

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136902.D
 Acq On : 03 Jan 2024 12:04
 Operator : CG\JU
 Sample : PB158099BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158099BL

Quant Time: Jan 03 12:53:25 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)

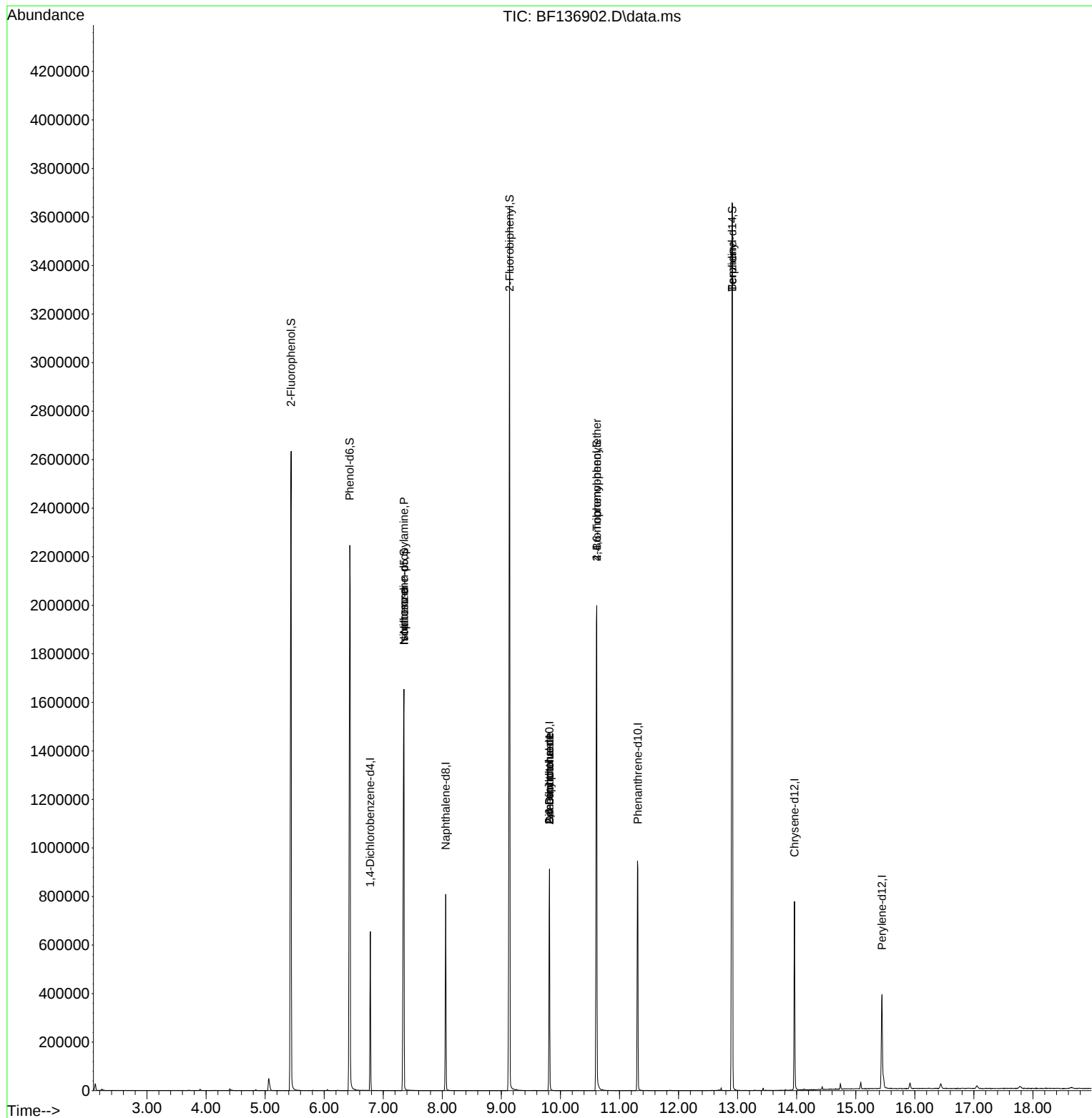
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	89083	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	349519	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	187141	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	383855	20.000	ng	0.00
76) Chrysene-d12	13.963	240	262381	20.000	ng	0.00
86) Perylene-d12	15.445	264	206645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	827066	144.860	ng	0.01
7) Phenol-d6	6.434	99	1053213	142.364	ng	0.00
23) Nitrobenzene-d5	7.351	82	650507	95.237	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	306920	139.256	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1277040	91.781	ng	-0.01
79) Terphenyl-d14	12.910	244	1593363	84.864	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	85420	19.047	ng	# 71
25) Isophorone	7.351	82	647673	52.111	ng	# 65
50) Dimethylphthalate	9.816	163	38596	2.824	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	24102	7.769	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	24102	5.985	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	18174	4.263	ng	# 1
77) Benzidine	12.910	184	17263	2.231	ng	# 92

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

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Quant Time: Jan 03 12:53:25 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

