

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 :

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)

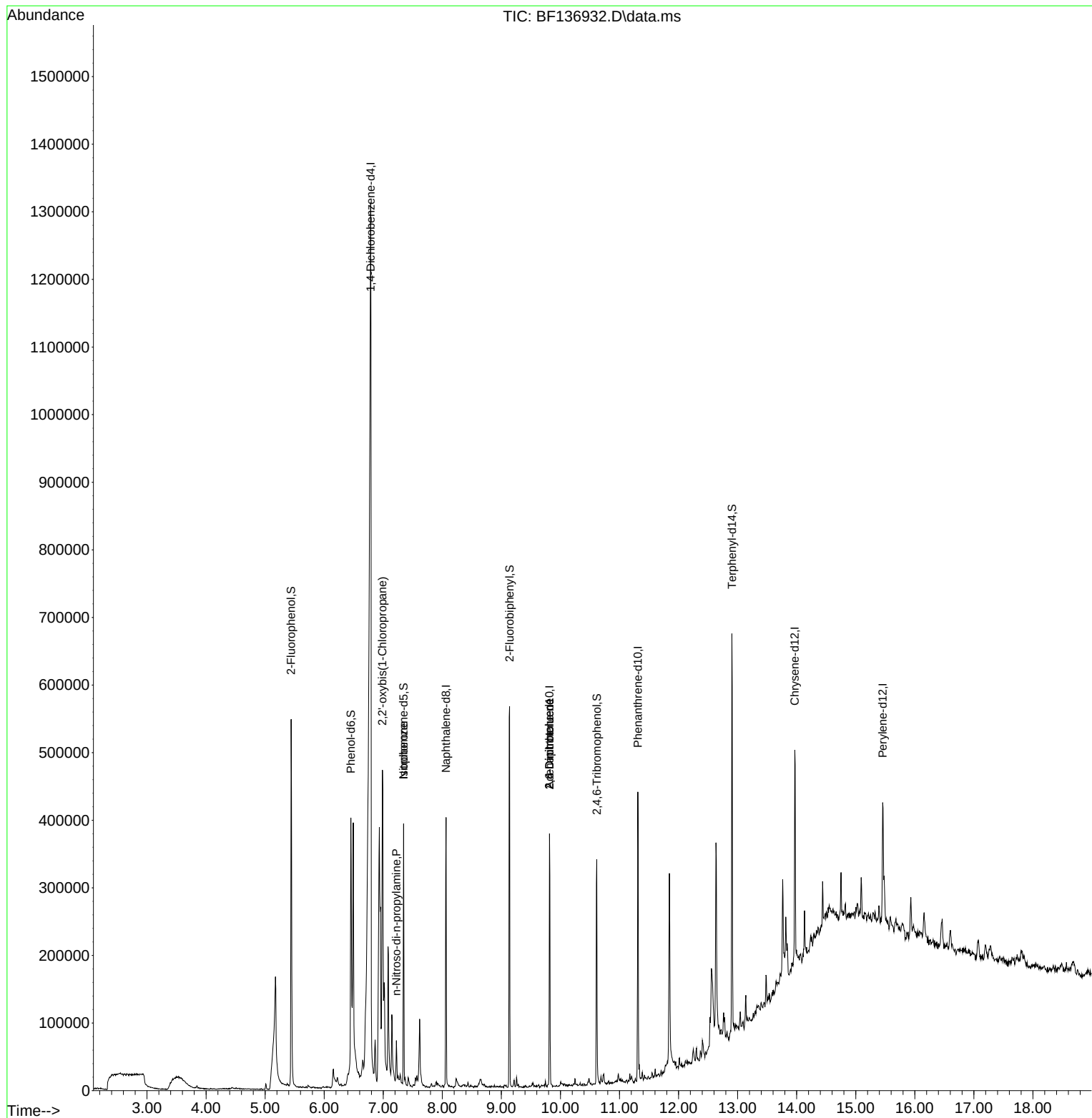
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	46196	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	163191	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	72753	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	153218	20.000	ng	0.00
76) Chrysene-d12	13.968	240	113011	20.000	ng	0.00
86) Perylene-d12	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						
						Qvalue
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

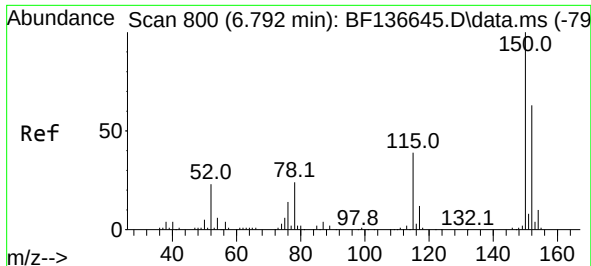
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
BNA_F
ClientSampleId :

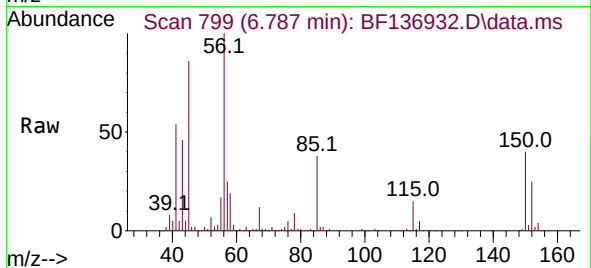
Quant Time: Jan 04 04:45:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



