

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137727.D
 Acq On : 24 Apr 2024 19:57
 Operator : CG\JU
 Sample : P2116-02RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

Quant Time: Apr 25 04:20:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

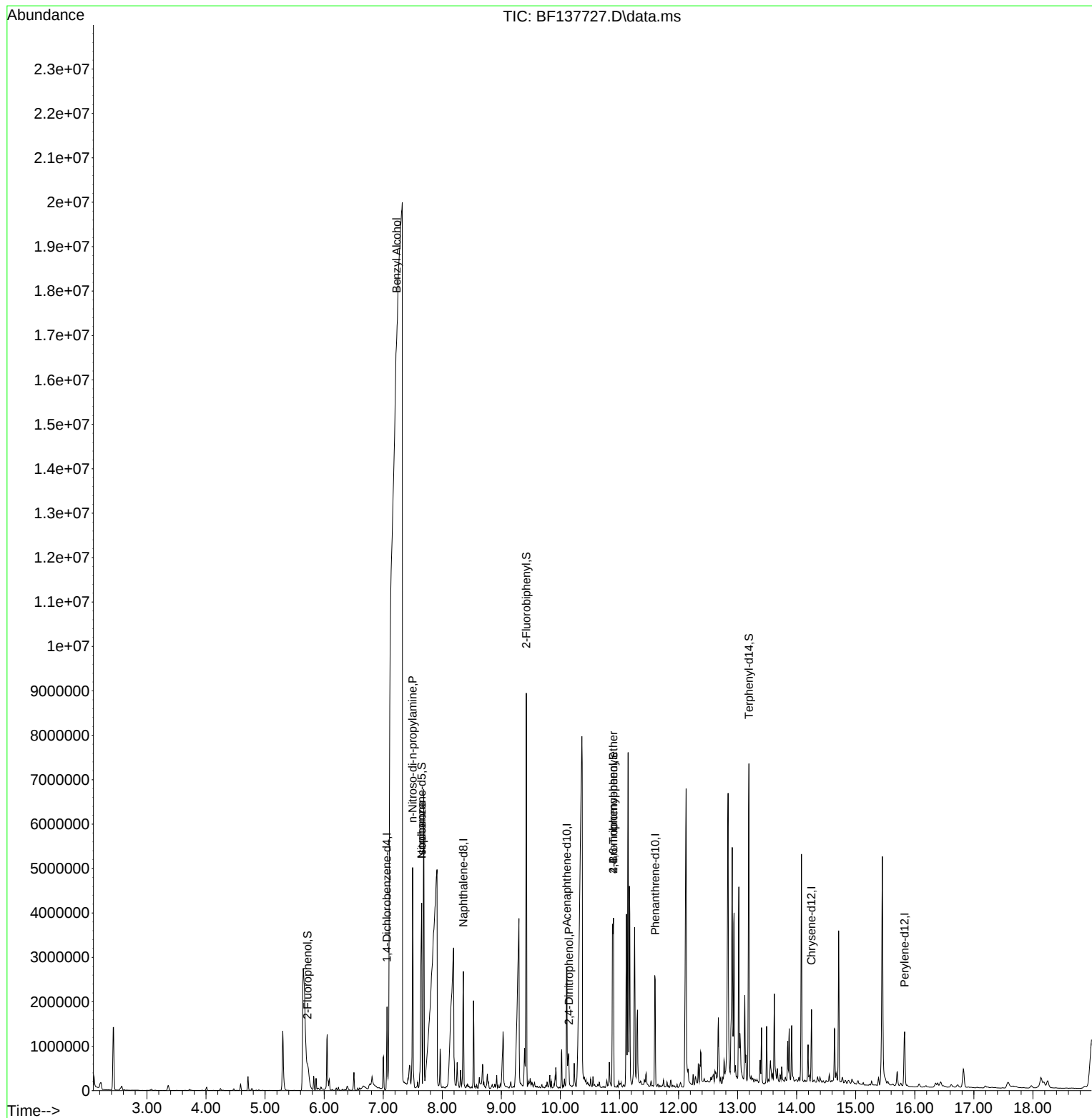
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	264701	20.000	ng	0.00
21) Naphthalene-d8	8.357	136	1040585	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	558885	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	913674	20.000	ng	# 0.00
76) Chrysene-d12	14.251	240	492691	20.000	ng	0.00
86) Perylene-d12	15.827	264	593786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.716	112	566622	32.517	ng	0.04
7) Phenol-d6	6.669	99	8986	0.406	ng	0.00
23) Nitrobenzene-d5	7.651	82	1400482	71.443	ng	0.02
42) 2,4,6-Tribromophenol	10.898	330	431064	76.436	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2735869	73.145	ng	0.00
79) Terphenyl-d14	13.192	244	2409153	78.704	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.228	79	101140	6.110	ng	# 36
19) n-Nitroso-di-n-propyla...	7.498	70	357206	24.963	ng	# 63
25) Isophorone	7.651	82	1399554	38.442	ng	# 64
54) 2,4-Dinitrophenol	10.145	184	71	5.605	ng	# 17
67) 4-Bromophenyl-phenylether	10.898	248	29004	2.740	ng	# 1