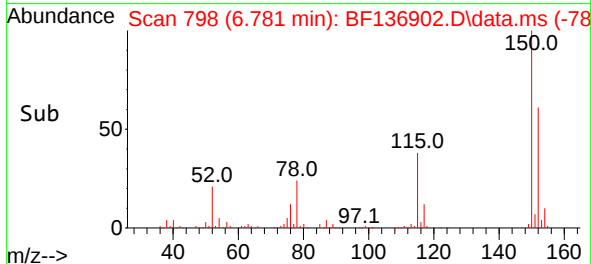
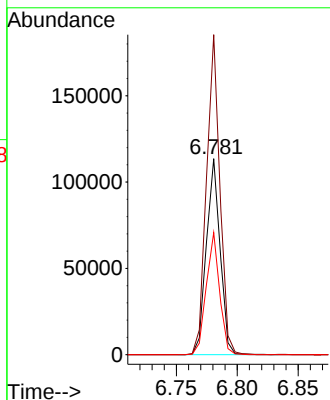
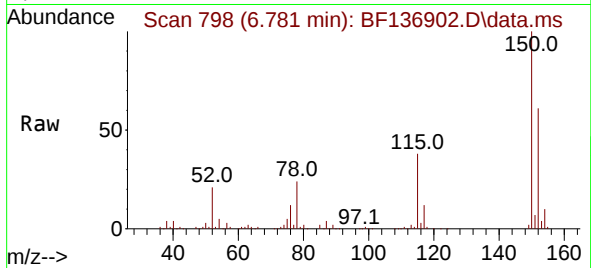




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

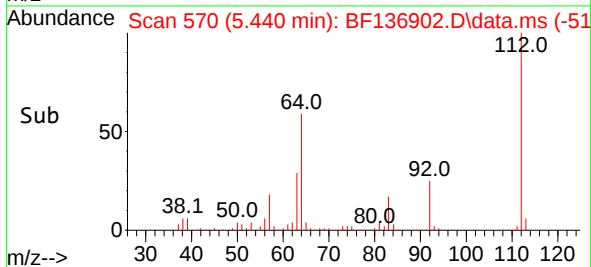
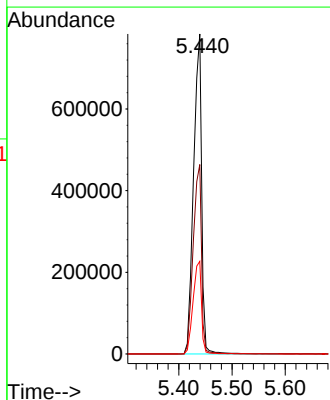
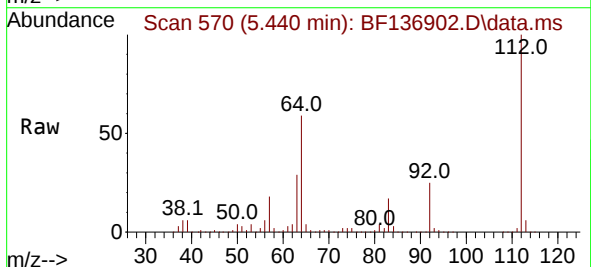
Instrument :
BNA_F
ClientSampleId :
PB158099BL

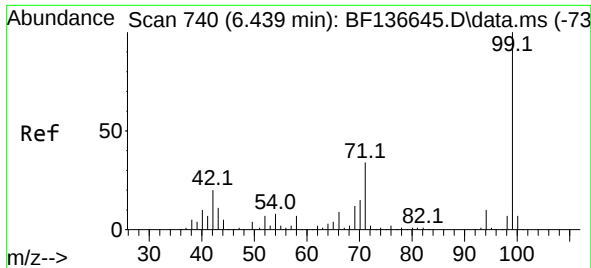
Tgt Ion:152 Resp: 89083
Ion Ratio Lower Upper
152 100
150 163.3 127.0 190.6
115 62.3 49.0 73.4



#5
2-Fluorophenol
Concen: 144.860 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

Tgt Ion:112 Resp: 827066
Ion Ratio Lower Upper
112 100
64 59.2 51.1 76.7
63 28.9 26.1 39.1

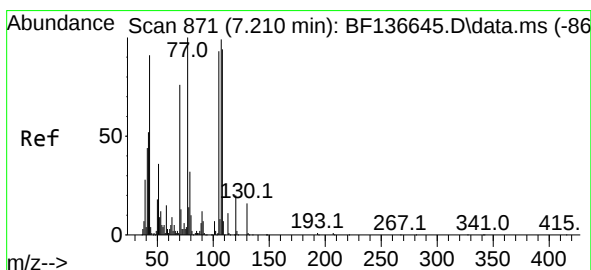
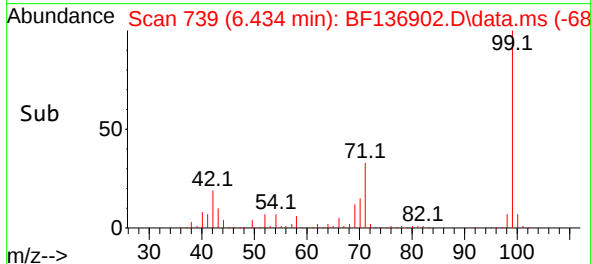
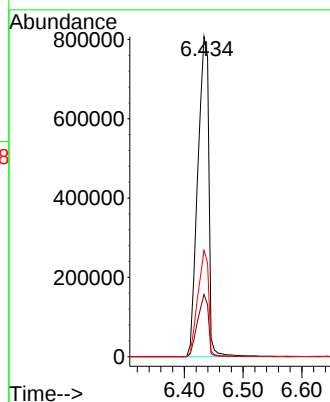
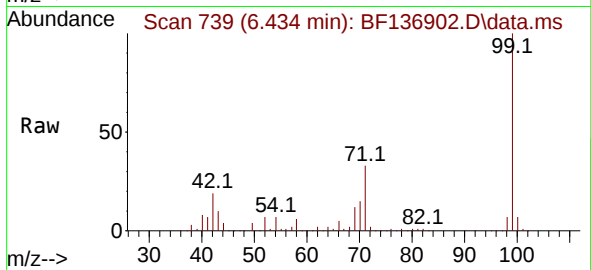




