

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136848.D
 Acq On : 30 Dec 2023 01:55
 Operator : CG\JU
 Sample : 06015-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-323-0-2

Quant Time: Dec 30 03:10:37 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)

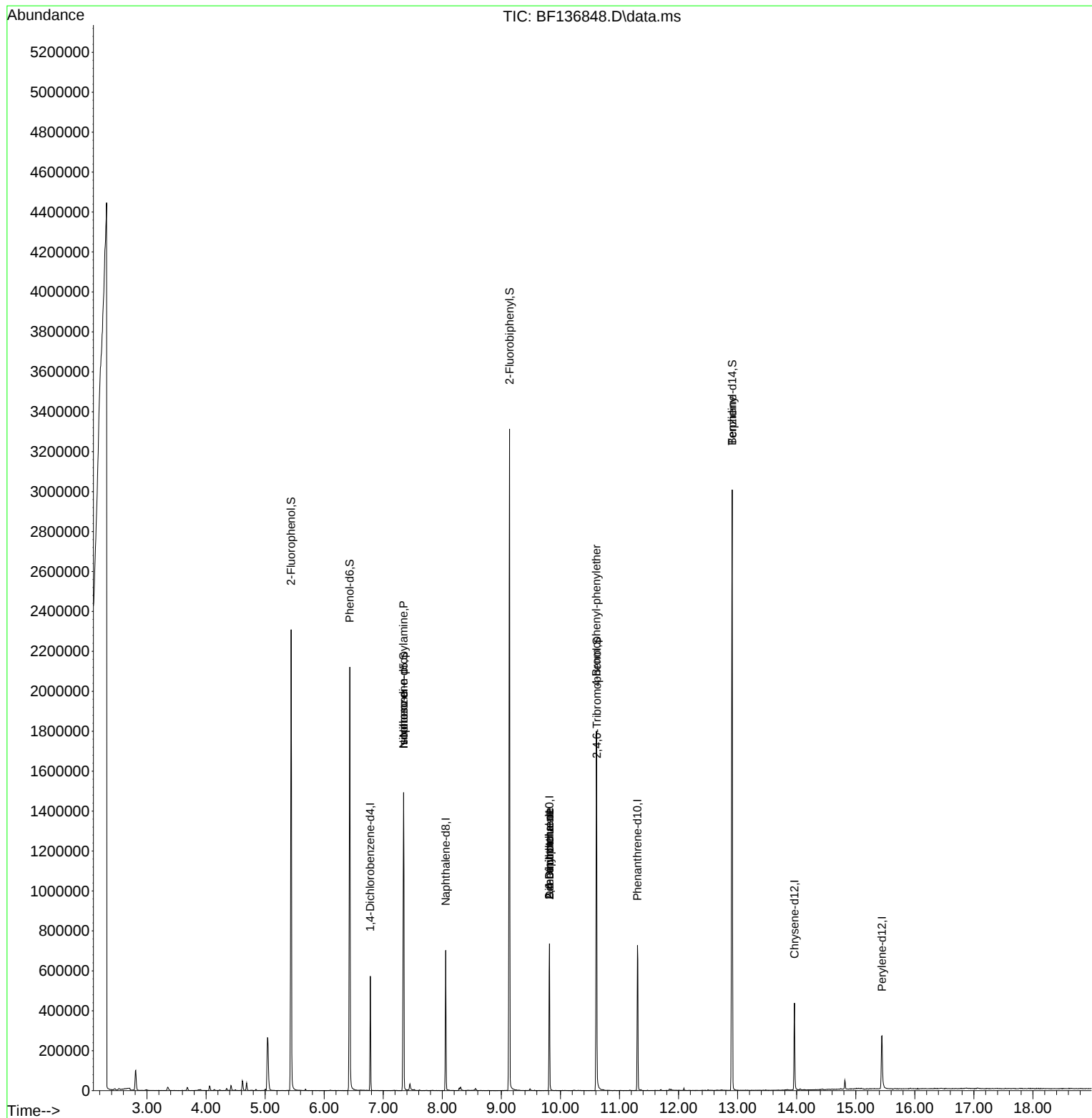
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	76313	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	298199	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	150652	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	284346	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	154170	20.000	ng	0.00
86) Perylene-d12	15.445	264	152851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	664938	135.952	ng	0.01
7) Phenol-d6	6.434	99	784810	123.836	ng	0.00
23) Nitrobenzene-d5	7.345	82	548486	94.120	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	253259	142.740	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1080713	96.483	ng	-0.01
79) Terphenyl-d14	12.910	244	1178286	106.805	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	72637	18.907	ng	# 72
25) Isophorone	7.345	82	547444	51.627	ng	# 65
50) Dimethylphthalate	9.816	163	30491	2.771	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	19665	7.874	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	19665	6.066	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	14919	4.724	ng	# 1
77) Benzidine	12.910	184	12832	2.823	ng	# 93