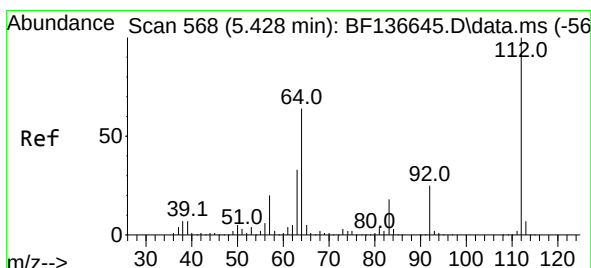
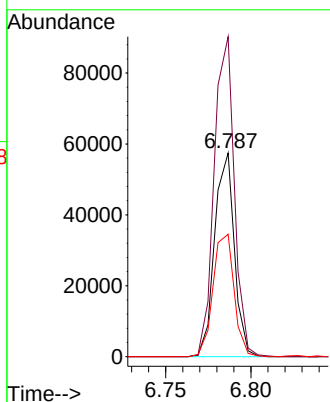
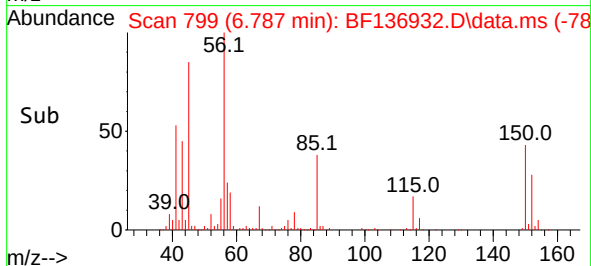


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

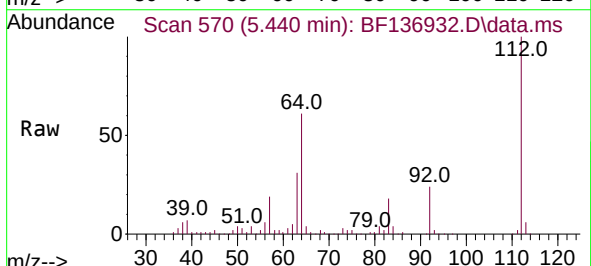
Instrument :
BNA_F
ClientSampleId :



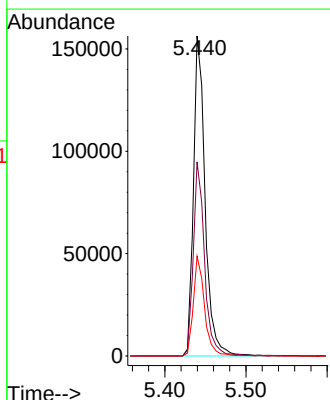
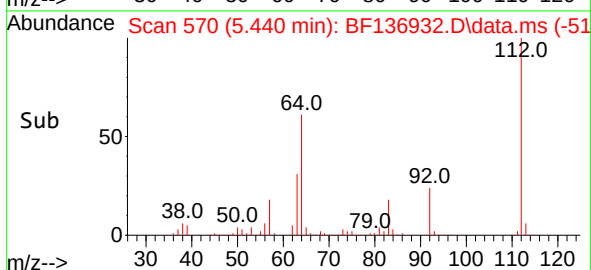
Tgt Ion:152 Resp: 46196
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.6
115 60.1 49.0 73.4

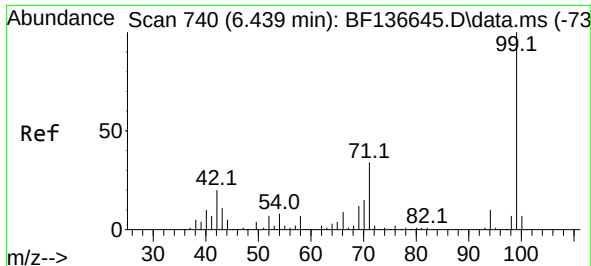


#5
2-Fluorophenol
Concen: 53.091 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12



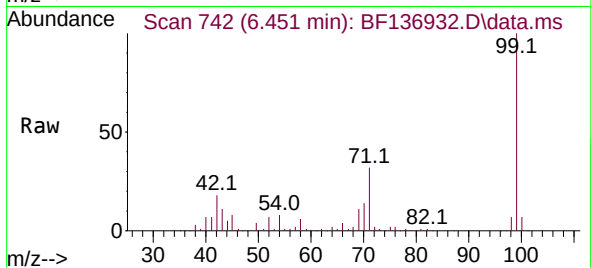
Tgt Ion:112 Resp: 157188
Ion Ratio Lower Upper
112 100
64 60.6 51.1 76.7
63 31.2 26.1 39.1



