

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133262.D
 Acq On : 05 May 2023 14:00
 Operator : CG\JU
 Sample : 02597-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20230503

Quant Time: May 06 05:48:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

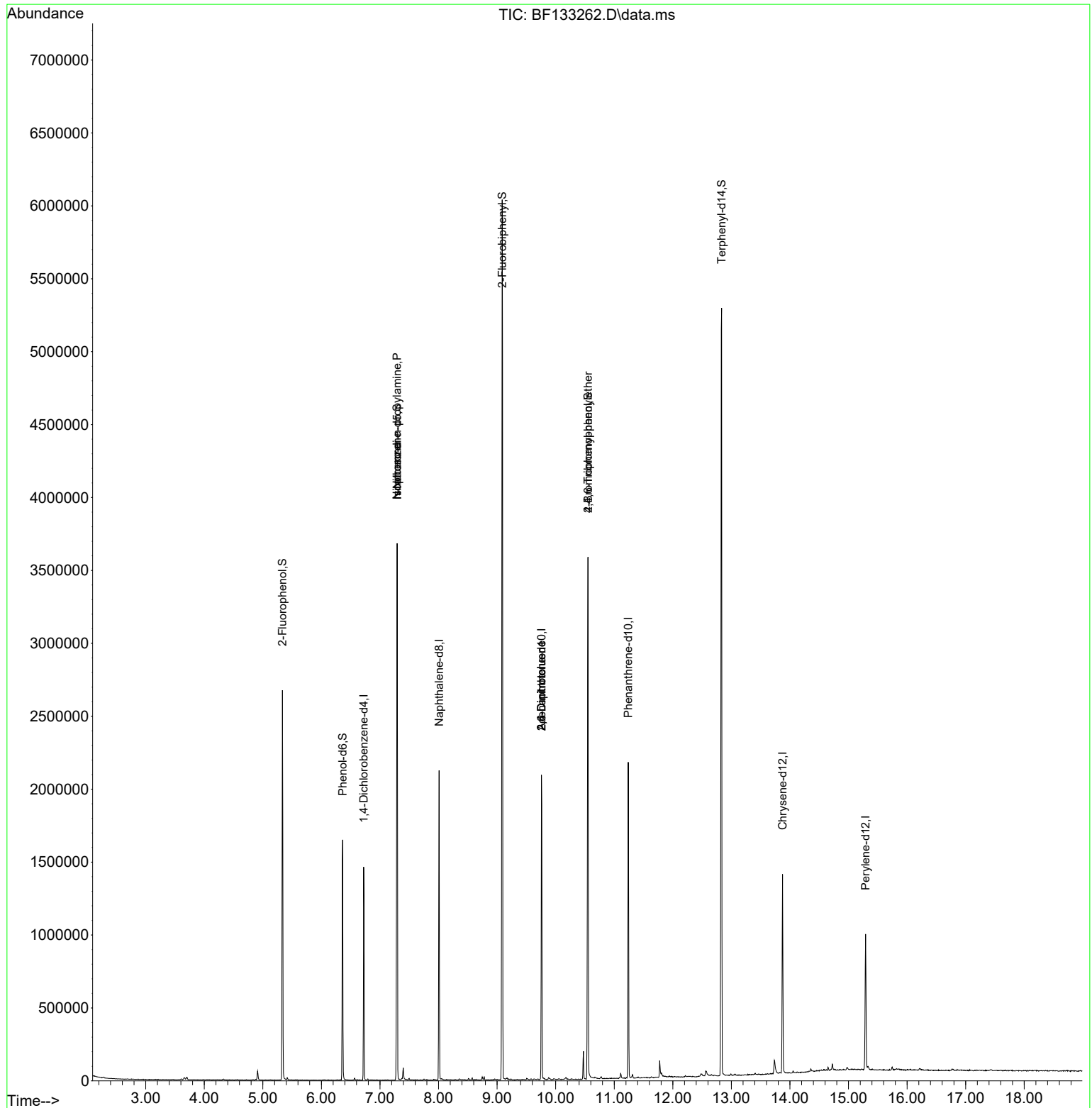
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	194418	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	795991	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	420082	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	744709	20.000	ng	0.00
76) Chrysene-d12	13.874	240	405900	20.000	ng	0.00
86) Perylene-d12	15.292	264	378817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	708708	55.066	ng	0.00
7) Phenol-d6	6.363	99	513748	32.160	ng	0.00
23) Nitrobenzene-d5	7.293	82	1204253	81.661	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	456016	107.940	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1995946	79.490	ng	0.00
79) Terphenyl-d14	12.833	244	2094375	88.990	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.269	77	439	Below Cal		89
19) n-Nitroso-di-n-propyla...	7.293	70	161026	16.192 ng	#	76
25) Isophorone	7.293	82	1204243	43.010 ng	#	63
51) 2,6-Dinitrotoluene	9.757	165	55585	8.431 ng	#	24
57) 2,4-Dinitrotoluene	9.757	165	55585	6.611 ng	#	23
67) 4-Bromophenyl-phenylether	10.551	248	28532	3.533 ng	#	1

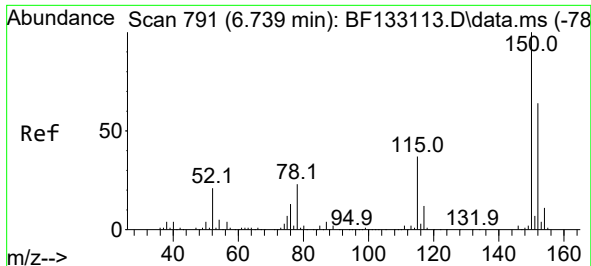
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 10:49:34 2023
Response via : Initial Calibration

