

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF136990.D
 Acq On : 08 Jan 2024 11:10
 Operator : CG\JU
 Sample : PB158264BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158264BL

Quant Time: Jan 08 11:37:45 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)

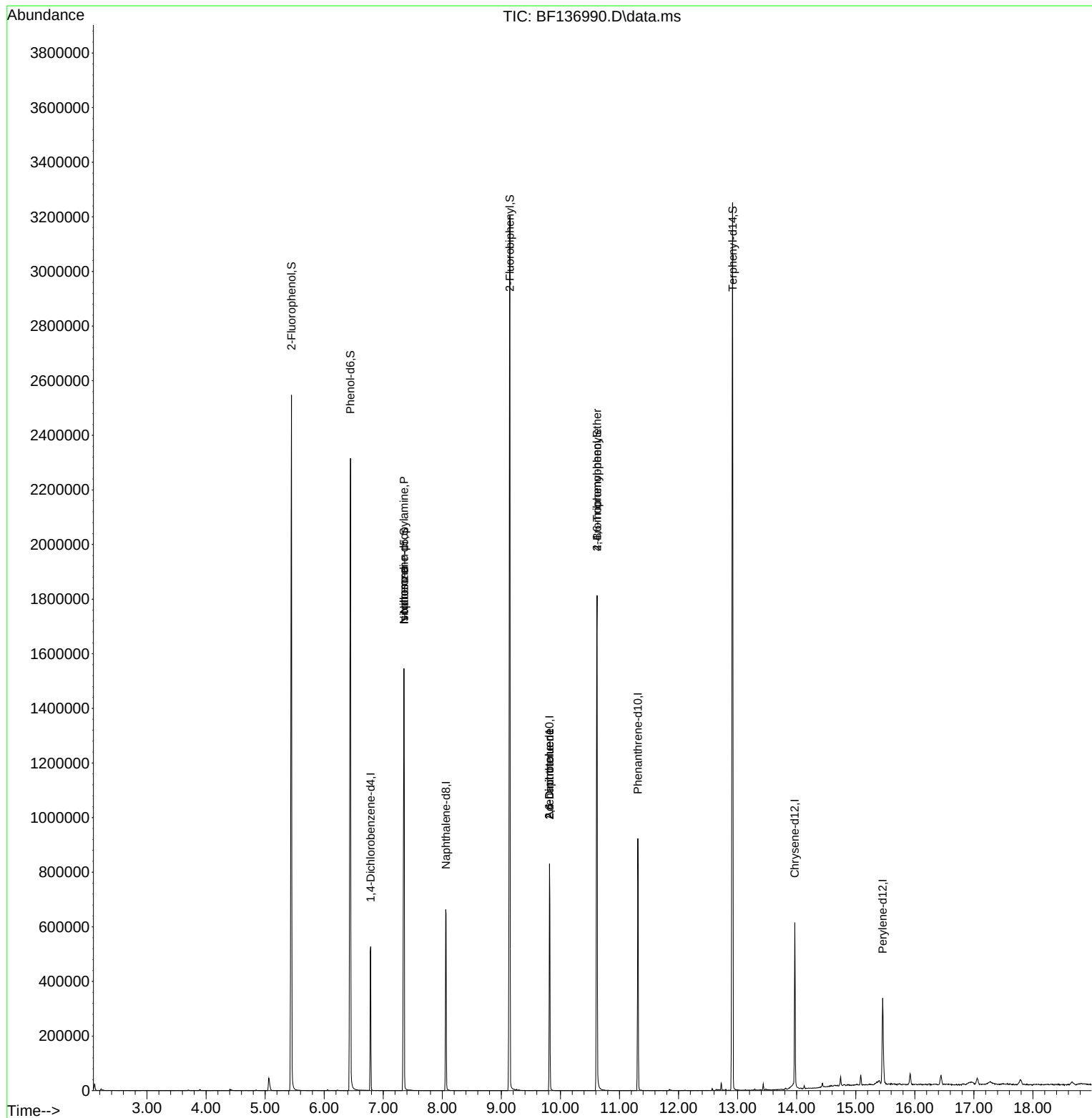
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	84218	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	326429	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	171634	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	341483	20.000	ng	0.00
76) Chrysene-d12	13.968	240	197904	20.000	ng	0.00
86) Perylene-d12	15.457	264	157052	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	754788	139.838	ng	0.02
7) Phenol-d6	6.445	99	940647	134.494	ng	0.00
23) Nitrobenzene-d5	7.351	82	600784	94.179	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	272401	134.760	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1192706	93.465	ng	0.00
79) Terphenyl-d14	12.916	244	1347083	95.122	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	78502	18.516	ng	# 74
25) Isophorone	7.351	82	596552	51.393	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	21689	7.623	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	21689	5.872	ng	# 21
67) 4-Bromophenyl-phenylether	10.622	248	16588	4.374	ng	# 1