#7
Phenol-d6
Concen: 142.364 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

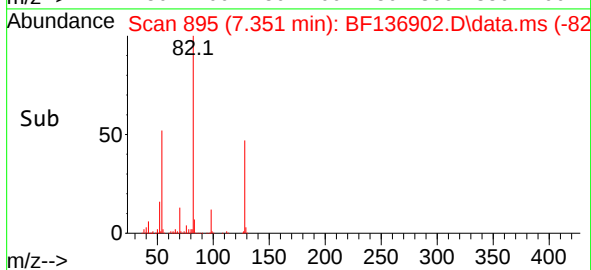
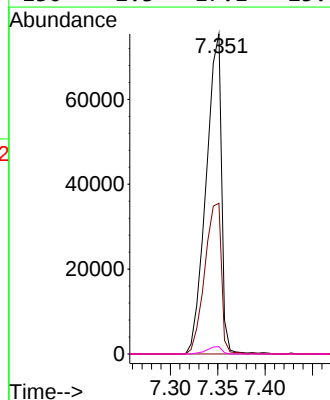
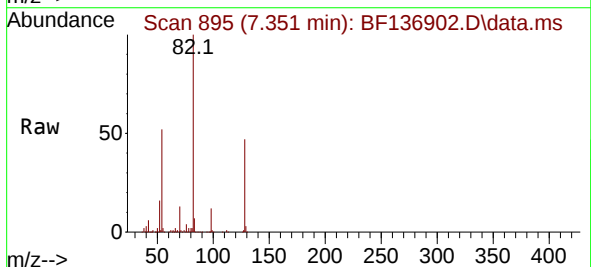
Instrument :
BNA_F
ClientSampleId :
PB158099BL

Tgt Ion: 99 Resp: 1053213
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.2 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.047 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

Tgt Ion: 70 Resp: 85420
Ion Ratio Lower Upper
70 100
42 47.1 54.2 81.4#
101 0.0 7.6 11.4#
130 2.3 17.1 25.7#



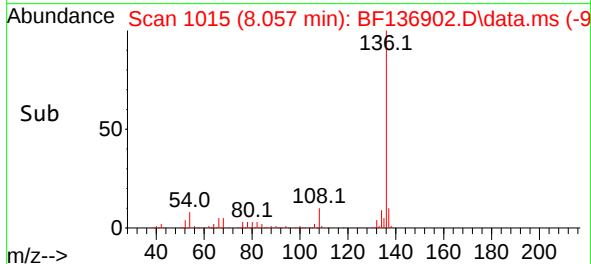
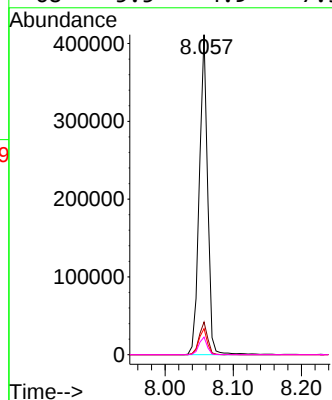
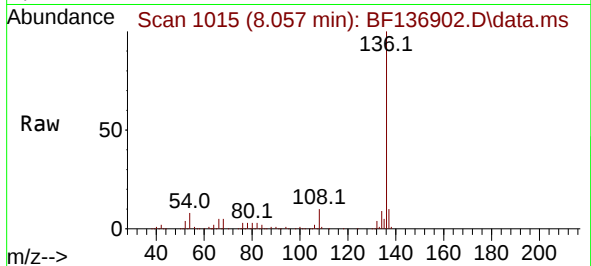


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

Instrument :
BNA_F
ClientSampleId :
PB158099BL

Tgt Ion:136 Resp: 349519

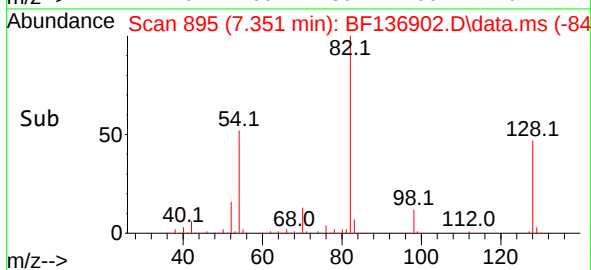
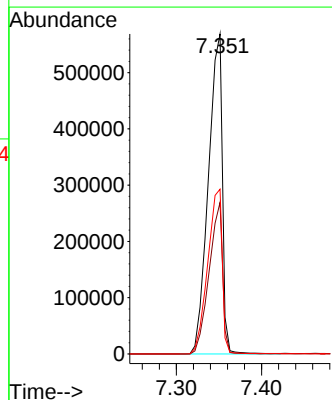
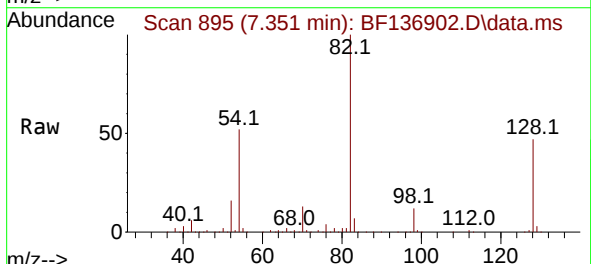
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	8.2	7.2	10.8
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 95.237 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

