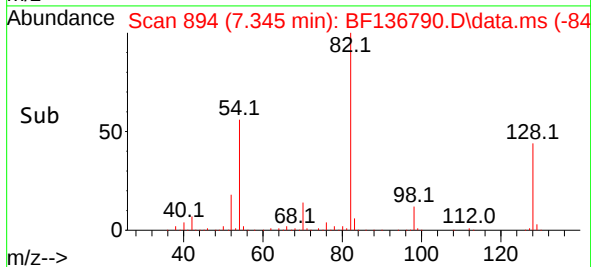
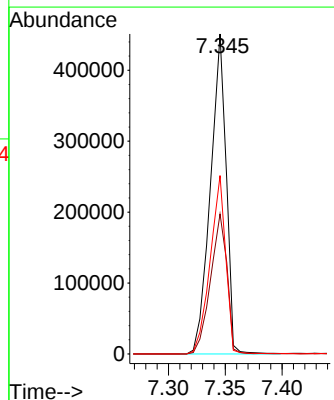
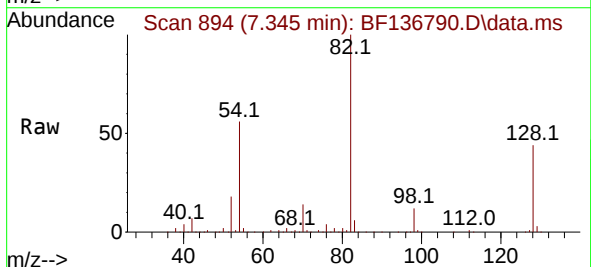
Instrument :
BNA_F
ClientSampleId :
MR-320-0-2

Tgt Ion:	136	Resp:	248322
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.5	7.2	10.8
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 89.529 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

Tgt Ion:	82	Resp:	434465
Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.3	52.9
54	55.7	44.5	66.7

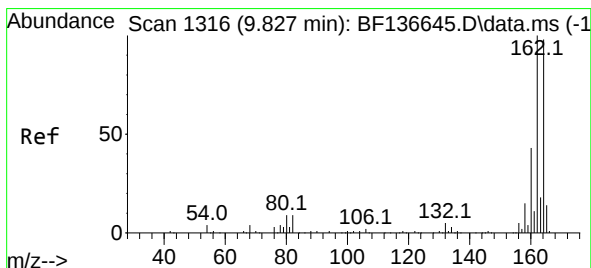
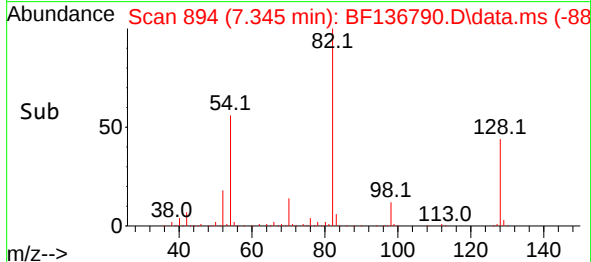
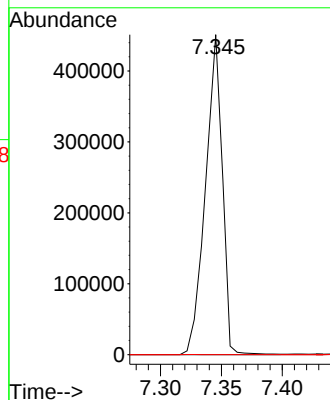
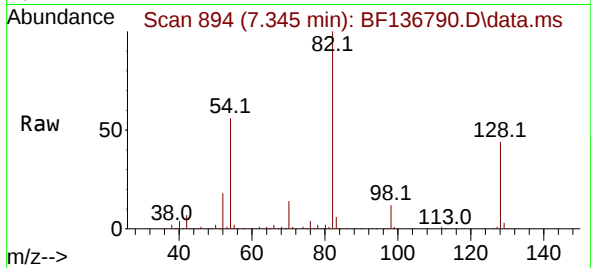




#25
Isophorone
Concen: 49.211 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