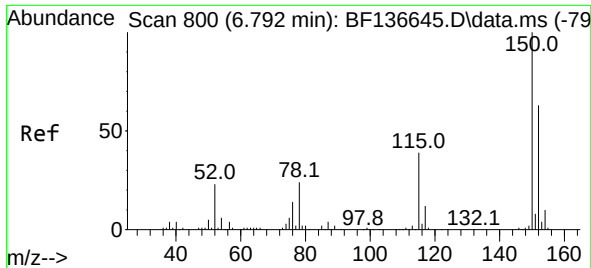
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF136990.D
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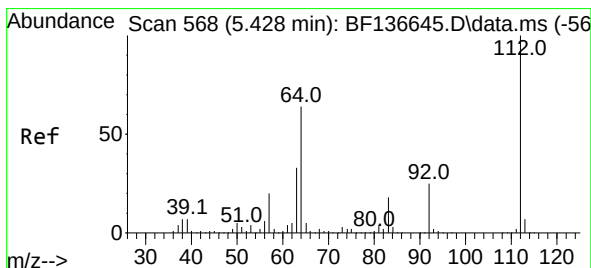
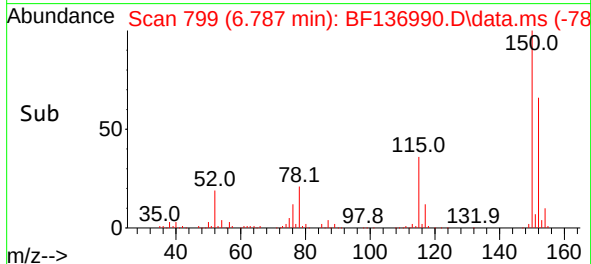
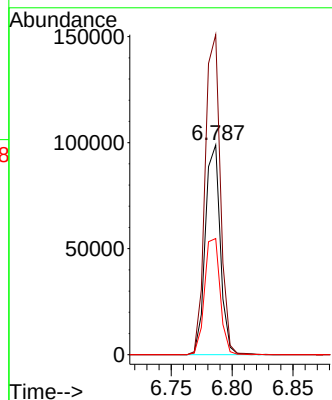
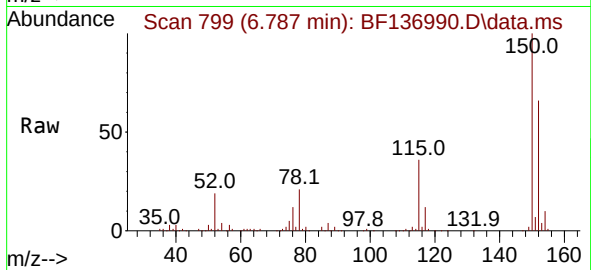




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 719
Delta R.T. -0.005 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

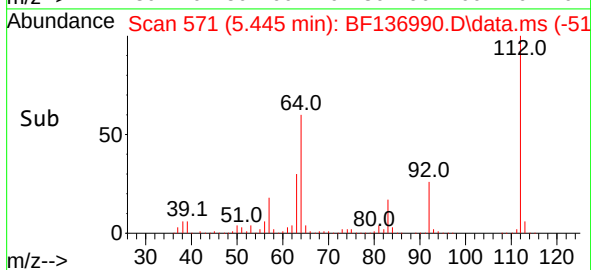
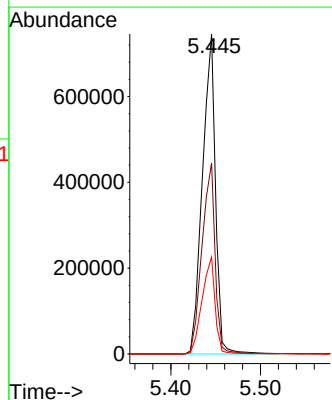
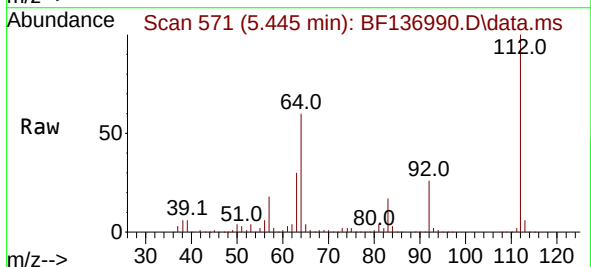
Instrument :
BNA_F
ClientSampleId :
PB158264BL

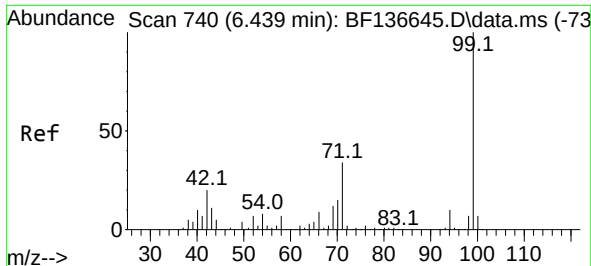
Tgt Ion:152 Resp: 84218
Ion Ratio Lower Upper
152 100
150 152.6 127.0 190.6
115 55.4 49.0 73.4



#5
2-Fluorophenol
Concen: 139.838 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

Tgt Ion:112 Resp: 754788
Ion Ratio Lower Upper
112 100
64 59.7 51.1 76.7
63 30.3 26.1 39.1