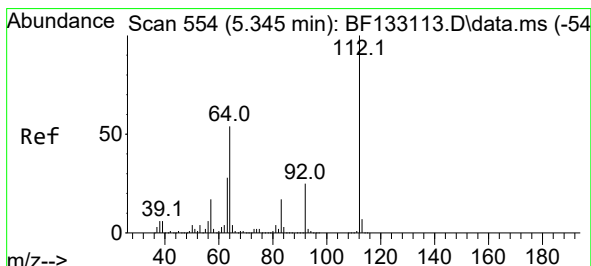
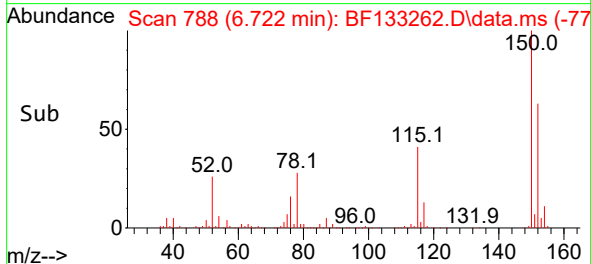
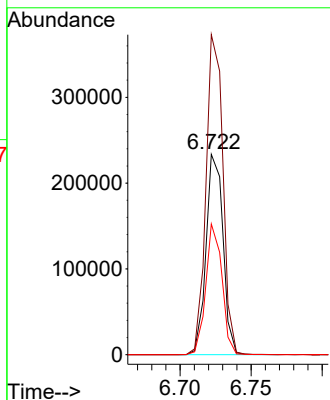
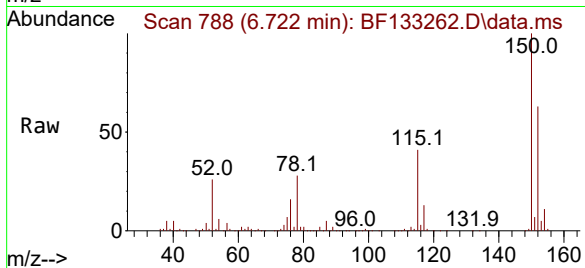




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133262.D
 Acq: 05 May 2023 14:00

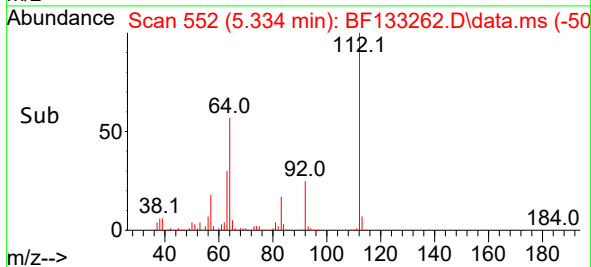
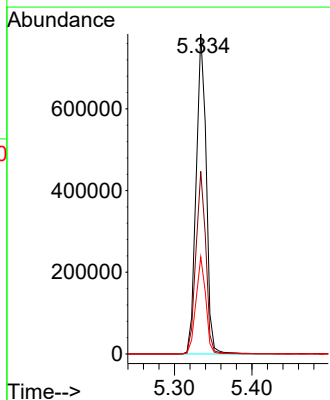
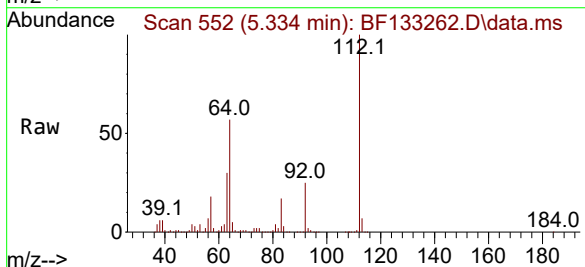
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20230503

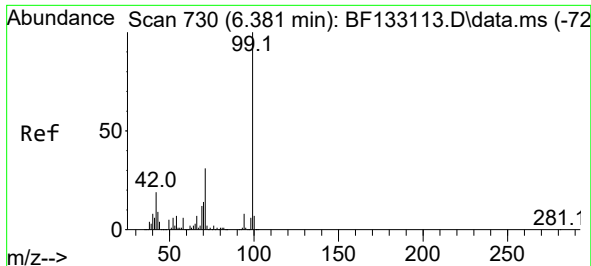
Tgt Ion:152 Resp: 194418
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.8 187.2
 115 65.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 55.066 ng
 RT: 5.334 min Scan# 552
 Delta R.T. 0.000 min
 Lab File: BF133262.D
 Acq: 05 May 2023 14:00

Tgt Ion:112 Resp: 708708
 Ion Ratio Lower Upper
 112 100
 64 57.1 46.8 70.2
 63 30.4 23.8 35.8

