

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
 Data File : BF137834.D
 Acq On : 03 May 2024 17:49
 Operator : CG\JU
 Sample : P2355-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16173

Quant Time: May 04 00:24:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

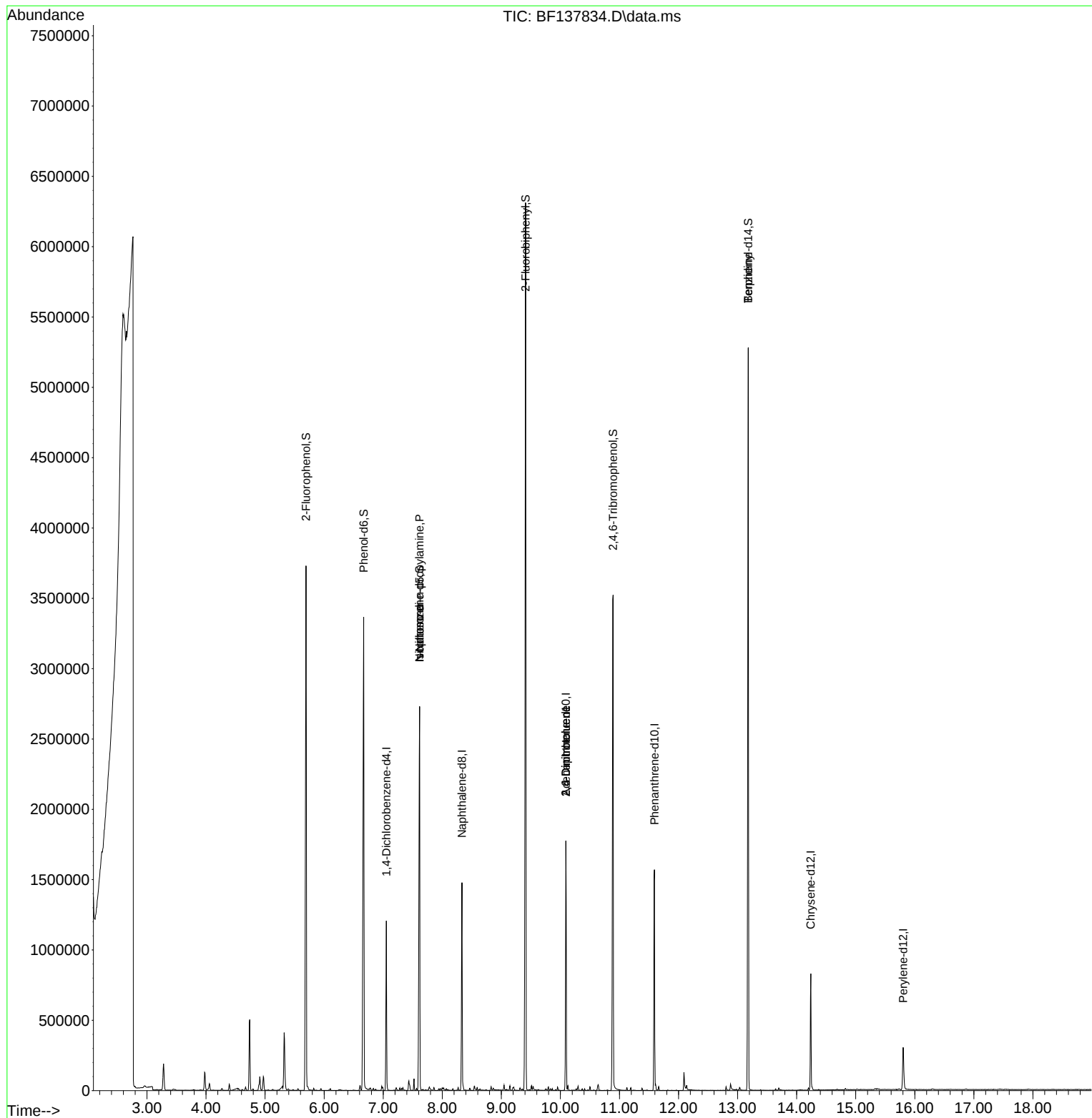
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	161100	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	658410	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	364250	20.000	ng	-0.02
64) Phenanthrene-d10	11.592	188	594343	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	261005	20.000	ng	#-0.01
86) Perylene-d12	15.804	264	133896	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1213689	126.137	ng	0.02
7) Phenol-d6	6.669	99	1378539	112.953	ng	0.00
23) Nitrobenzene-d5	7.616	82	1017631	89.796	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	547242	147.144	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	2145672	95.568	ng	-0.01
79) Terphenyl-d14	13.180	244	1884285	120.986	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.616	70	135884	18.631	ng	# 76
25) Isophorone	7.616	82	1017631	49.803	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	46921	8.929	ng	# 27
57) 2,4-Dinitrotoluene	10.092	165	46921	6.834	ng	# 26
77) Benzidine	13.180	184	23031	3.815	ng	# 93

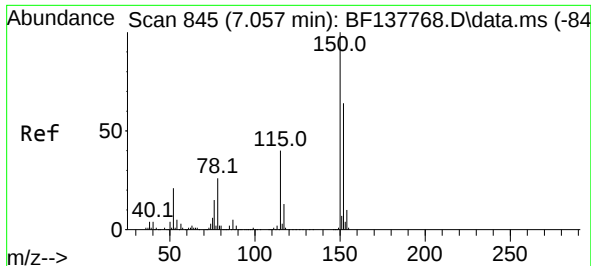
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

