

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136827.D
 Acq On : 29 Dec 2023 14:08
 Operator : CG\JU
 Sample : 05975-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-122023

Quant Time: Dec 29 14:26:37 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)

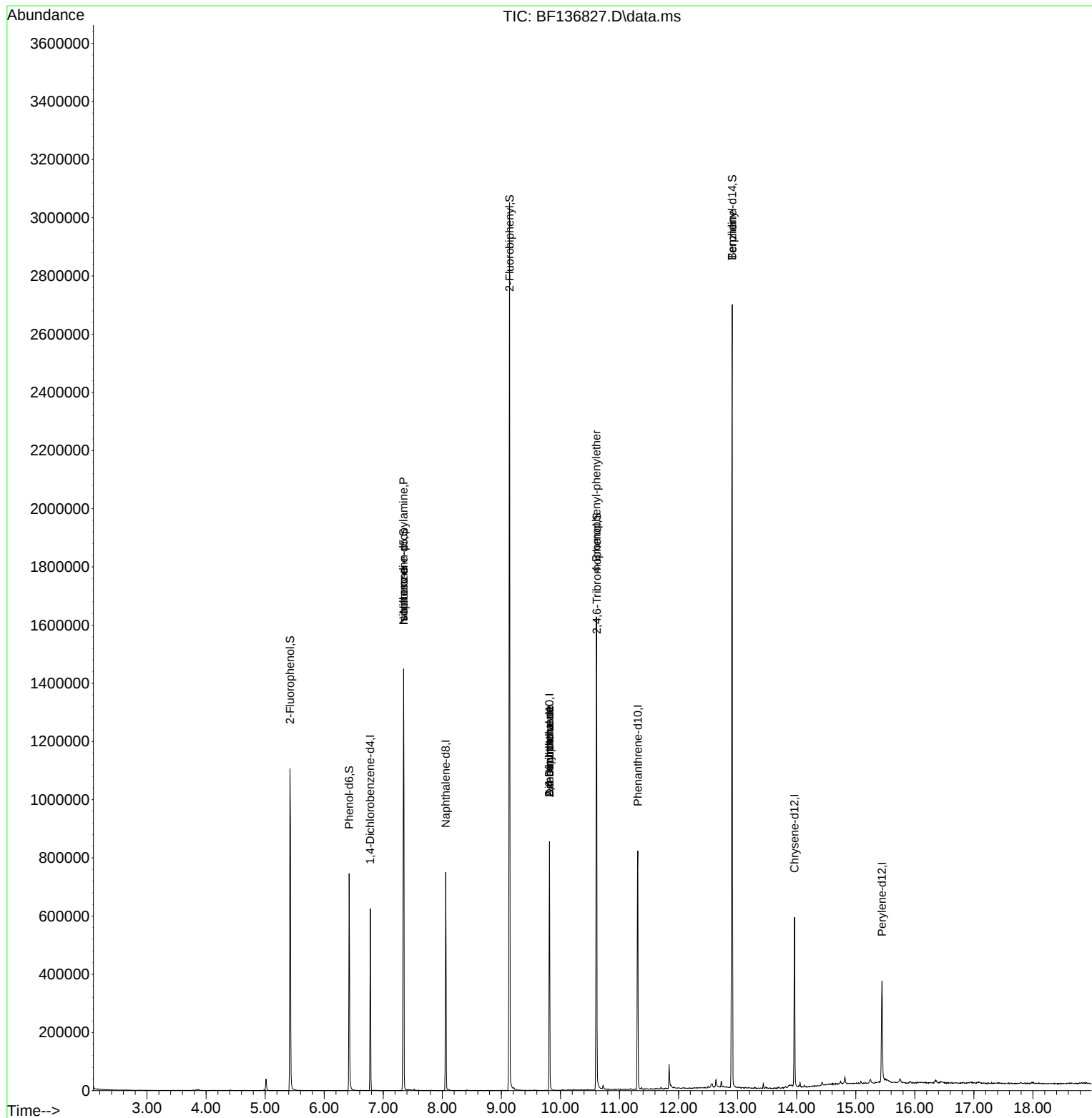
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	82361	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	316487	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	166372	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	315383	20.000	ng	0.00
76) Chrysene-d12	13.962	240	190664	20.000	ng	0.00
86) Perylene-d12	15.445	264	167181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	300270	56.885	ng	0.00
7) Phenol-d6	6.422	99	232183	33.946	ng	-0.02
23) Nitrobenzene-d5	7.345	82	499420	80.749	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	225915	115.298	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	961851	77.758	ng	-0.01
79) Terphenyl-d14	12.910	244	1008653	73.929	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	65626	15.828	ng	# 75
25) Isophorone	7.345	82	498325	44.280	ng	# 65
50) Dimethylphthalate	9.816	163	33288	2.739	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	21112	7.655	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	21112	5.897	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	12923	3.690	ng	# 1
77) Benzidine	12.910	184	11338	2.017	ng	# 89

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

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7-122023

Quant Time: Dec 29 14:26:37 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

