

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136932.D
 Acq On : 04 Jan 2024 04:12
 Operator : CG\JU
 Sample : 05980-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-315-0-2

Quant Time: Jan 04 04:45:59 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

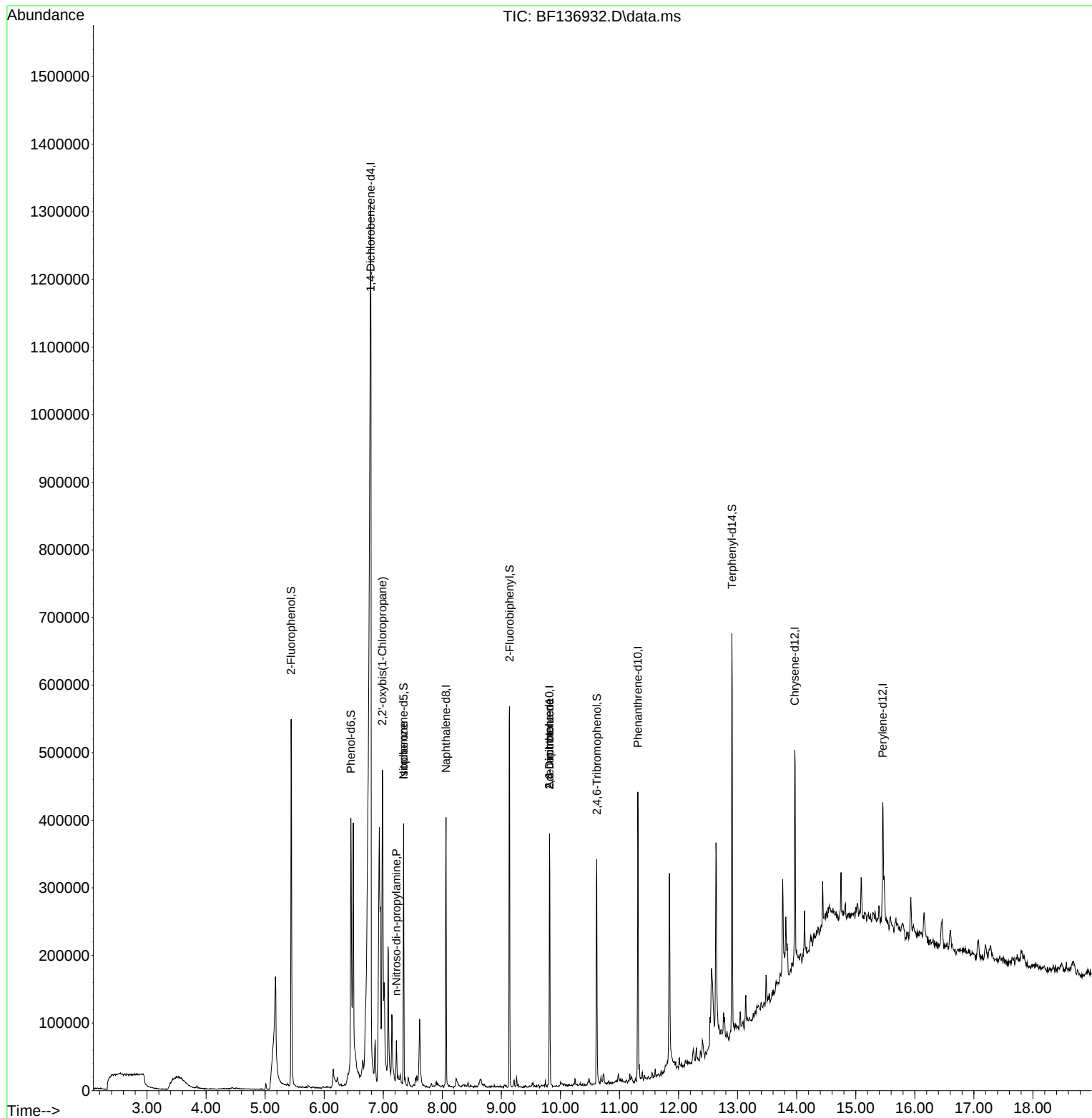
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	46196	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	163191	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	72753	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	153218	20.000	ng	0.00
76) Chrysene-d12	13.968	240	113011	20.000	ng	0.00
86) Perylene-d12	15.457	264	85611	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	157188	53.091	ng	0.01
7) Phenol-d6	6.451	99	173875	45.322	ng	0.01
23) Nitrobenzene-d5	7.345	82	98167	30.782	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	42144	49.186	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	177059	32.733	ng	-0.01
79) Terphenyl-d14	12.904	244	205677	25.434	ng	-0.01
Target Compounds						
16) 2,2'-oxybis(1-Chloropr...	6.987	45	10734	2.108	ng	85
19) n-Nitroso-di-n-propyla...	7.222	70	11653	5.011	ng	# 57
25) Isophorone	7.345	82	98166	16.917	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	9447	7.833	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	9447	6.034	ng	# 21

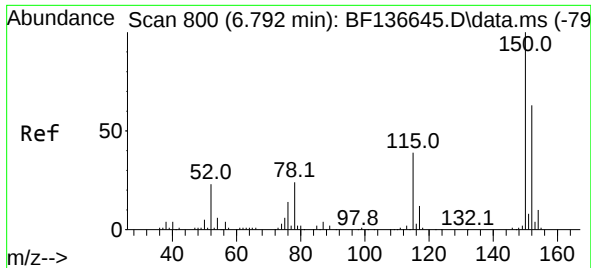
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