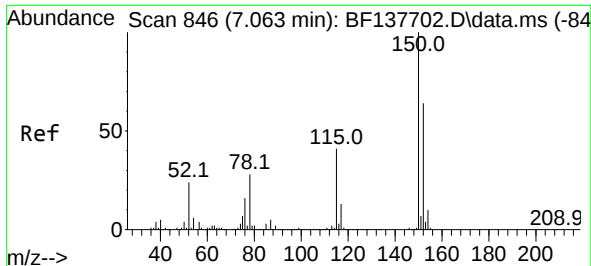
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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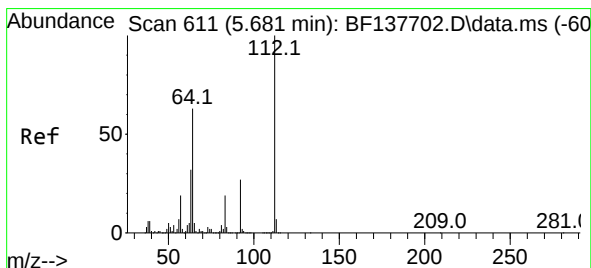
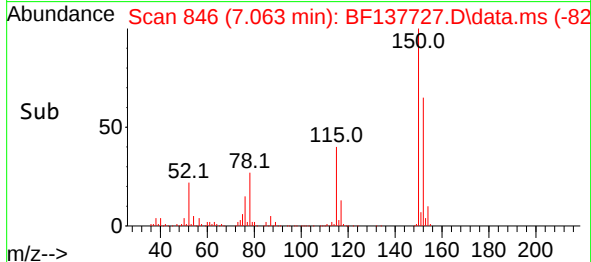
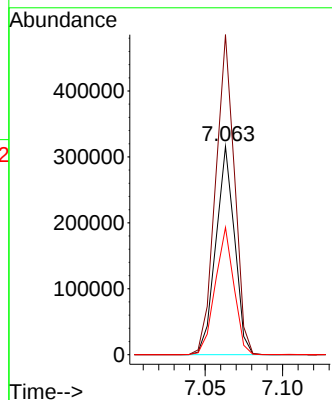
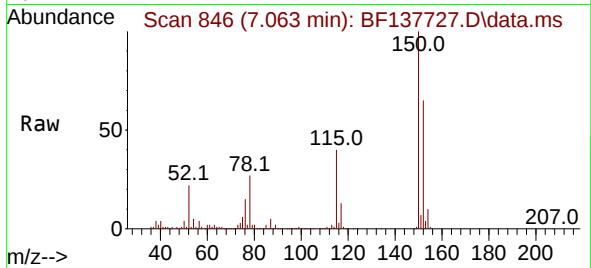