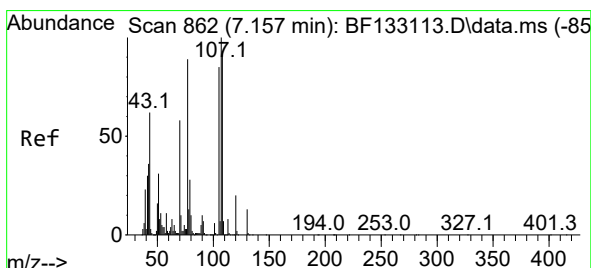
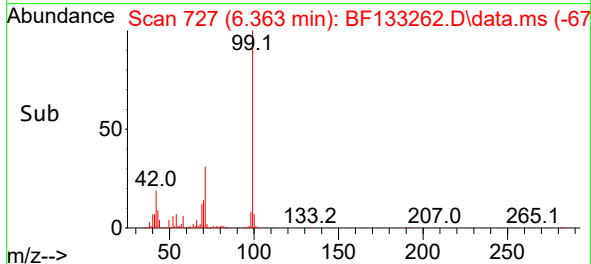
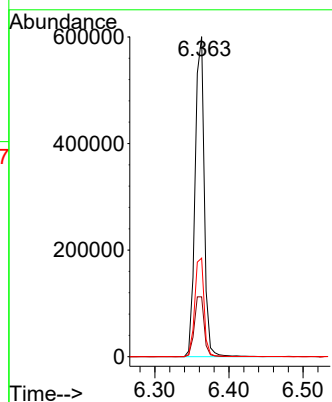
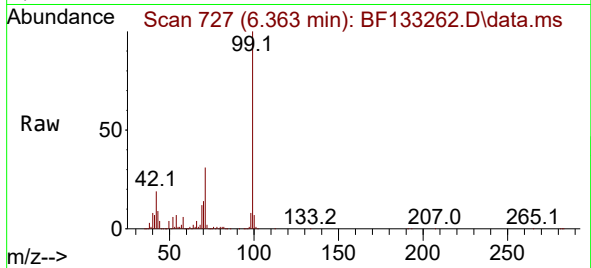




#7
Phenol-d6
Concen: 32.160 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133262.D
Acq: 05 May 2023 14:00

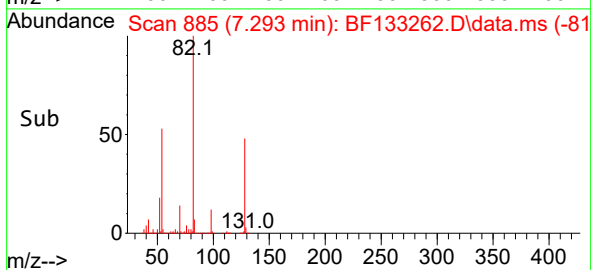
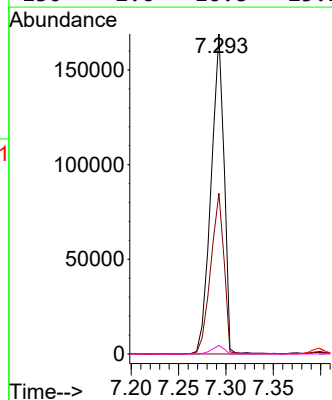
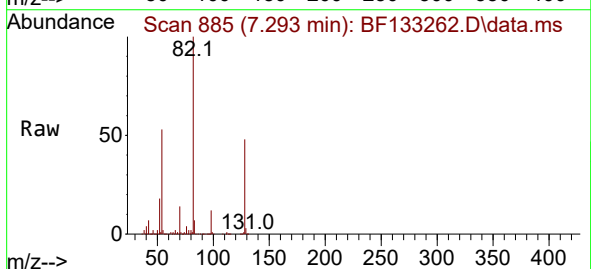
Instrument :
BNA_F
ClientSampleId :
MW-4-20230503

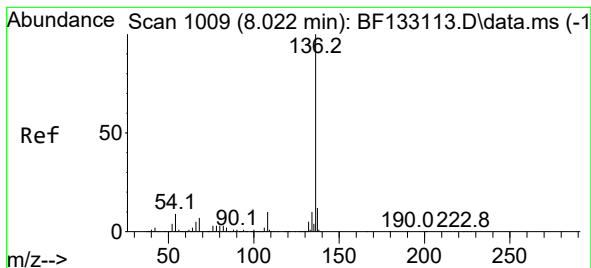
Tgt Ion: 99 Resp: 513748
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 30.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.192 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133262.D
Acq: 05 May 2023 14:00

Tgt Ion: 70 Resp: 161026
Ion Ratio Lower Upper
70 100
42 50.2 51.8 77.6#
101 0.0 8.0 12.0#
130 2.6 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133262.D

Acq: 05 May 2023 14:00

Instrument :

BNA_F

ClientSampleId :

MW-4-20230503

Tgt Ion:136 Resp: 795991

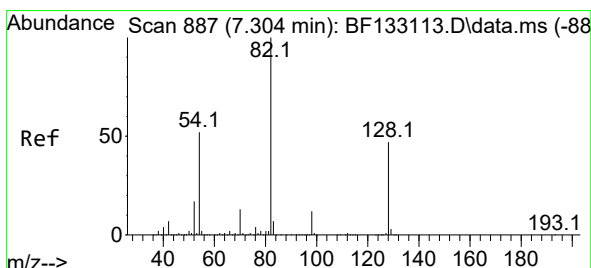
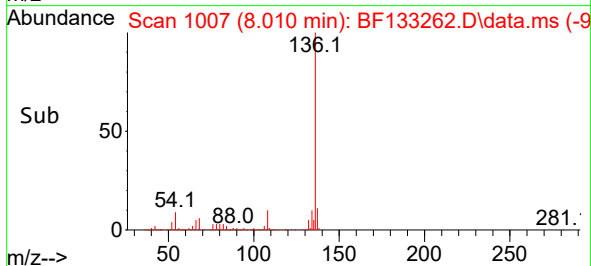
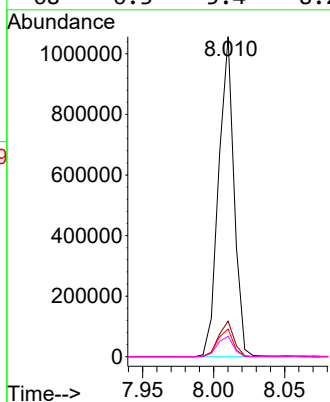
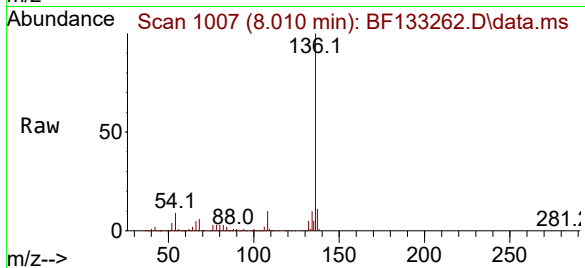
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.7 7.0 10.4