Tgt Ion: 82 Resp: 650507

Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.3	52.9
54	51.5	44.5	66.7

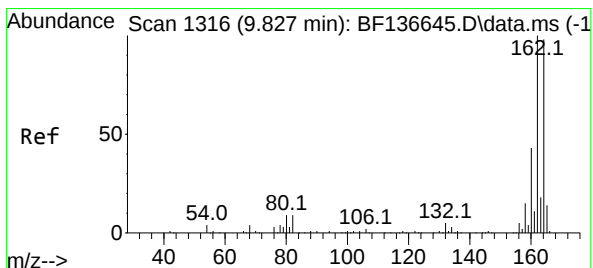
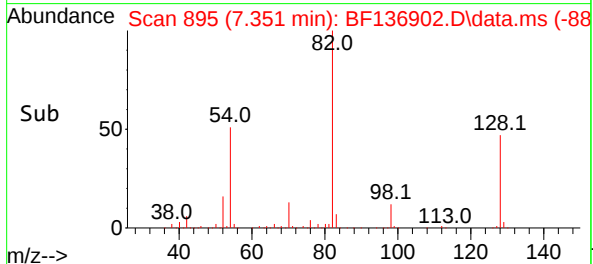
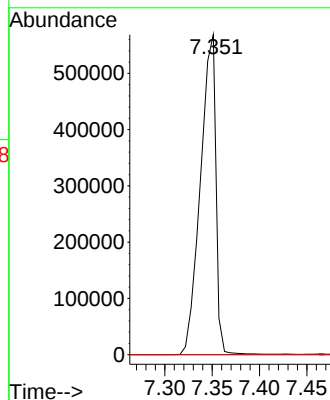
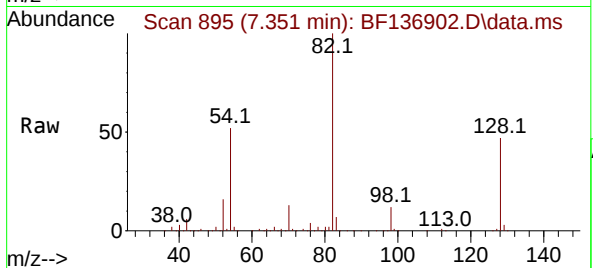




#25
Isophorone
Concen: 52.111 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

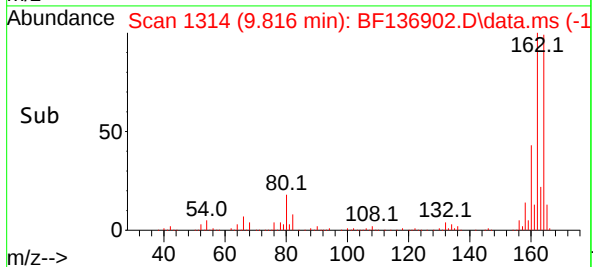
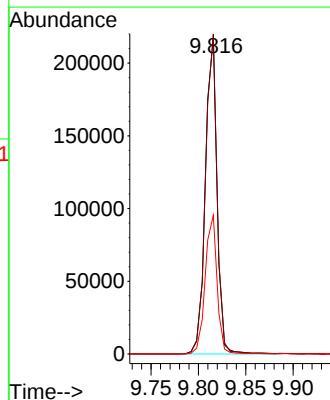
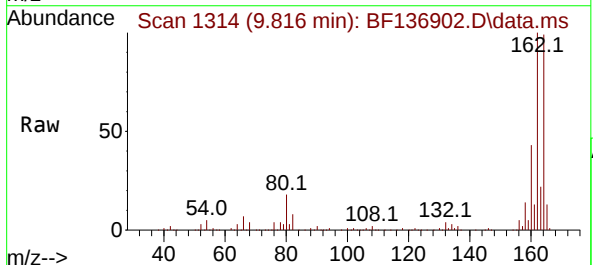
Instrument :
BNA_F
ClientSampleId :
PB158099BL

Tgt Ion: 82 Resp: 647673
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: BF136902.D
Acq: 03 Jan 2024 12:04

Tgt Ion:164 Resp: 187141
Ion Ratio Lower Upper
164 100
162 101.3 81.6 122.4
160 43.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 139.256 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136902.D

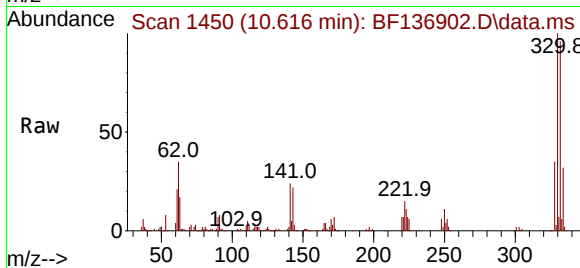
Acq: 03 Jan 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB158099BL