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

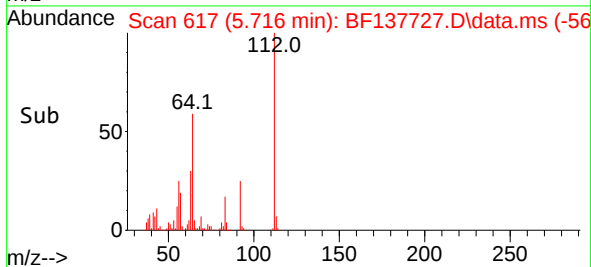
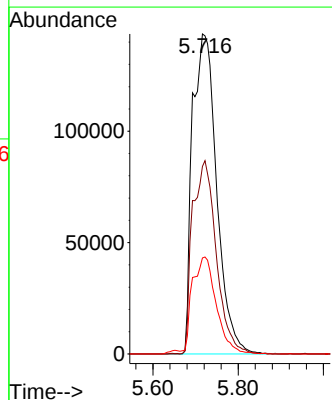
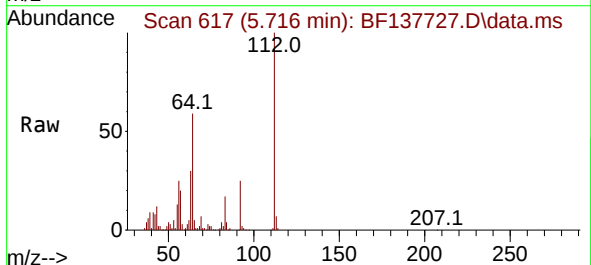
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:152 Resp: 264701
Ion Ratio Lower Upper
152 100
150 153.6 124.2 186.4
115 61.0 50.8 76.2



#5
2-Fluorophenol
Concen: 32.517 ng
RT: 5.716 min Scan# 617
Delta R.T. 0.035 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

Tgt Ion:112 Resp: 566622
Ion Ratio Lower Upper
112 100
64 58.6 50.1 75.1
63 30.0 25.2 37.8

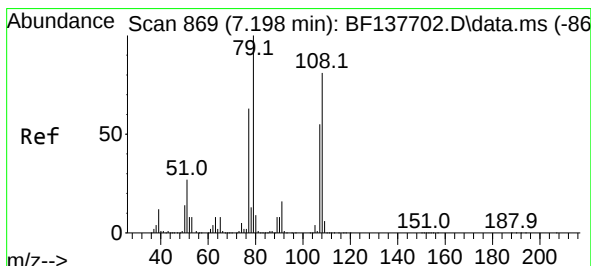
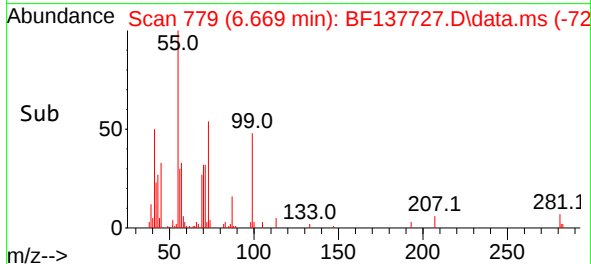
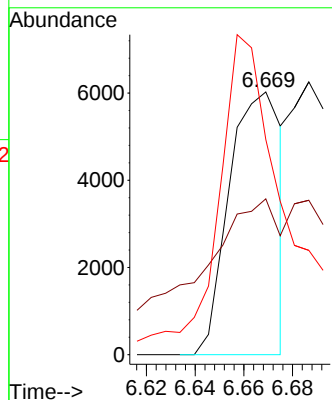
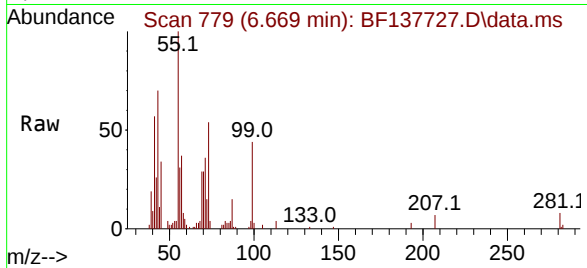