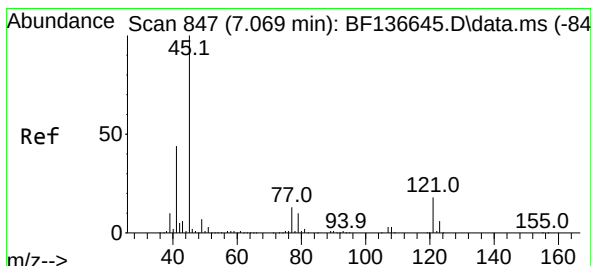
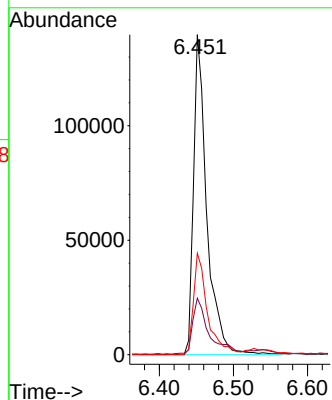
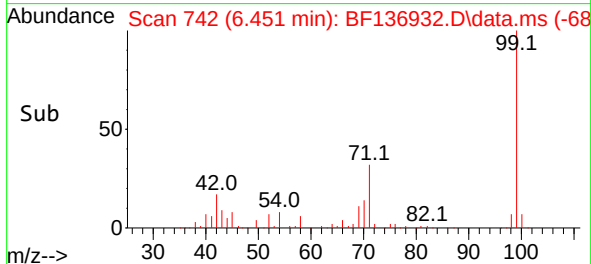


#7
Phenol-d6
Concen: 45.322 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

Instrument :
BNA_F
ClientSampleId :

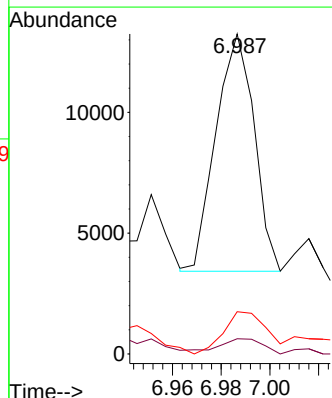
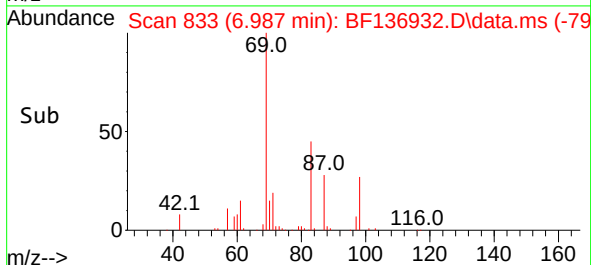
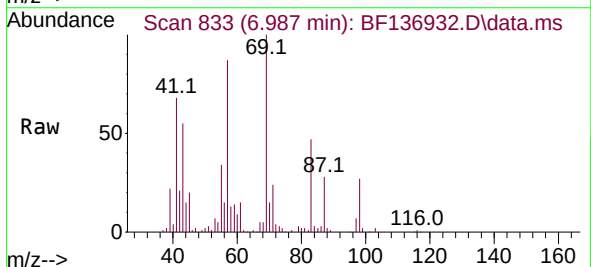


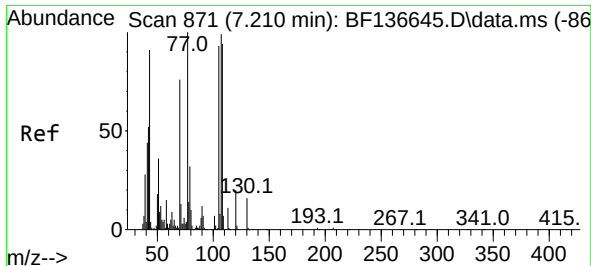
Tgt Ion: 99 Resp: 173875
Ion Ratio Lower Upper
99 100
42 17.6 16.1 24.1
71 31.7 27.4 41.2



#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

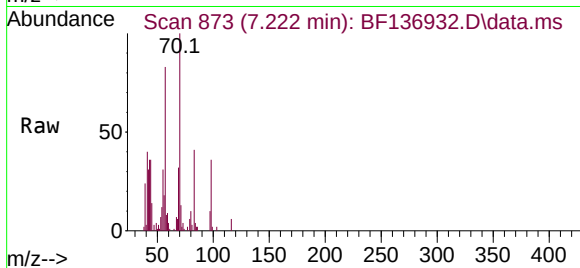
Tgt Ion: 45 Resp: 10734
Ion Ratio Lower Upper
45 100
77 4.7 0.0 34.3
79 13.2 0.0 31.4



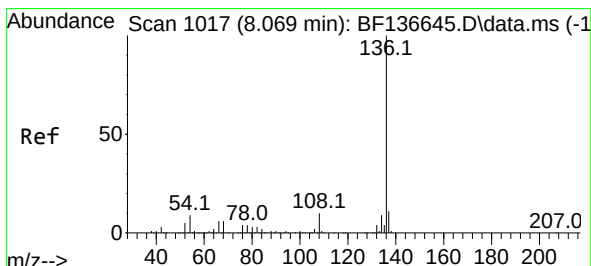
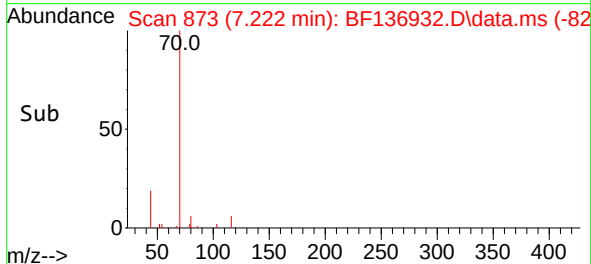
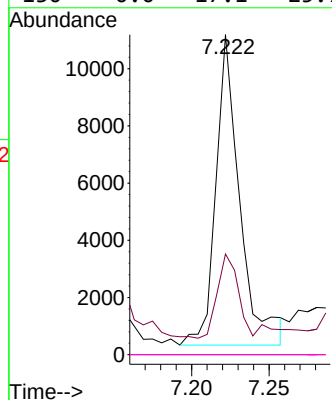