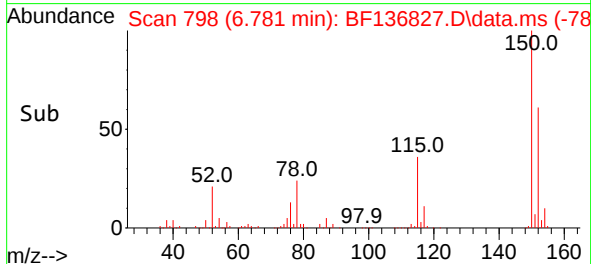
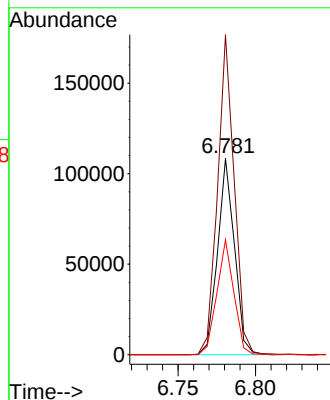
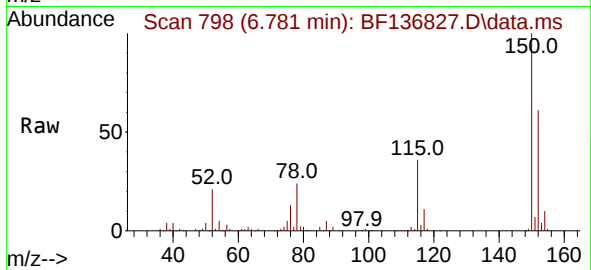




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

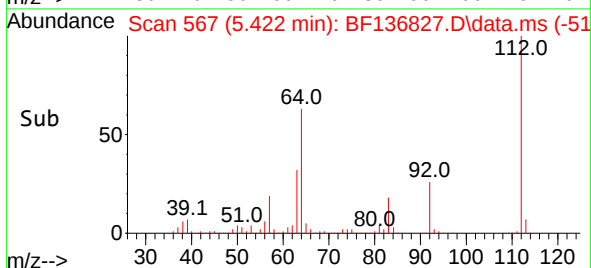
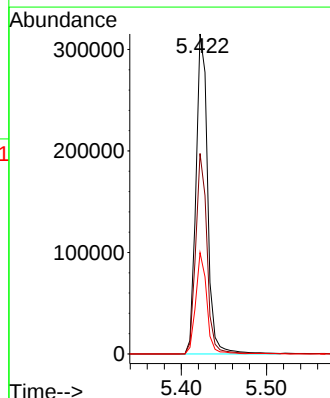
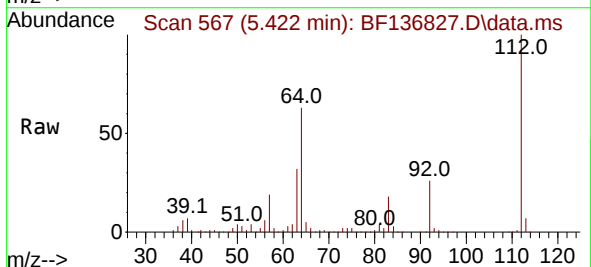
Instrument :
BNA_F
ClientSampleId :
MW-7-122023

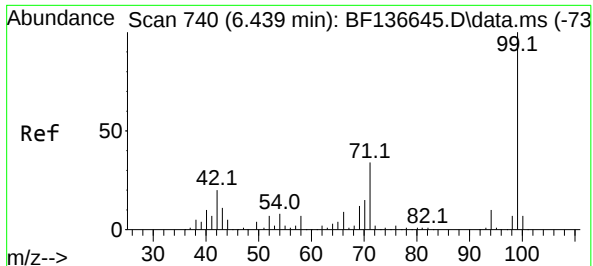
Tgt Ion:152 Resp: 82361
Ion Ratio Lower Upper
152 100
150 162.8 127.0 190.6
115 58.5 49.0 73.4



#5
2-Fluorophenol
Concen: 56.885 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

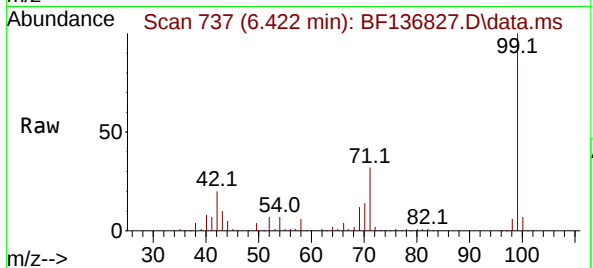
Tgt Ion:112 Resp: 300270
Ion Ratio Lower Upper
112 100
64 62.7 51.1 76.7
63 31.7 26.1 39.1





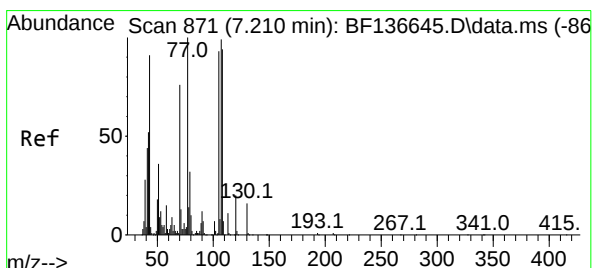
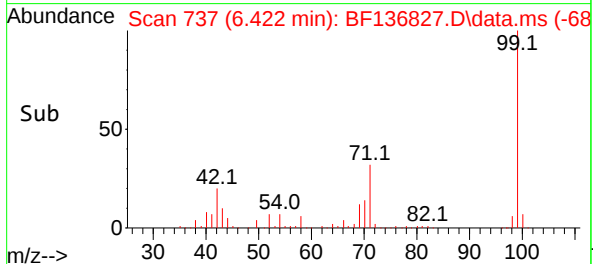
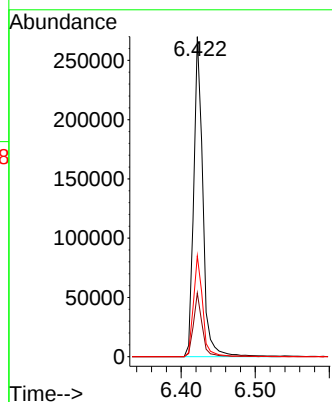
#7
Phenol-d6
Concen: 33.946 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