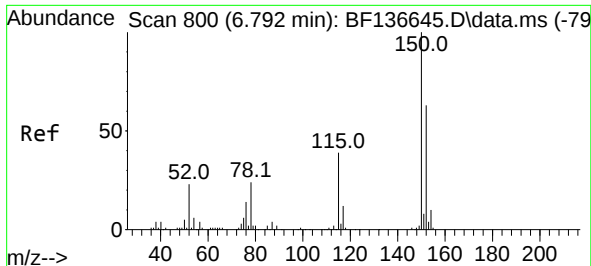
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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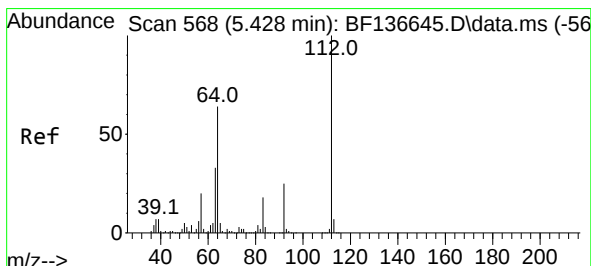
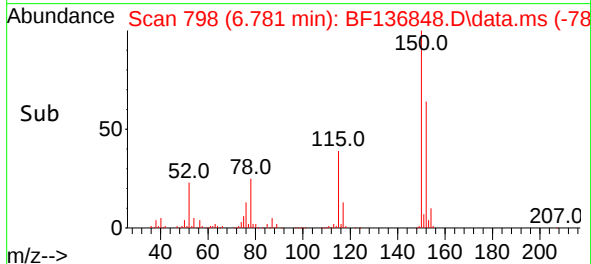
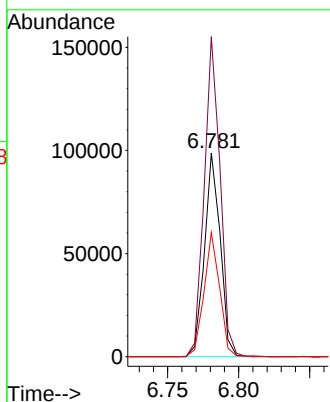
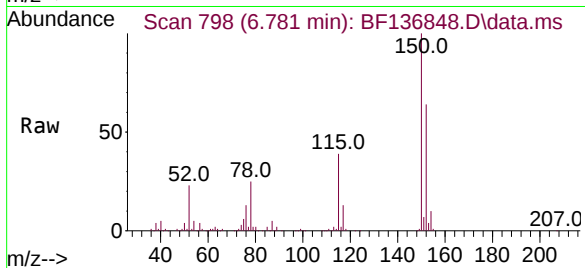




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136848.D
 Acq: 30 Dec 2023 01:55

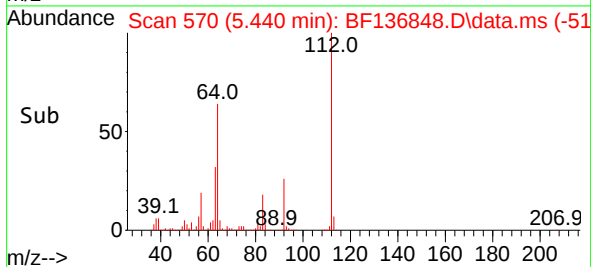
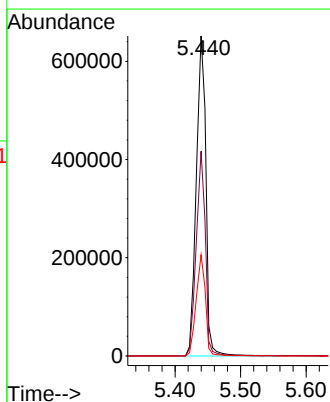
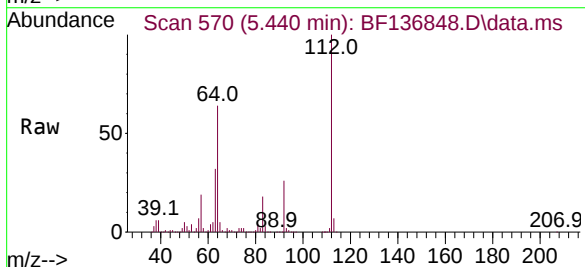
Instrument :
 BNA_F
 ClientSampleId :
 MR-323-0-2

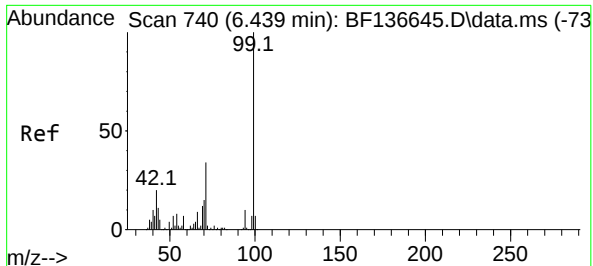
Tgt Ion:152 Resp: 76313
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.0 190.6
 115 61.0 49.0 73.4



#5
 2-Fluorophenol
 Concen: 135.952 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF136848.D
 Acq: 30 Dec 2023 01:55

Tgt Ion:112 Resp: 664938
 Ion Ratio Lower Upper
 112 100
 64 64.0 51.1 76.7
 63 31.6 26.1 39.1