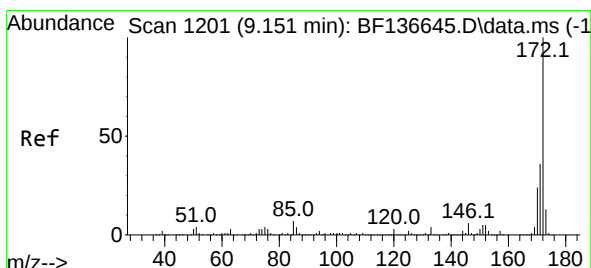
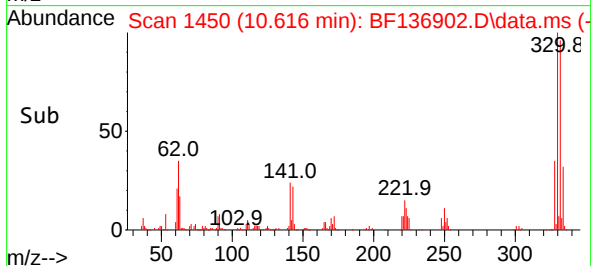
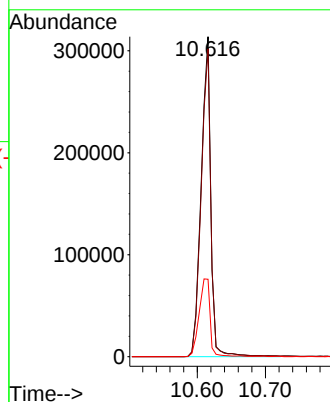
Tgt Ion:330 Resp: 306920

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

141 27.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 91.781 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136902.D

Acq: 03 Jan 2024 12:04

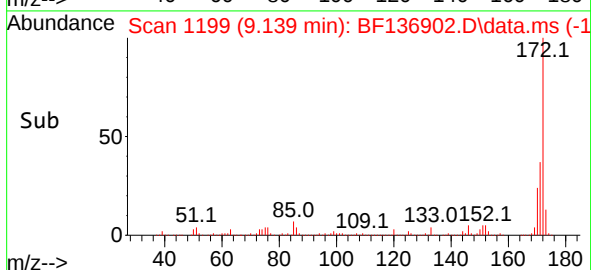
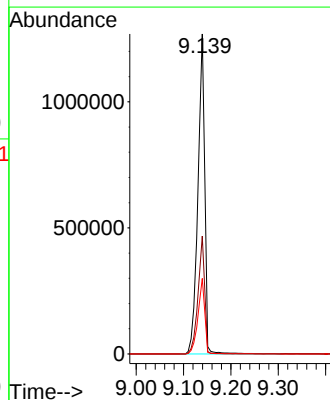
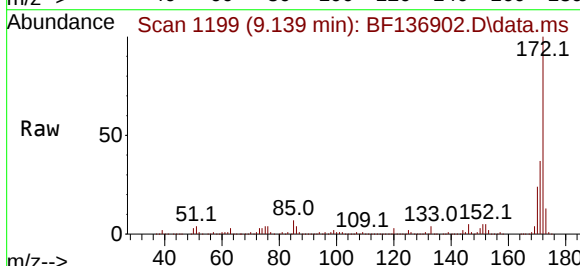
Tgt Ion:172 Resp: 1277040

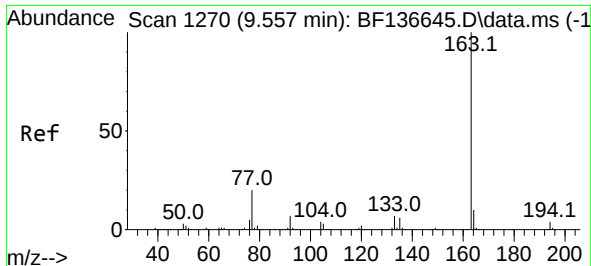
Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.6

170 23.6 19.0 28.4

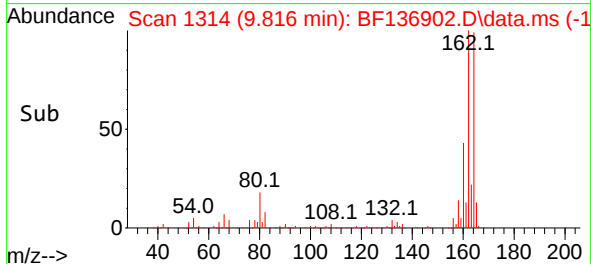
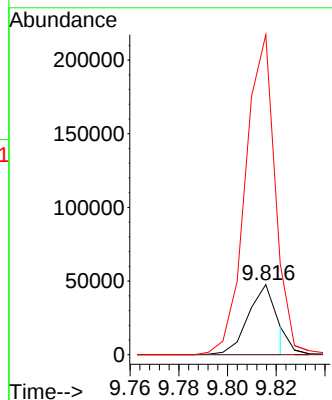
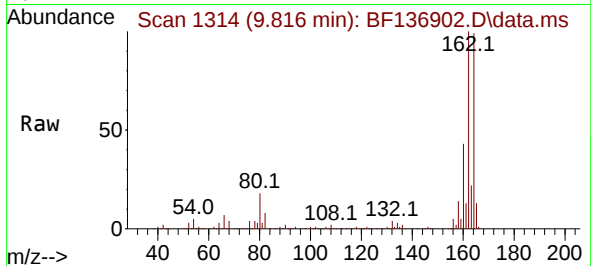