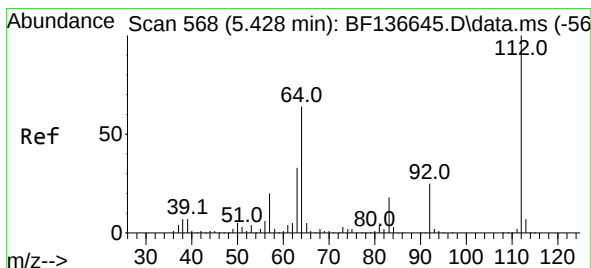
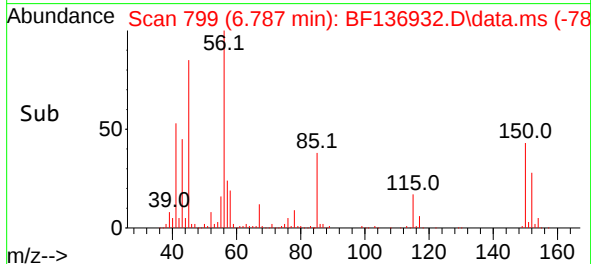
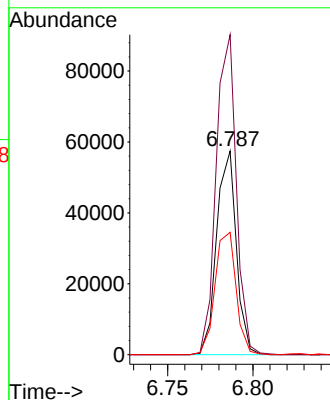
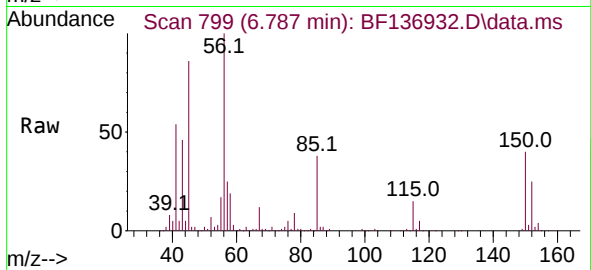




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

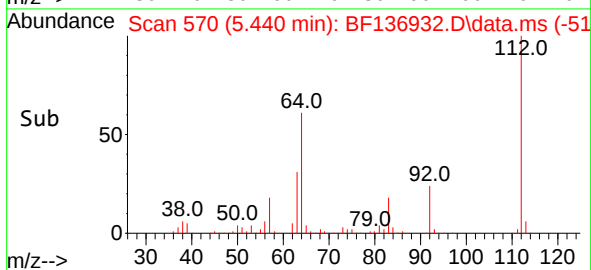
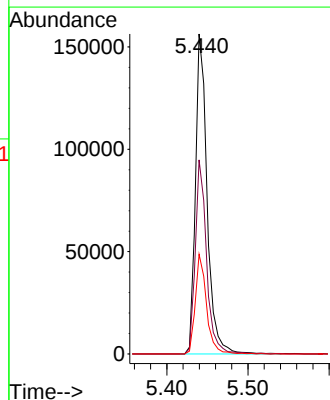
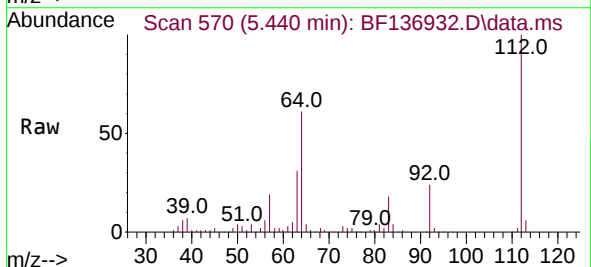
Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

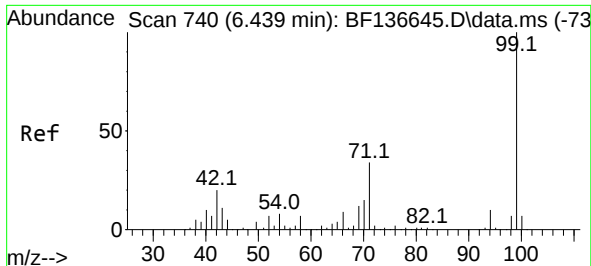
Tgt Ion:152 Resp: 46196
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.6
115 60.1 49.0 73.4



#5
2-Fluorophenol
Concen: 53.091 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

Tgt Ion:112 Resp: 157188
Ion Ratio Lower Upper
112 100
64 60.6 51.1 76.7
63 31.2 26.1 39.1