Instrument :
BNA_F
ClientSampleId :
MW-7-122023



Tgt Ion: 99 Resp: 232183

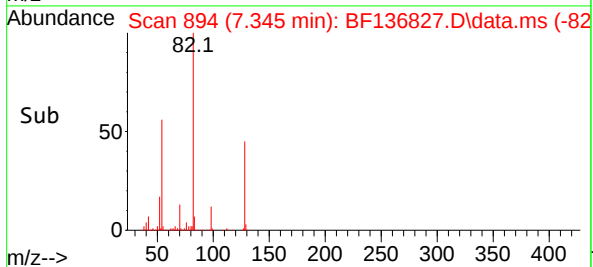
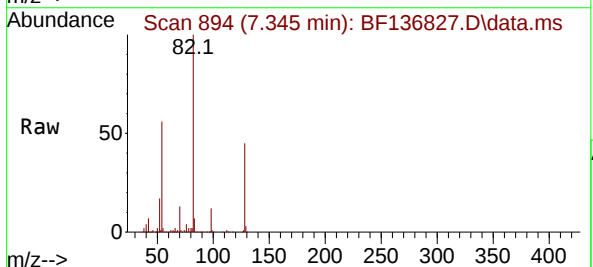
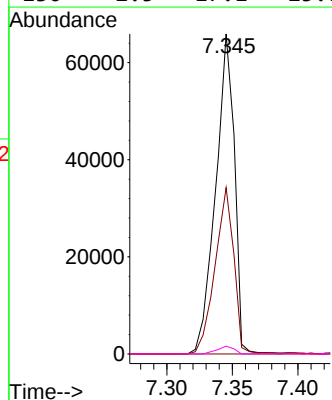
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.1	24.1
71	31.5	27.4	41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.828 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

Tgt Ion: 70 Resp: 65626

Ion	Ratio	Lower	Upper
70	100		
42	52.0	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: BF136827.D
Acq: 29 Dec 2023 14:08

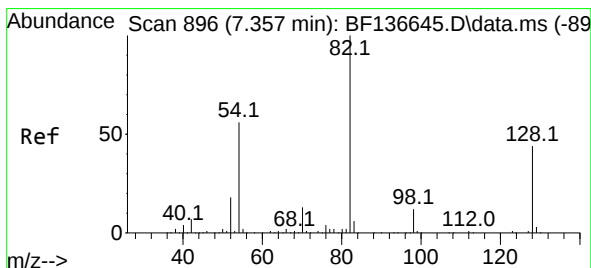
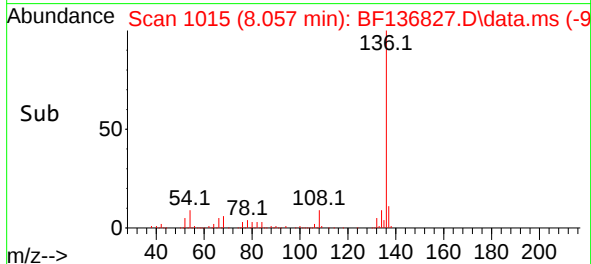
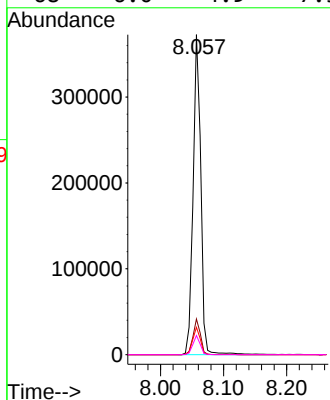
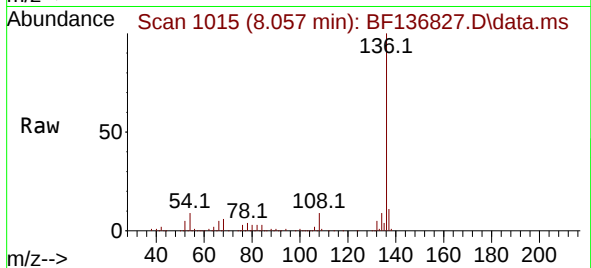
Instrument :

BNA_F

ClientSampleId :