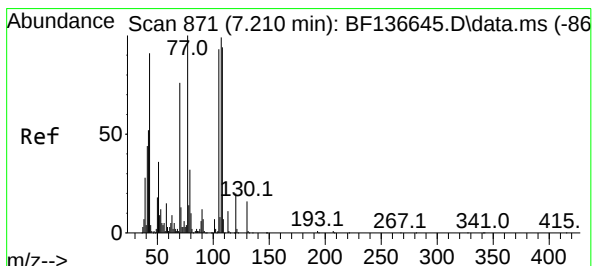
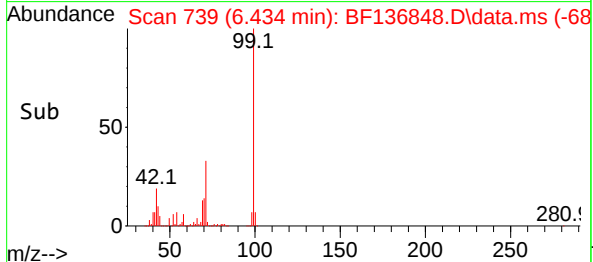
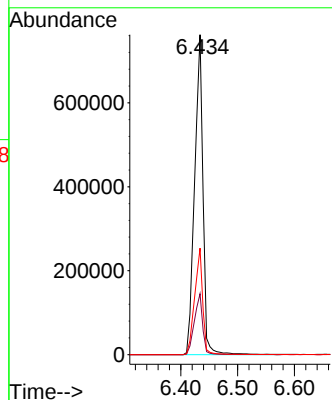
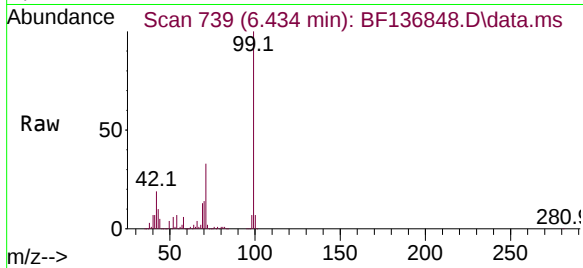


#7
Phenol-d6
Concen: 123.836 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

Instrument :
BNA_F
ClientSampleId :
MR-323-0-2

Tgt Ion: 99 Resp: 784810

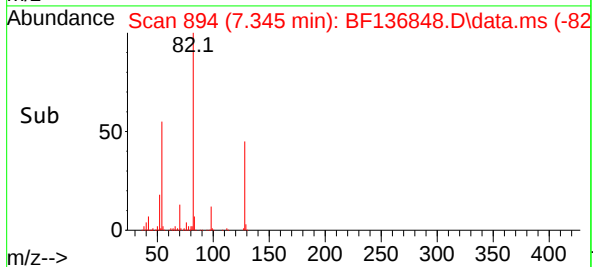
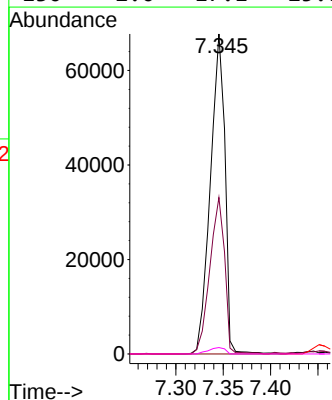
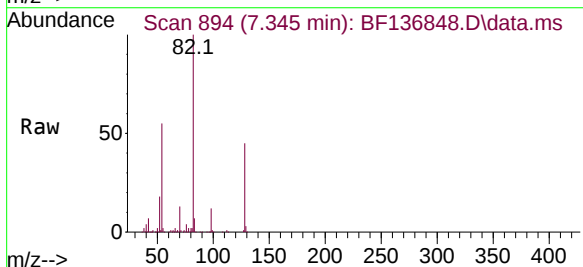
Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.1	24.1
71	33.3	27.4	41.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.907 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

Tgt Ion: 70 Resp: 72637

Ion	Ratio	Lower	Upper
70	100		
42	48.9	54.2	81.4#
101	0.0	7.6	11.4#
130	2.0	17.1	25.7#



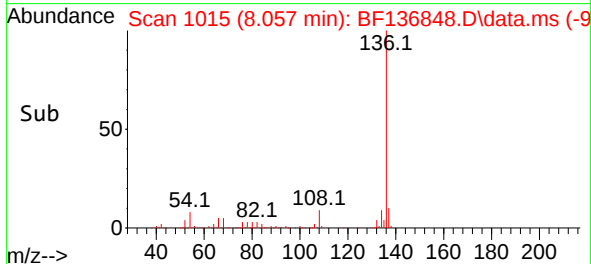
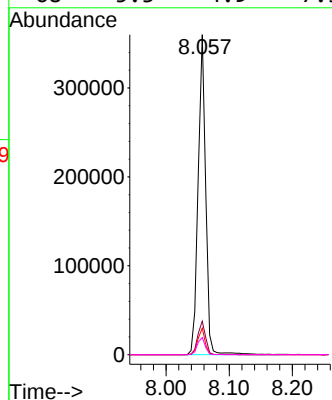
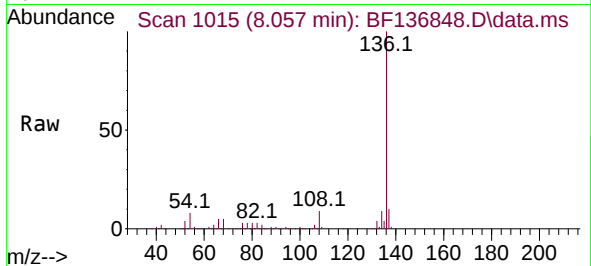