#7
Phenol-d6
Concen: 0.406 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

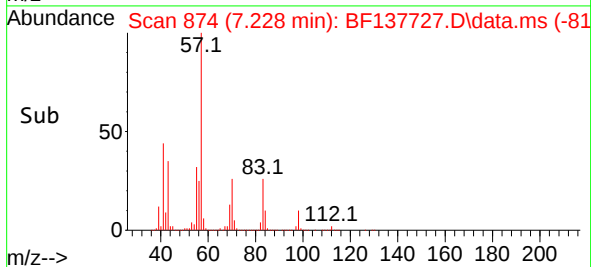
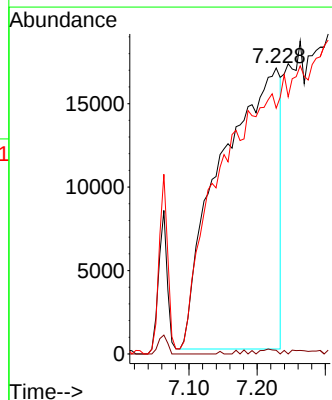
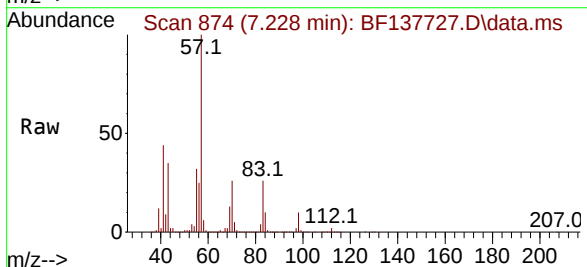
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

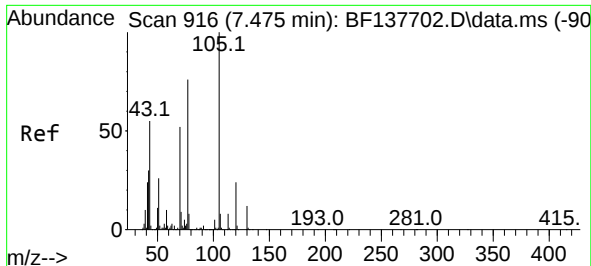
Tgt Ion: 99 Resp: 8986
Ion Ratio Lower Upper
99 100
42 59.3 15.0 22.4#
71 81.9 25.7 38.5#



#15
Benzyl Alcohol
Concen: 6.110 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.030 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

Tgt Ion: 79 Resp: 101140
Ion Ratio Lower Upper
79 100
108 1.3 64.8 97.2#
77 85.9 50.3 75.5#

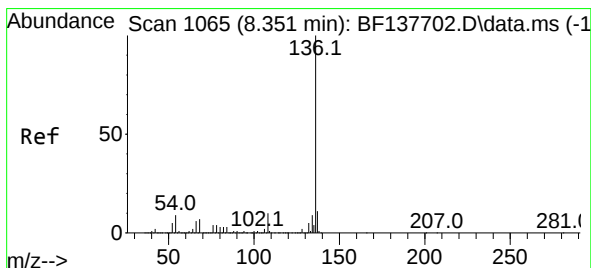
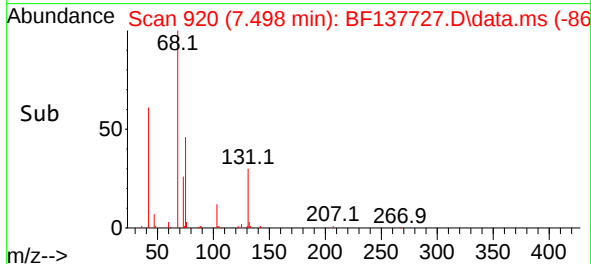
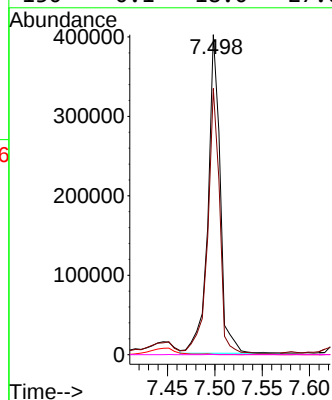
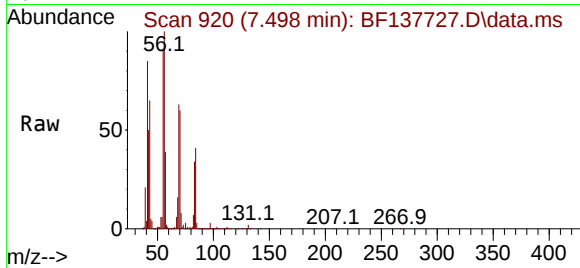