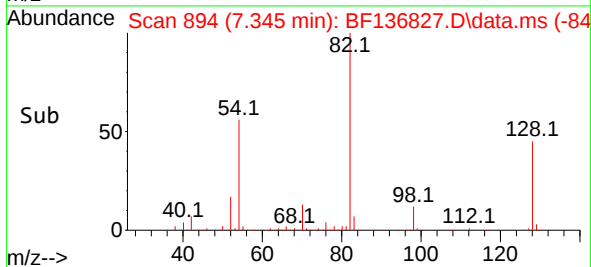
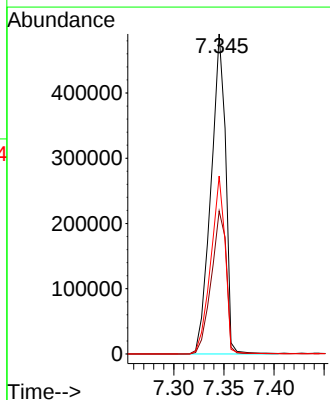
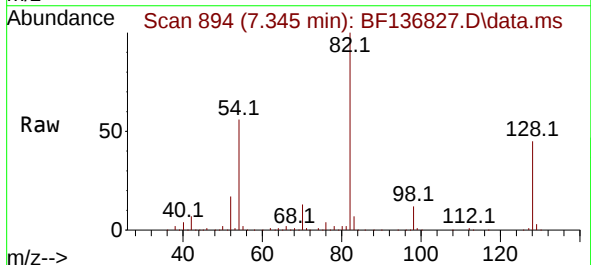
MW-7-122023

Tgt Ion:136 Resp: 316487
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.6 7.2 10.8
68 6.0 4.9 7.3



#23
Nitrobenzene-d5
Concen: 80.749 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

Tgt Ion: 82 Resp: 499420
Ion Ratio Lower Upper
82 100
128 44.7 35.3 52.9
54 55.6 44.5 66.7

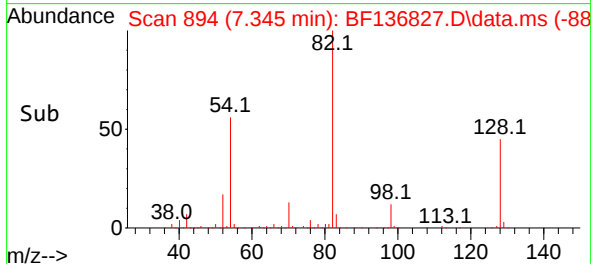
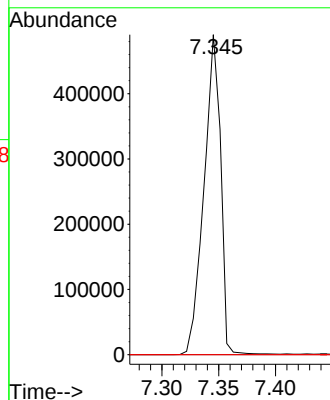
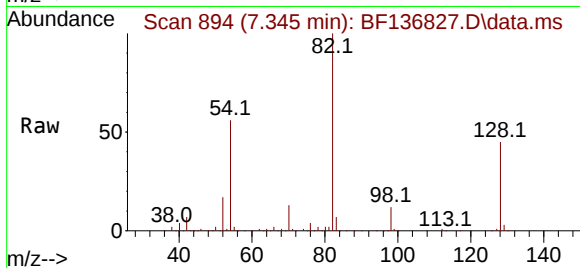




#25
Isophorone
Concen: 44.280 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

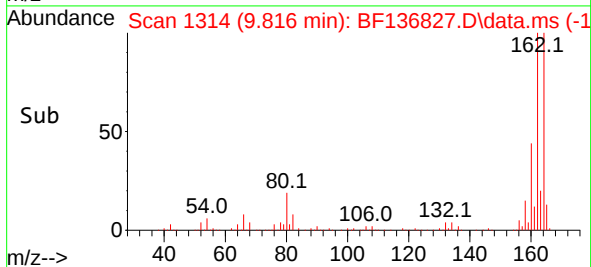
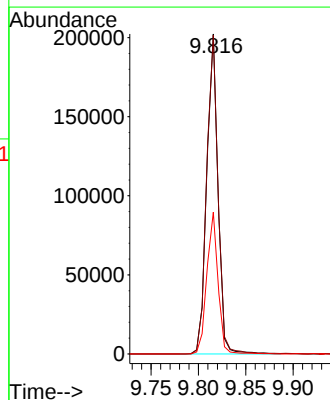
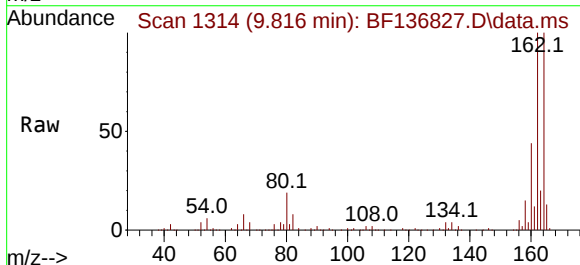
Instrument :
BNA_F
ClientSampleId :
MW-7-122023

Tgt Ion: 82 Resp: 498325
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: BF136827.D
Acq: 29 Dec 2023 14:08

Tgt Ion:164 Resp: 166372
Ion Ratio Lower Upper
164 100
162 99.7 81.6 122.4
160 44.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 115.298 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136827.D

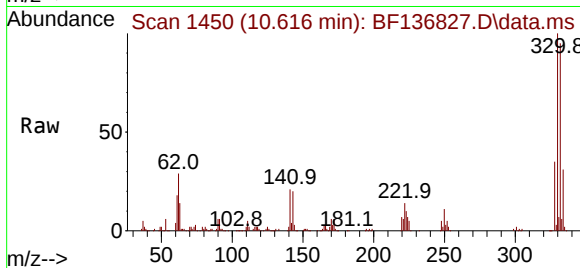
Acq: 29 Dec 2023 14:08

Instrument :