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

Instrument :
BNA_F
ClientSampleId :
MR-323-0-2

Tgt Ion:136 Resp: 298199

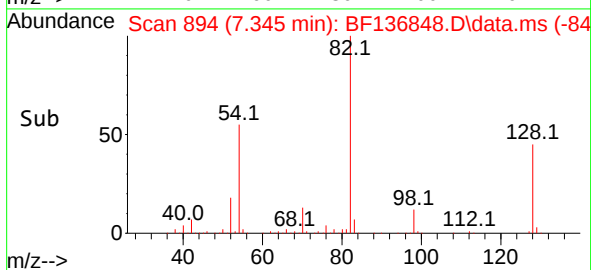
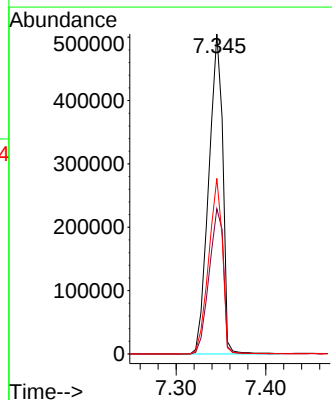
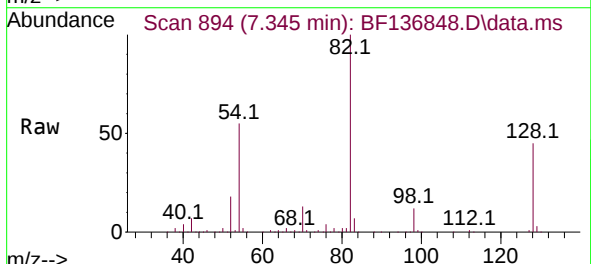
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	8.3	7.2	10.8
68	5.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 94.120 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

Tgt Ion: 82 Resp: 548486

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.3	52.9
54	54.8	44.5	66.7

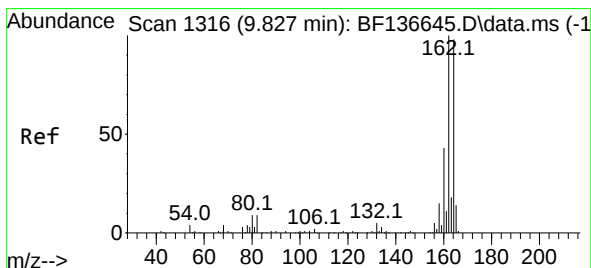
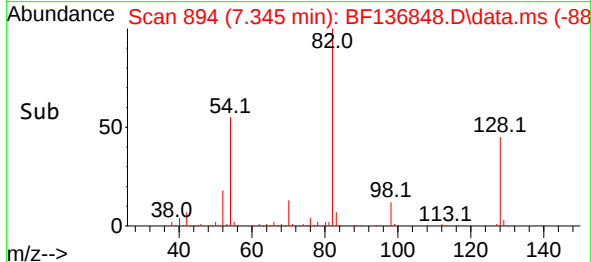
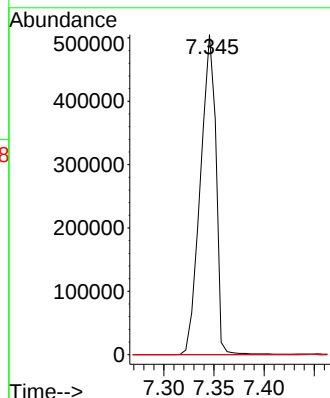
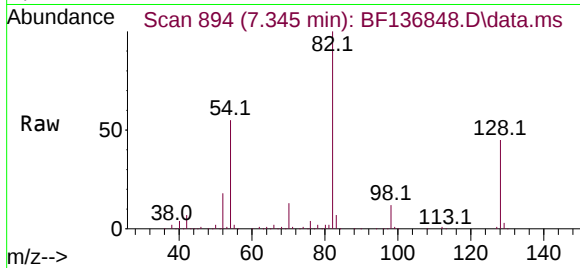




#25
Isophorone
Concen: 51.627 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

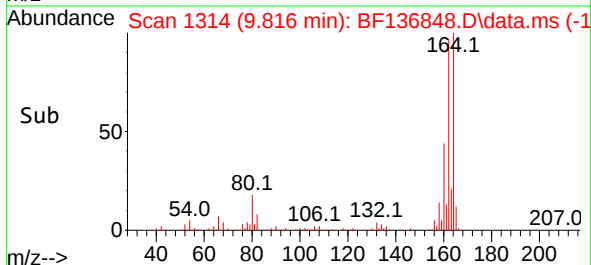
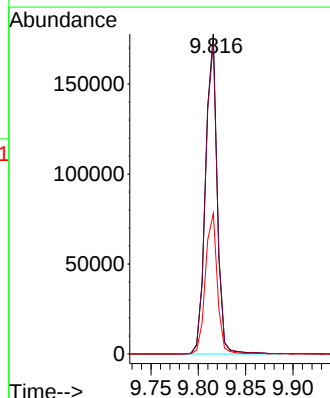
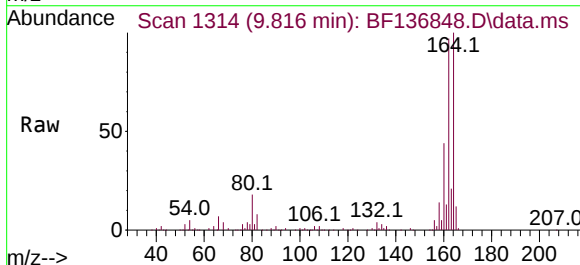
Instrument :
BNA_F
ClientSampleId :
MR-323-0-2

Tgt Ion: 82 Resp: 547444
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: BF136848.D
Acq: 30 Dec 2023 01:55

Tgt Ion:164 Resp: 150652
Ion Ratio Lower Upper
164 100
162 97.2 81.6 122.4
160 43.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 142.740 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136848.D

Acq: 30 Dec 2023 01:55

Instrument :

BNA_F

ClientSampleId :