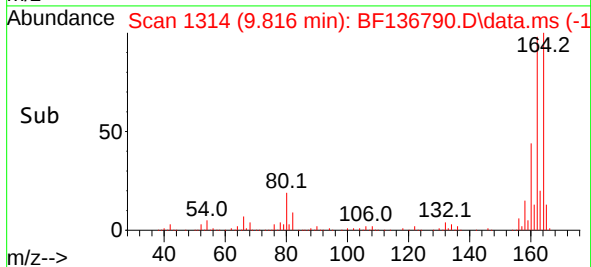
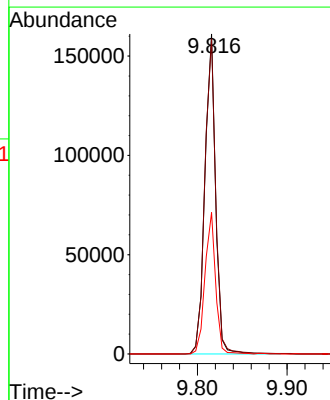
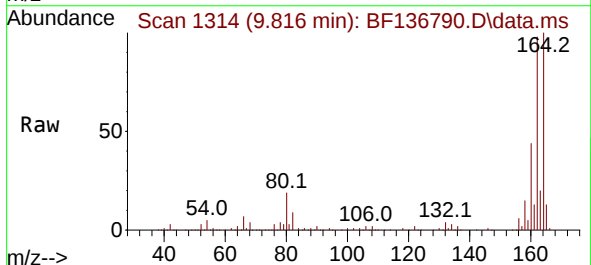
Instrument :
BNA_F
ClientSampleId :
MR-320-0-2

Tgt Ion: 82 Resp: 434542
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: BF136790.D
Acq: 28 Dec 2023 12:48

Tgt Ion:164 Resp: 133117
Ion Ratio Lower Upper
164 100
162 98.5 81.6 122.4
160 44.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 145.977 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136790.D

Acq: 28 Dec 2023 12:48

Instrument :

BNA_F

ClientSampleId :

MR-320-0-2

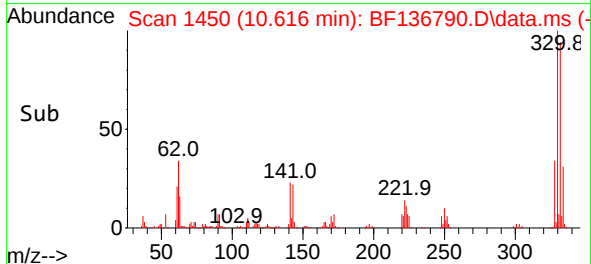
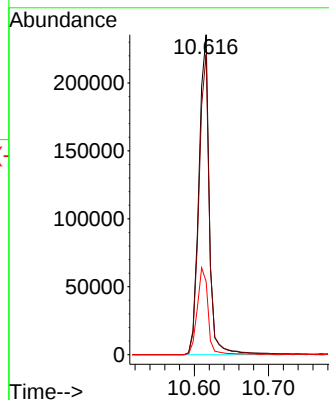
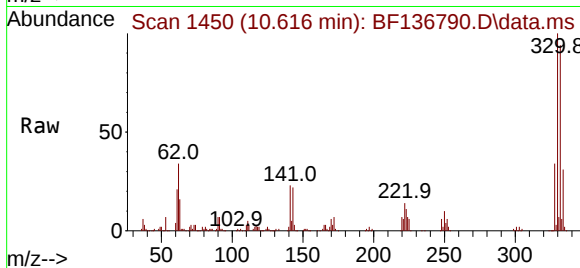
Tgt Ion:330 Resp: 228855

Ion Ratio Lower Upper

330 100

332 94.6 77.4 116.0

141 28.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 86.644 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136790.D