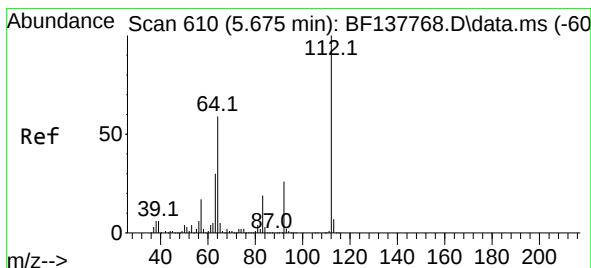
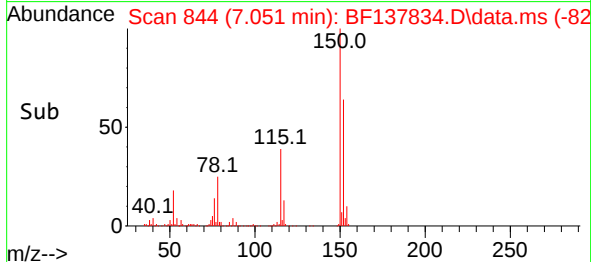
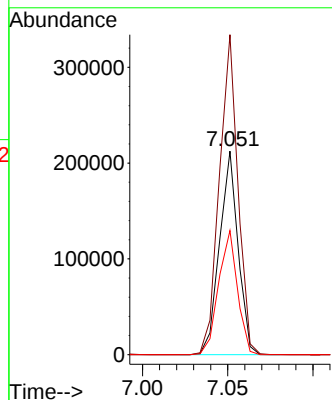
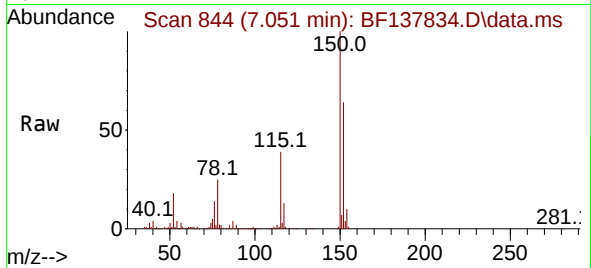




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

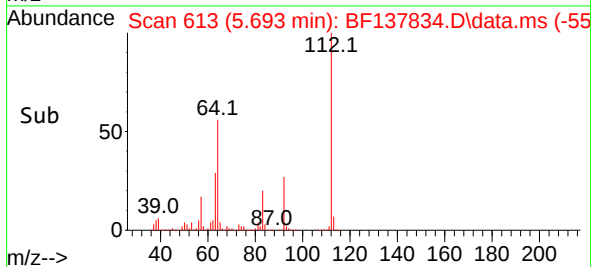
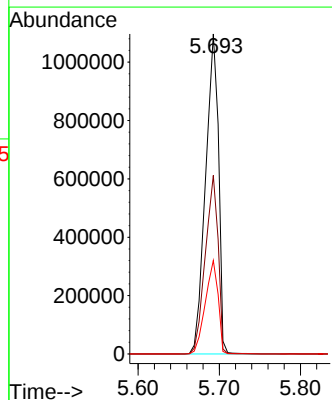
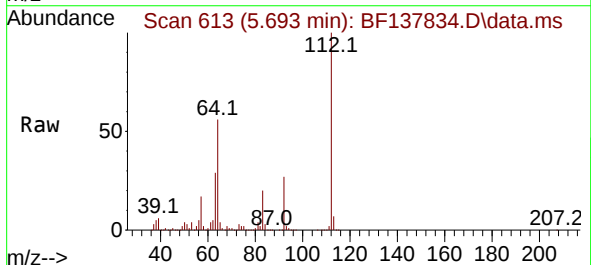
Instrument :
BNA_F
ClientSampleId :
VB16173

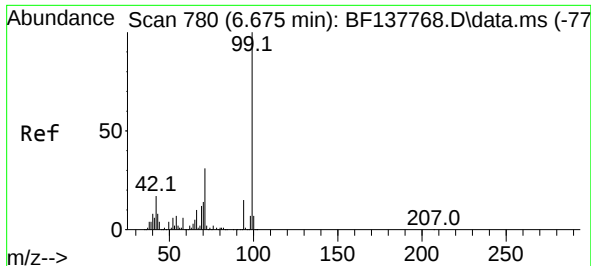
Tgt Ion:152 Resp: 161100
Ion Ratio Lower Upper
152 100
150 157.2 124.1 186.1
115 61.0 49.1 73.7



#5
2-Fluorophenol
Concen: 126.137 ng
RT: 5.693 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

Tgt Ion:112 Resp: 1213689
Ion Ratio Lower Upper
112 100
64 55.8 47.3 70.9
63 29.2 23.7 35.5