#50
Dimethylphthalate
Concen: 2.824 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

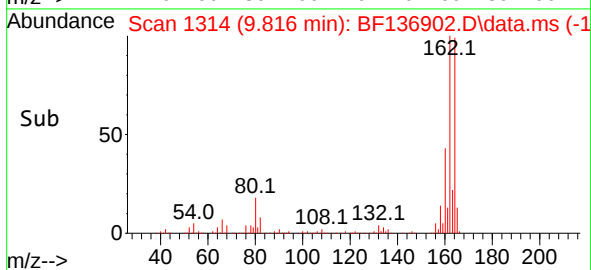
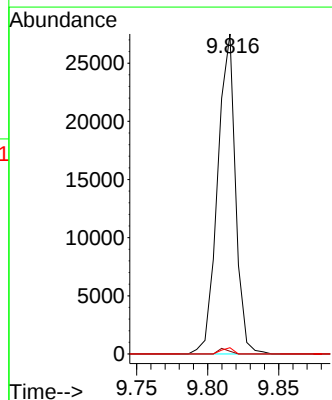
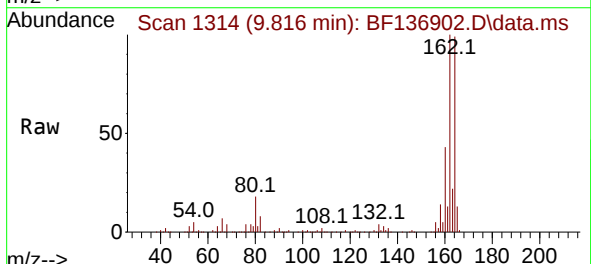
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 38596
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 456.2 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.769 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

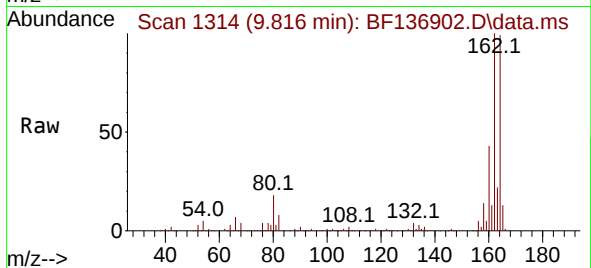
Tgt Ion:165 Resp: 24102
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 2.0 38.8 58.2#



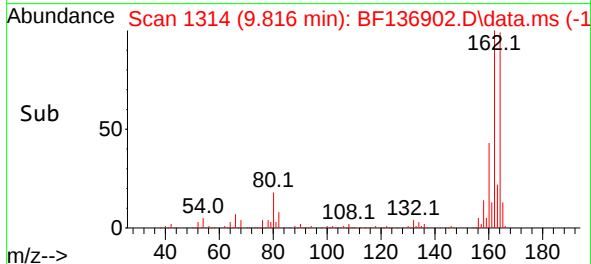
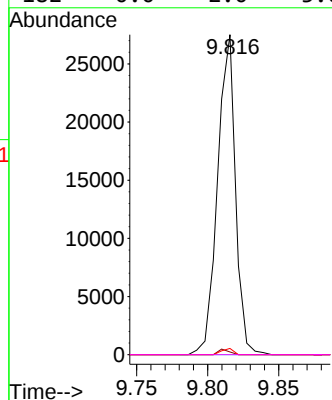


#57
2,4-Dinitrotoluene
Concen: 5.985 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

Instrument :
BNA_F
ClientSampleId :
PB158099BL

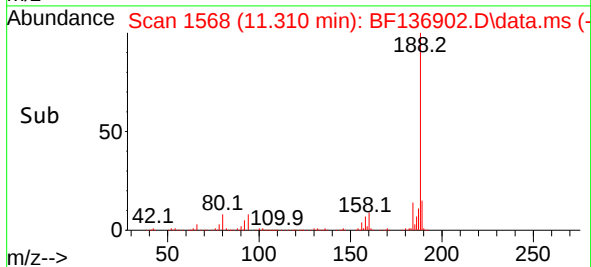
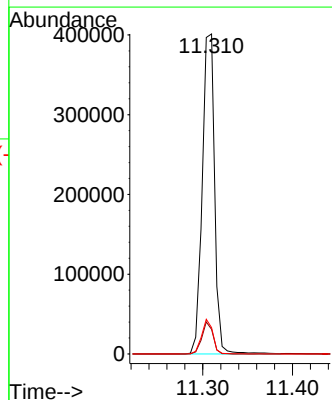
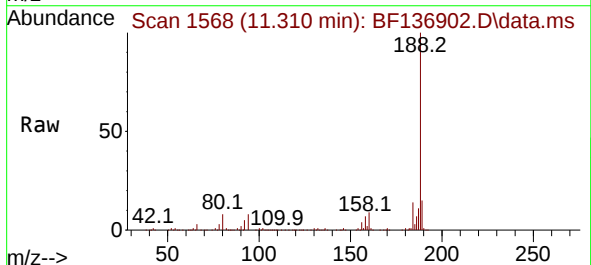