Acq: 28 Dec 2023 12:48

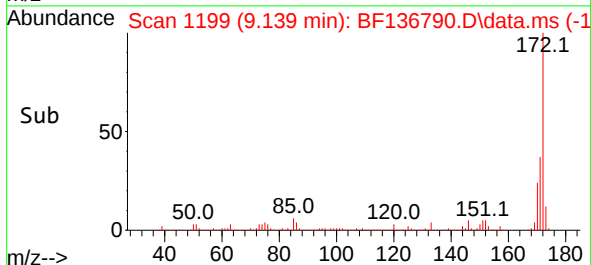
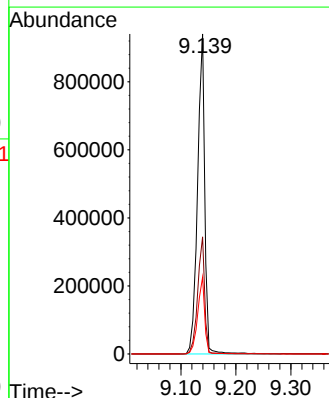
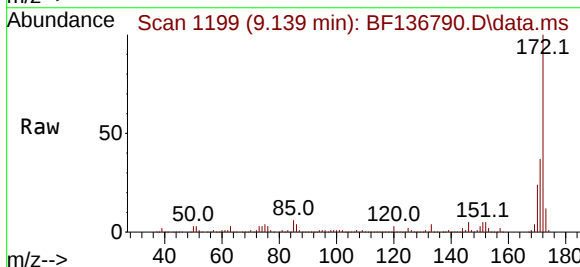
Tgt Ion:172 Resp: 857539

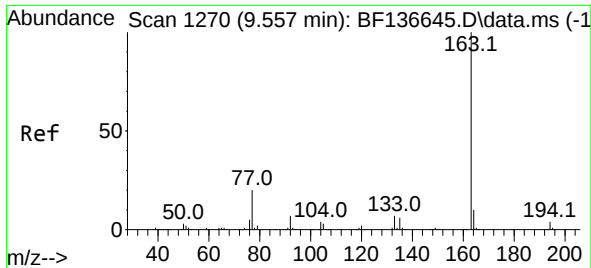
Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

170 24.0 19.0 28.4

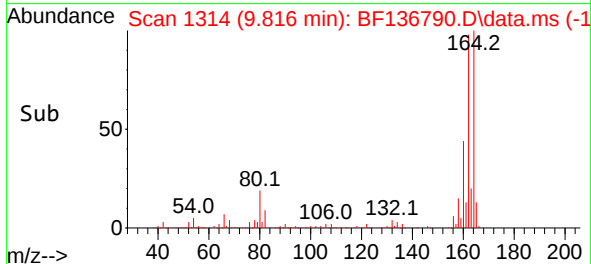
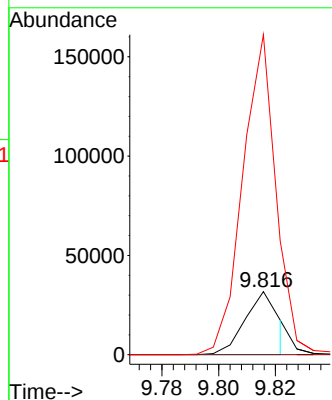
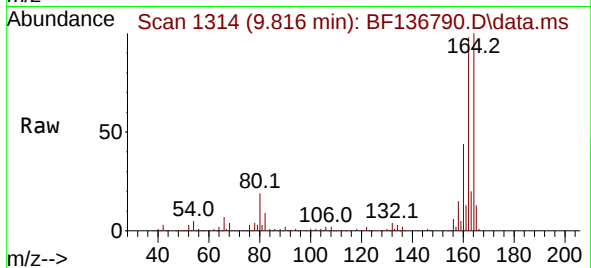




#50
Dimethylphthalate
Concen: 2.679 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