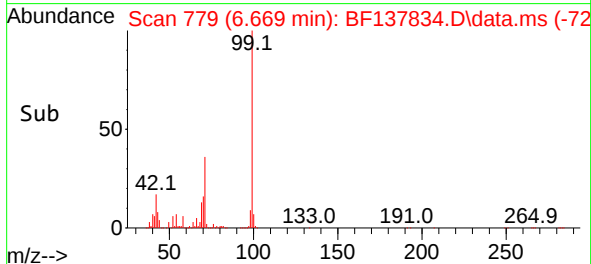
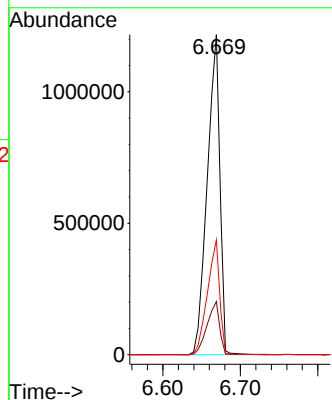
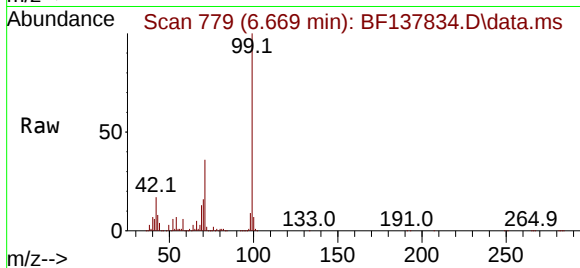




#7
Phenol-d6
Concen: 112.953 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

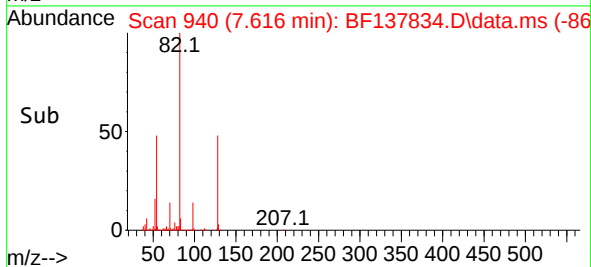
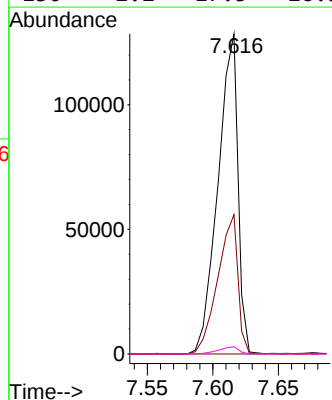
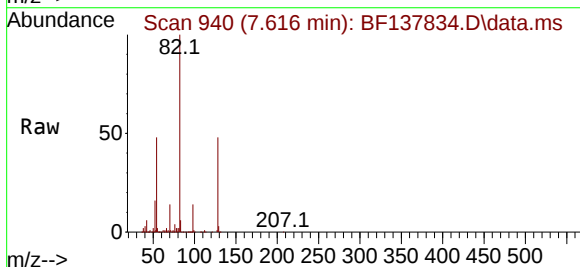
Instrument :
BNA_F
ClientSampleId :
VB16173

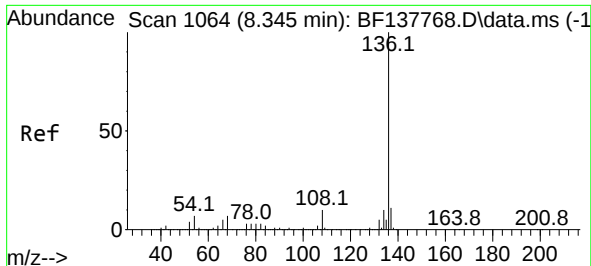
Tgt Ion: 99 Resp: 1378539
Ion Ratio Lower Upper
99 100
42 16.6 13.2 19.8
71 35.9 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.631 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

Tgt Ion: 70 Resp: 135884
Ion Ratio Lower Upper
70 100
42 43.6 44.6 66.8#
101 0.0 7.8 11.6#
130 2.2 17.5 26.3#



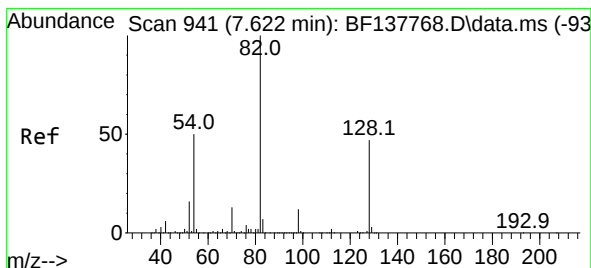
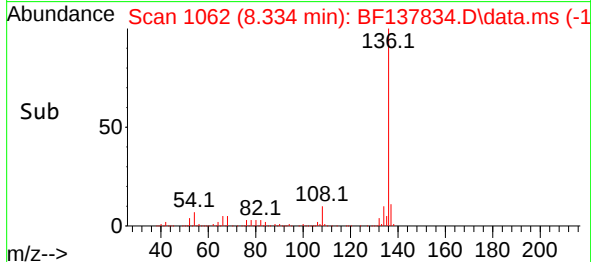
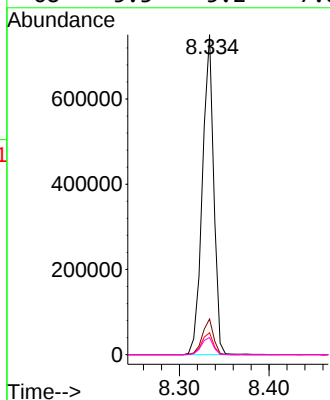
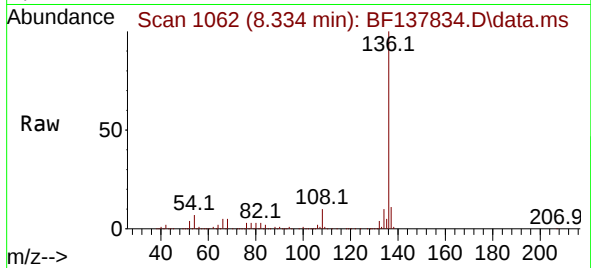