68 6.3 5.4 8.2



#23

Nitrobenzene-d5

Concen: 81.661 ng

RT: 7.293 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF133262.D

Acq: 05 May 2023 14:00

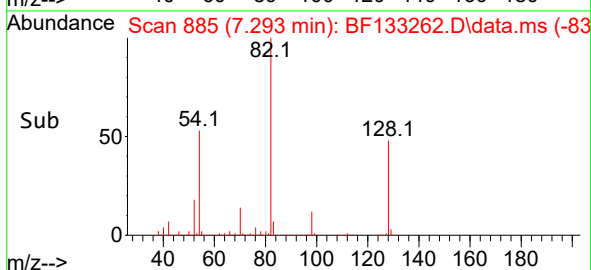
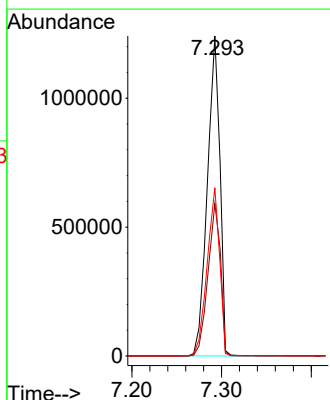
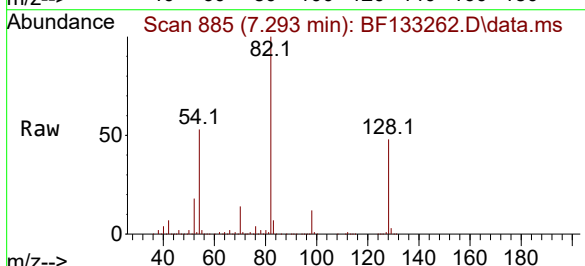
Tgt Ion: 82 Resp: 1204253

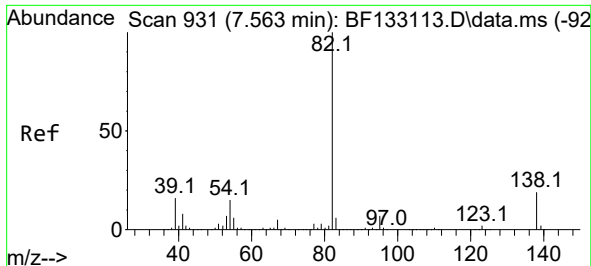
Ion Ratio Lower Upper

82 100

128 47.6 37.7 56.5

54 52.5 43.0 64.4

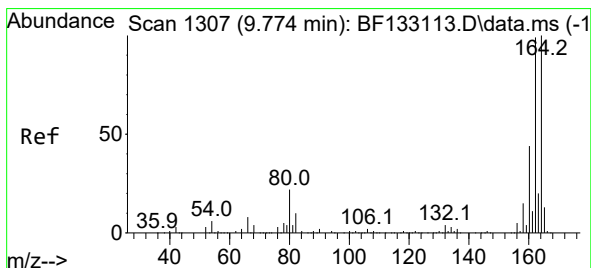
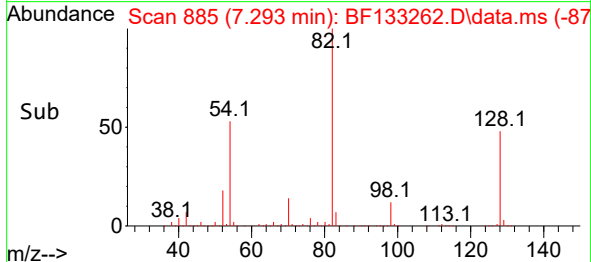
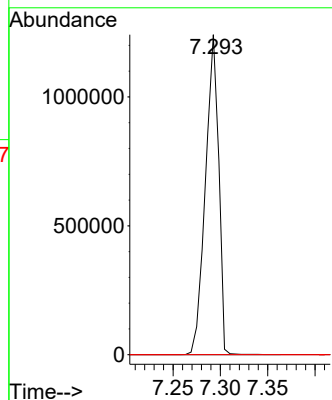
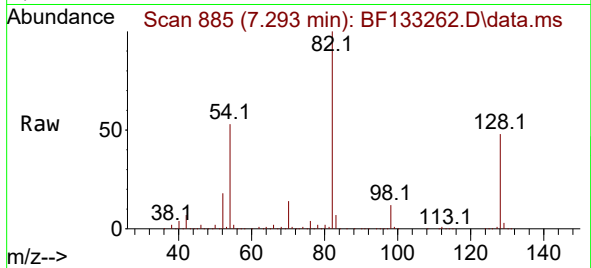