BNA_F

ClientSampleId :

MW-7-122023



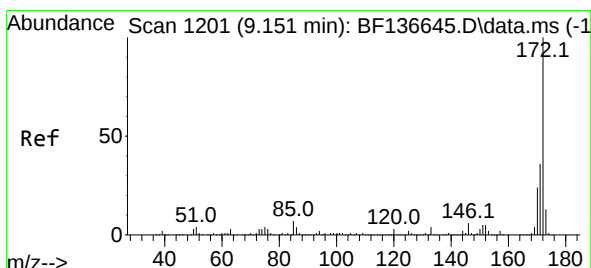
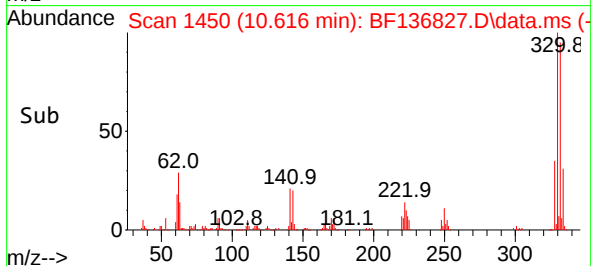
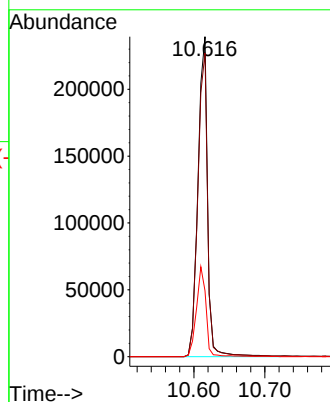
Tgt Ion:330 Resp: 225915

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

141 28.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 77.758 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136827.D

Acq: 29 Dec 2023 14:08

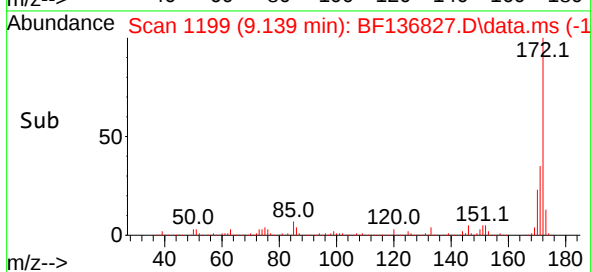
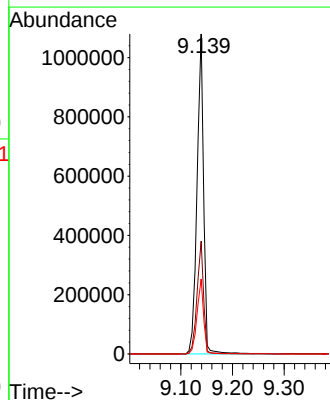
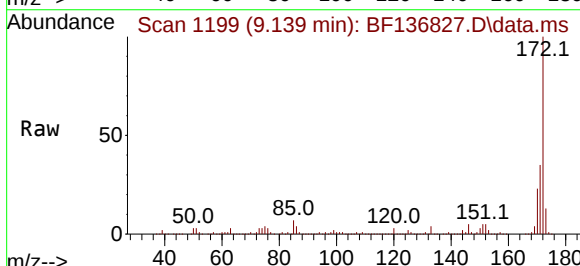
Tgt Ion:172 Resp: 961851

Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.6

170 23.5 19.0 28.4

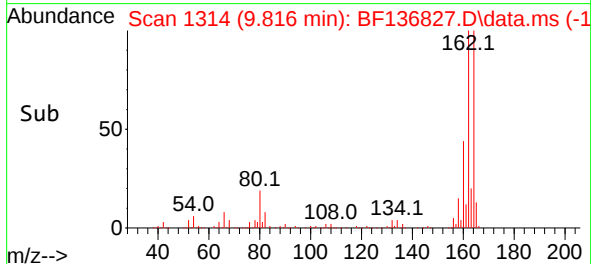
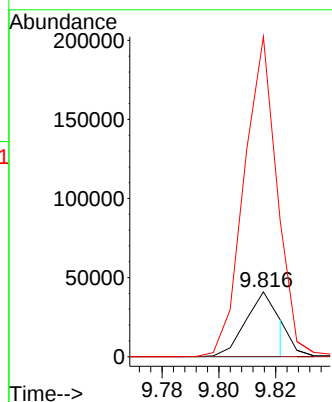
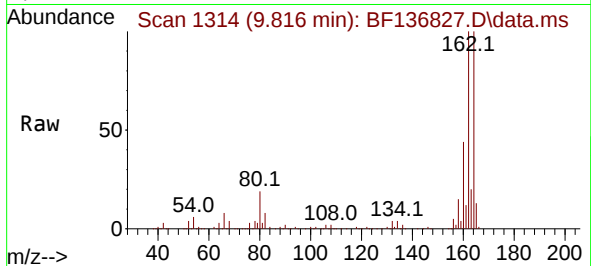




#50
Dimethylphthalate
Concen: 2.739 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