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1064
Delta R.T. -0.012 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VB16173

Tgt Ion:136 Resp: 658410

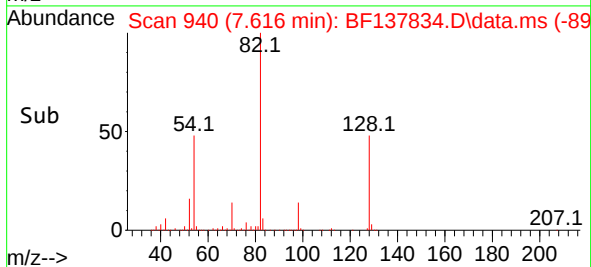
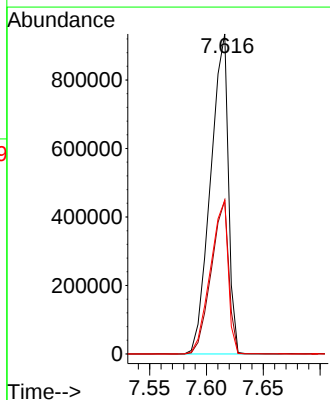
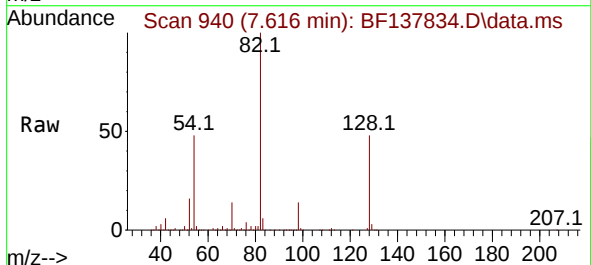
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.9	5.8	8.8
68	5.3	5.2	7.8

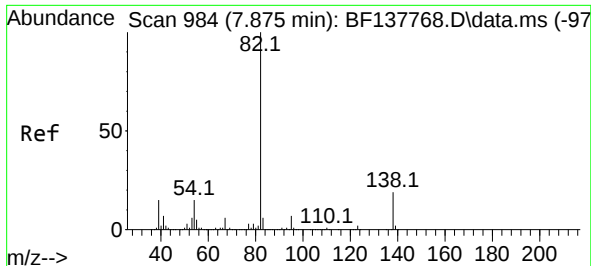


#23
Nitrobenzene-d5
Concen: 89.796 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

Tgt Ion: 82 Resp: 1017631

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.5	56.3
54	48.0	39.8	59.6

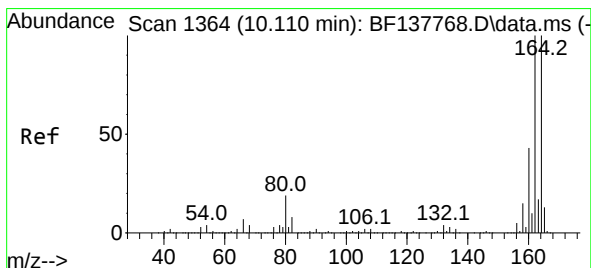
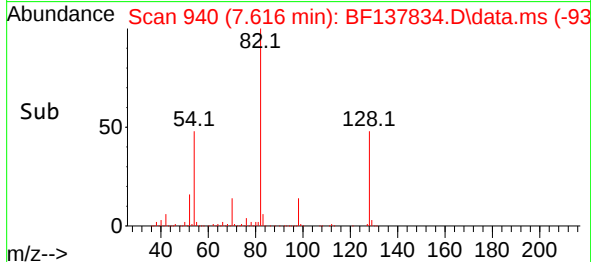
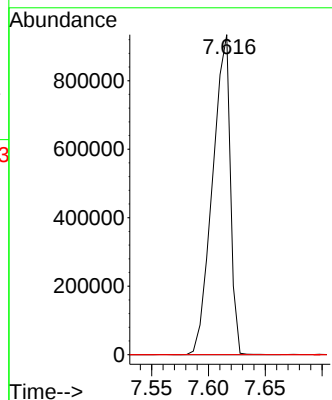
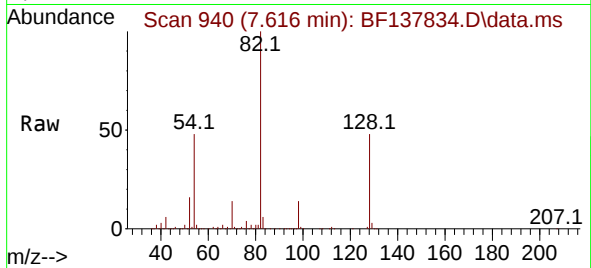




#25
Isophorone
Concen: 49.803 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.259 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

