

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
 Data File : BF137343.D
 Acq On : 08 Feb 2024 17:50
 Operator : CG\JU
 Sample : P1372-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CG-MW-17-ch6

Quant Time: Feb 09 01:37:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

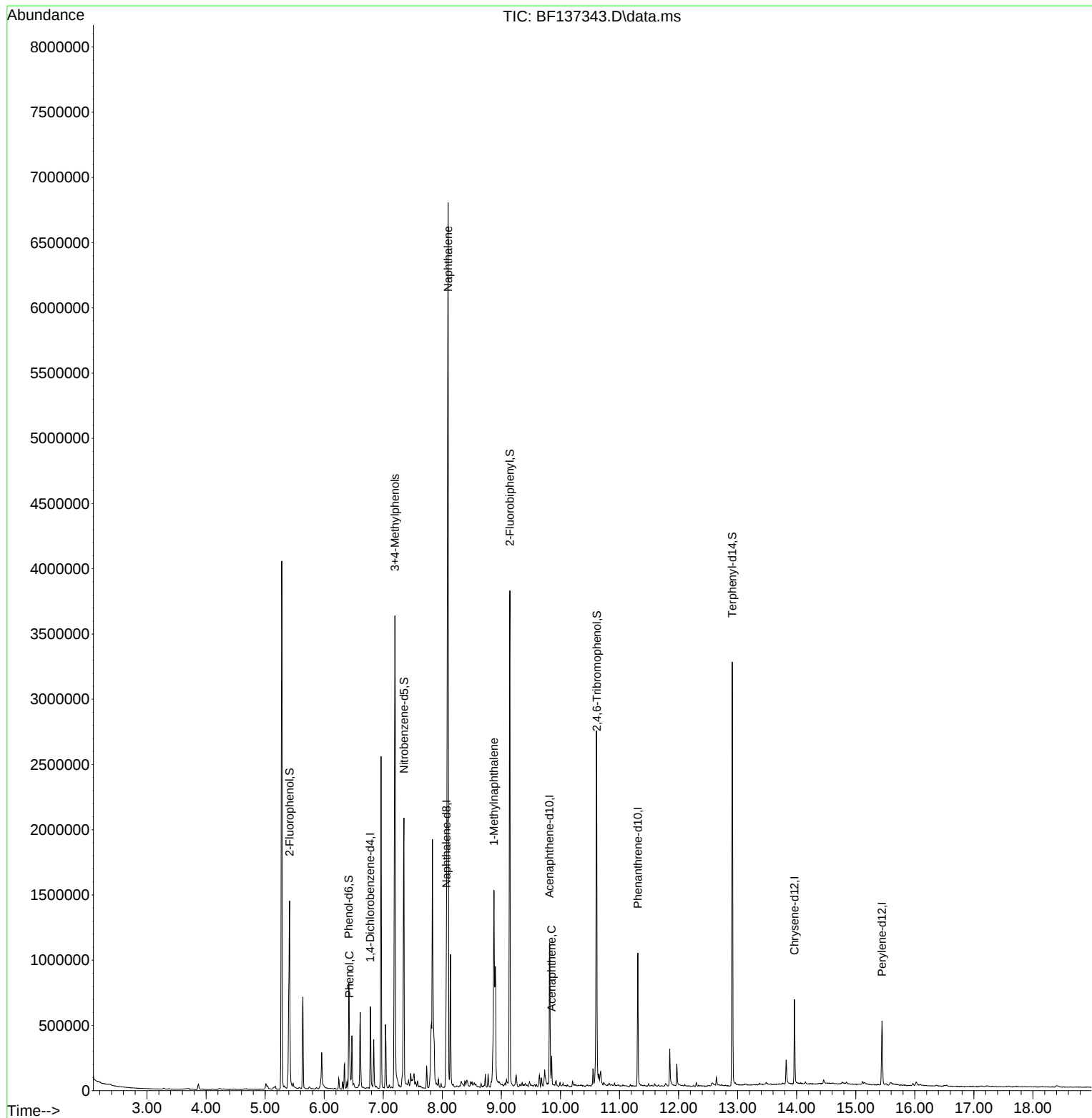
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	100396	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	381133	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	208440	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	358523	20.000	ng	0.00
76) Chrysene-d12	13.963	240	222236	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	242511	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	356051	58.520	ng	0.00
7) Phenol-d6	6.416	99	282857	32.576	ng	-0.01
23) Nitrobenzene-d5	7.351	82	765379	89.909	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	296564	125.982	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1235344	81.471	ng	0.00
79) Terphenyl-d14	12.910	244	1225678	74.976	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.428	94	72237	7.453	ng	96
20) 3+4-Methylphenols	7.198	107	1163884	161.766	ng	# 57
31) Naphthalene	8.098	128	3968855	192.620	ng	97
38) 1-Methylnaphthalene	8.875	142	252737	19.699	ng	98
52) Acenaphthene	9.851	154	42212	3.655	ng	97

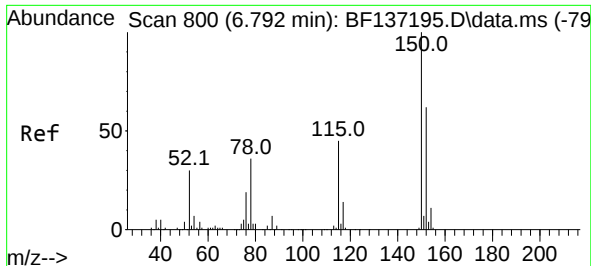
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137343.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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CG-MW-17-ch6