#19
n-Nitroso-di-n-propylamine
Concen: 24.963 ng
RT: 7.498 min Scan# 916
Delta R.T. 0.024 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

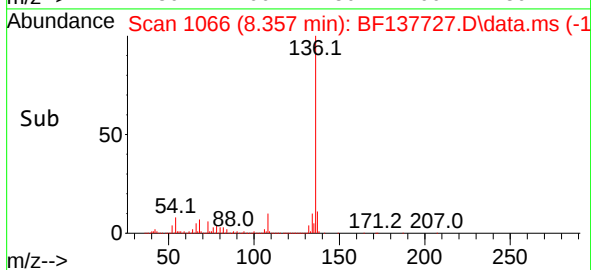
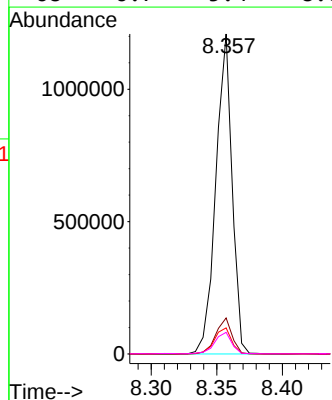
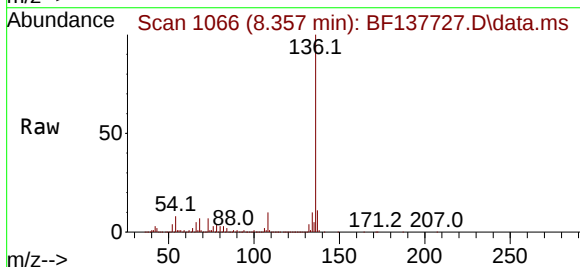
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

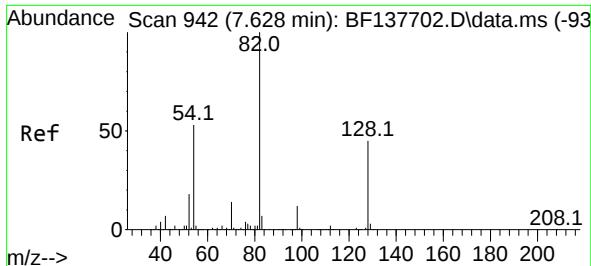
Tgt Ion: 70 Resp: 357206
Ion Ratio Lower Upper
70 100
42 83.2 45.9 68.9#
101 0.1 8.0 12.0#
130 0.1 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.357 min Scan# 1066
Delta R.T. 0.006 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

Tgt Ion: 136 Resp: 1040585
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.1 6.9 10.3
68 6.7 5.4 8.0