#25
Isophorone
Concen: 43.010 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133262.D
Acq: 05 May 2023 14:00

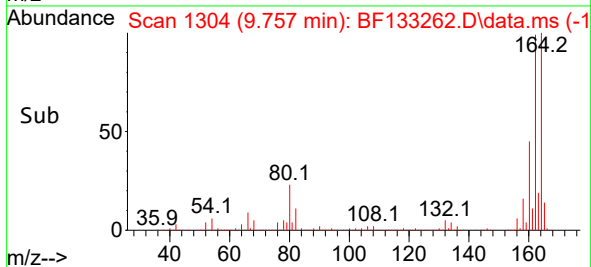
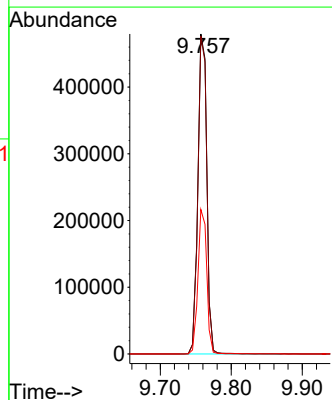
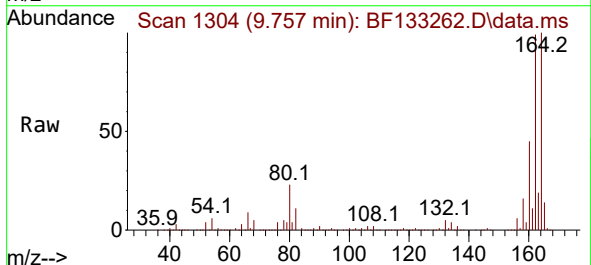
Instrument :
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ClientSampleId :
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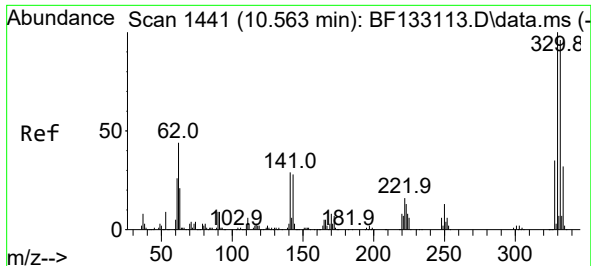
Tgt Ion: 82 Resp: 1204243
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133262.D
Acq: 05 May 2023 14:00

Tgt Ion: 164 Resp: 420082
Ion Ratio Lower Upper
164 100
162 99.3 78.7 118.1
160 45.2 35.8 53.6

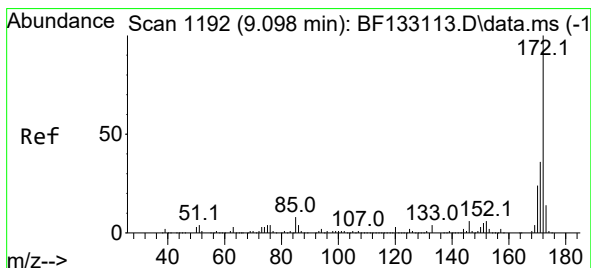
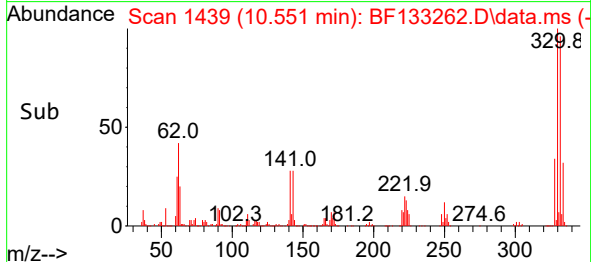
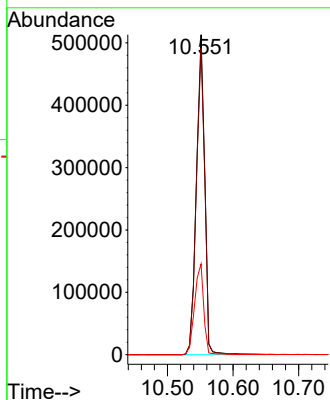
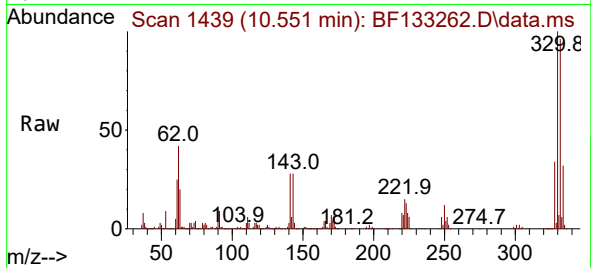




#42
2,4,6-Tribromophenol
Concen: 107.940 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133262.D
Acq: 05 May 2023 14:00