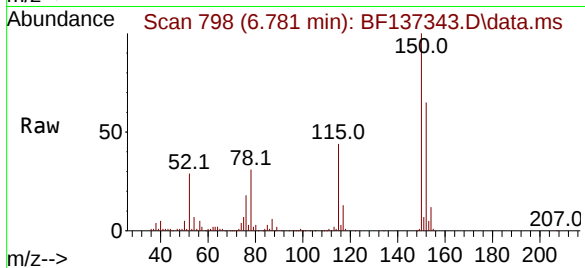
Quant Time: Feb 09 01:37:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration



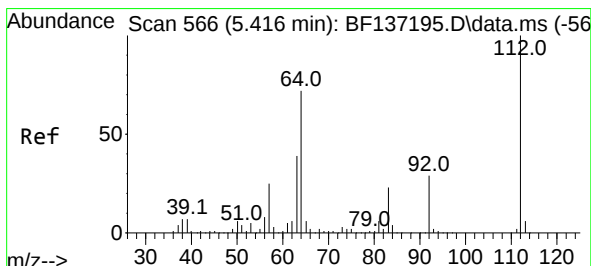
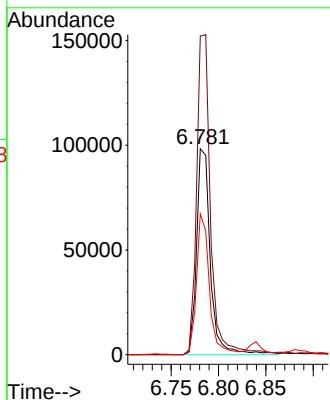
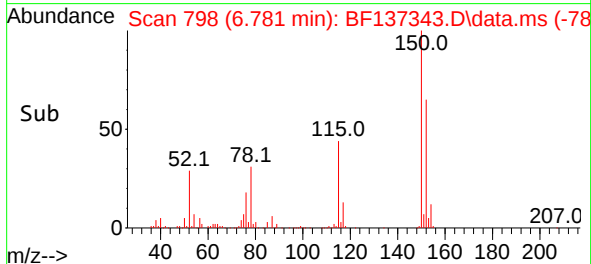


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137343.D
Acq: 08 Feb 2024 17:50

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch6

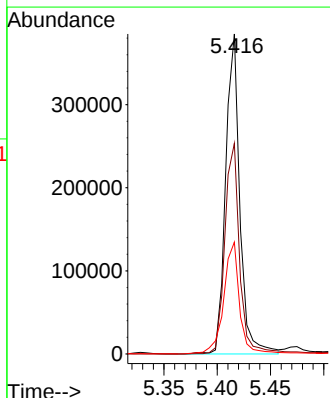
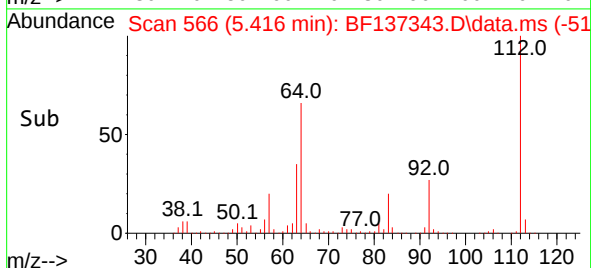
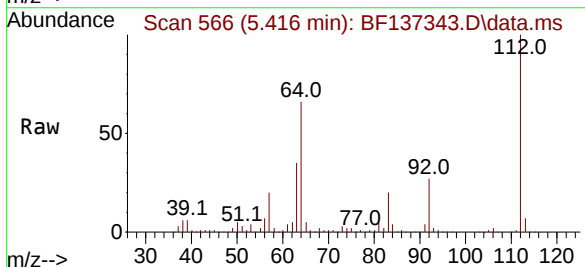


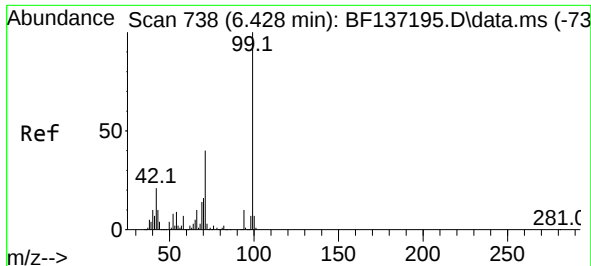
Tgt Ion:152 Resp: 100396
Ion Ratio Lower Upper
152 100
150 154.7 129.8 194.8
115 68.4 58.5 87.7



#5
2-Fluorophenol
Concen: 58.520 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF137343.D
Acq: 08 Feb 2024 17:50

Tgt Ion:112 Resp: 356051
Ion Ratio Lower Upper
112 100
64 65.8 57.8 86.6
63 35.0 31.4 47.0