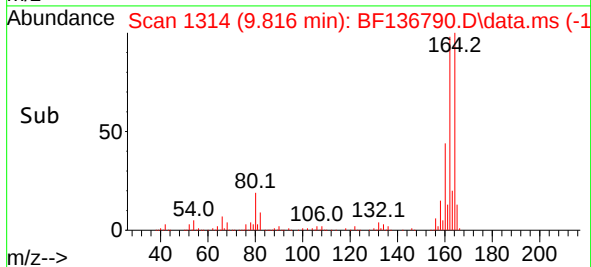
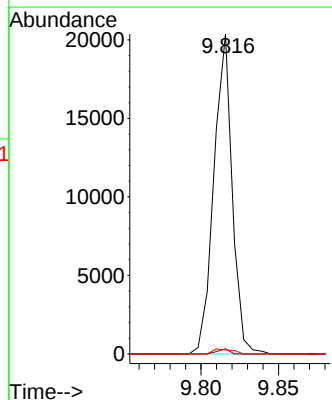
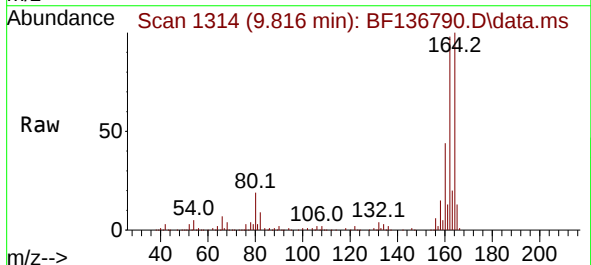
Instrument :
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ClientSampleId :
MR-320-0-2

Tgt Ion:163 Resp: 26050
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 508.0 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.594 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

Tgt Ion:165 Resp: 16757
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.2 38.8 58.2#

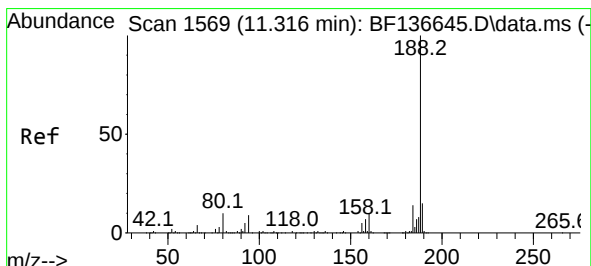
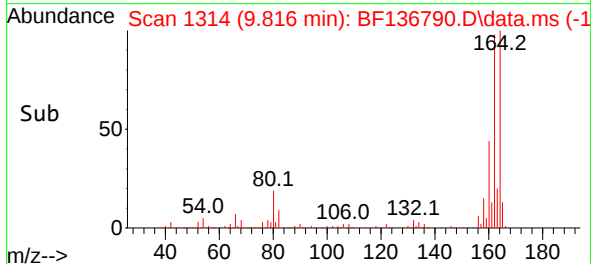
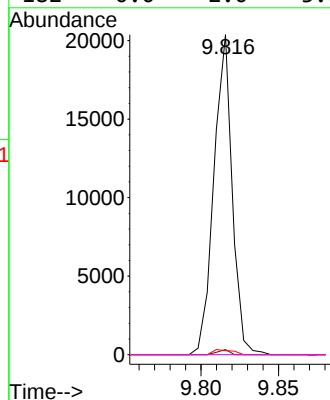
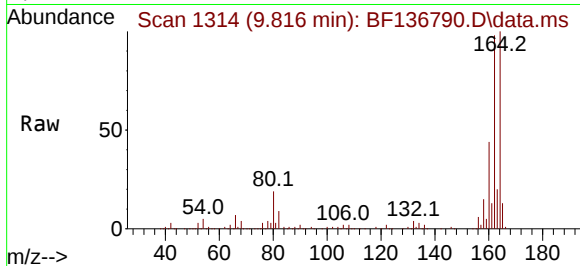




#57
2,4-Dinitrotoluene
Concen: 5.849 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