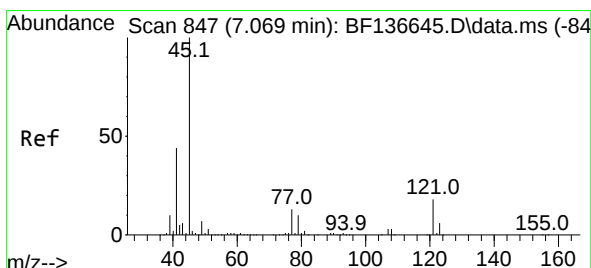
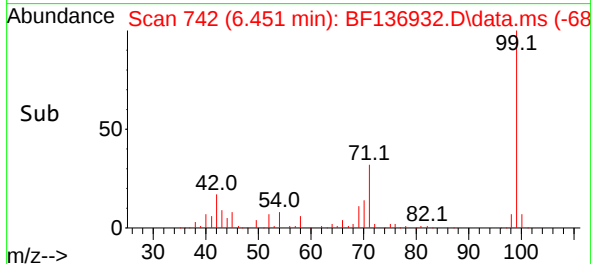
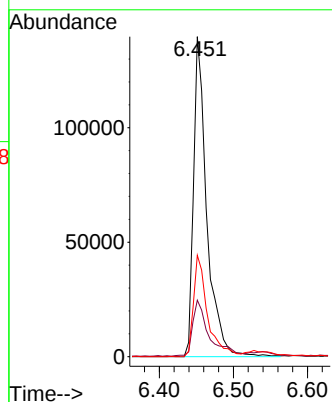
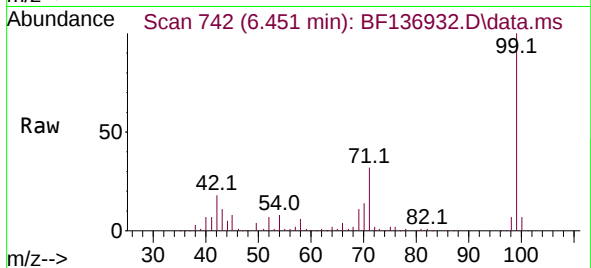




#7
Phenol-d6
Concen: 45.322 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

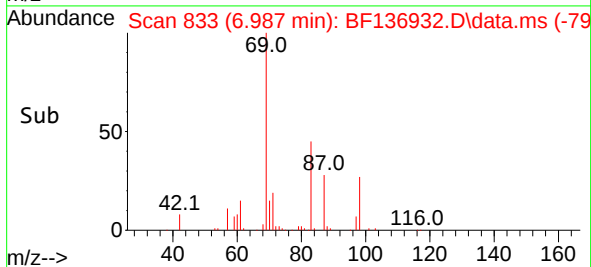
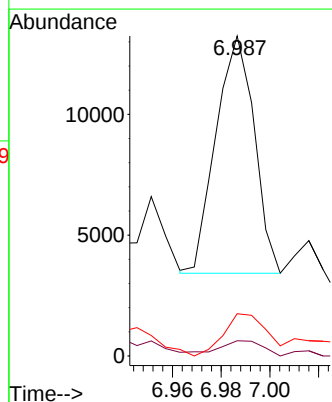
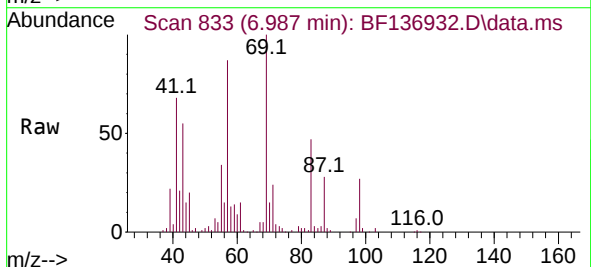
Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

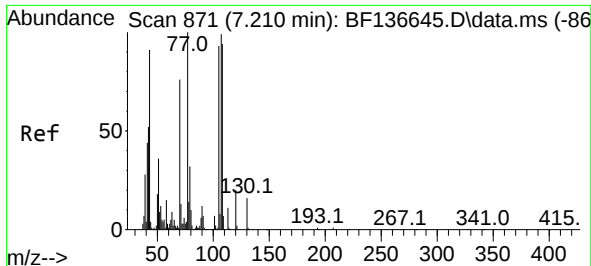
Tgt Ion: 99 Resp: 173875
Ion Ratio Lower Upper
99 100
42 17.6 16.1 24.1
71 31.7 27.4 41.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.108 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.082 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

Tgt Ion: 45 Resp: 10734
Ion Ratio Lower Upper
45 100
77 4.7 0.0 34.3
79 13.2 0.0 31.4