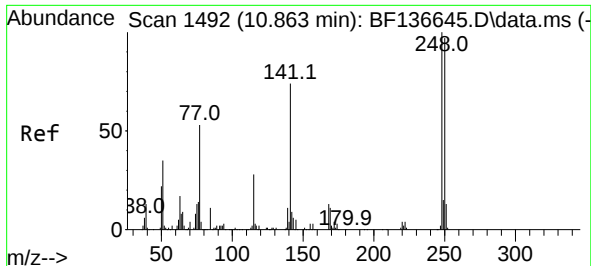
Tgt Ion:165 Resp: 24102
Ion Ratio Lower Upper
165 100
63 0.9 41.0 61.6#
89 2.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

Tgt Ion:188 Resp: 383855
Ion Ratio Lower Upper
188 100
94 7.7 7.5 11.3
80 8.3 8.1 12.1

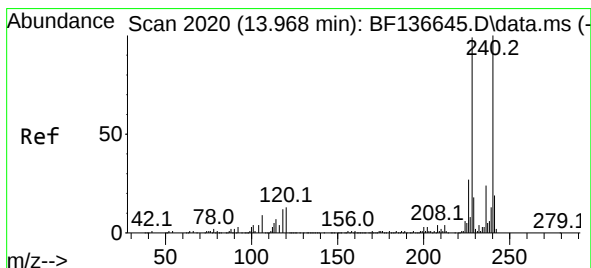
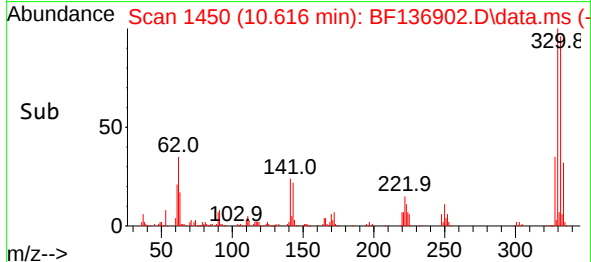
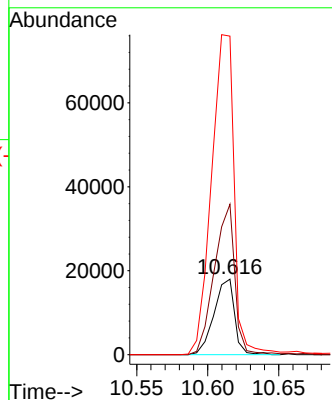
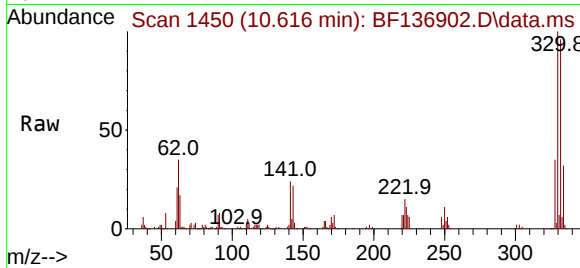




#67
4-Bromophenyl-phenylether
Concen: 4.263 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

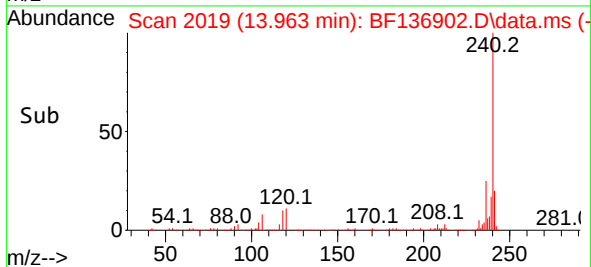
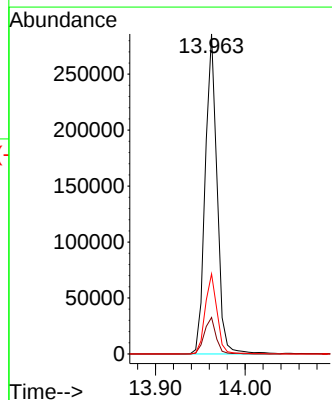
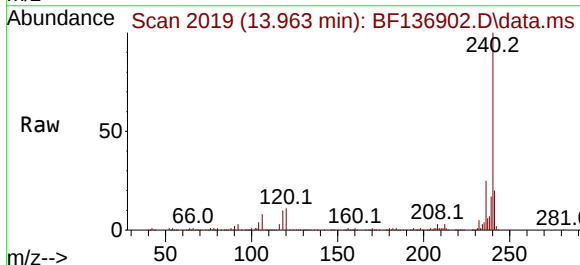
Instrument :
BNA_F
ClientSampleId :
PB158099BL

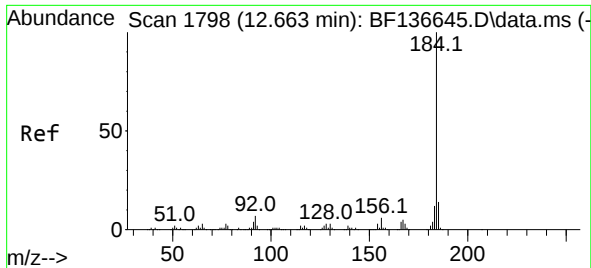
Tgt Ion:248 Resp: 18174
Ion Ratio Lower Upper
248 100
250 199.2 77.8 116.6#
141 421.9 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

Tgt Ion:240 Resp: 262381
Ion Ratio Lower Upper
240 100
120 11.4 10.3 15.5
236 25.0 19.4 29.2