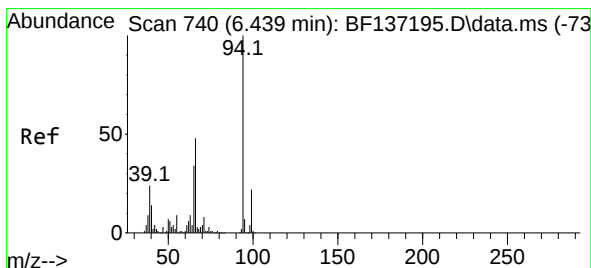
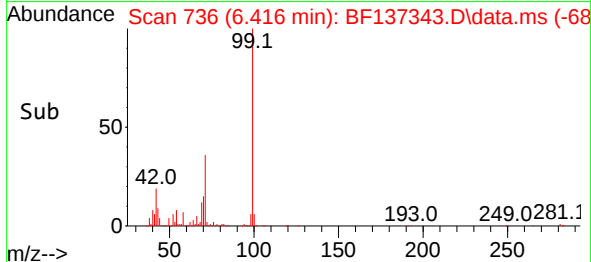
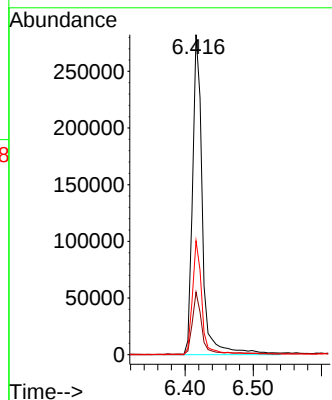
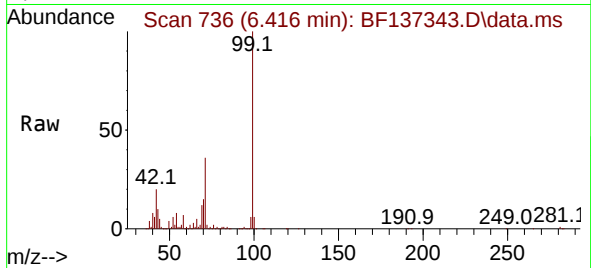




#7
Phenol-d6
Concen: 32.576 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137343.D
Acq: 08 Feb 2024 17:50

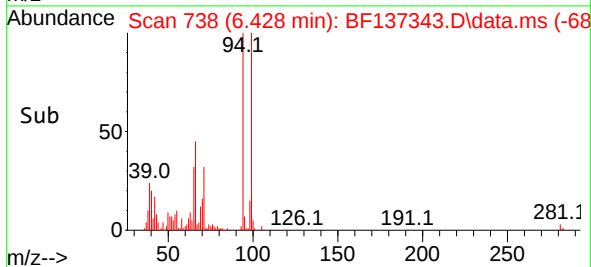
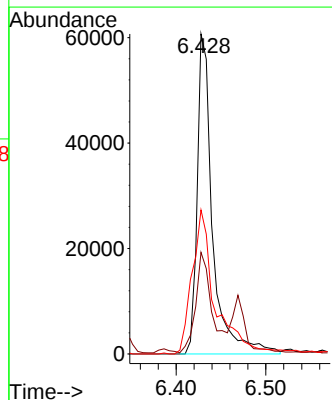
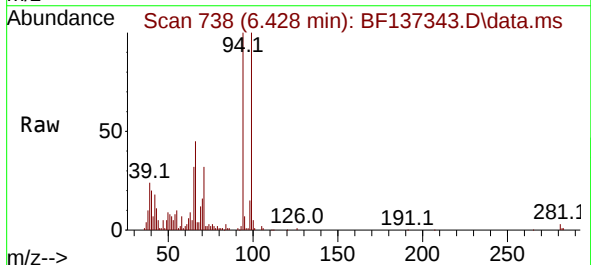
Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch6

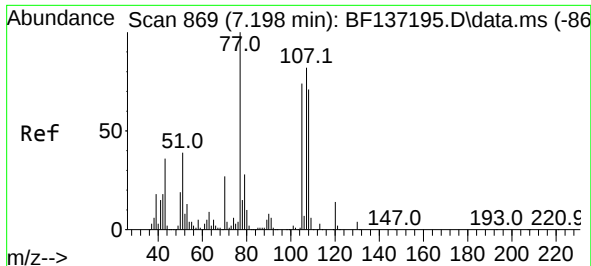
Tgt Ion: 99 Resp: 282857
Ion Ratio Lower Upper
99 100
42 19.6 16.4 24.6
71 35.6 32.4 48.6



#10
Phenol
Concen: 7.453 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.011 min
Lab File: BF137343.D
Acq: 08 Feb 2024 17:50

Tgt Ion: 94 Resp: 72237
Ion Ratio Lower Upper
94 100
65 31.8 13.7 53.7
66 45.0 27.8 67.8

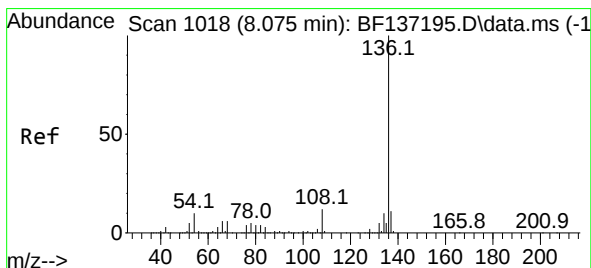
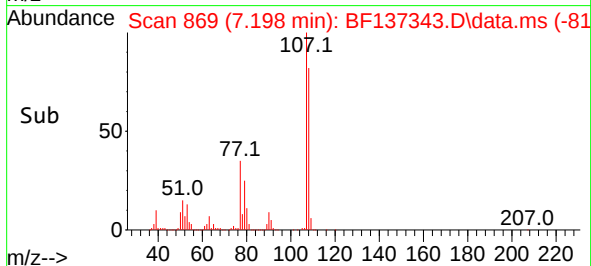
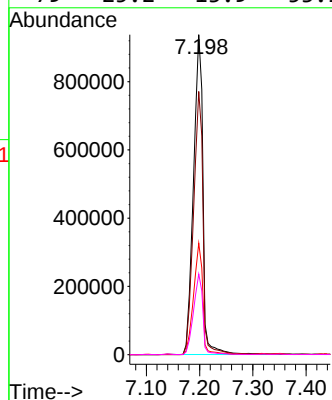
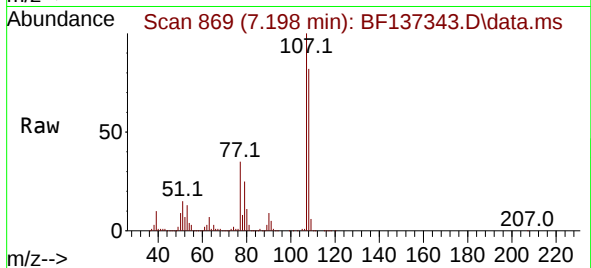