#19
n-Nitroso-di-n-propylamine
Concen: 5.011 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

Instrument :
BNA_F
ClientSampleId :

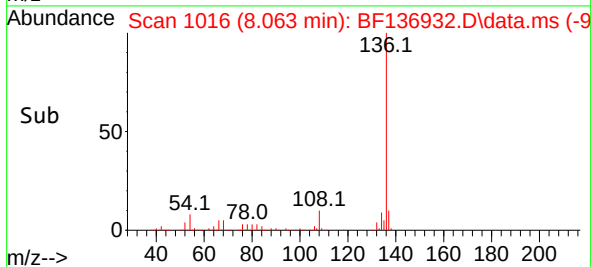
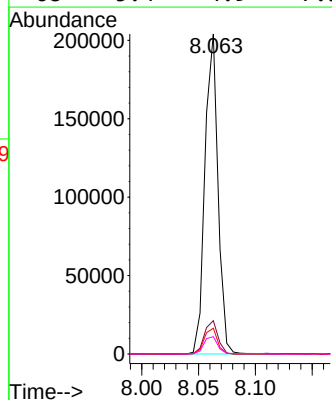
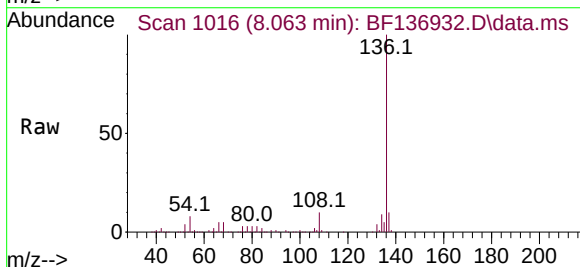


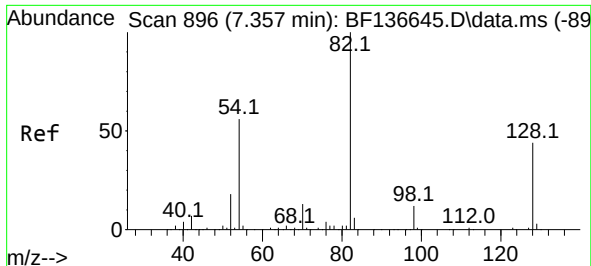
Tgt Ion: 70 Resp: 11653
Ion Ratio Lower Upper
70 100
42 31.4 54.2 81.4#
101 0.0 7.6 11.4#
130 0.0 17.1 25.7#



#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

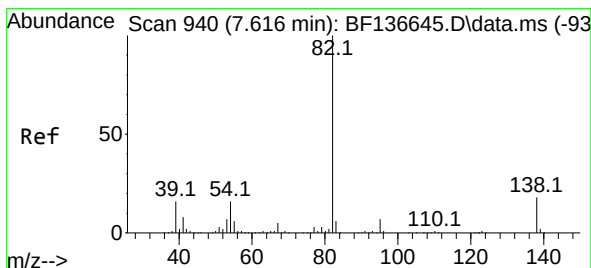
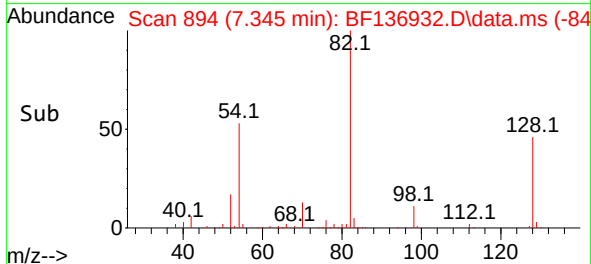
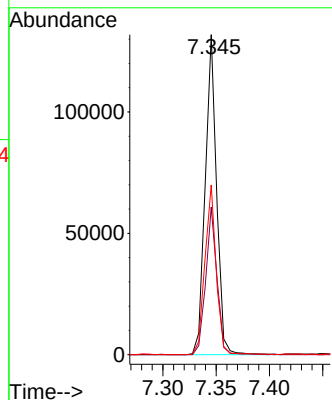
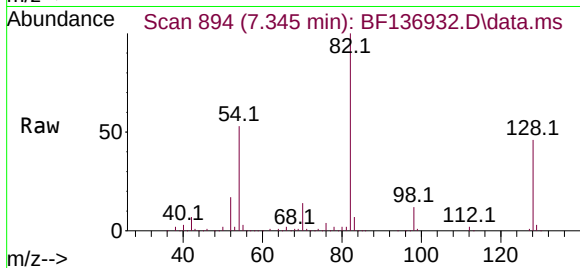
Acq: 04 Jan 2024 04:12

Instrument :

BNA_F

ClientSampleId :