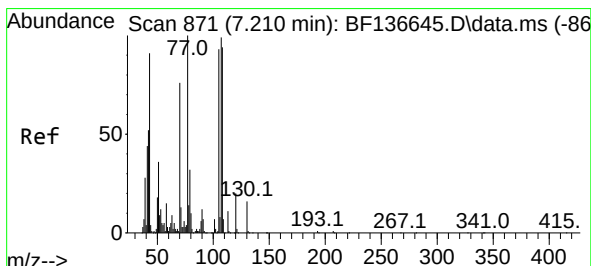
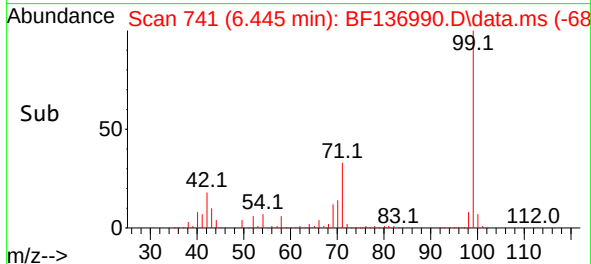
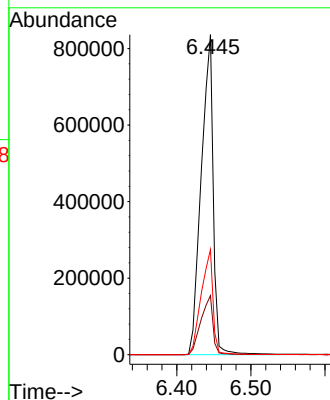
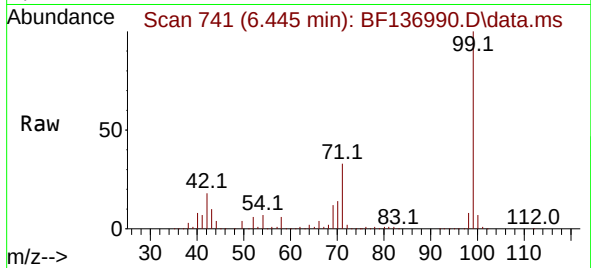




#7
Phenol-d6
Concen: 134.494 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

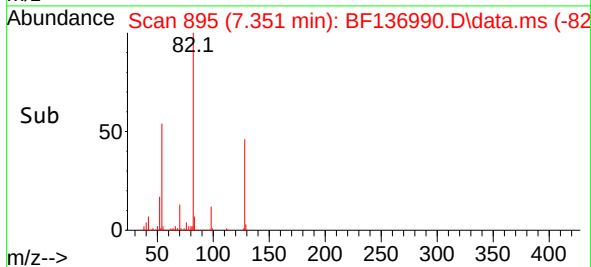
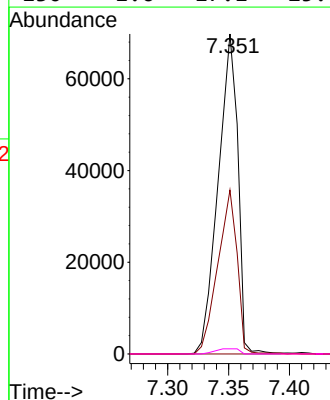
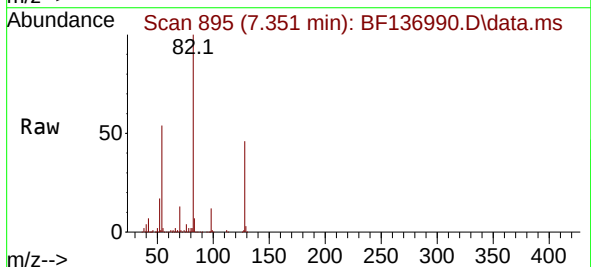
Instrument :
BNA_F
ClientSampleId :
PB158264BL

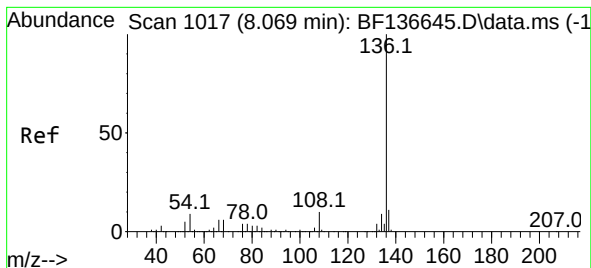
Tgt Ion: 99 Resp: 940647
Ion Ratio Lower Upper
99 100
42 18.4 16.1 24.1
71 32.9 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.516 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

Tgt Ion: 70 Resp: 78502
Ion Ratio Lower Upper
70 100
42 51.2 54.2 81.4#
101 0.0 7.6 11.4#
130 1.6 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF136990.D