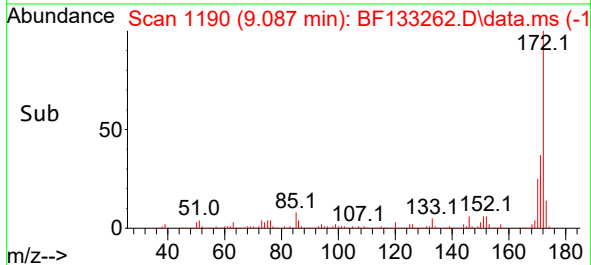
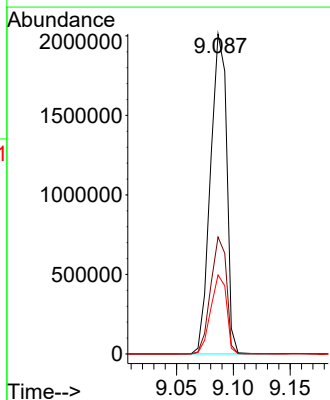
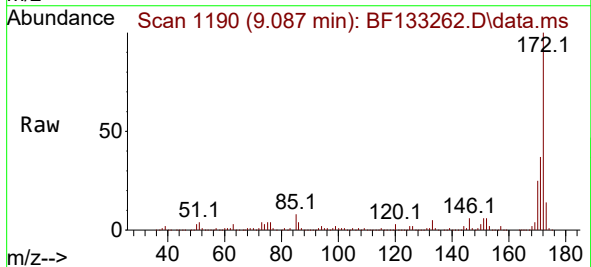
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ClientSampleId :
MW-4-20230503

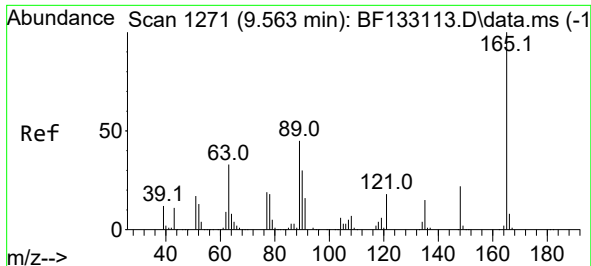
Tgt Ion:330 Resp: 456016
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 31.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 79.490 ng
RT: 9.087 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133262.D
Acq: 05 May 2023 14:00

Tgt Ion:172 Resp: 1995946
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.7 19.4 29.2

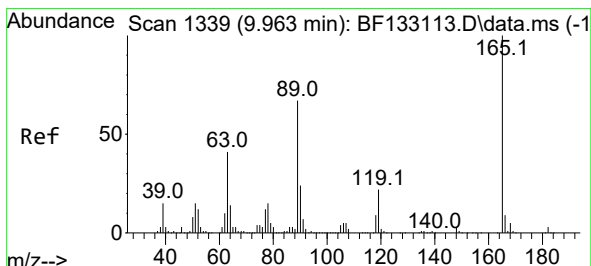
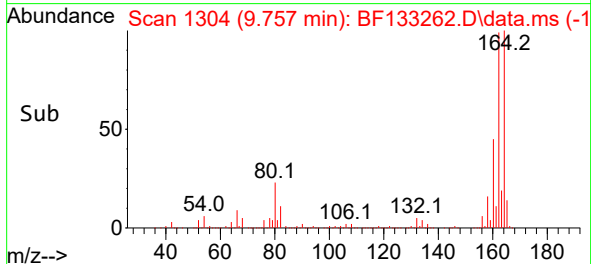
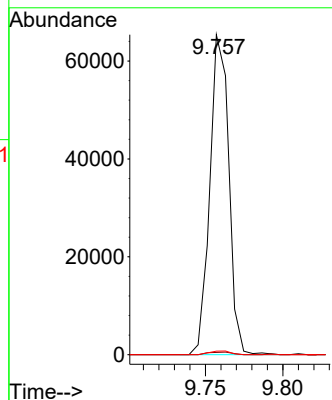
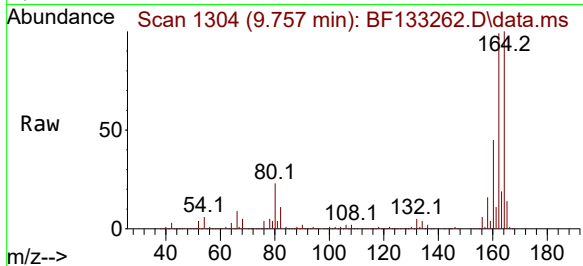




#51
2,6-Dinitrotoluene
Concen: 8.431 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133262.D
Acq: 05 May 2023 14:00

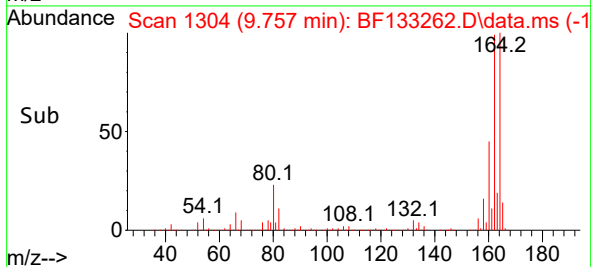
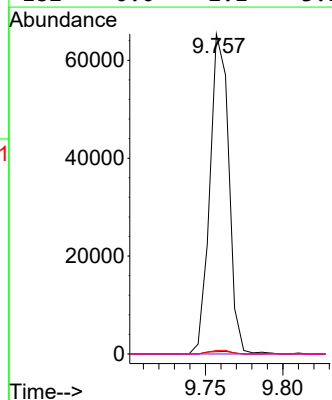
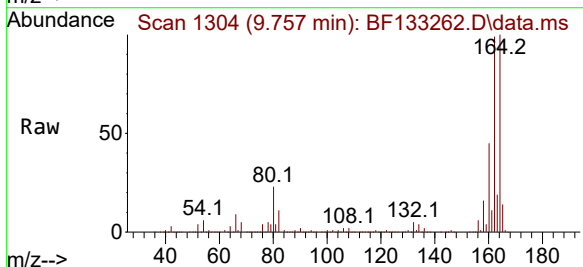
Instrument :
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ClientSampleId :
MW-4-20230503