#20
3+4-Methylphenols
Concen: 161.766 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF137343.D
Acq: 08 Feb 2024 17:50

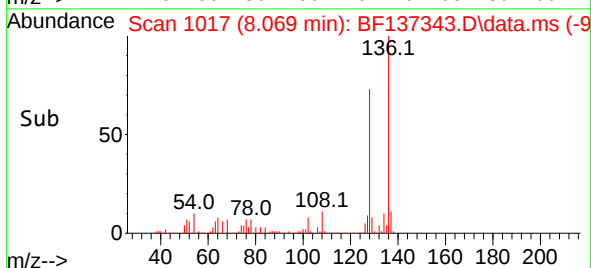
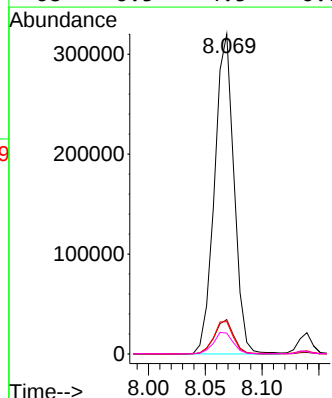
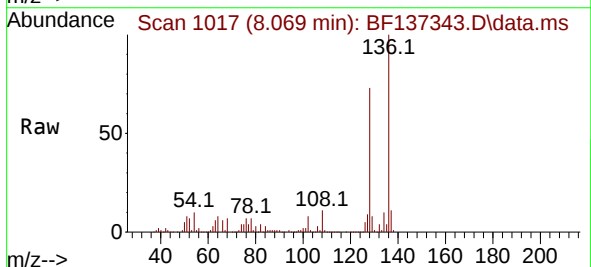
Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch6

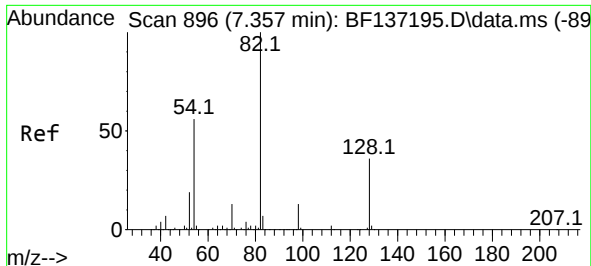
Tgt Ion:107 Resp: 1163884
Ion Ratio Lower Upper
107 100
108 82.3 66.3 106.3
77 34.8 101.4 141.4#
79 25.2 13.9 53.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137343.D
Acq: 08 Feb 2024 17:50

Tgt Ion:136 Resp: 381133
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.1 7.8 11.8
68 6.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 89.909 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137343.D

Acq: 08 Feb 2024 17:50

Instrument :

BNA_F

ClientSampleId :

CG-MW-17-ch6

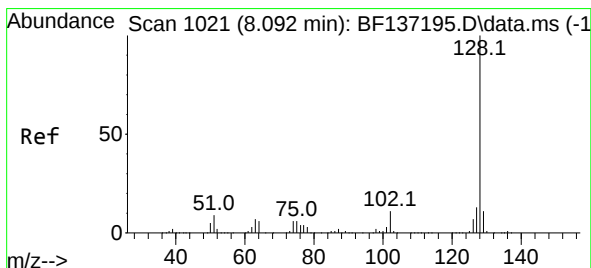
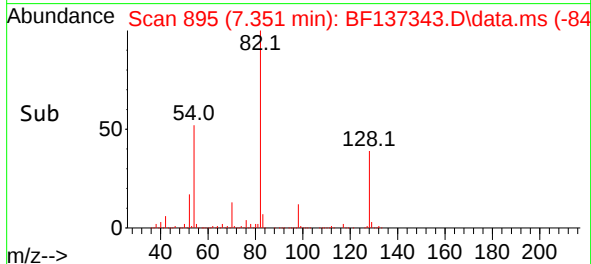
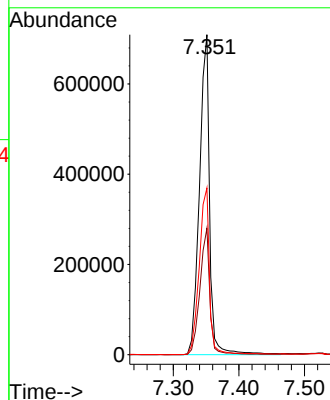
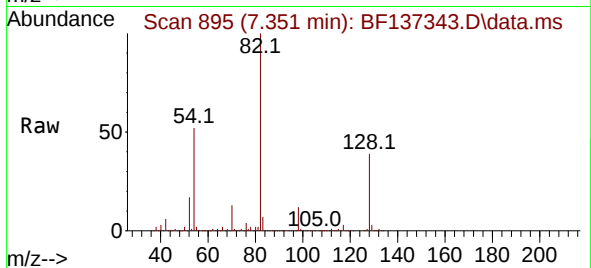
Tgt Ion: 82 Resp: 765379