Acq: 08 Jan 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB158264BL

Tgt Ion:136 Resp: 326429

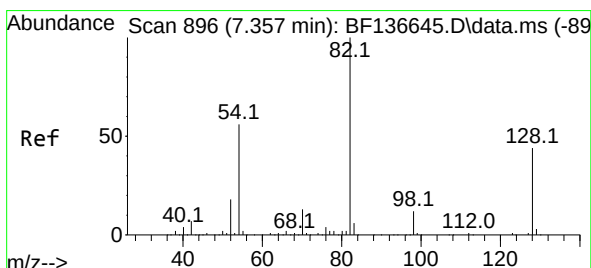
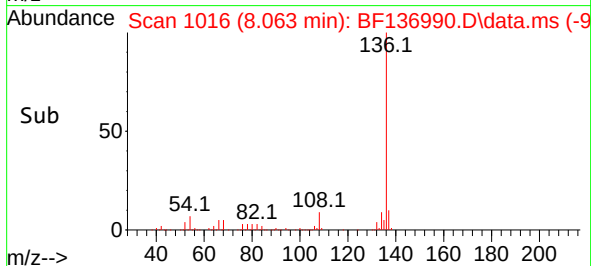
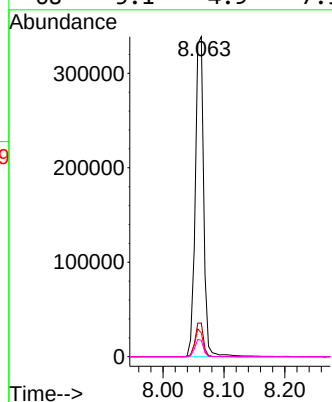
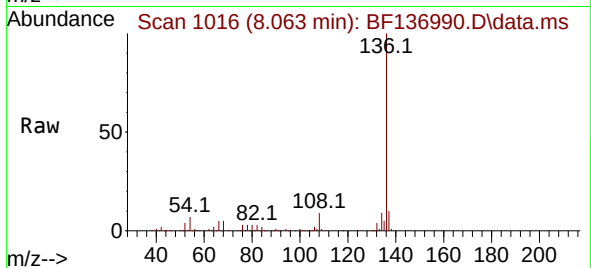
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 7.4 7.2 10.8

68 5.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 94.179 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136990.D

Acq: 08 Jan 2024 11:10

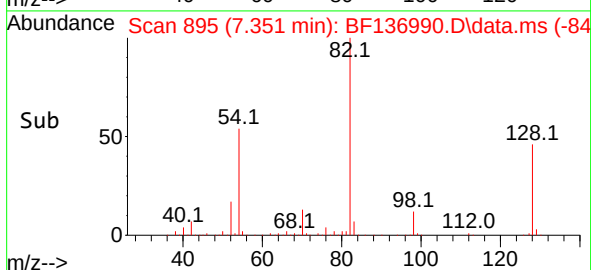
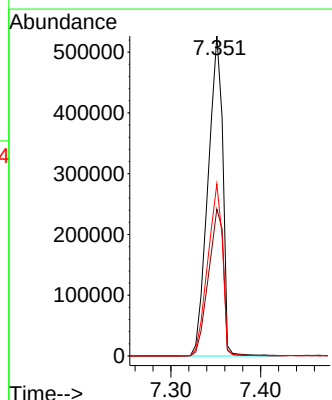
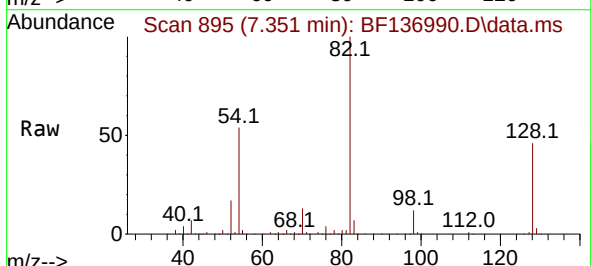
Tgt Ion: 82 Resp: 600784

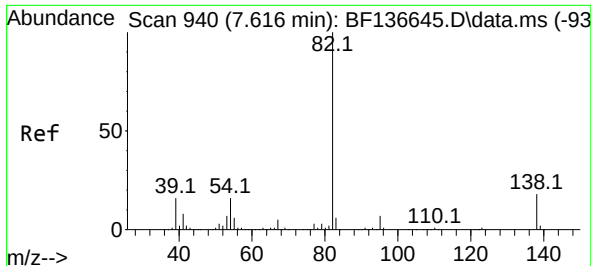
Ion Ratio Lower Upper

82 100

128 45.9 35.3 52.9

54 53.8 44.5 66.7

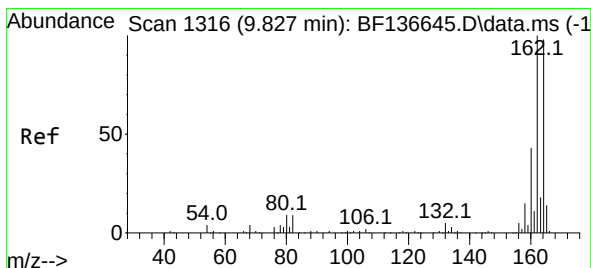
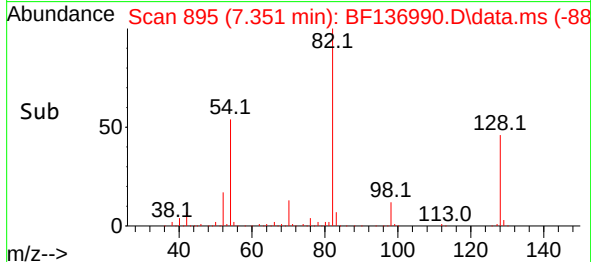
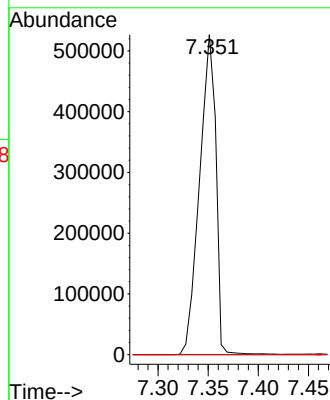
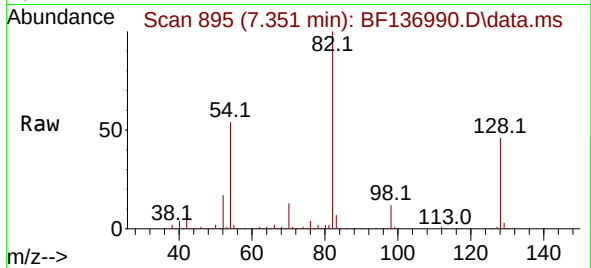