#23

Nitrobenzene-d5

Concen: 71.443 ng

RT: 7.651 min Scan# 946

Delta R.T. 0.024 min

Lab File: BF137727.D

Acq: 24 Apr 2024 19:57

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

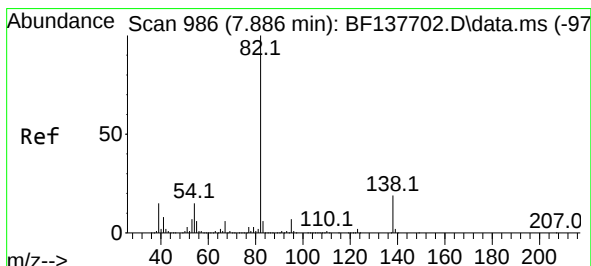
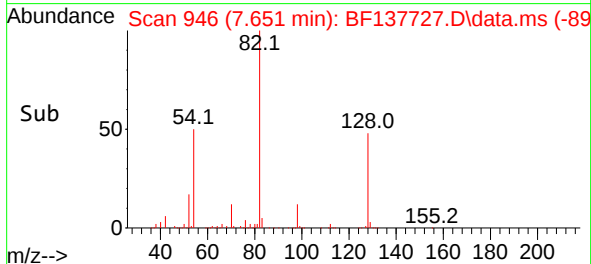
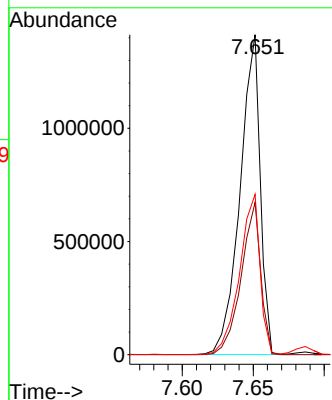
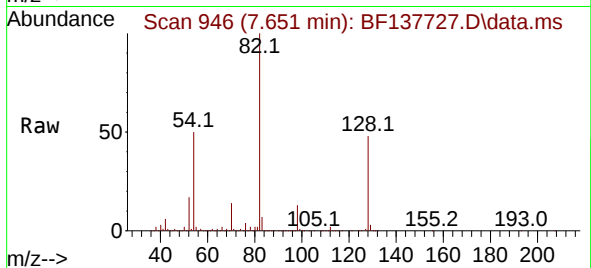
Tgt Ion: 82 Resp: 1400482

Ion Ratio Lower Upper

82 100

128 47.6 35.8 53.6

54 50.1 42.5 63.7



#25

Isophorone

Concen: 38.442 ng

RT: 7.651 min Scan# 946

Delta R.T. -0.235 min

Lab File: BF137727.D

Acq: 24 Apr 2024 19:57

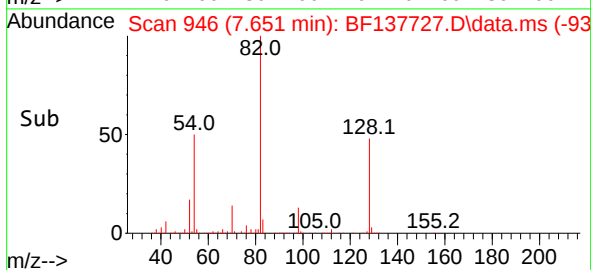
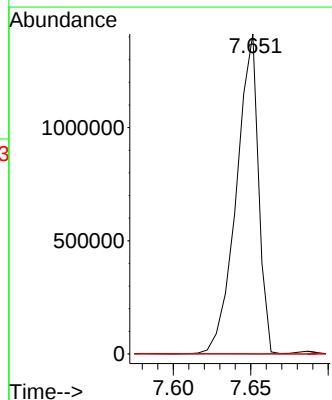
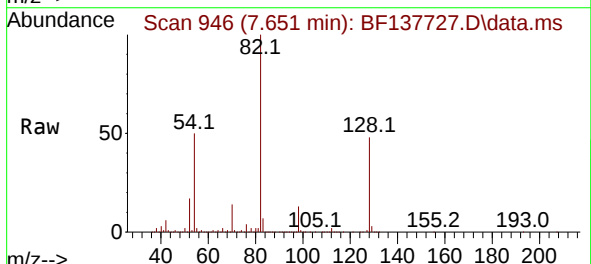
Tgt Ion: 82 Resp: 1399554

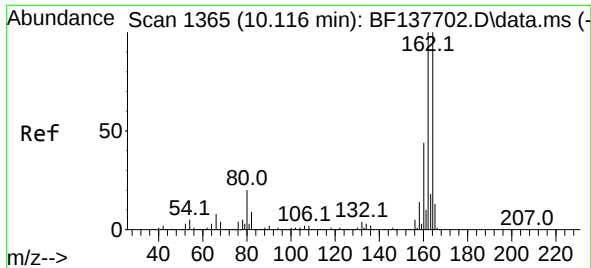
Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.3 22.9#