MR-323-0-2

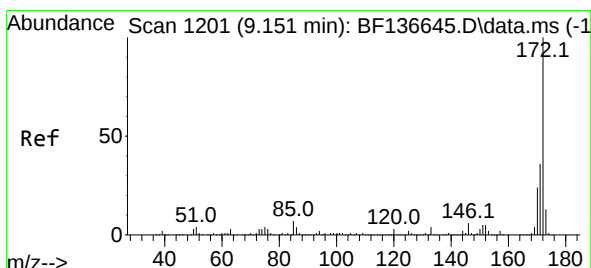
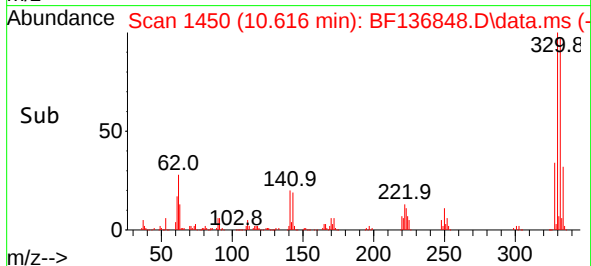
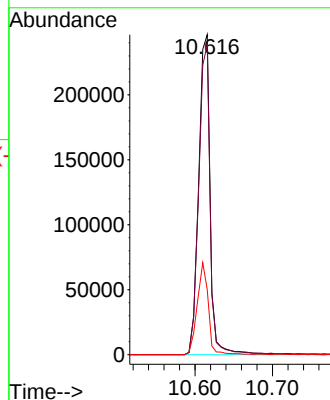
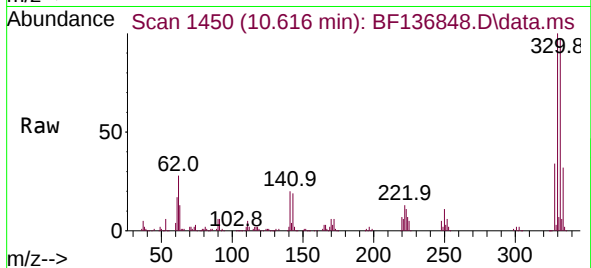
Tgt Ion:330 Resp: 253259

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 96.483 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136848.D

Acq: 30 Dec 2023 01:55

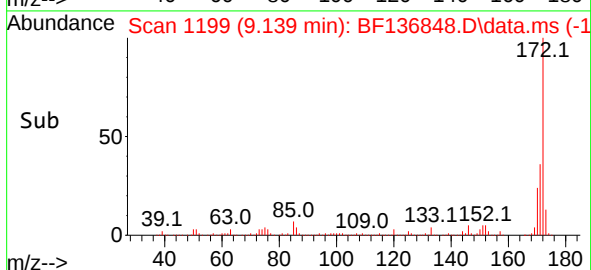
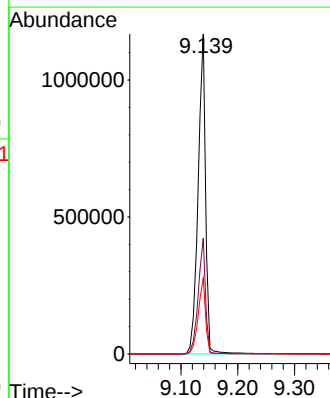
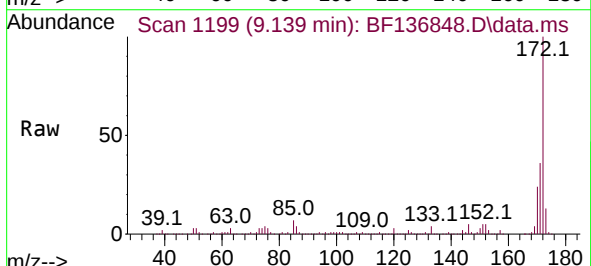
Tgt Ion:172 Resp: 1080713

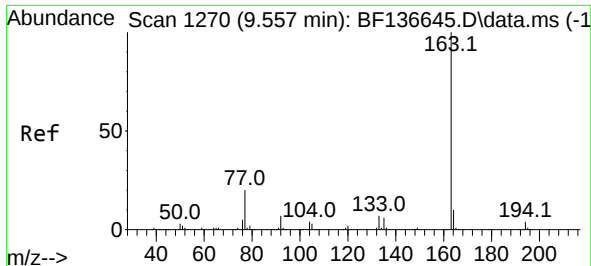
Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

170 23.7 19.0 28.4

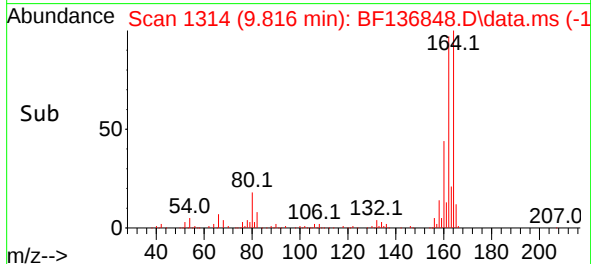
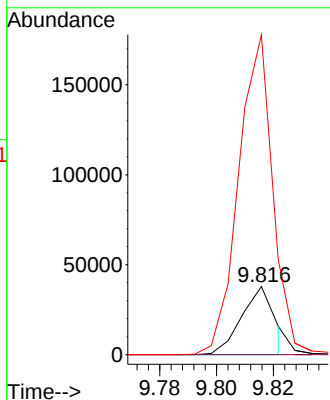
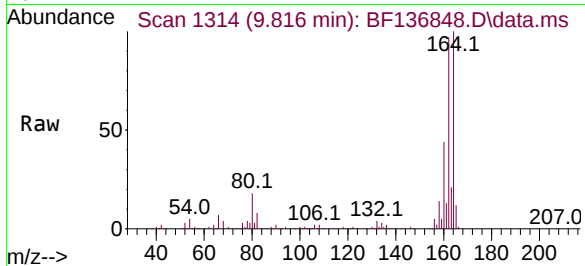