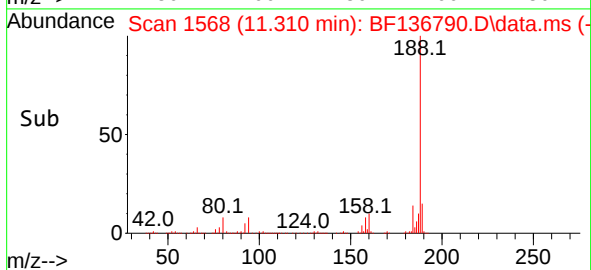
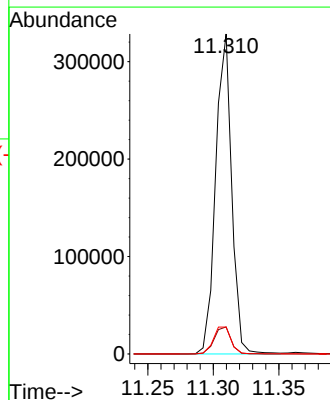
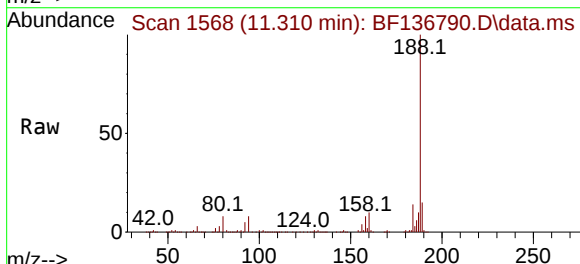
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BNA_F
ClientSampleId :
MR-320-0-2

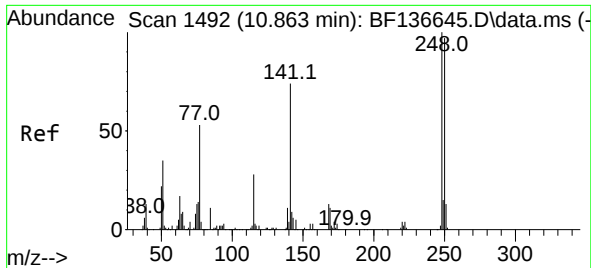
Tgt Ion:	165	Resp:	16757
Ion Ratio	Lower	Upper	
165	100		
63	1.6	41.0	61.6#
89	1.2	59.9	89.9#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

Tgt Ion:	188	Resp:	278070
Ion Ratio	Lower	Upper	
188	100		
94	8.5	7.5	11.3
80	8.4	8.1	12.1

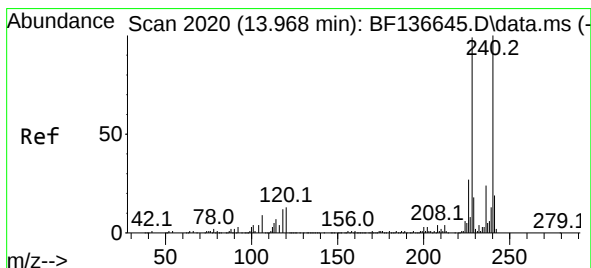
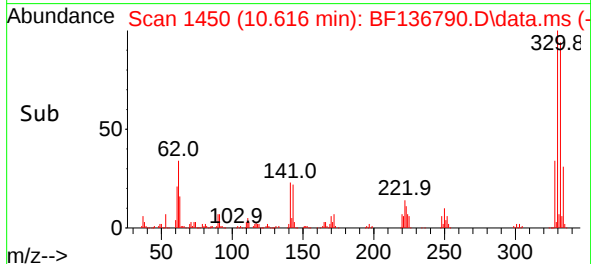
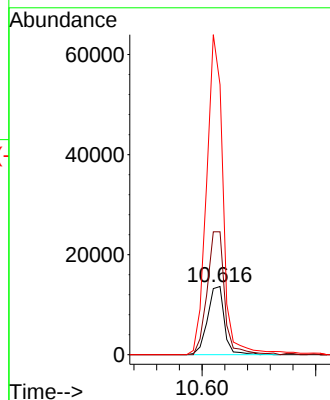
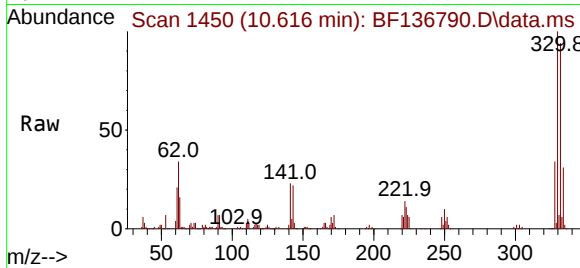