#25
Isophorone
Concen: 51.393 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

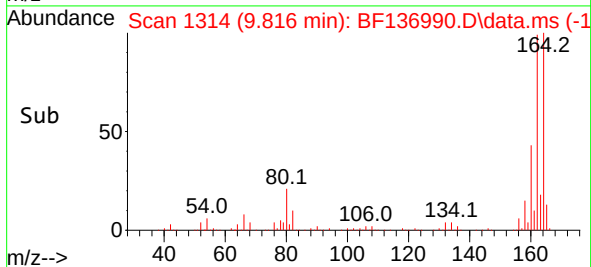
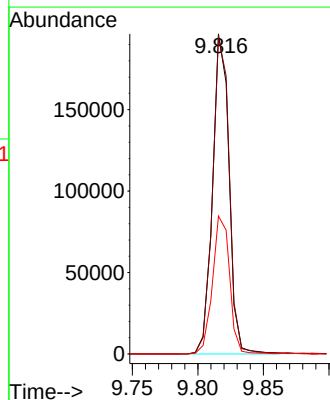
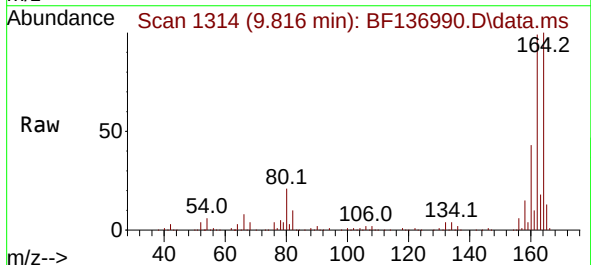
Instrument :
BNA_F
ClientSampleId :
PB158264BL

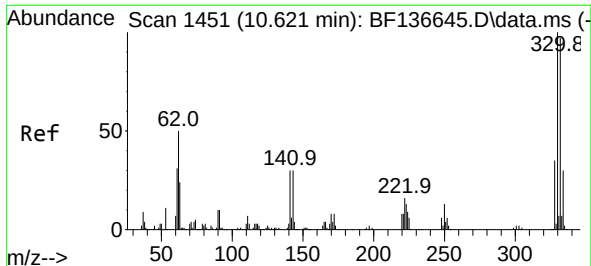
Tgt Ion: 82 Resp: 596552
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

Tgt Ion:164 Resp: 171634
Ion Ratio Lower Upper
164 100
162 99.1 81.6 122.4
160 43.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 134.760 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136990.D

Acq: 08 Jan 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB158264BL

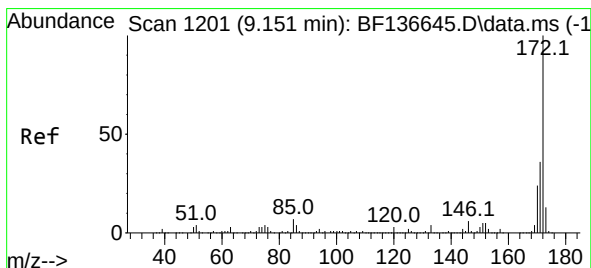
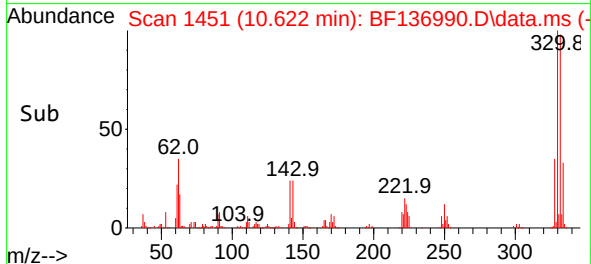
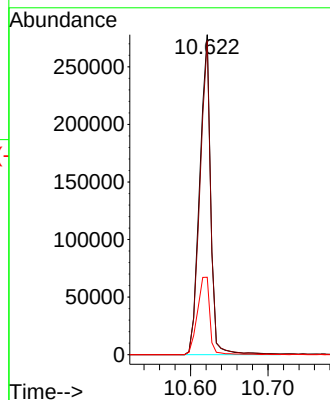
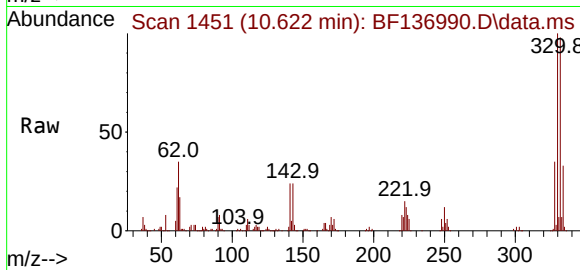
Tgt Ion:330 Resp: 272401

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.0

141 27.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 93.465 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136990.D