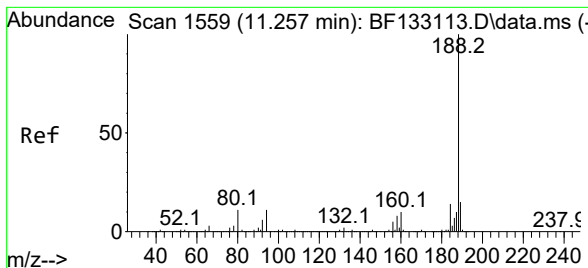
Tgt Ion:165 Resp: 55585
Ion Ratio Lower Upper
165 100
63 0.7 45.9 68.9#
89 1.1 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.611 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF133262.D
Acq: 05 May 2023 14:00

Tgt Ion:165 Resp: 55585
Ion Ratio Lower Upper
165 100
63 0.7 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133262.D

Acq: 05 May 2023 14:00

Instrument :

BNA_F

ClientSampleId :

MW-4-20230503

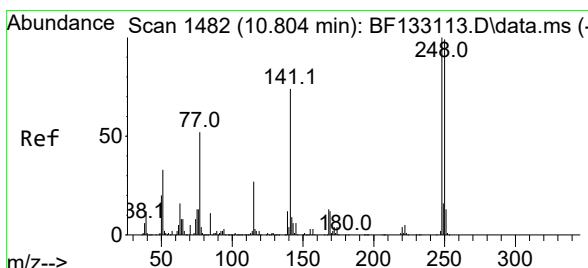
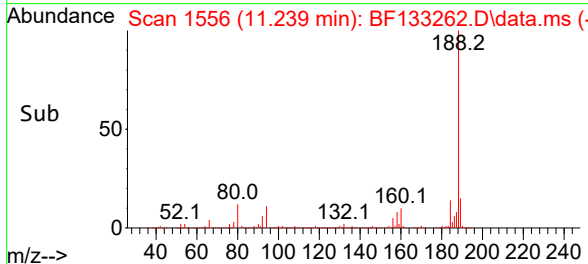
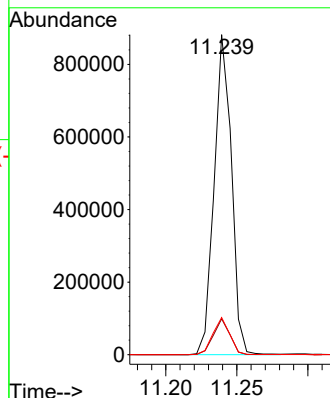
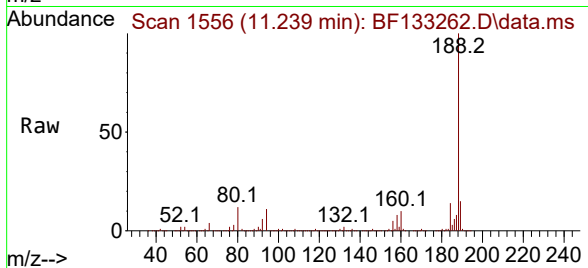
Tgt Ion:188 Resp: 744709

Ion Ratio Lower Upper

188 100

94 11.2 9.7 14.5

80 11.6 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 3.533 ng

RT: 10.551 min Scan# 1439

Delta R.T. -0.241 min

Lab File: BF133262.D

Acq: 05 May 2023 14:00

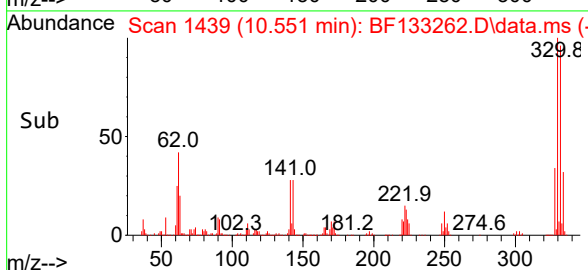
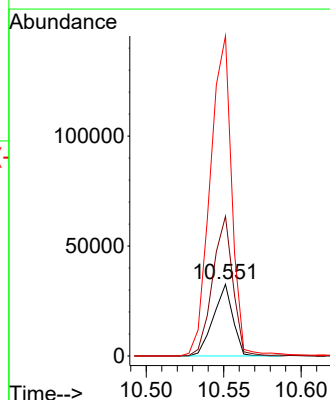
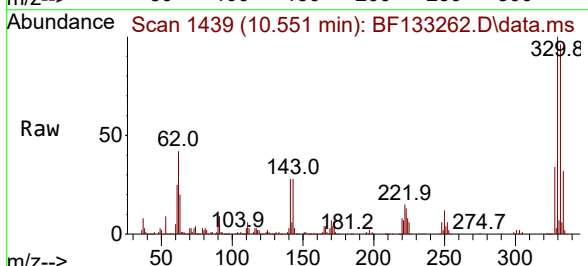
Tgt Ion:248 Resp: 28532

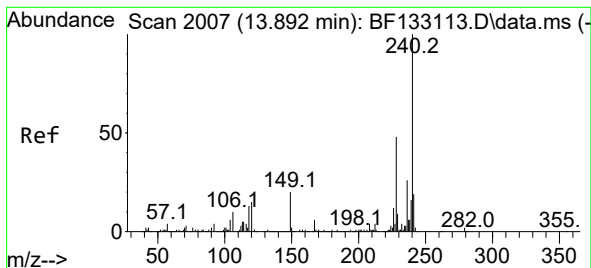
Ion Ratio Lower Upper

248 100

250 194.8 78.7 118.1#

141 446.2 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133262.D

Acq: 05 May 2023 14:00

Instrument :