#67
4-Bromophenyl-phenylether
Concen: 4.546 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

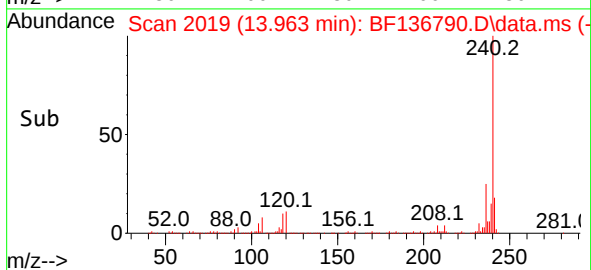
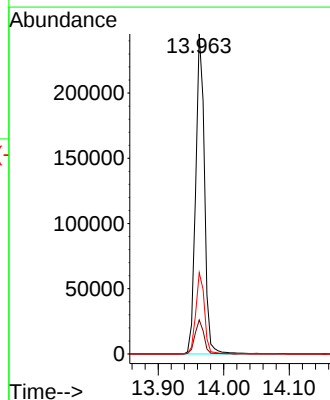
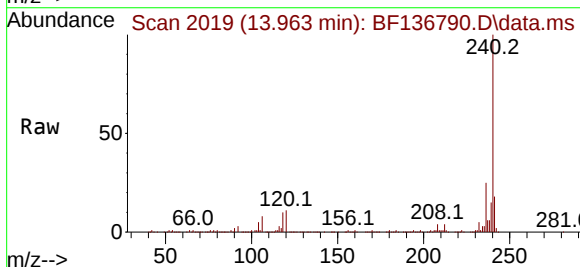
Instrument :
BNA_F
ClientSampleId :
MR-320-0-2

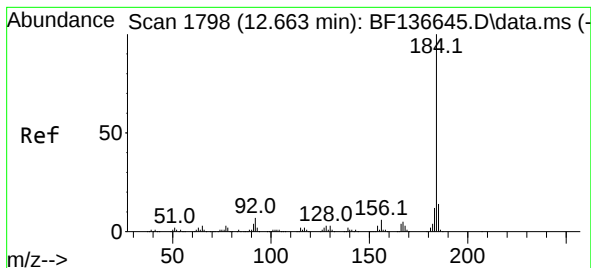
Tgt Ion:248 Resp: 14038
Ion Ratio Lower Upper
248 100
250 180.3 77.8 116.6#
141 395.7 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

Tgt Ion:240 Resp: 229696
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 25.4 19.4 29.2





#77

Benzidine

Concen: 2.146 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.247 min

Lab File: BF136790.D

Acq: 28 Dec 2023 12:48

Instrument :

BNA_F

ClientSampleId :

MR-320-0-2

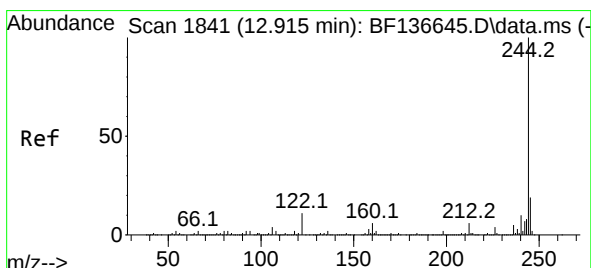
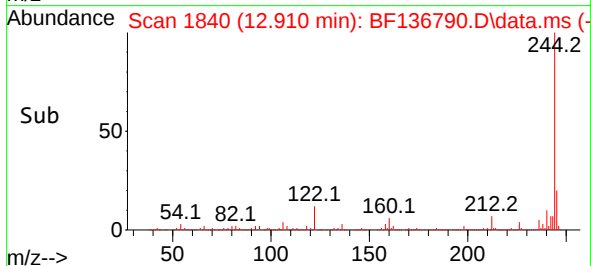
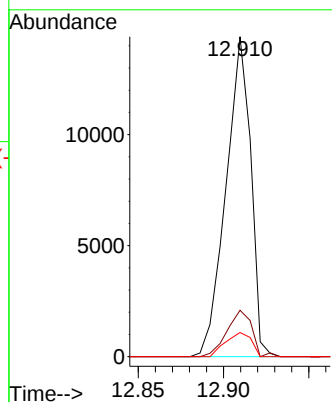
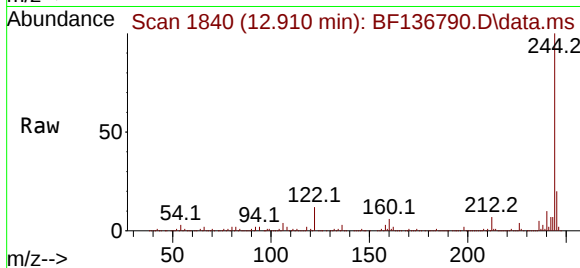
Tgt Ion:184 Resp: 14534