Acq: 08 Jan 2024 11:10

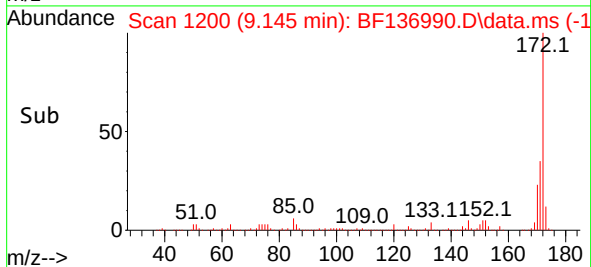
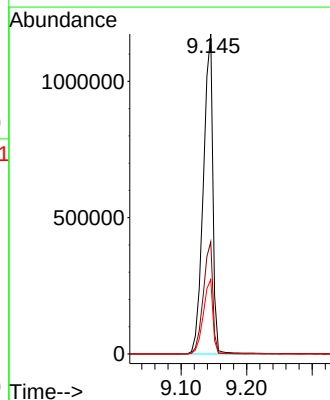
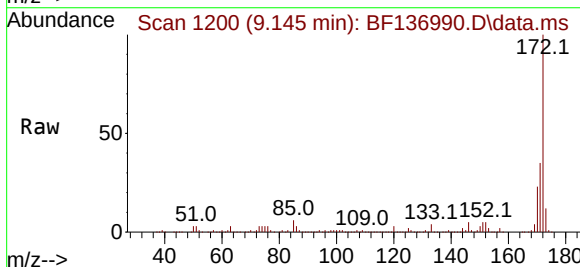
Tgt Ion:172 Resp: 1192706

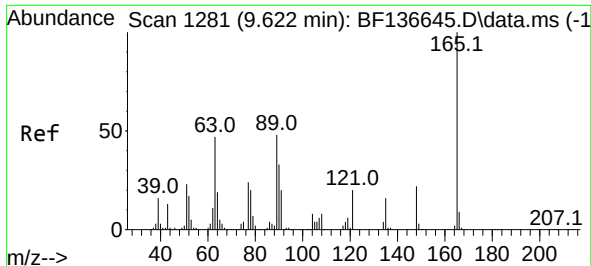
Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.6

170 23.3 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 7.623 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.194 min

Lab File: BF136990.D

Acq: 08 Jan 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB158264BL

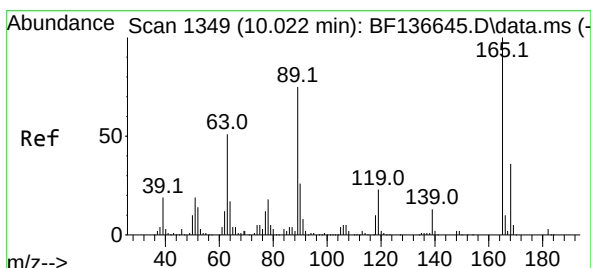
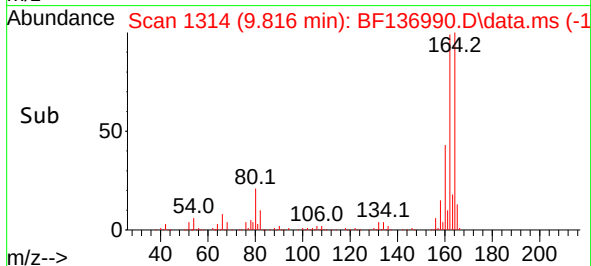
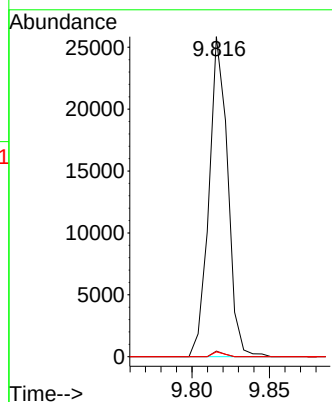
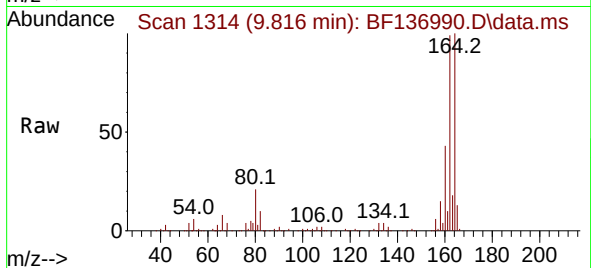
Tgt Ion:165 Resp: 21689

Ion Ratio Lower Upper

165 100

63 1.8 39.8 59.6#

89 1.5 38.8 58.2#



#57

2,4-Dinitrotoluene

Concen: 5.872 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.206 min

Lab File: BF136990.D

Acq: 08 Jan 2024 11:10

Tgt Ion:165 Resp: 21689

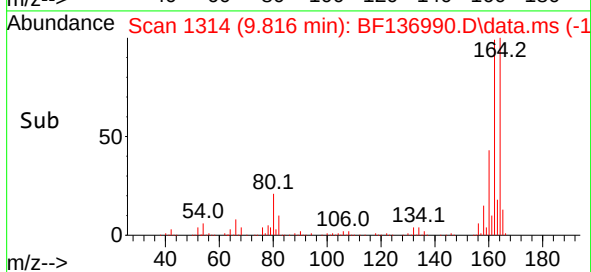
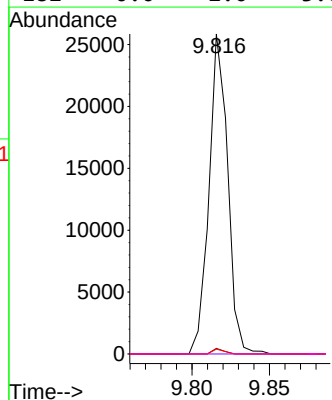
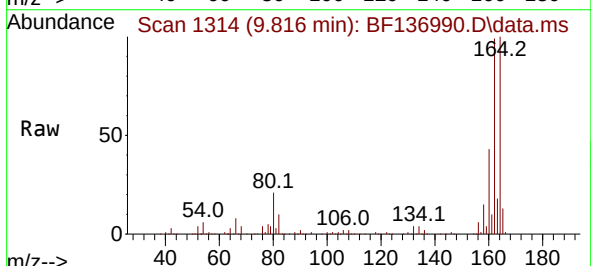
Ion Ratio Lower Upper