Ion Ratio Lower Upper

82 100

128 39.5 29.1 43.7

54 52.1 45.0 67.6



#31

Naphthalene

Concen: 192.620 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF137343.D

Acq: 08 Feb 2024 17:50

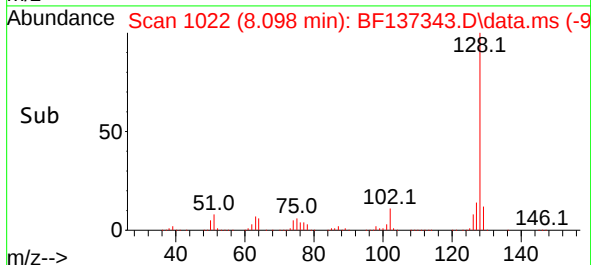
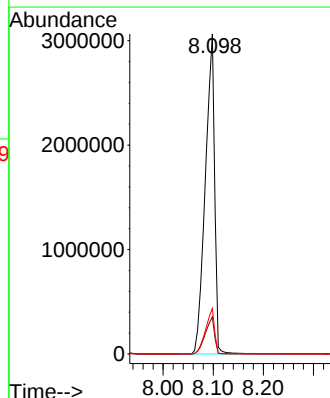
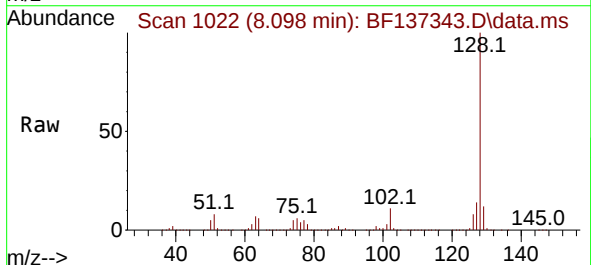
Tgt Ion: 128 Resp: 3968855

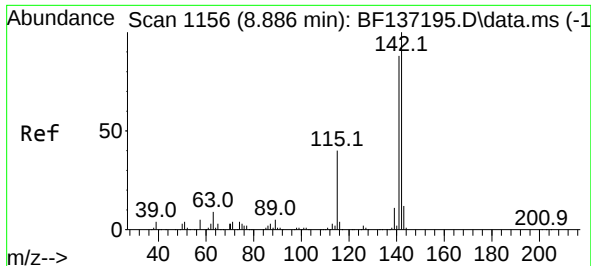
Ion Ratio Lower Upper

128 100

129 11.6 8.5 12.7

127 14.3 10.5 15.7

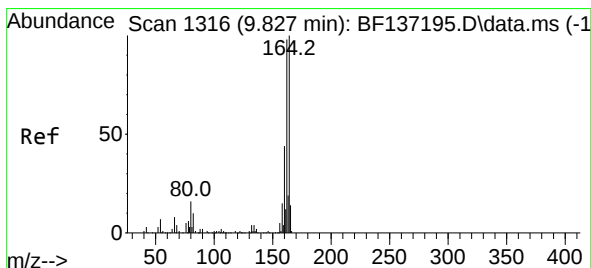
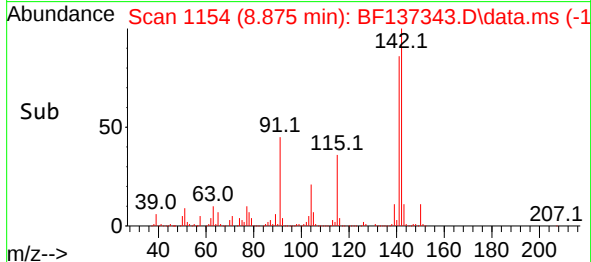
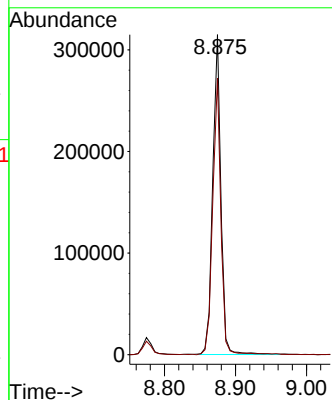
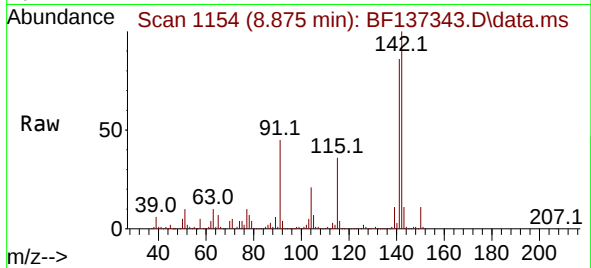




#38
1-Methylnaphthalene
Concen: 19.699 ng
RT: 8.875 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BF137343.D
Acq: 08 Feb 2024 17:50