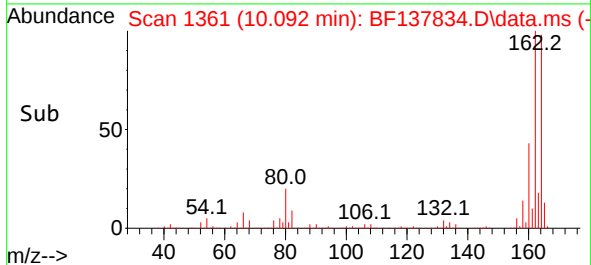
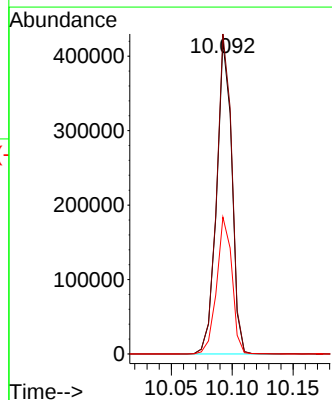
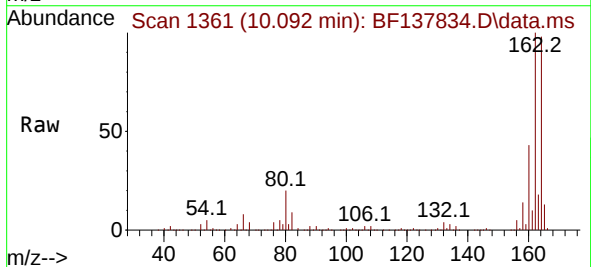
Instrument :
BNA_F
ClientSampleId :
VB16173

Tgt Ion: 82 Resp: 1017631
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

Tgt Ion:164 Resp: 364250
Ion Ratio Lower Upper
164 100
162 102.3 79.8 119.6
160 43.8 34.4 51.6

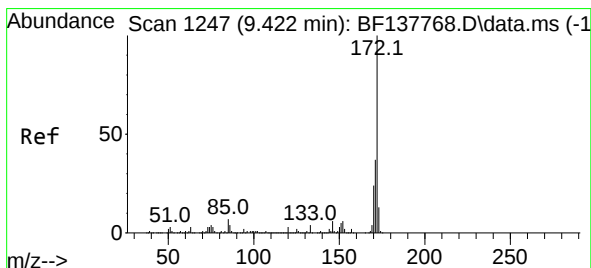
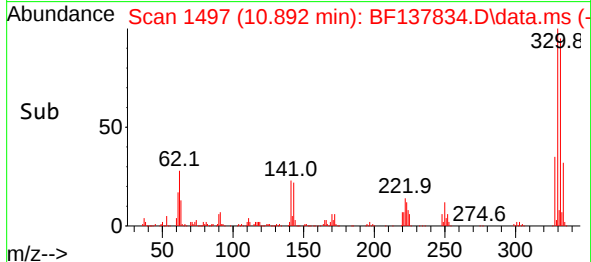
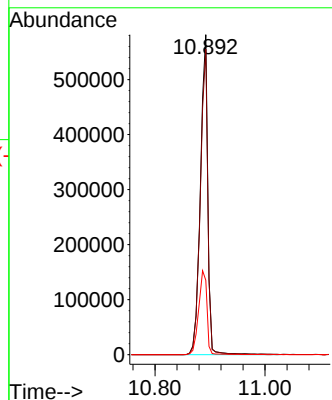
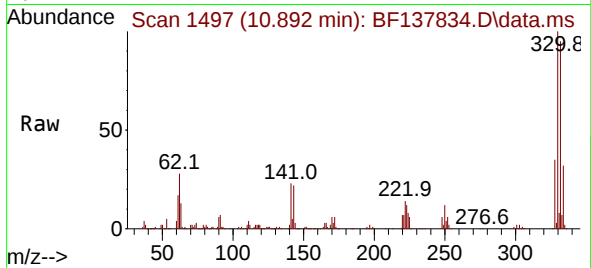




#42
2,4,6-Tribromophenol
Concen: 147.144 ng
RT: 10.892 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

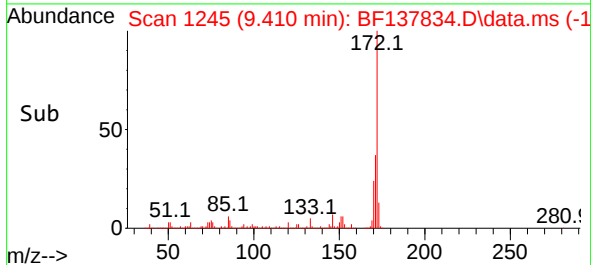
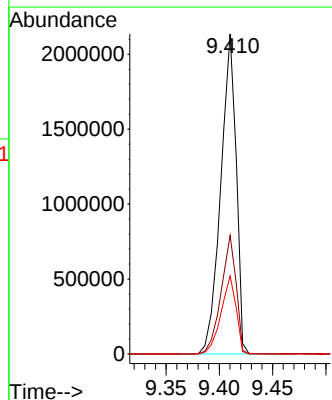
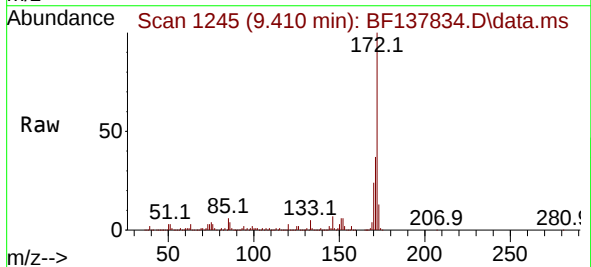
Instrument :
BNA_F
ClientSampleId :
VB16173