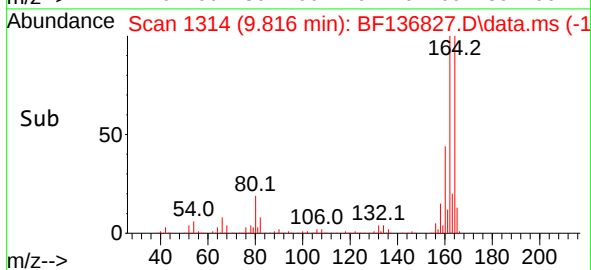
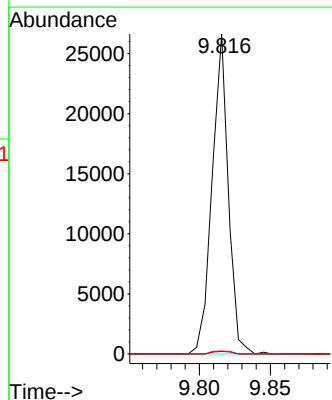
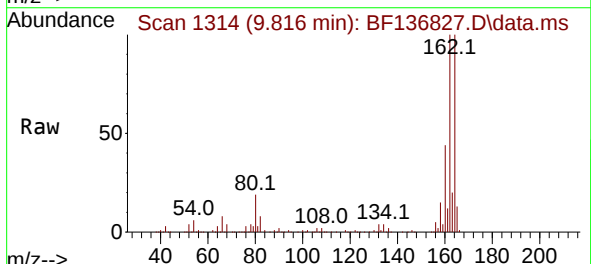
Instrument :
BNA_F
ClientSampleId :
MW-7-122023

Tgt Ion:163 Resp: 33288
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 493.6 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.655 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

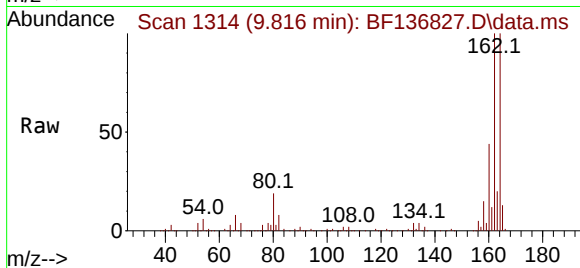
Tgt Ion:165 Resp: 21112
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 0.9 38.8 58.2#



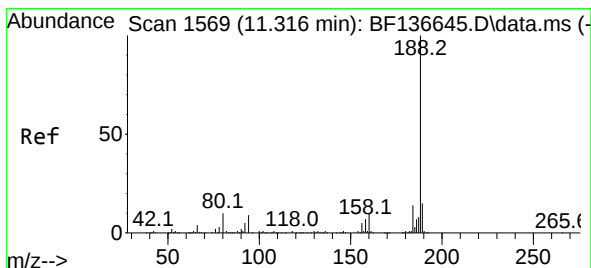
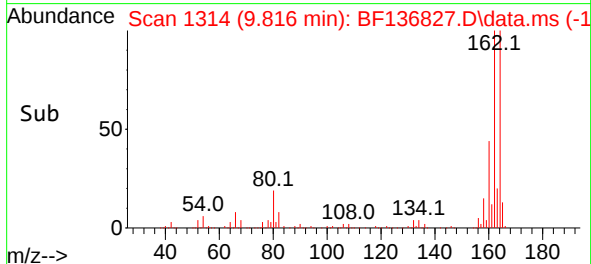
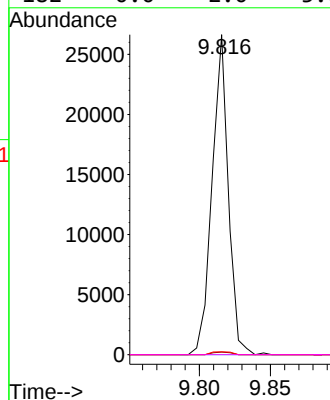


#57
2,4-Dinitrotoluene
Concen: 5.897 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

Instrument :
BNA_F
ClientSampleId :
MW-7-122023

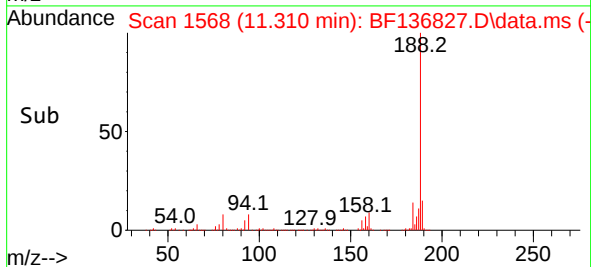
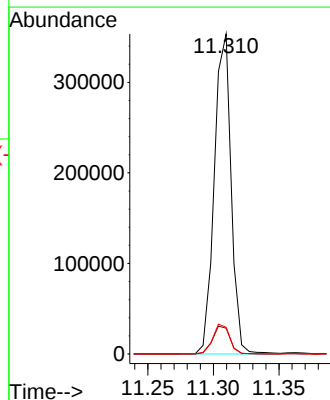
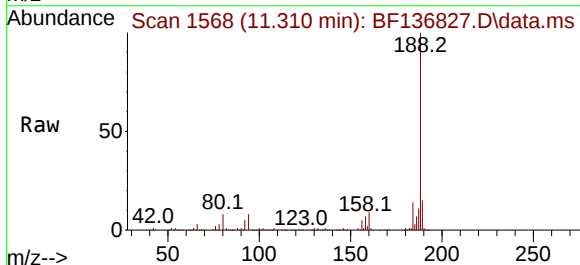