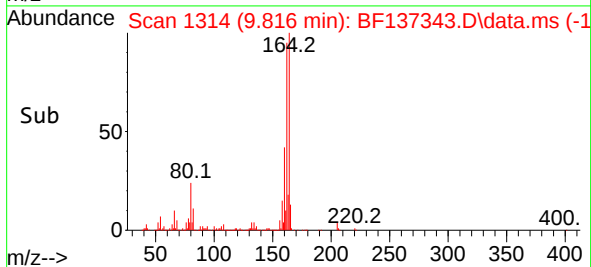
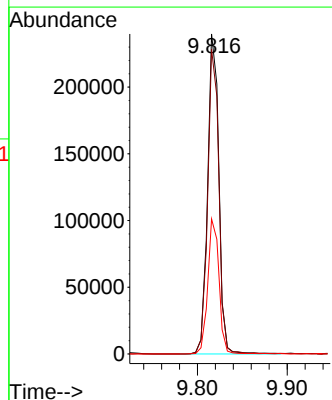
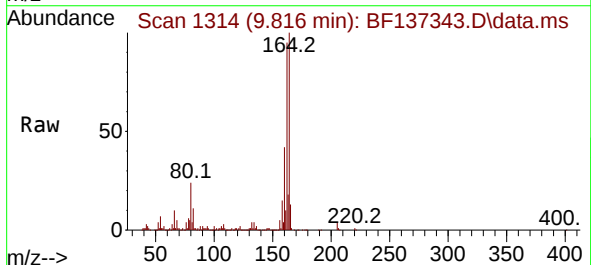
Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch6

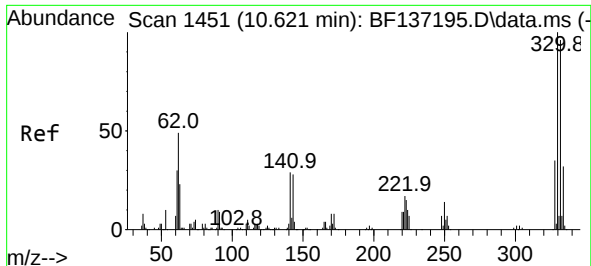
Tgt Ion:142 Resp: 252737
Ion Ratio Lower Upper
142 100
141 86.4 70.6 105.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF137343.D
Acq: 08 Feb 2024 17:50

Tgt Ion:164 Resp: 208440
Ion Ratio Lower Upper
164 100
162 95.3 78.3 117.5
160 42.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 125.982 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137343.D

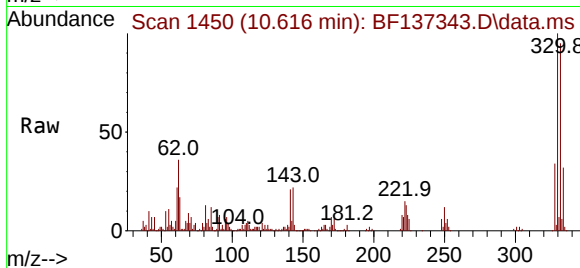
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Instrument :

BNA_F

ClientSampleId :

CG-MW-17-ch6



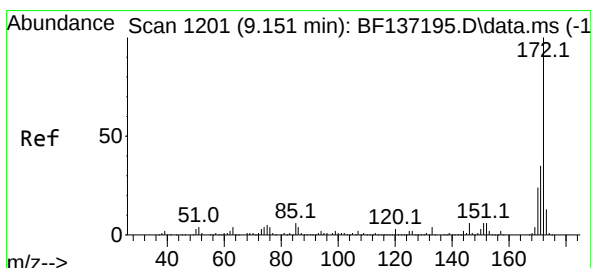
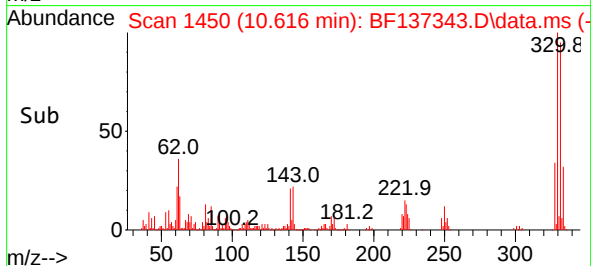
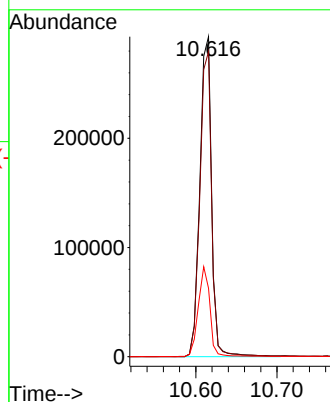
Tgt Ion:330 Resp: 296564

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 27.9 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 81.471 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137343.D

Acq: 08 Feb 2024 17:50

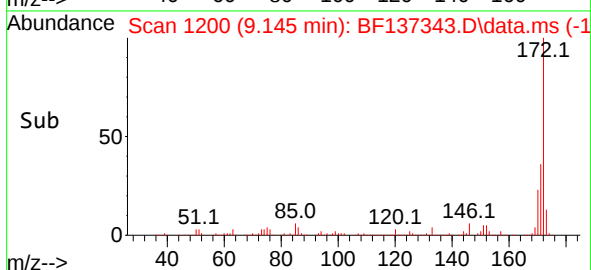
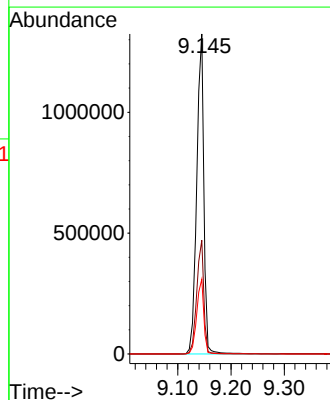
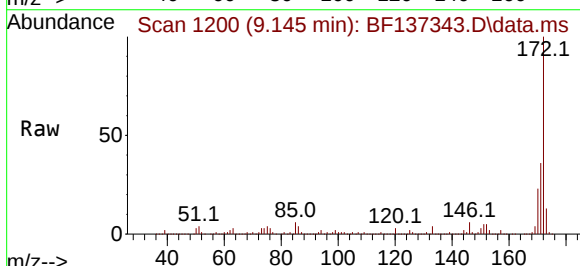
Tgt Ion:172 Resp: 1235344