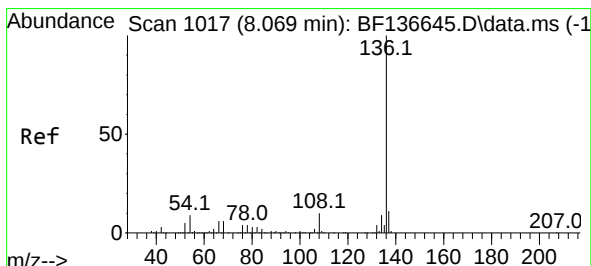
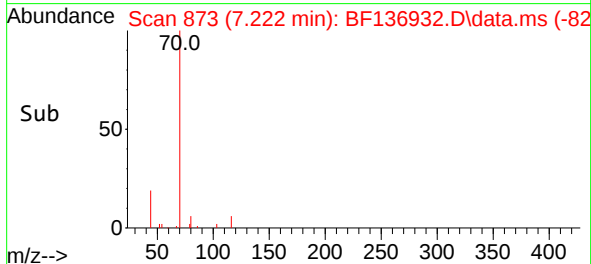
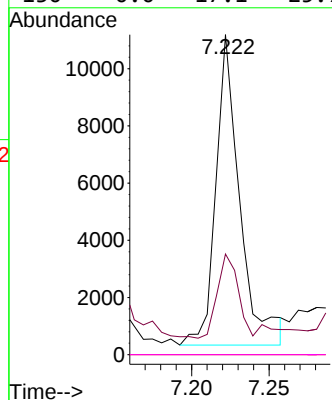
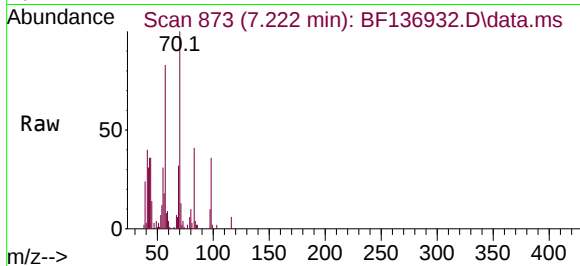


#19
n-Nitroso-di-n-propylamine
Concen: 5.011 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

Tgt Ion: 70 Resp: 11653

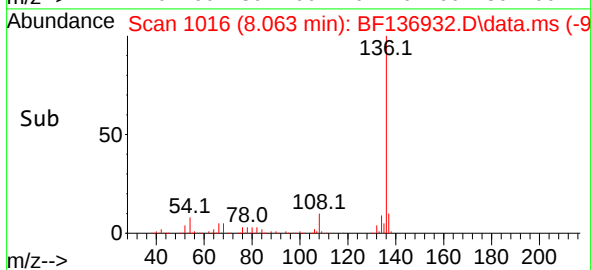
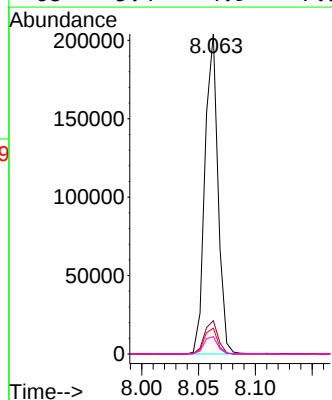
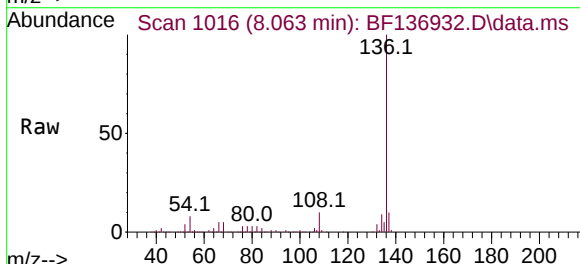
Ion	Ratio	Lower	Upper
70	100		
42	31.4	54.2	81.4#
101	0.0	7.6	11.4#
130	0.0	17.1	25.7#

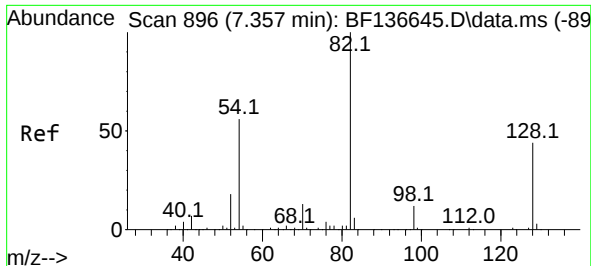


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

Tgt Ion: 136 Resp: 163191

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	8.0	7.2	10.8
68	5.4	4.9	7.3





#23

Nitrobenzene-d5

Concen: 30.782 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136932.D

Acq: 04 Jan 2024 04:12

Instrument :

BNA_F

ClientSampleId :

MR-315-0-2

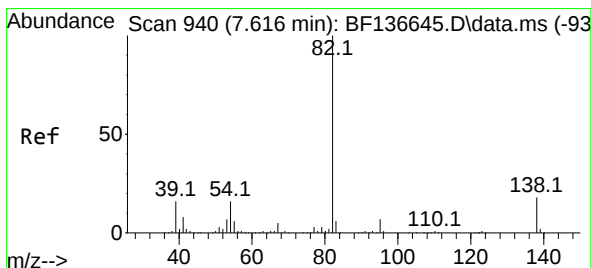
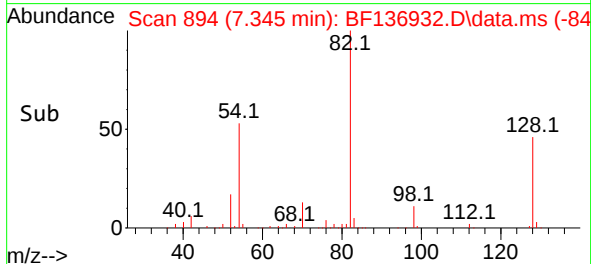
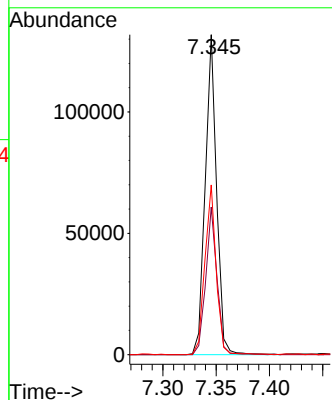
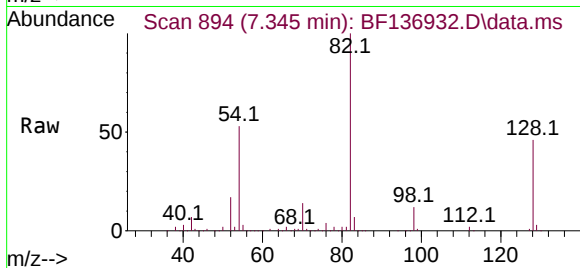
Tgt Ion: 82 Resp: 98167