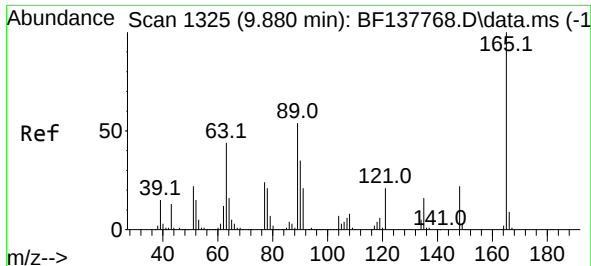
Tgt Ion:330 Resp: 547242
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 29.5 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 95.568 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

Tgt Ion:172 Resp: 2145672
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.4 19.4 29.2

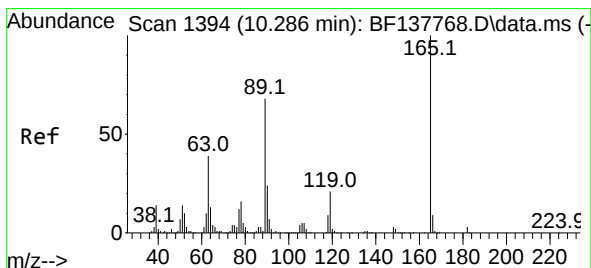
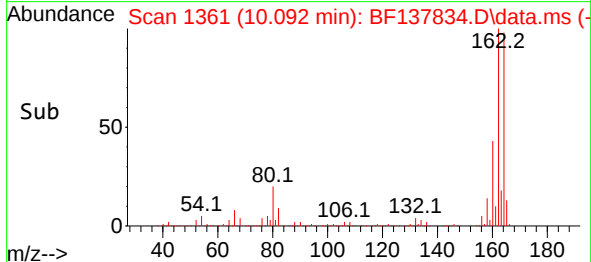
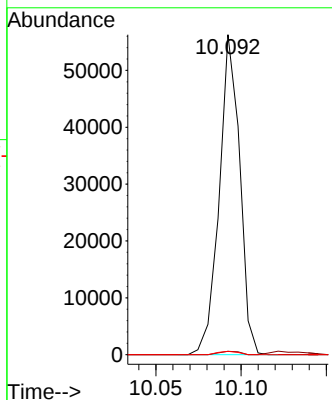
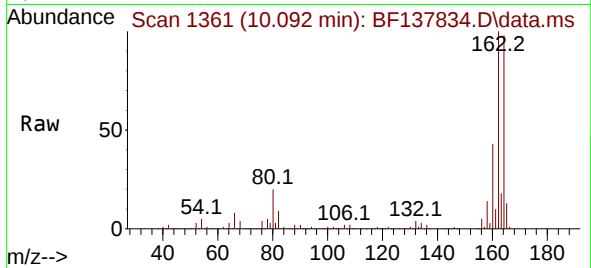




#51
2,6-Dinitrotoluene
Concen: 8.929 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

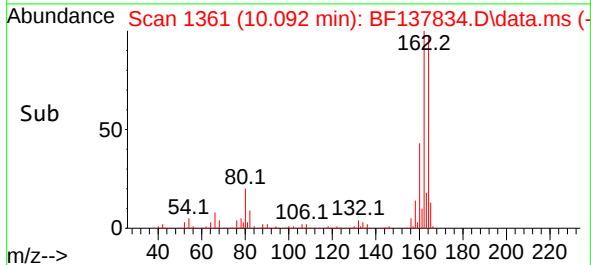
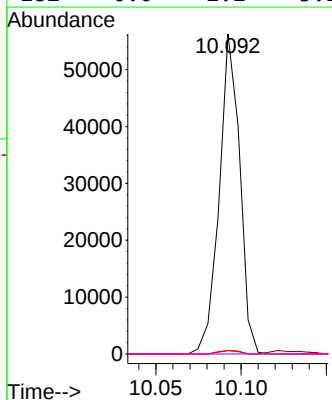
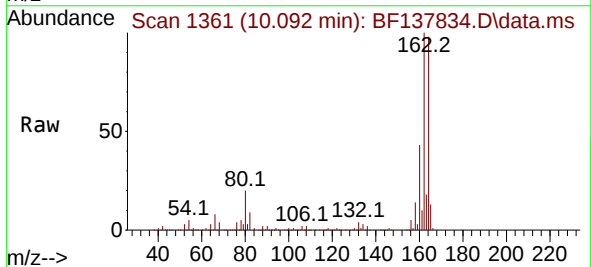
Instrument :
BNA_F
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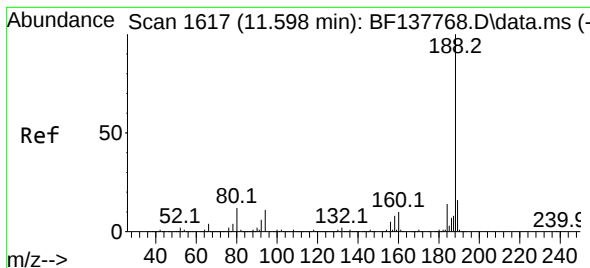
Tgt Ion:165 Resp: 46921
Ion Ratio Lower Upper
165 100
63 1.0 41.9 62.9#
89 1.1 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.834 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