#50
Dimethylphthalate
Concen: 2.771 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

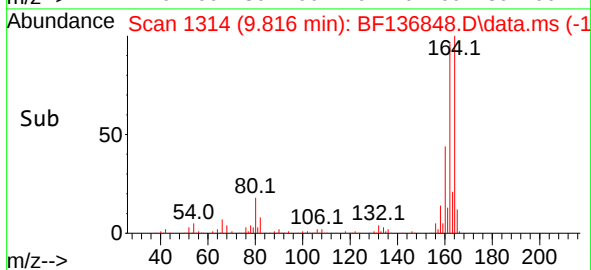
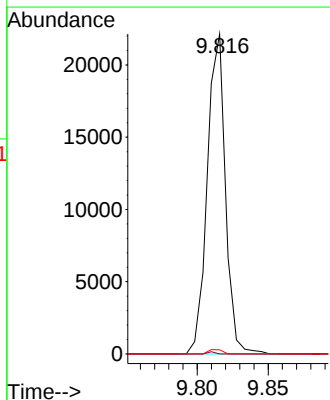
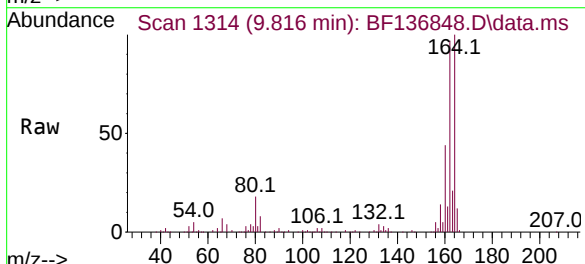
Instrument :
BNA_F
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MR-323-0-2

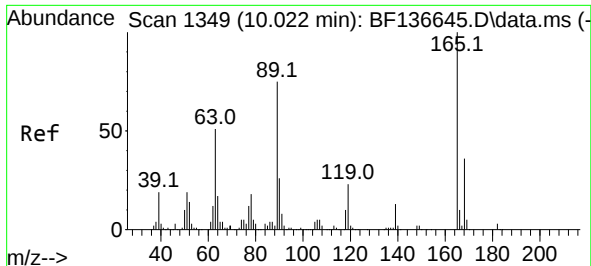
Tgt Ion:163 Resp: 30491
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 469.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.874 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

Tgt Ion:165 Resp: 19665
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 1.3 38.8 58.2#

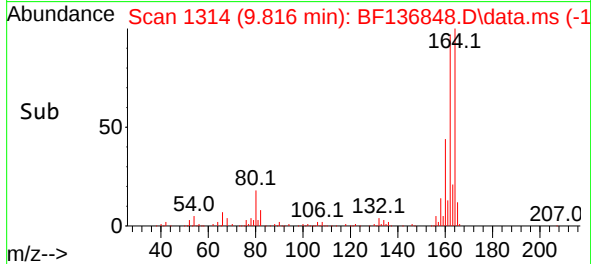
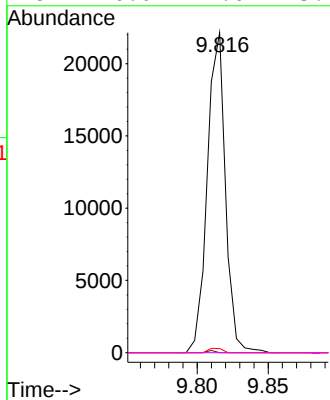
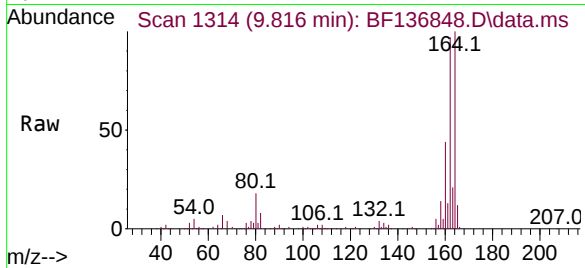




#57
2,4-Dinitrotoluene
Concen: 6.066 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

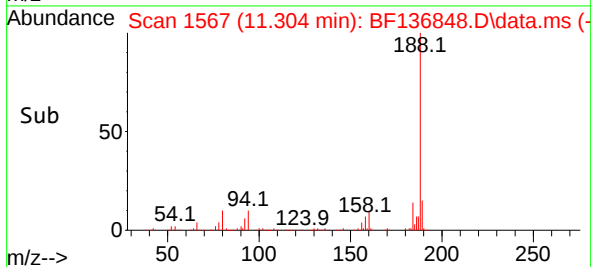
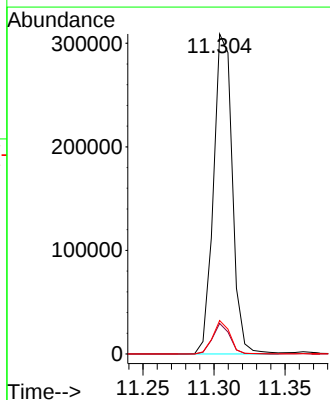
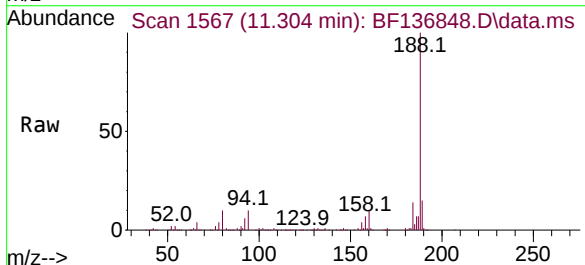
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BNA_F
ClientSampleId :
MR-323-0-2