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

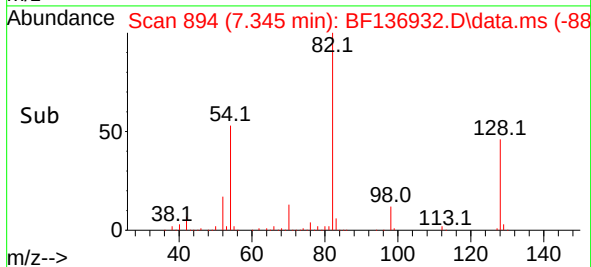
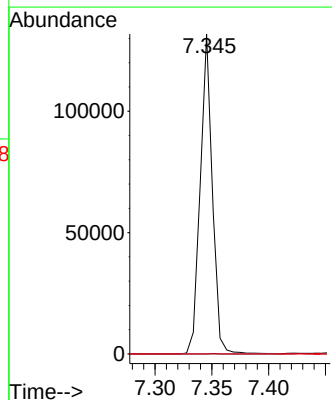
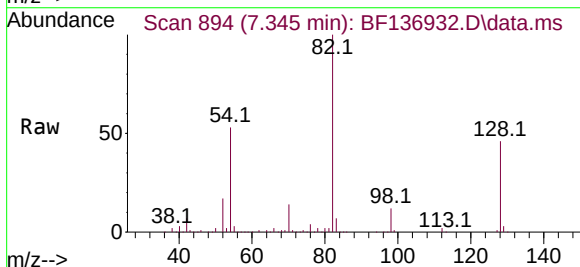
RT: 7.345 min Scan# 894

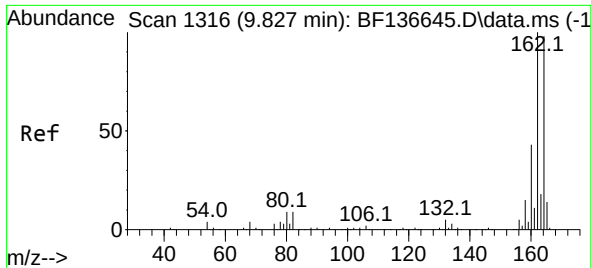
Delta R.T. -0.270 min

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

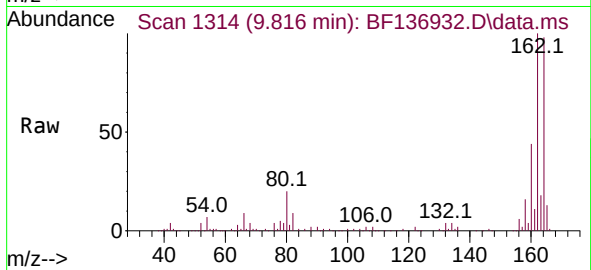
Lab File: BF136932.D

Acq: 04 Jan 2024 04:12

Instrument :

BNA_F

ClientSampleId :



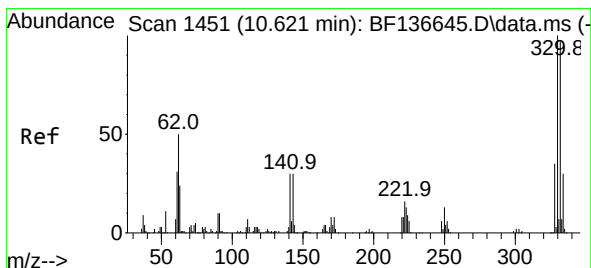
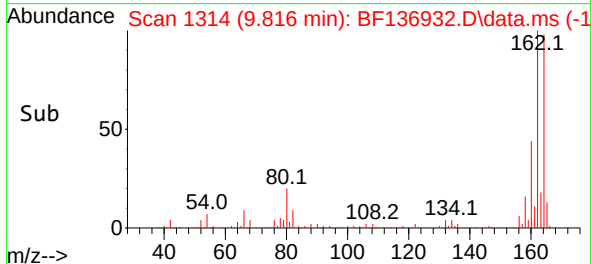
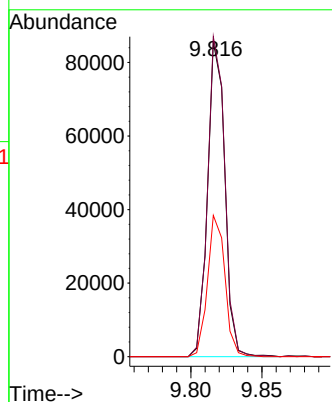
Tgt Ion:164 Resp: 72753