Tgt Ion:165 Resp: 46921
Ion Ratio Lower Upper
165 100
63 1.0 31.3 46.9#
89 1.1 54.2 81.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137834.D

Acq: 03 May 2024 17:49

Instrument :

BNA_F

ClientSampleId :

VB16173

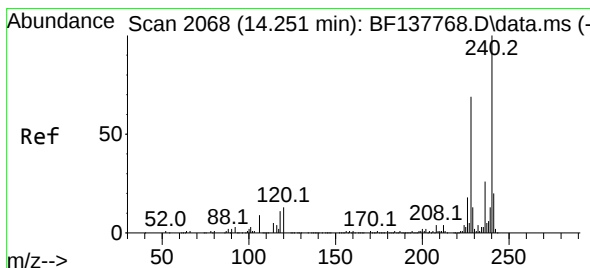
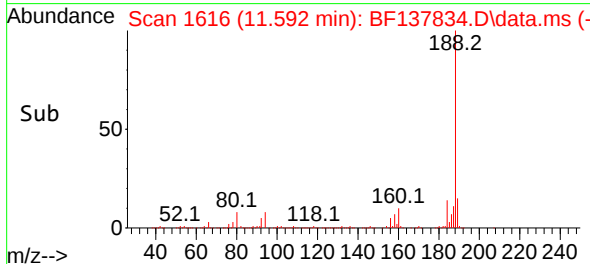
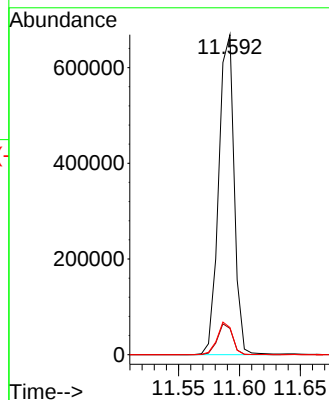
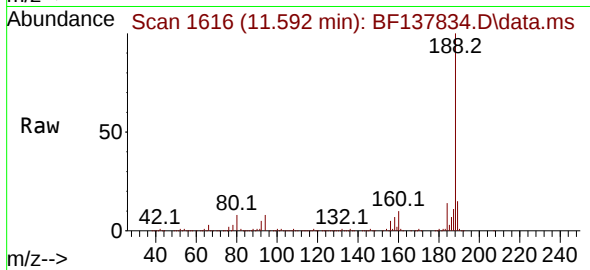
Tgt Ion:188 Resp: 594343

Ion Ratio Lower Upper

188 100

94 8.2 8.8 13.2#

80 8.5 9.6 14.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF137834.D

Acq: 03 May 2024 17:49

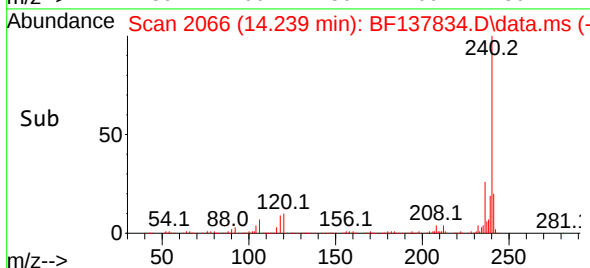
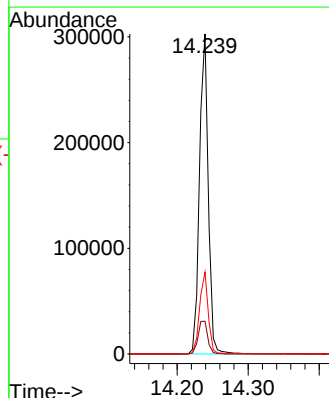
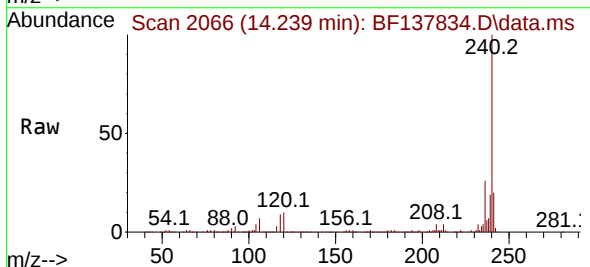
Tgt Ion:240 Resp: 261005