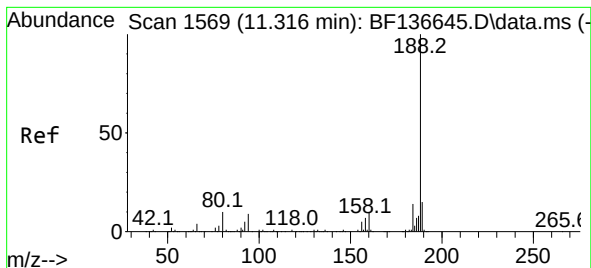
165 100

63 1.8 41.0 61.6#

89 1.5 59.9 89.9#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136990.D

Acq: 08 Jan 2024 11:10

Instrument :

BNA_F

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PB158264BL

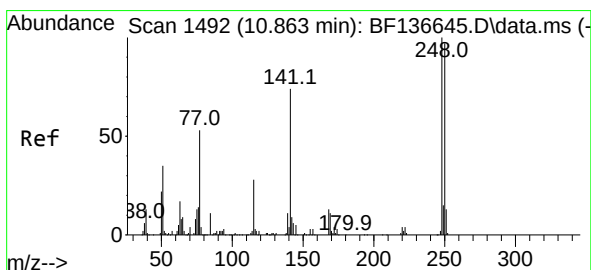
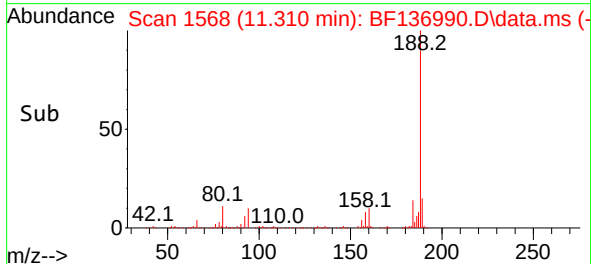
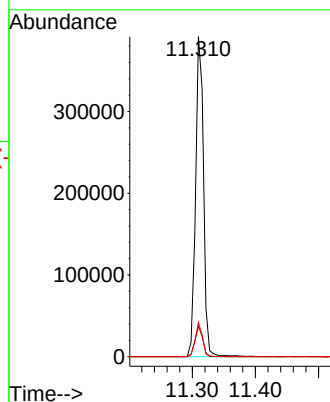
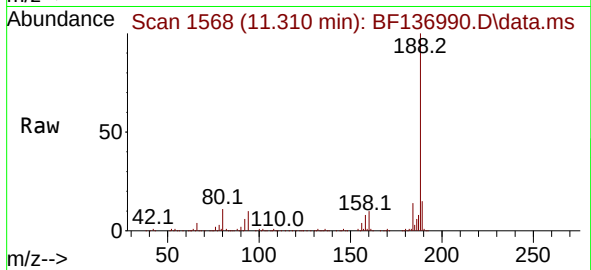
Tgt Ion:188 Resp: 341483

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 10.7 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 4.374 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.241 min

Lab File: BF136990.D

Acq: 08 Jan 2024 11:10

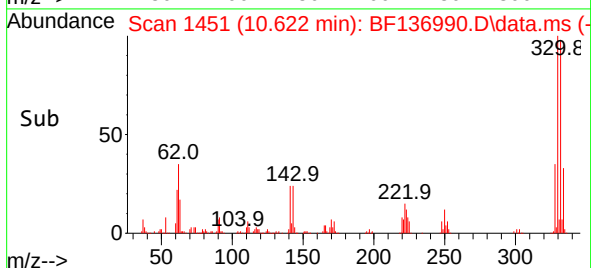
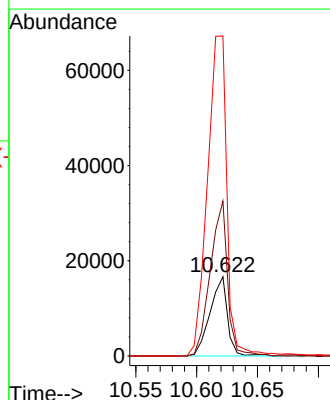
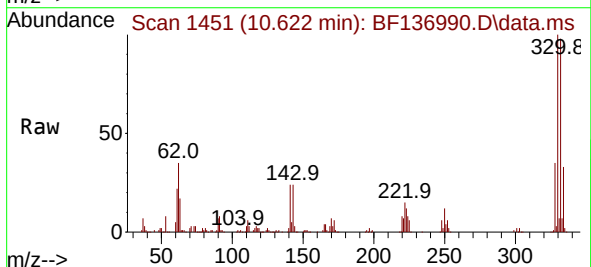
Tgt Ion:248 Resp: 16588