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

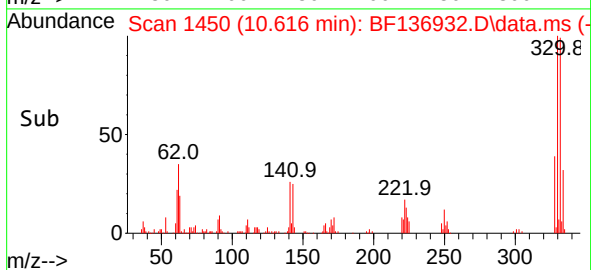
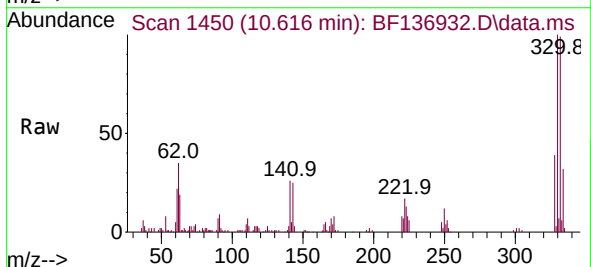
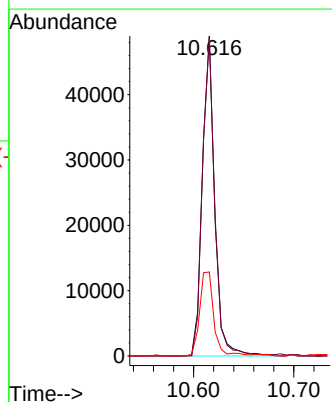
Tgt Ion:330 Resp: 42144

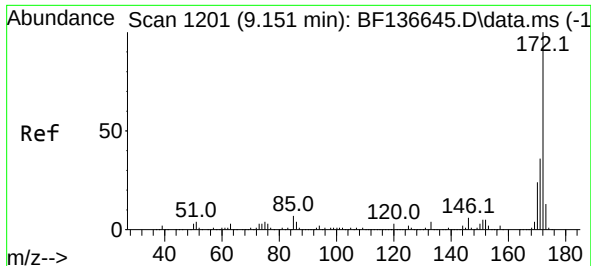
Ion Ratio Lower Upper

330 100

332 98.8 77.4 116.0

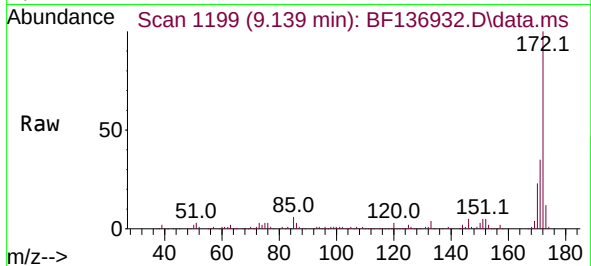
141 30.1 23.4 35.2



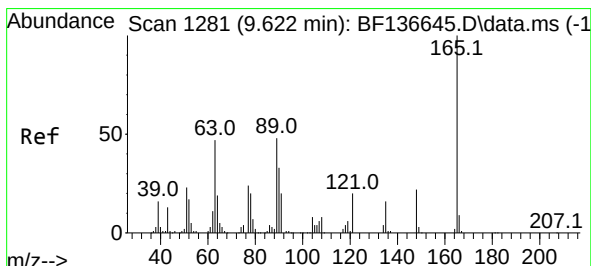
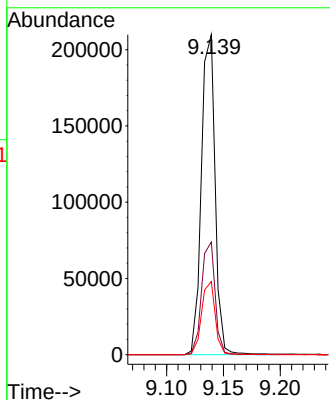
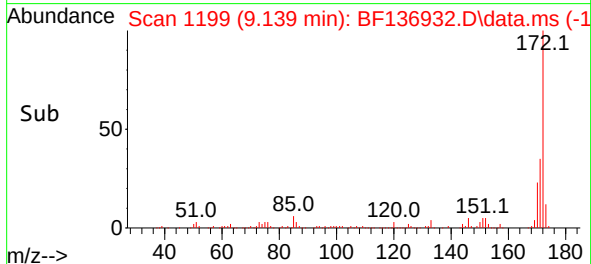


#45
2-Fluorobiphenyl
Concen: 32.733 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

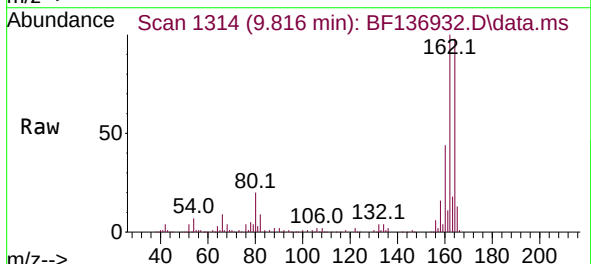
Instrument :
BNA_F
ClientSampleId :



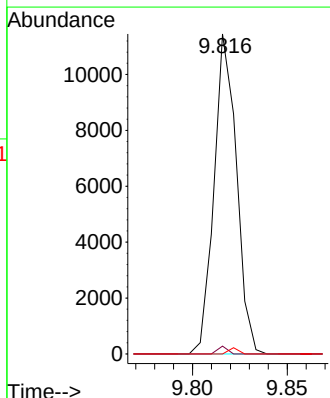
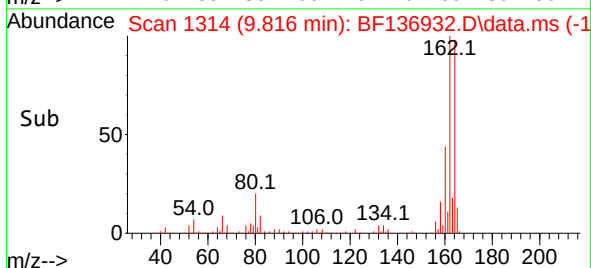
Tgt Ion:172 Resp: 177059
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.6
170 22.8 19.0 28.4