Ion Ratio Lower Upper

82 100

128 46.2 35.3 52.9

54 53.1 44.5 66.7



#25

Isophorone

Concen: 16.917 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.270 min

Lab File: BF136932.D

Acq: 04 Jan 2024 04:12

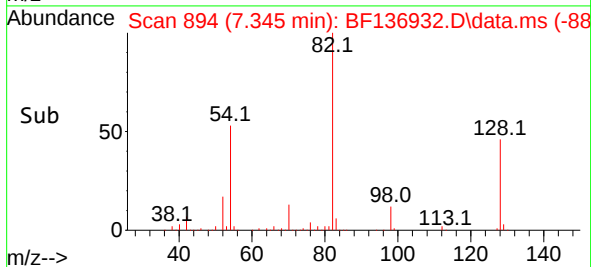
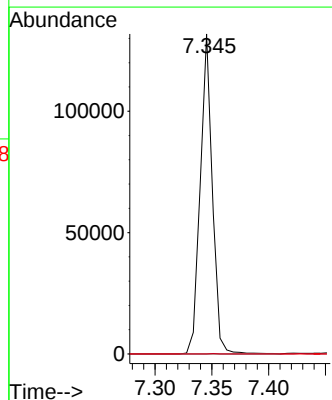
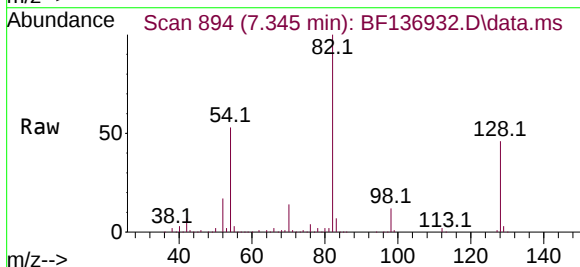
Tgt Ion: 82 Resp: 98166

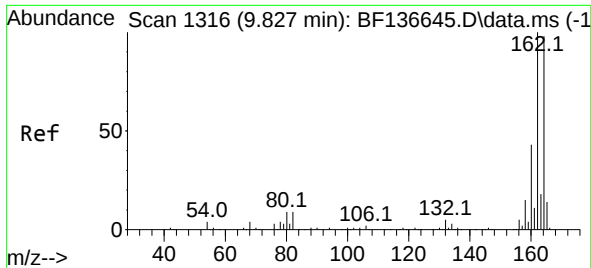
Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 14.5 21.7#

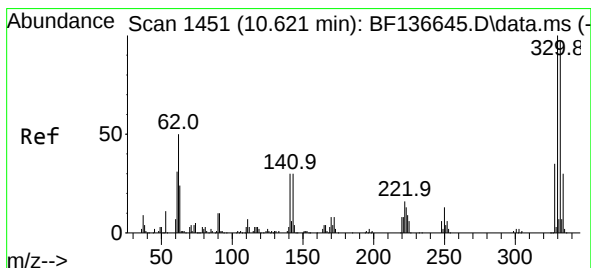
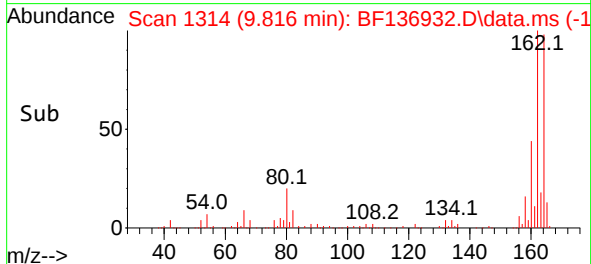
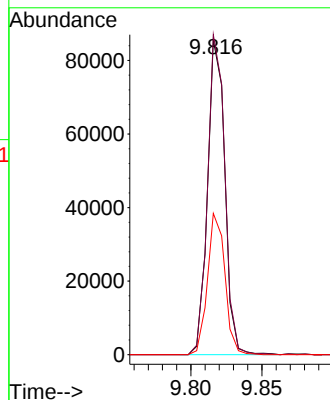
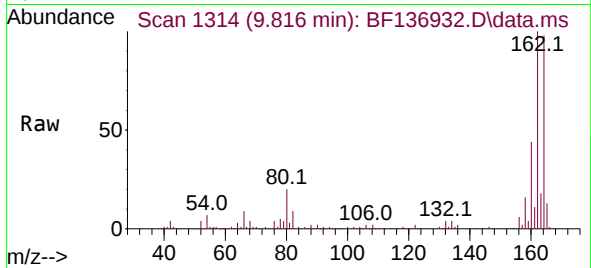