BNA_F

ClientSampleId :

MW-4-20230503

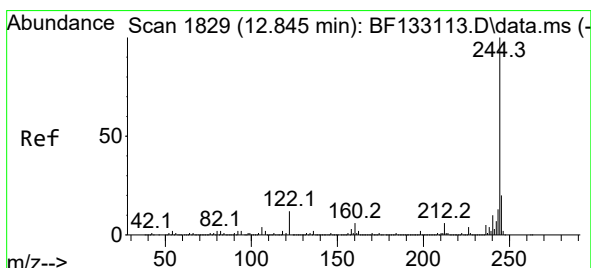
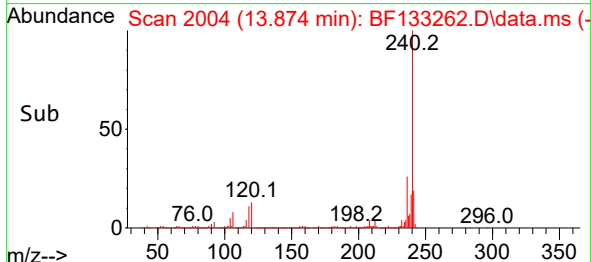
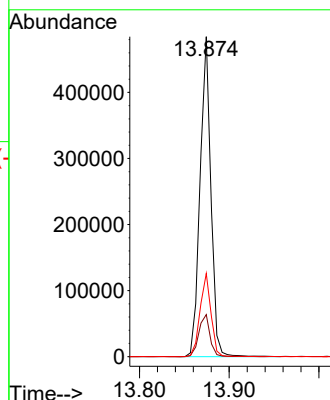
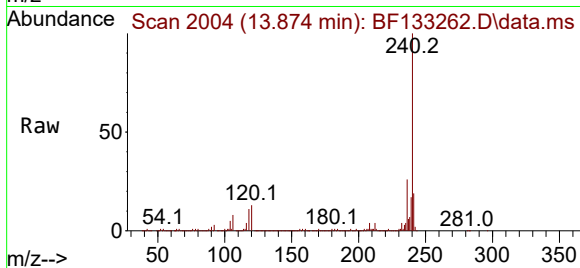
Tgt Ion:240 Resp: 405900

Ion Ratio Lower Upper

240 100

120 13.1 10.5 15.7

236 26.0 21.5 32.3



#79

Terphenyl-d14

Concen: 88.990 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF133262.D

Acq: 05 May 2023 14:00

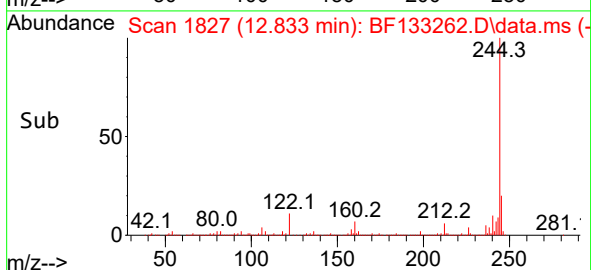
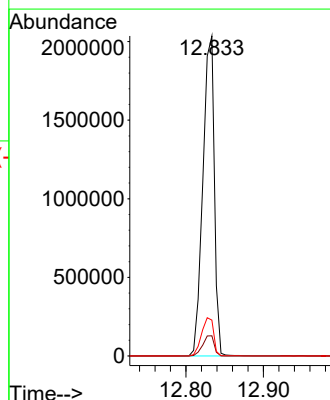
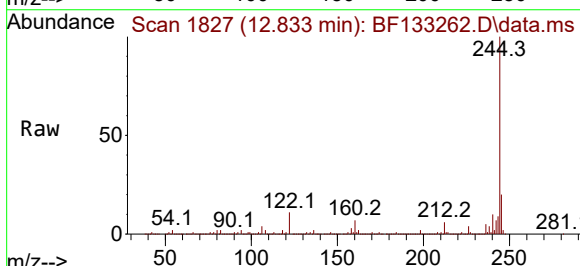
Tgt Ion:244 Resp: 2094375

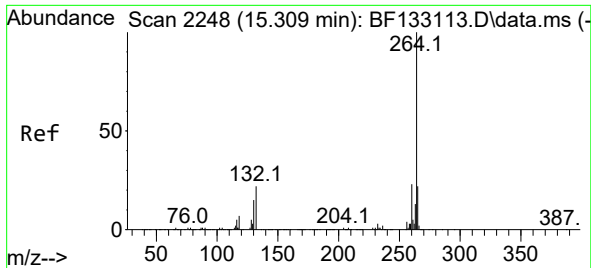
Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

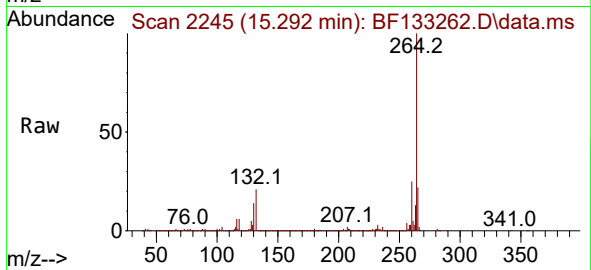
122 11.2 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133262.D
Acq: 05 May 2023 14:00

Instrument :
BNA_F
ClientSampleId :
MW-4-20230503



Tgt Ion:264 Resp: 378817

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	21.7	17.0	25.4