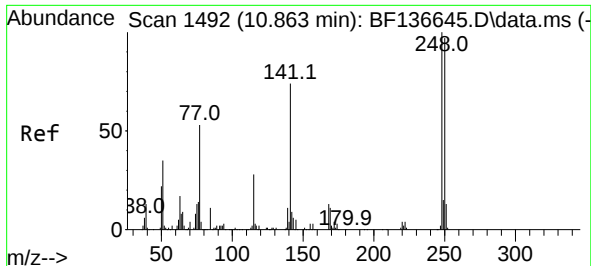
Tgt Ion:165 Resp: 19665
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 1.3 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

Tgt Ion:188 Resp: 284346
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.4 8.1 12.1

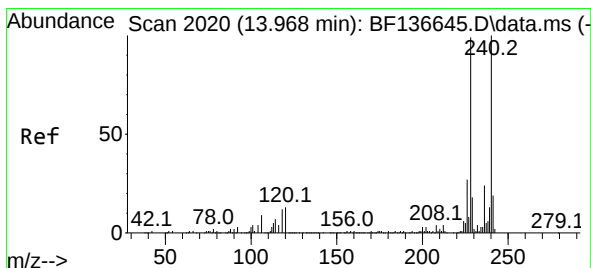
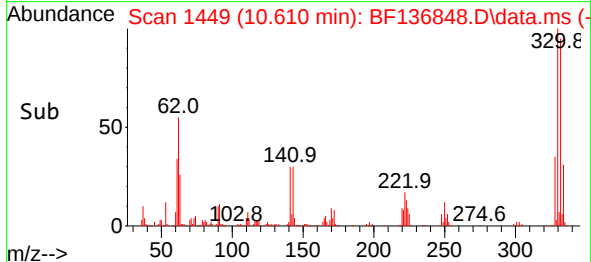
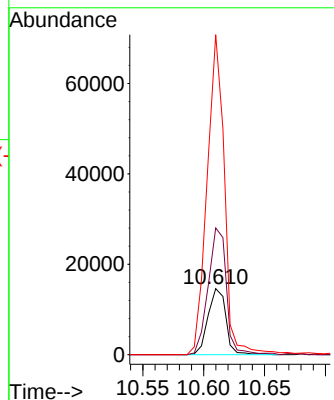
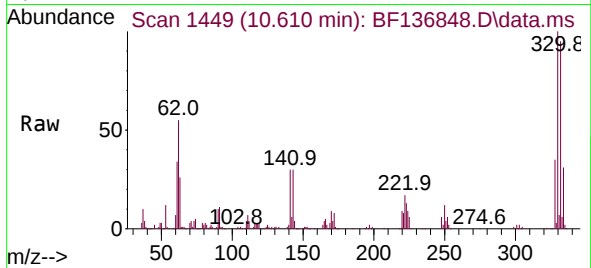




#67
4-Bromophenyl-phenylether
Concen: 4.724 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

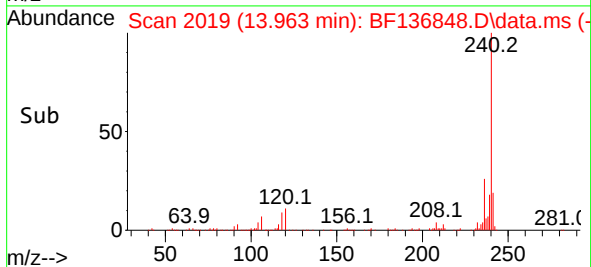
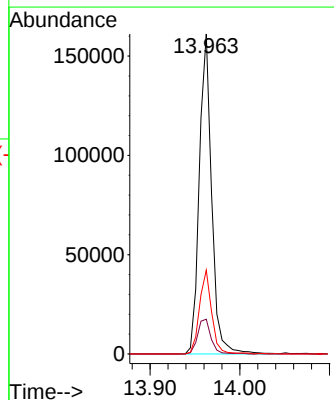
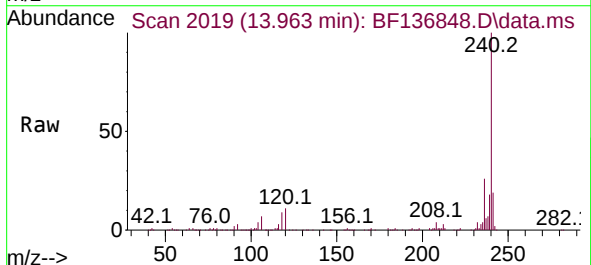
Instrument :
BNA_F
ClientSampleId :
MR-323-0-2

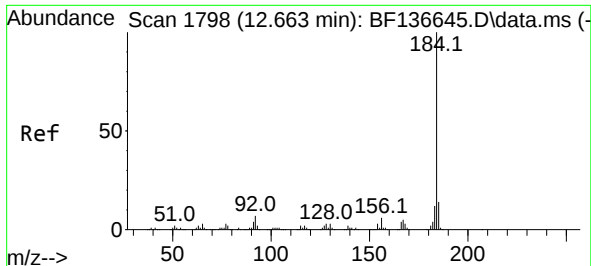
Tgt Ion:248 Resp: 14919
Ion Ratio Lower Upper
248 100
250 191.8 77.8 116.6#
141 484.2 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

Tgt Ion:240 Resp: 154170
Ion Ratio Lower Upper
240 100
120 10.9 10.3 15.5
236 26.2 19.4 29.2