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

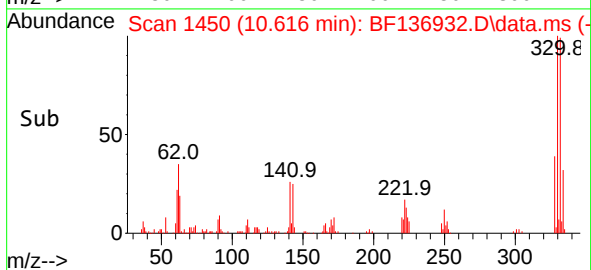
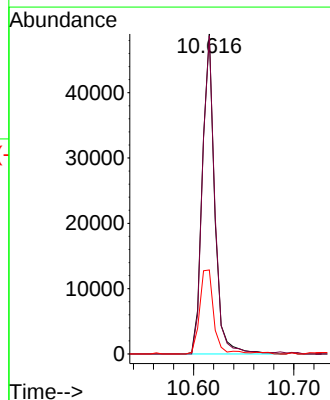
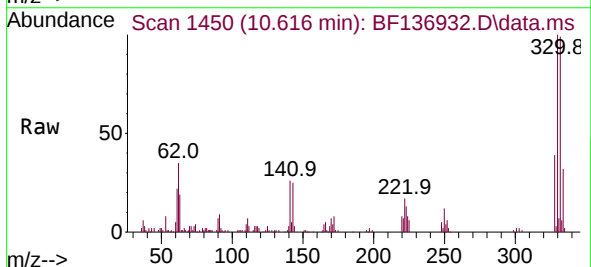
Instrument :
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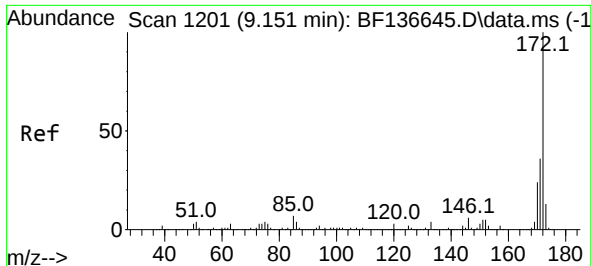
Tgt Ion:164 Resp: 72753
Ion Ratio Lower Upper
164 100
162 101.7 81.6 122.4
160 44.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 49.186 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

Tgt Ion:330 Resp: 42144
Ion Ratio Lower Upper
330 100
332 98.8 77.4 116.0
141 30.1 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 32.733 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136932.D

Acq: 04 Jan 2024 04:12

Instrument :

BNA_F

ClientSampleId :

MR-315-0-2

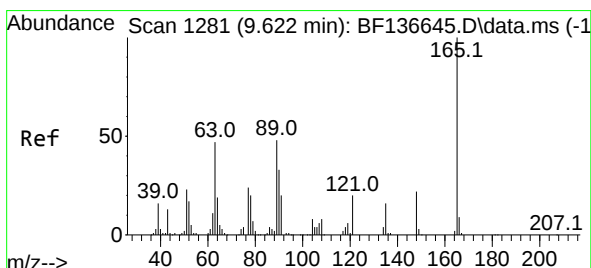
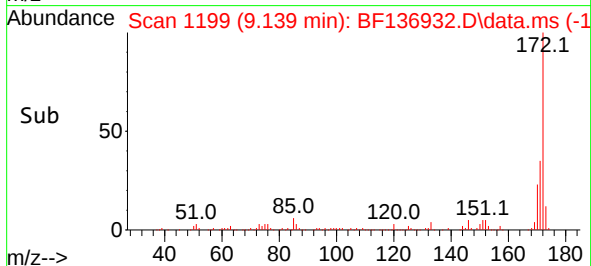
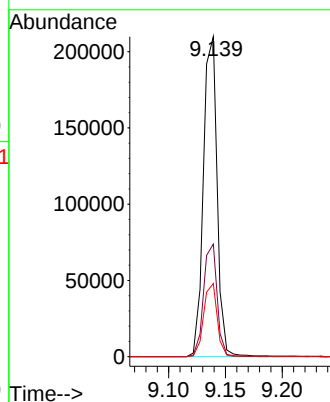
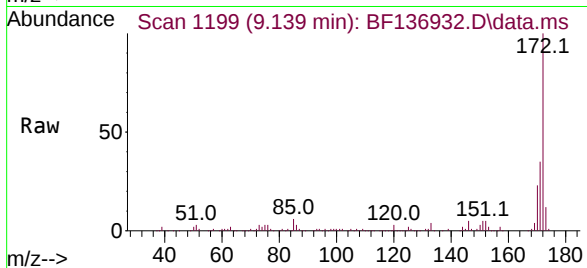
Tgt Ion:172 Resp: 177059

Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.6

170 22.8 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.833 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.194 min