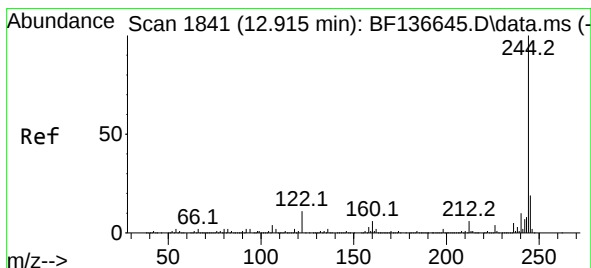
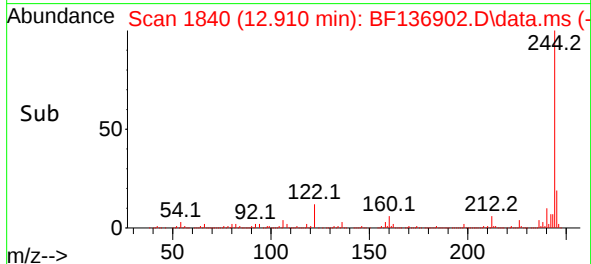
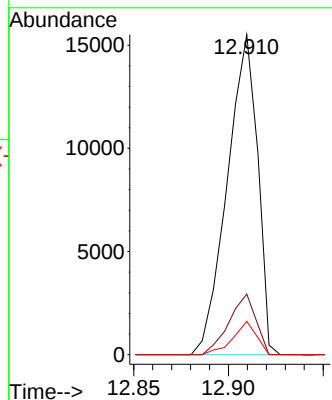
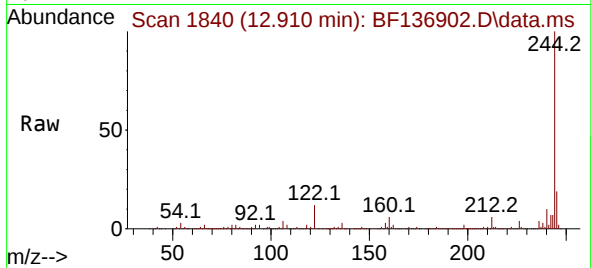




#77
Benzidine
Concen: 2.231 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

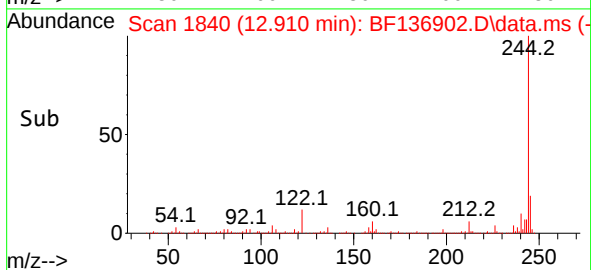
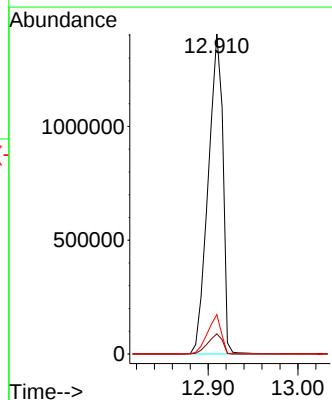
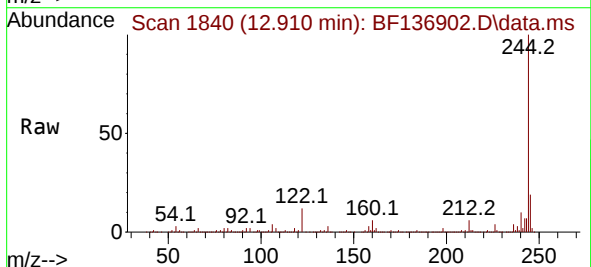
Instrument :
BNA_F
ClientSampleId :
PB158099BL

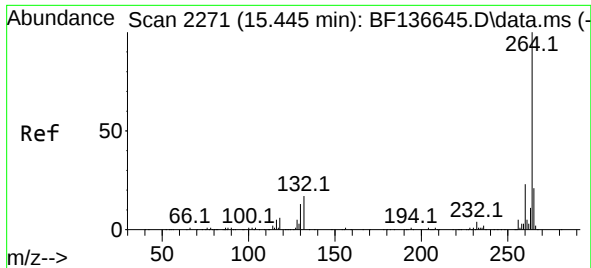
Tgt Ion:184 Resp: 17263
Ion Ratio Lower Upper
184 100
185 19.0 11.2 16.8#
183 10.4 9.3 13.9



#79
Terphenyl-d14
Concen: 84.864 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF136902.D
Acq: 03 Jan 2024 12:04

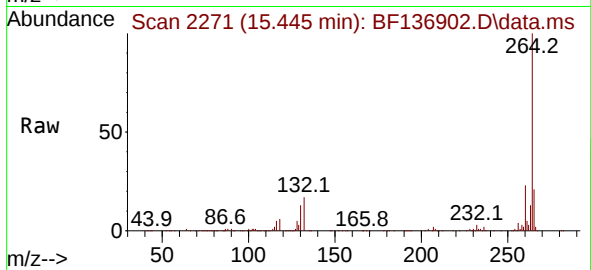
Tgt Ion:244 Resp: 1593363
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 12.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136902.D
 Acq: 03 Jan 2024 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB158099BL



Tgt Ion:264 Resp: 206645

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	21.5	17.0	25.6