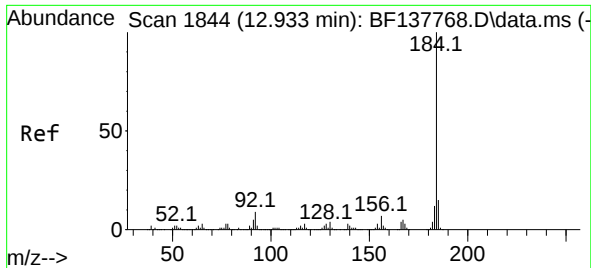
Ion Ratio Lower Upper

240 100

120 10.3 10.4 15.6#

236 25.6 20.4 30.6

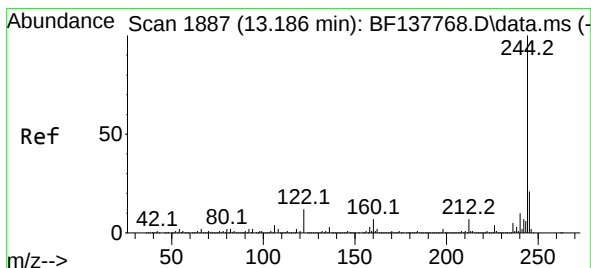
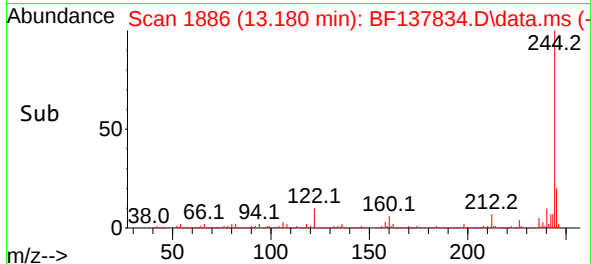
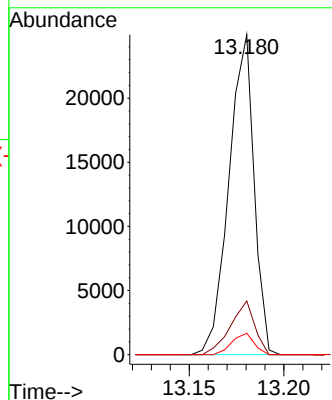
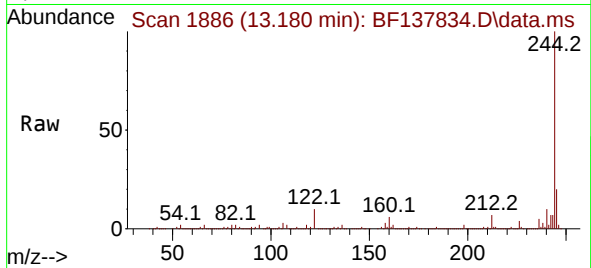




#77
Benzidine
Concen: 3.815 ng
RT: 13.180 min Scan# 1886
Delta R.T. 0.247 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

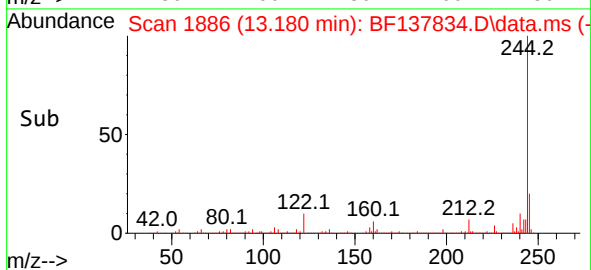
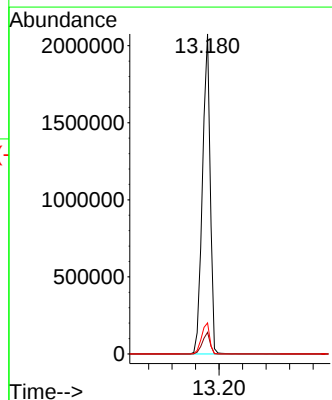
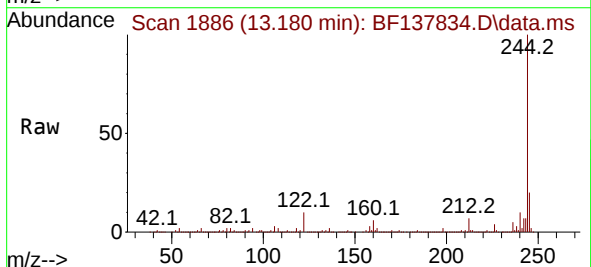
Instrument :
BNA_F
ClientSampleId :
VB16173

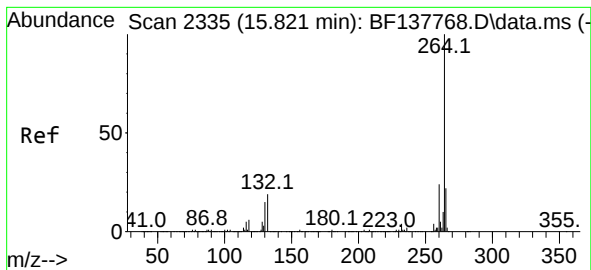
Tgt Ion:184 Resp: 23031
Ion Ratio Lower Upper
184 100
185 16.8 12.3 18.5
183 6.7 9.2 13.8#



#79
Terphenyl-d14
Concen: 120.986 ng
RT: 13.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

Tgt Ion:244 Resp: 1884285
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 9.7 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.804 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF137834.D

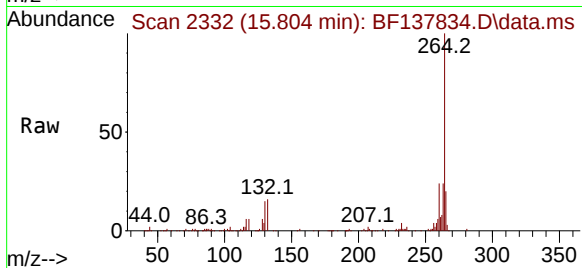
Acq: 03 May 2024 17:49

Instrument :

BNA_F

ClientSampleId :

VB16173



Tgt Ion:264 Resp: 133896

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 20.4 17.4 26.0