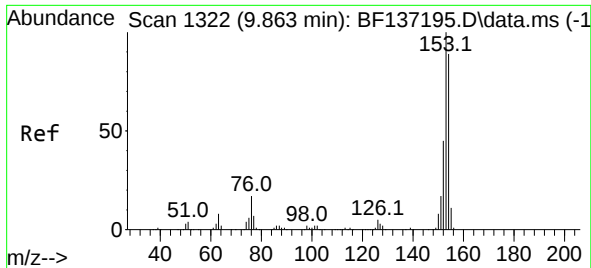
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 19.1 28.7

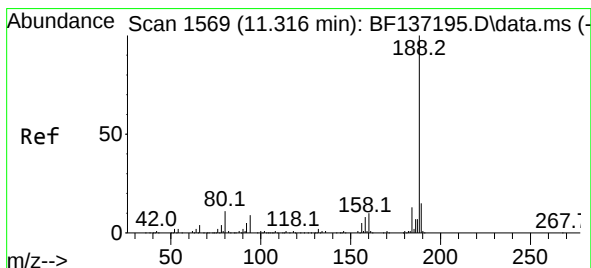
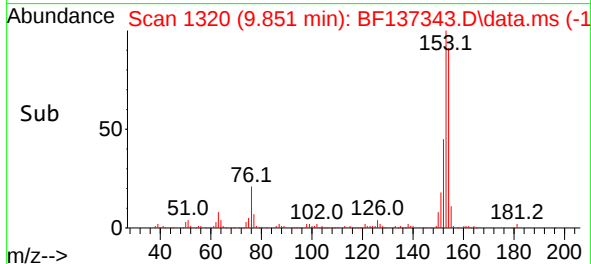
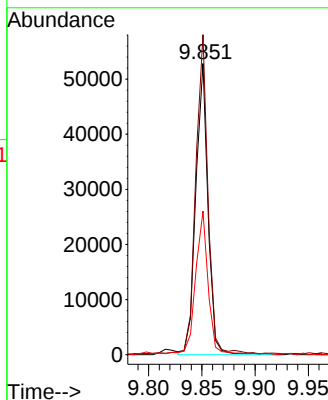
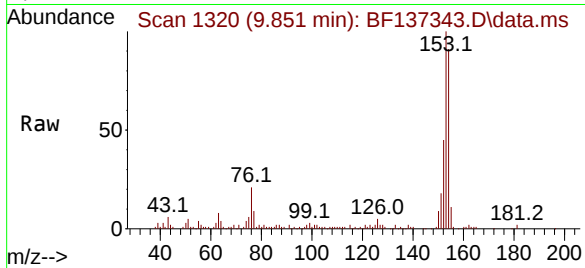




#52
Acenaphthene
Concen: 3.655 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137343.D
Acq: 08 Feb 2024 17:50

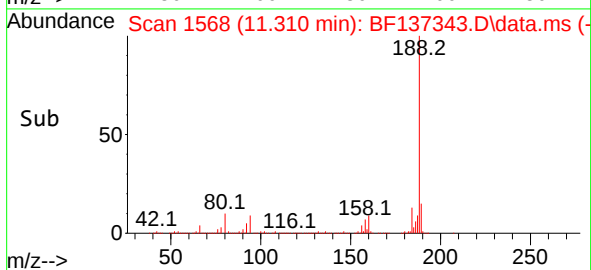
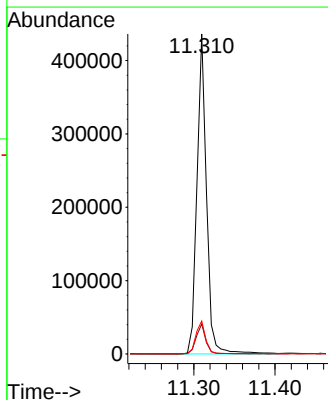
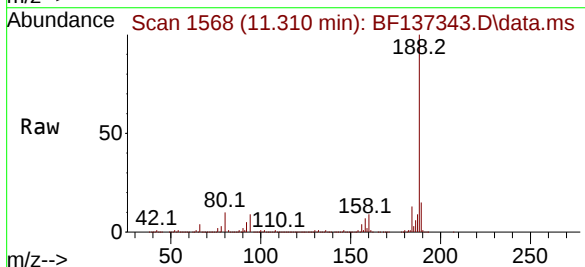
Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch6