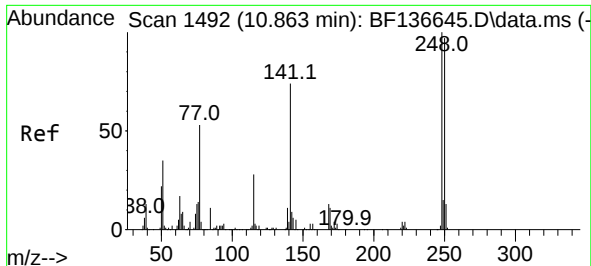
Tgt Ion:165 Resp: 21112
Ion Ratio Lower Upper
165 100
63 0.8 41.0 61.6#
89 0.9 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

Tgt Ion:188 Resp: 315383
Ion Ratio Lower Upper
188 100
94 8.1 7.5 11.3
80 8.4 8.1 12.1

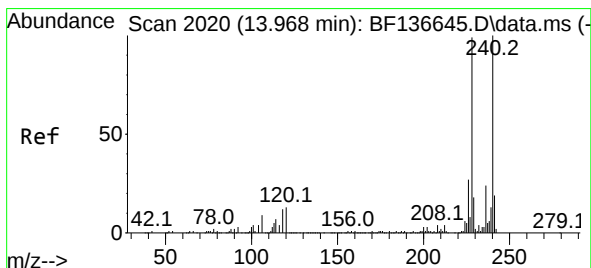
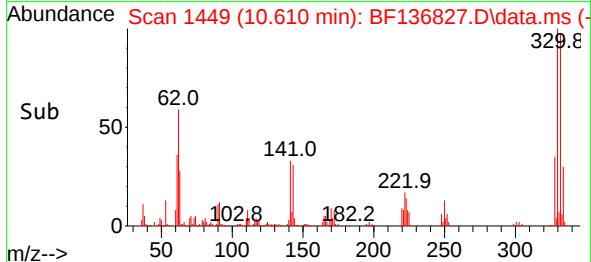
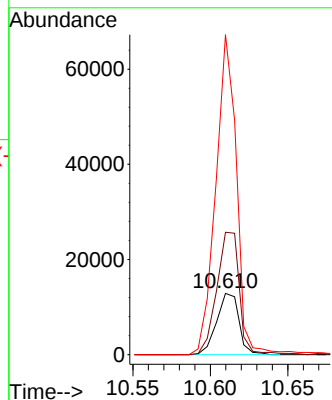
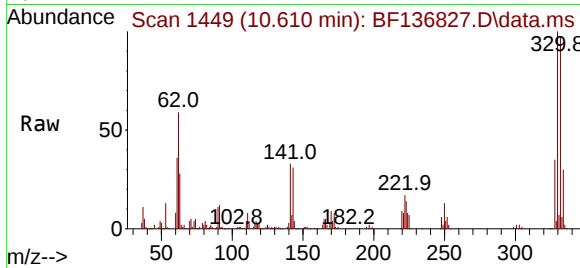




#67
4-Bromophenyl-phenylether
Concen: 3.690 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

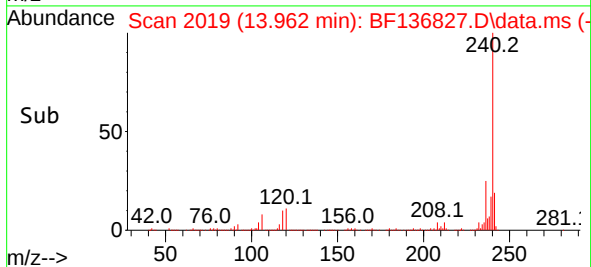
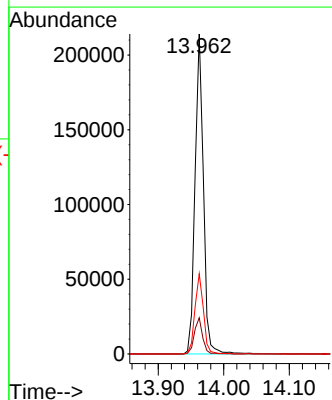
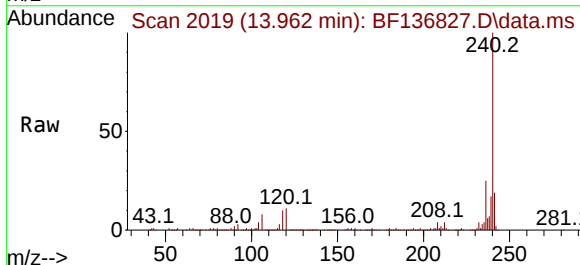
Instrument :
BNA_F
ClientSampleId :
MW-7-122023

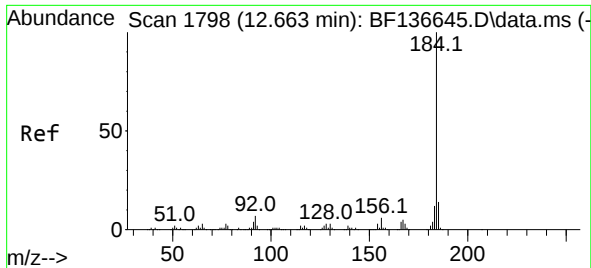
Tgt Ion:248 Resp: 12923
Ion Ratio Lower Upper
248 100
250 199.5 77.8 116.6#
141 521.7 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

Tgt Ion:240 Resp: 190664
Ion Ratio Lower Upper
240 100
120 11.3 10.3 15.5
236 25.1 19.4 29.2