Lab File: BF136932.D

Acq: 04 Jan 2024 04:12

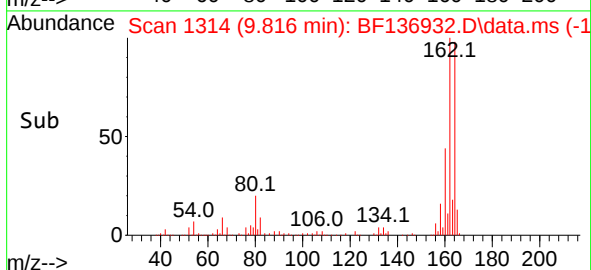
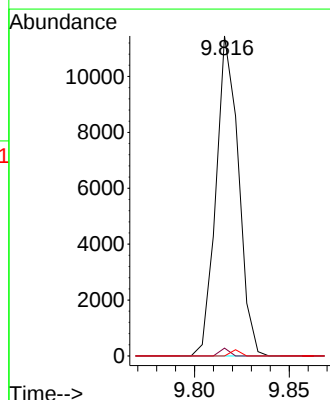
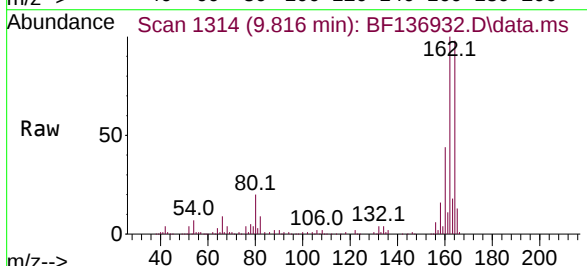
Tgt Ion:165 Resp: 9447

Ion Ratio Lower Upper

165 100

63 2.4 39.8 59.6#

89 0.0 38.8 58.2#

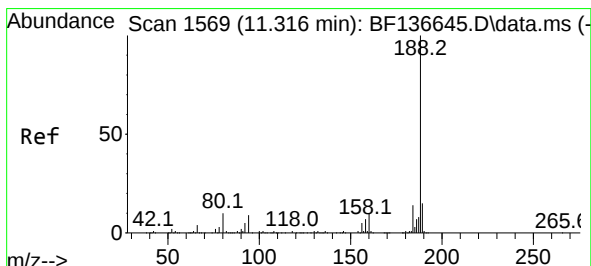
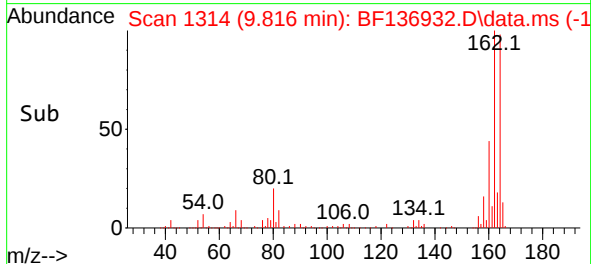
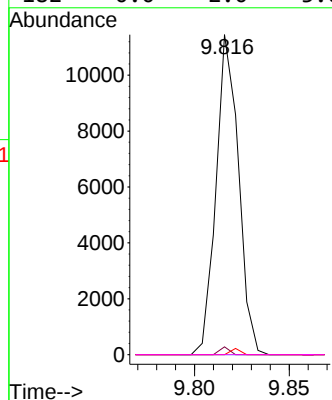
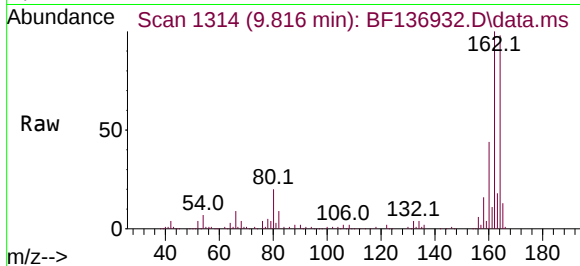




#57
2,4-Dinitrotoluene
Concen: 6.034 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

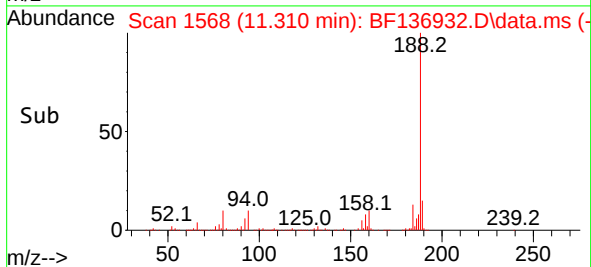
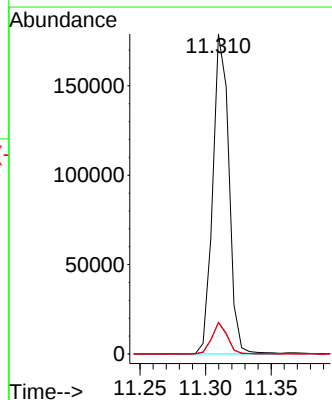
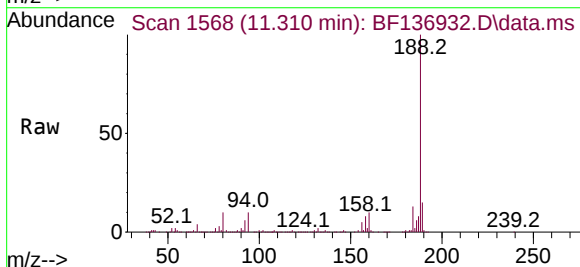
Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