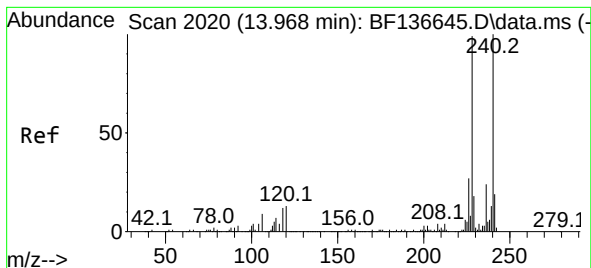
Ion Ratio Lower Upper

248 100

250 195.4 77.8 116.6#

141 403.8 59.2 88.8#

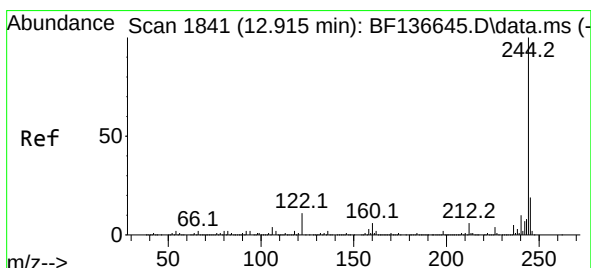
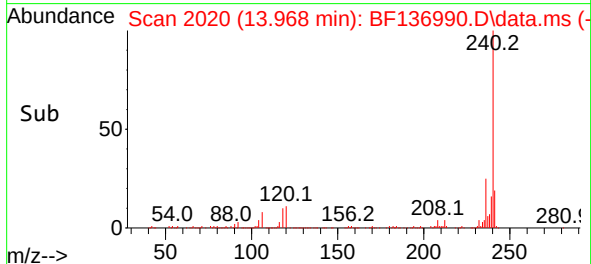
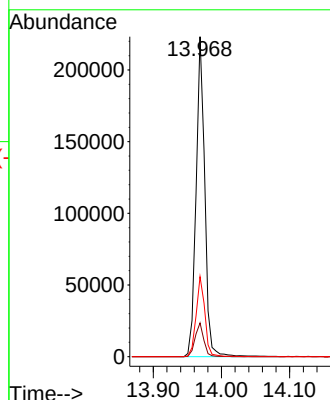
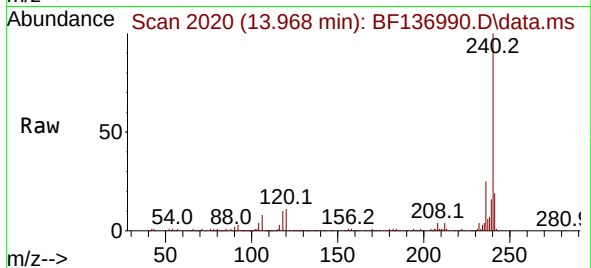




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

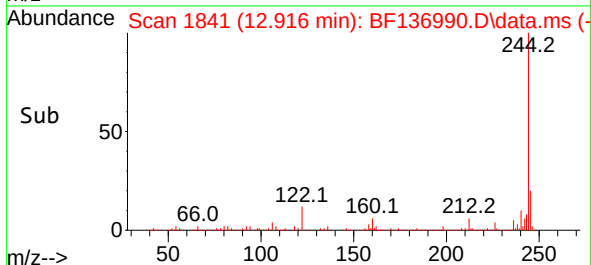
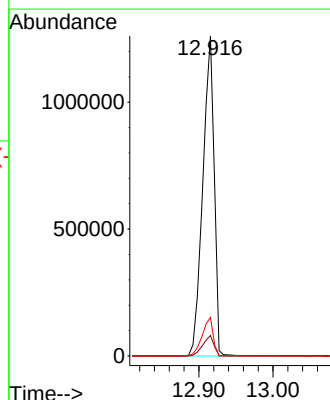
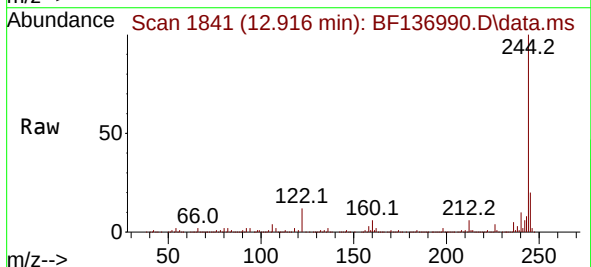
Instrument :
BNA_F
ClientSampleId :
PB158264BL

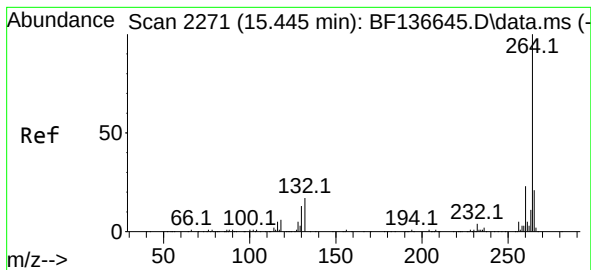
Tgt Ion:240 Resp: 197904
Ion Ratio Lower Upper
240 100
120 10.5 10.3 15.5
236 25.0 19.4 29.2



#79
Terphenyl-d14
Concen: 95.122 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

Tgt Ion:244 Resp: 1347083
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 12.0 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

Instrument :
BNA_F
ClientSampleId :
PB158264BL

Tgt Ion:264 Resp: 157052

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	19.9	17.0	25.6