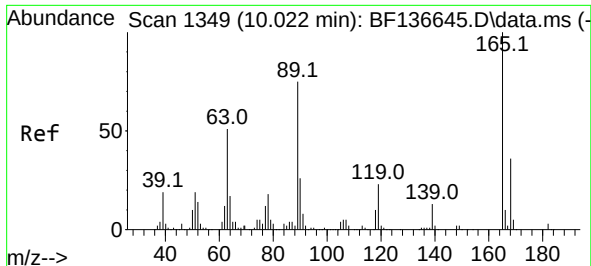


#51
2,6-Dinitrotoluene
Concen: 7.833 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12



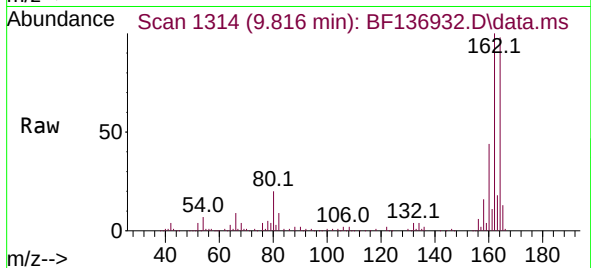
Tgt Ion:165 Resp: 9447
Ion Ratio Lower Upper
165 100
63 2.4 39.8 59.6#
89 0.0 38.8 58.2#



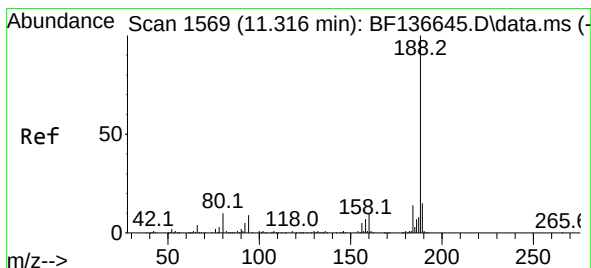
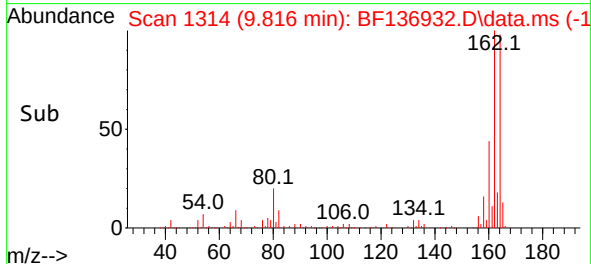
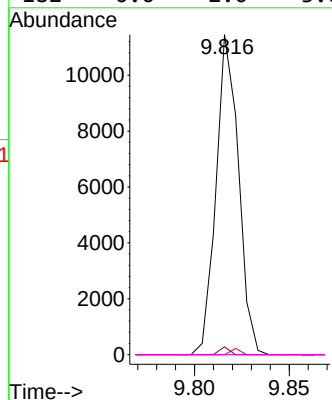


#57
2,4-Dinitrotoluene
Concen: 6.034 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

Instrument :
BNA_F
ClientSampleId :

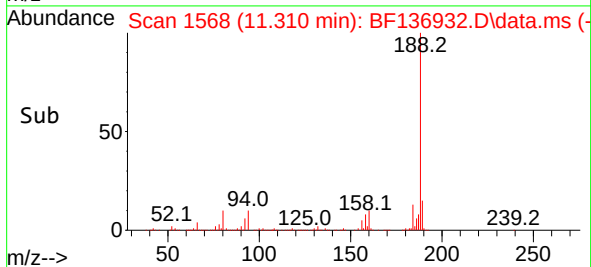
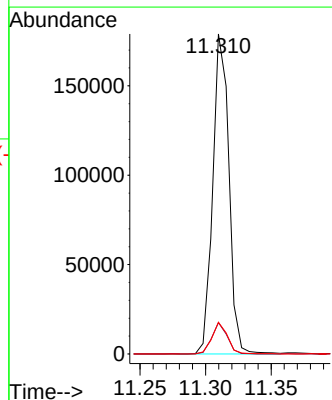
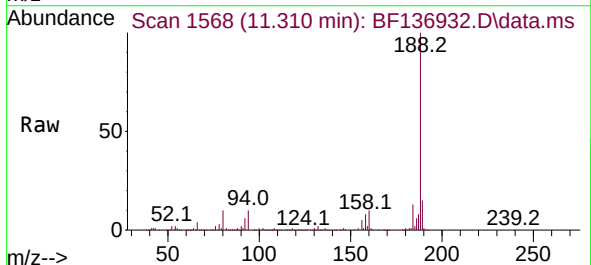


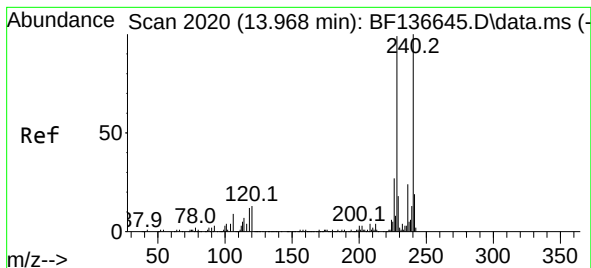
Tgt Ion:165 Resp: 9447
Ion Ratio Lower Upper
165 100
63 2.4 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#