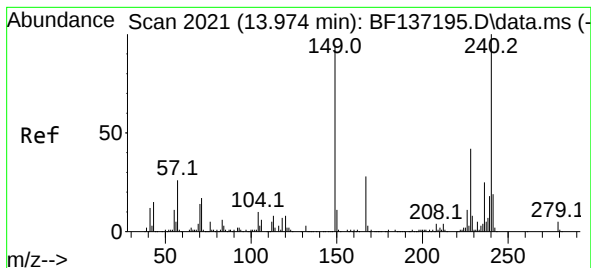
Tgt Ion:154 Resp: 42212
Ion Ratio Lower Upper
154 100
153 109.9 90.2 135.4
152 49.3 40.6 60.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137343.D
Acq: 08 Feb 2024 17:50

Tgt Ion:188 Resp: 358523
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 10.3 8.8 13.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137343.D

Acq: 08 Feb 2024 17:50

Instrument :

BNA_F

ClientSampleId :

CG-MW-17-ch6

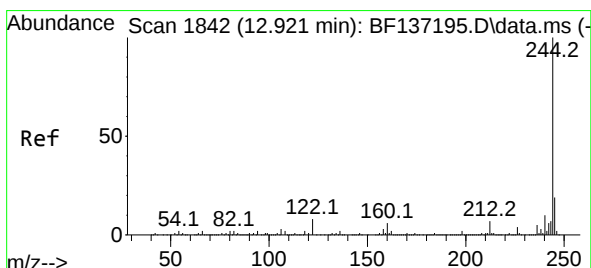
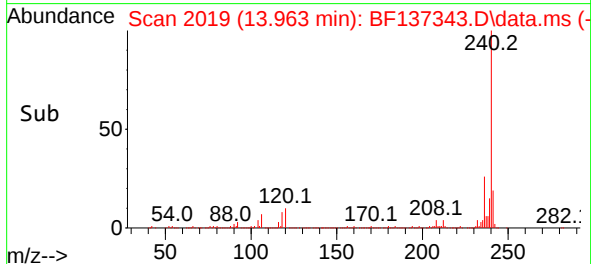
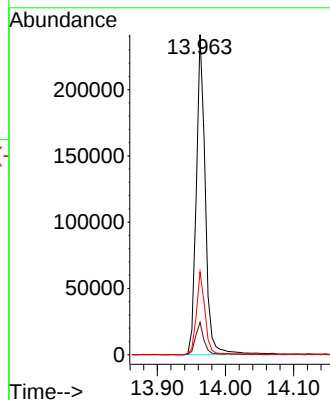
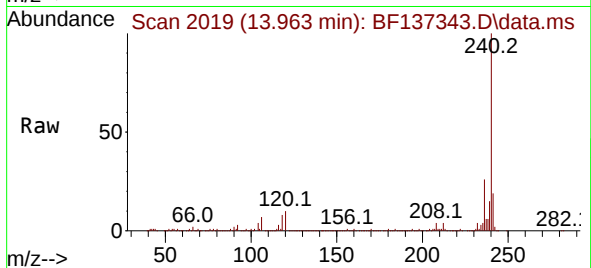
Tgt Ion:240 Resp: 222236

Ion Ratio Lower Upper

240 100

120 10.1 6.3 9.5#

236 25.9 20.3 30.5



#79

Terphenyl-d14

Concen: 74.976 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF137343.D

Acq: 08 Feb 2024 17:50

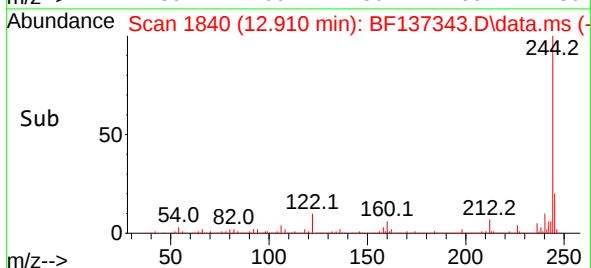
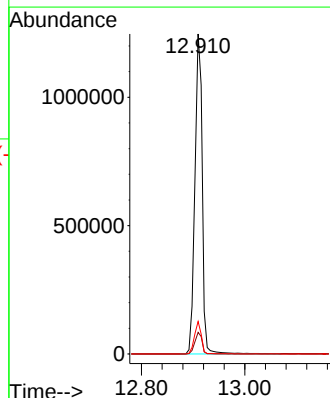
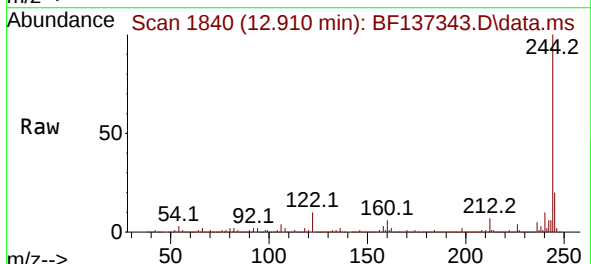
Tgt Ion:244 Resp: 1225678

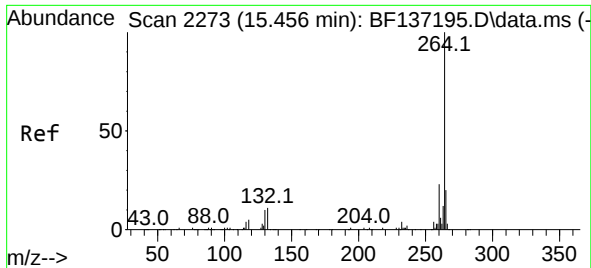
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 10.2 6.2 9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137343.D
Acq: 08 Feb 2024 17:50

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch6

Tgt Ion:264 Resp: 242511

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.2	16.2	24.2