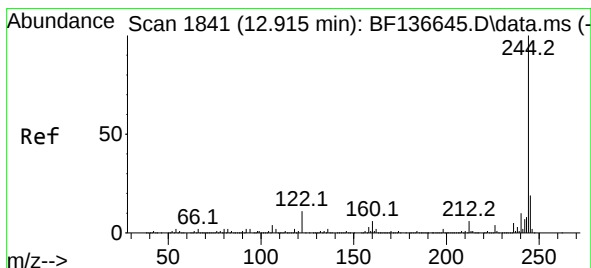
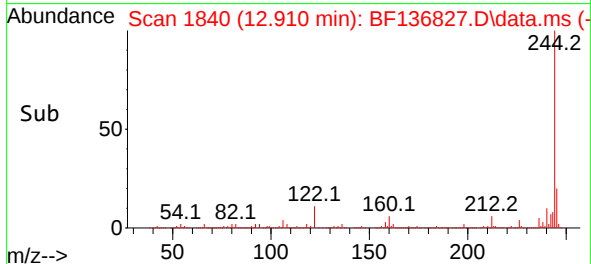
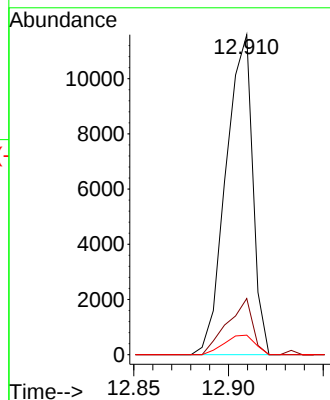
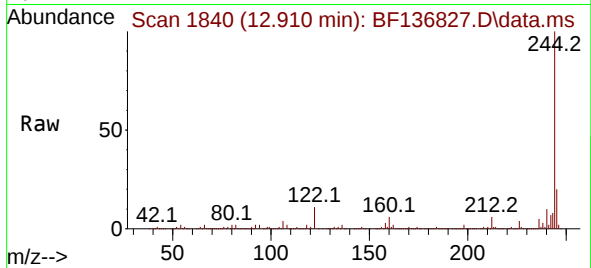




#77
Benzidine
Concen: 2.017 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

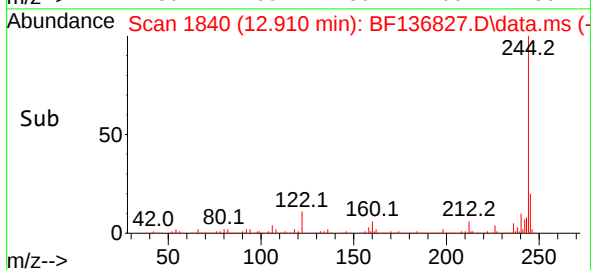
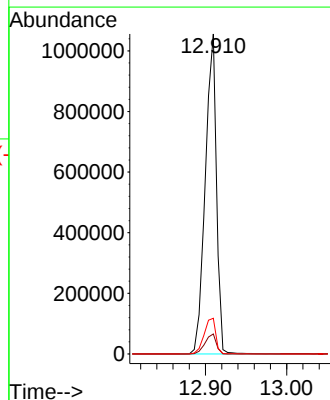
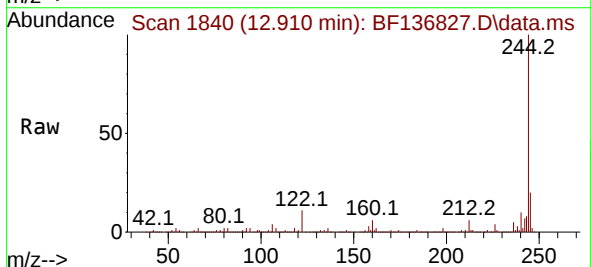
Instrument :
BNA_F
ClientSampleId :
MW-7-122023

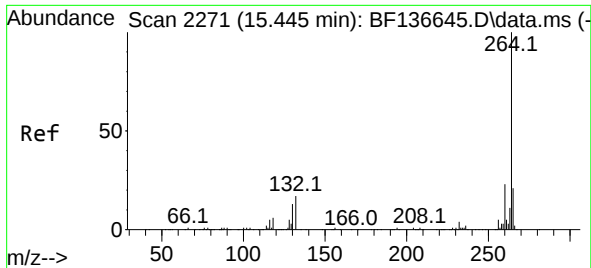
Tgt Ion:184 Resp: 11338
Ion Ratio Lower Upper
184 100
185 17.6 11.2 16.8#
183 6.1 9.3 13.9#



#79
Terphenyl-d14
Concen: 73.929 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

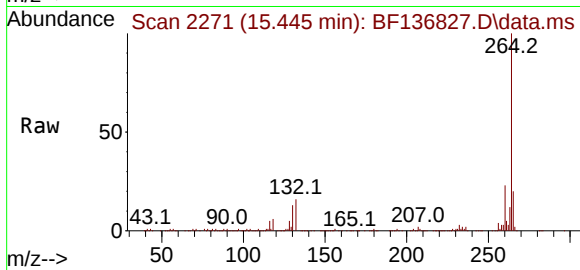
Tgt Ion:244 Resp: 1008653
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 11.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136827.D
 Acq: 29 Dec 2023 14:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-122023



Tgt Ion:264 Resp: 167181
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 20.4 17.0 25.6