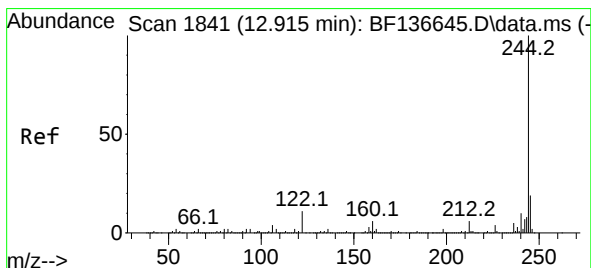
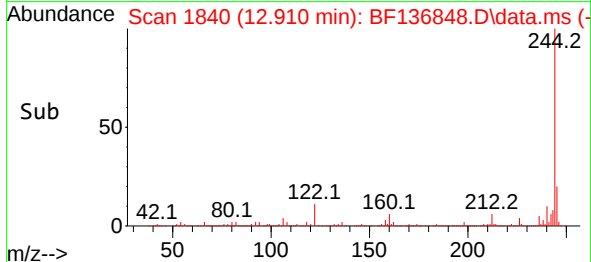
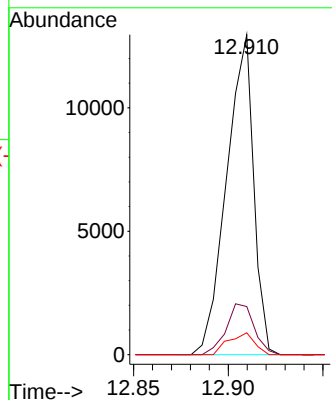
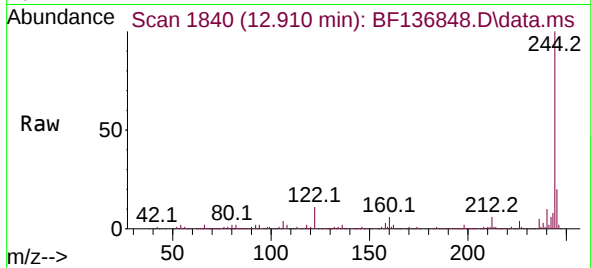




#77
Benzidine
Concen: 2.823 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

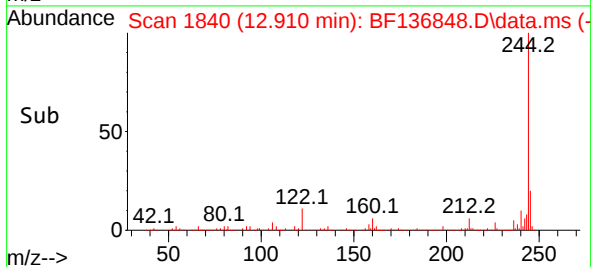
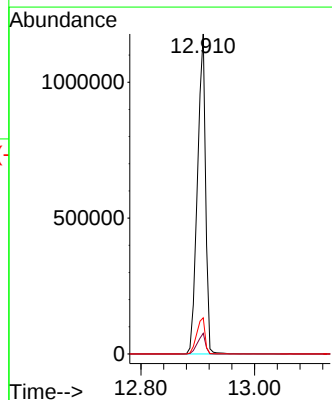
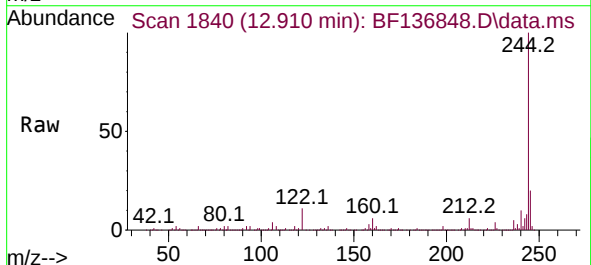
Instrument :
BNA_F
ClientSampleId :
MR-323-0-2

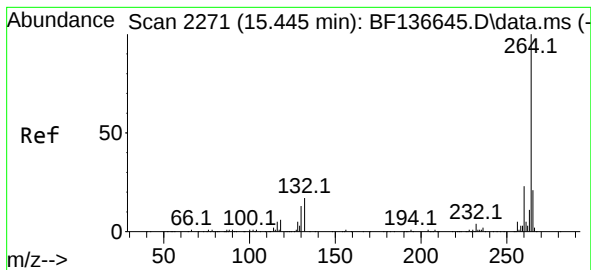
Tgt Ion:184 Resp: 12832
Ion Ratio Lower Upper
184 100
185 15.1 11.2 16.8
183 6.9 9.3 13.9#



#79
Terphenyl-d14
Concen: 106.805 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

Tgt Ion:244 Resp: 1178286
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 11.3 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: BF136848.D

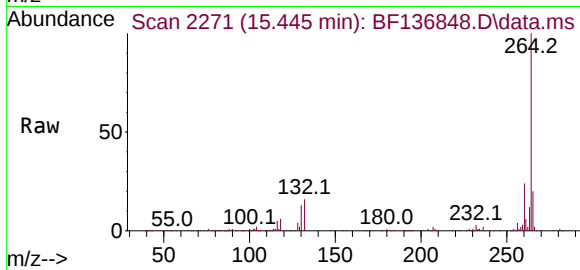
Acq: 30 Dec 2023 01:55

Instrument :

BNA_F

ClientSampleId :

MR-323-0-2



Tgt Ion:264 Resp: 152851

Ion Ratio Lower Upper

264 100

260 24.4 18.3 27.5

265 20.3 17.0 25.6