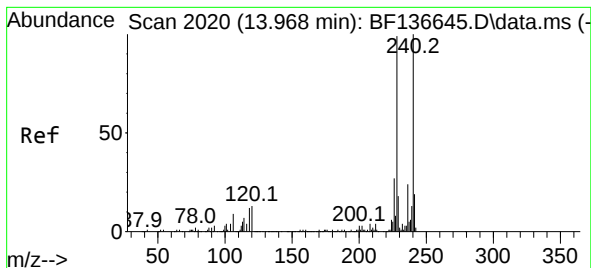
Tgt Ion:165 Resp: 9447
Ion Ratio Lower Upper
165 100
63 2.4 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

Tgt Ion:188 Resp: 153218
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 9.9 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136932.D

Acq: 04 Jan 2024 04:12

Instrument :

BNA_F

ClientSampleId :

MR-315-0-2

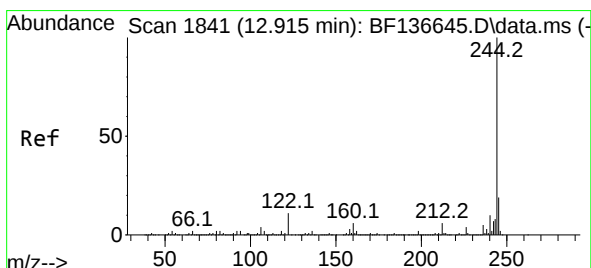
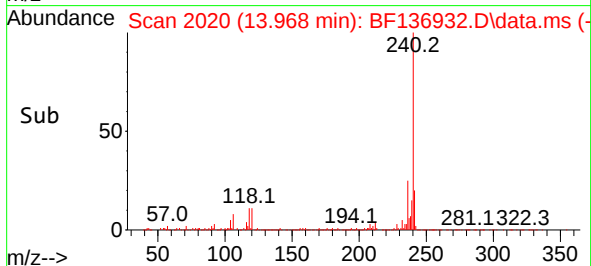
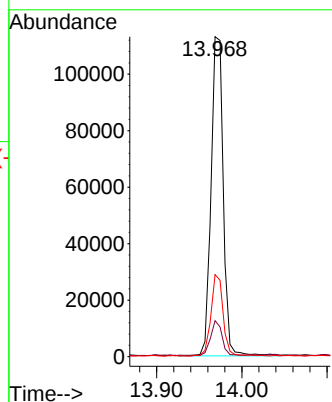
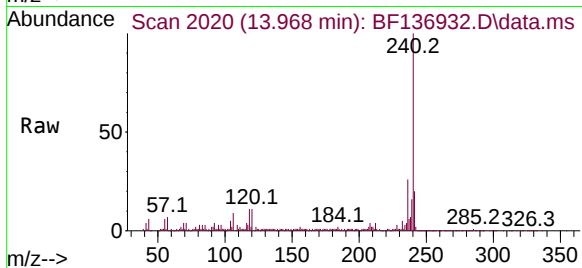
Tgt Ion:240 Resp: 113011

Ion Ratio Lower Upper

240 100

120 11.2 10.3 15.5

236 25.7 19.4 29.2



#79

Terphenyl-d14

Concen: 25.434 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136932.D

Acq: 04 Jan 2024 04:12

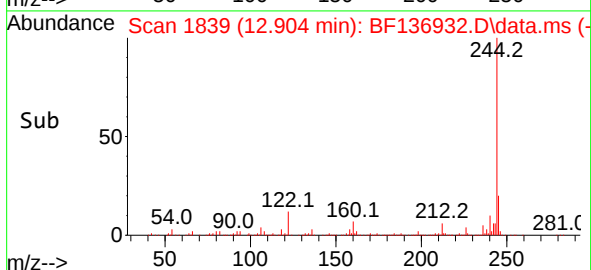
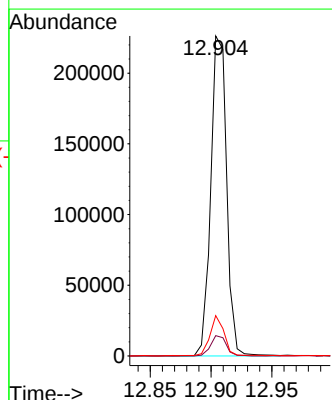
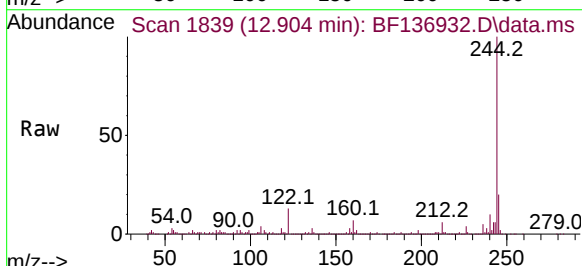
Tgt Ion:244 Resp: 205677

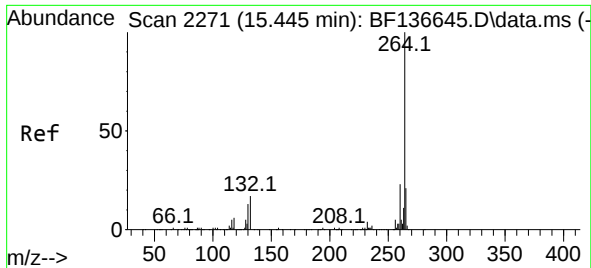
Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 12.6 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: BF136932.D
Acq: 04 Jan 2024 04:12

Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

Tgt Ion:264 Resp: 85611
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 22.9 17.0 25.6