#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 :

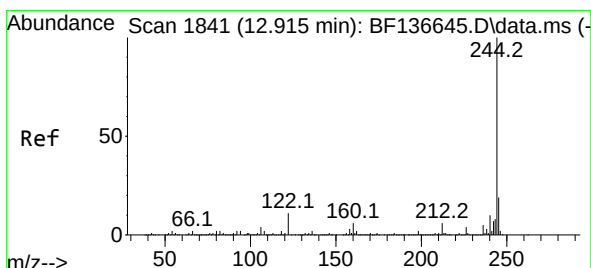
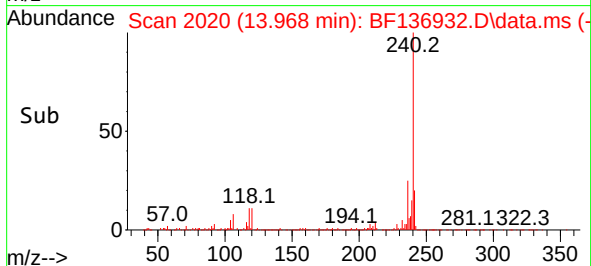
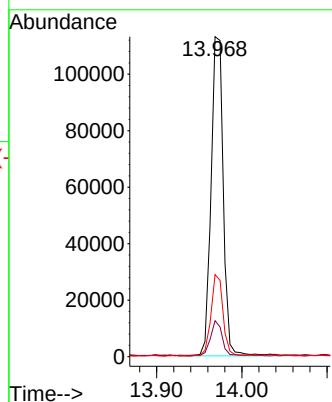
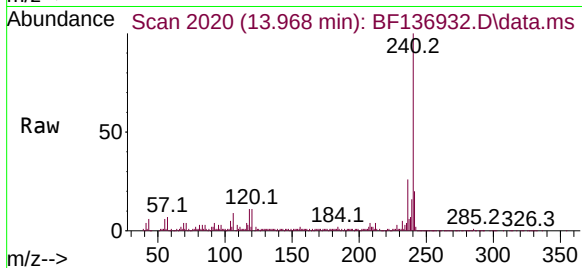
Tgt Ion:240 Resp: 113011

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

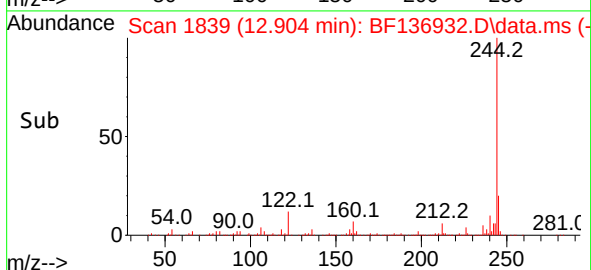
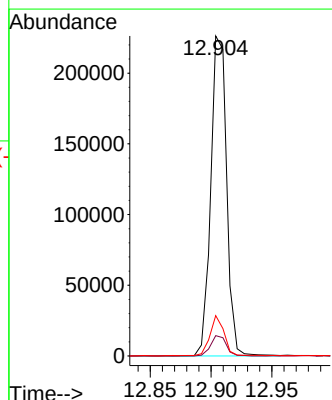
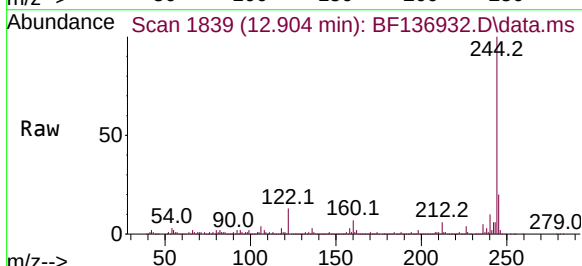
Tgt Ion:244 Resp: 205677

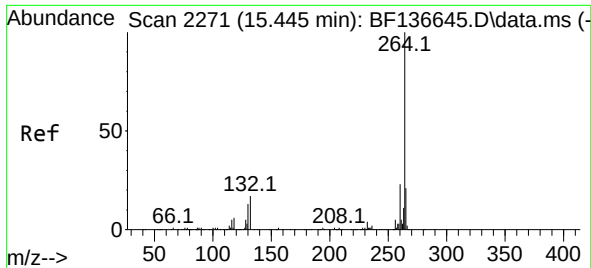
Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

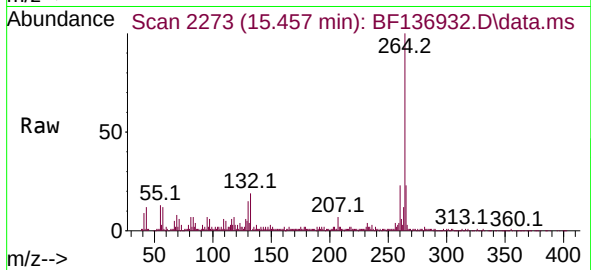
122 12.6 9.0 13.4





#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 :



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