Ion Ratio Lower Upper

184 100

185 14.5 11.2 16.8

183 7.6 9.3 13.9#



#79

Terphenyl-d14

Concen: 76.766 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF136790.D

Acq: 28 Dec 2023 12:48

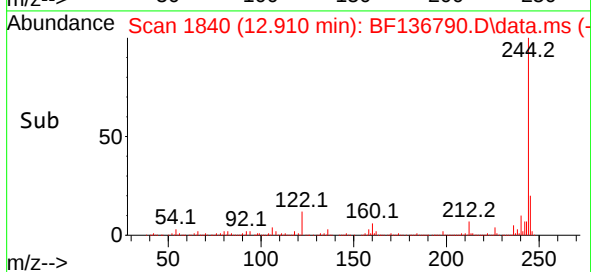
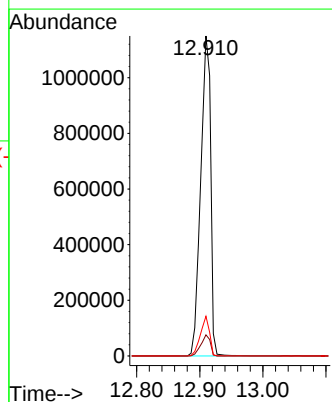
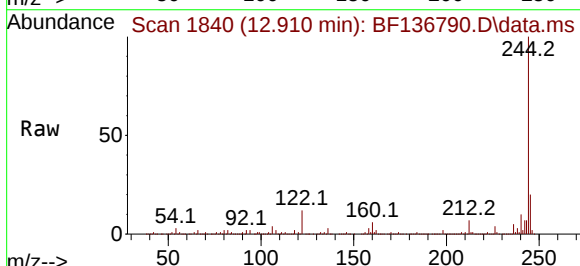
Tgt Ion:244 Resp: 1261775

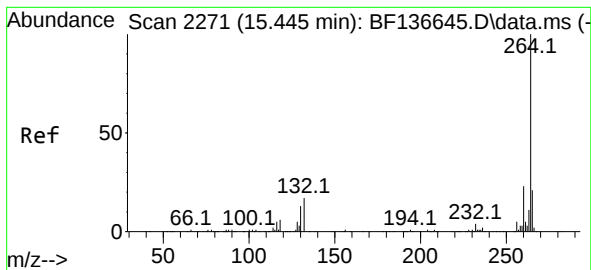
Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

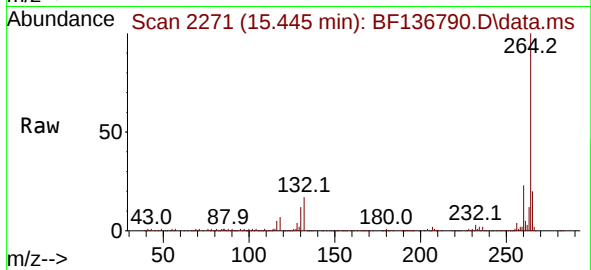
122 12.4 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

Instrument :
BNA_F
ClientSampleId :
MR-320-0-2



Tgt Ion:264 Resp: 171878

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	20.3	17.0	25.6