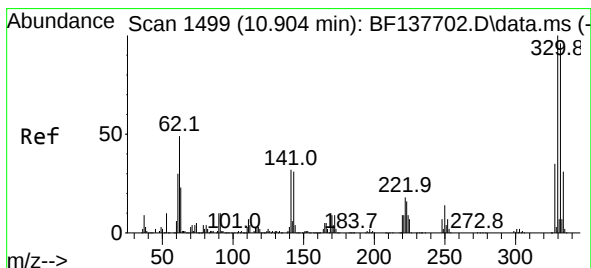
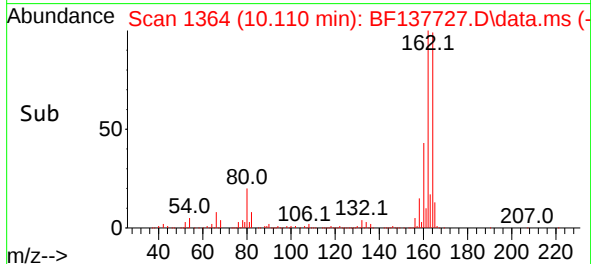
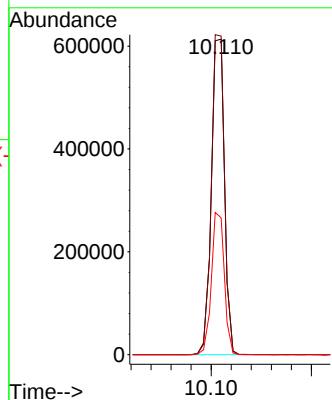
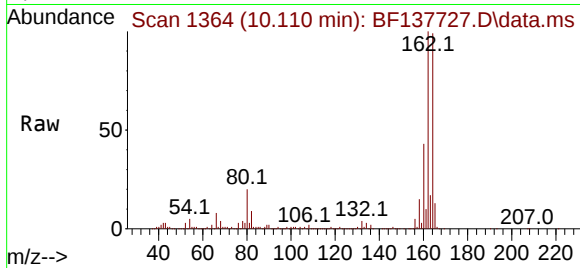




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

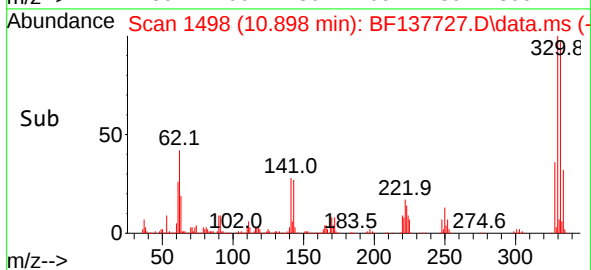
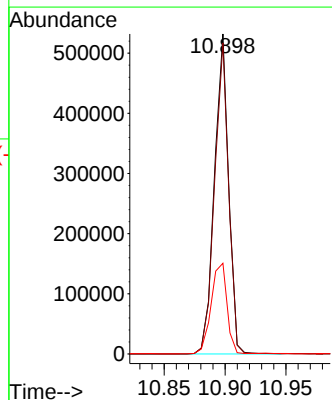
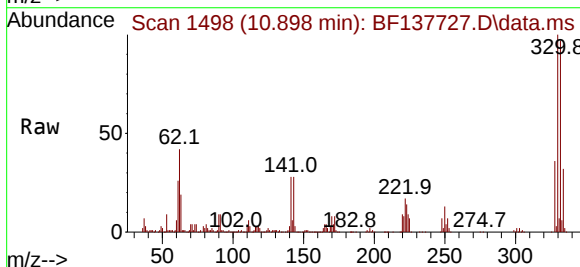
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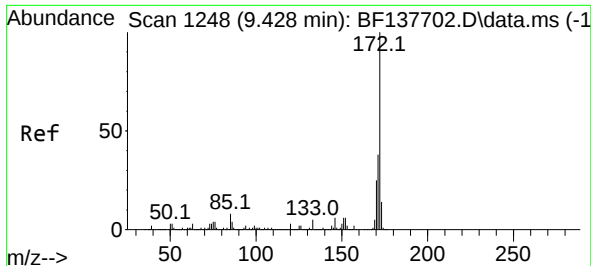
Tgt Ion:164 Resp: 558885
Ion Ratio Lower Upper
164 100
162 100.9 80.3 120.5
160 43.4 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 76.436 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

Tgt Ion:330 Resp: 431064
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 31.7 27.0 40.4

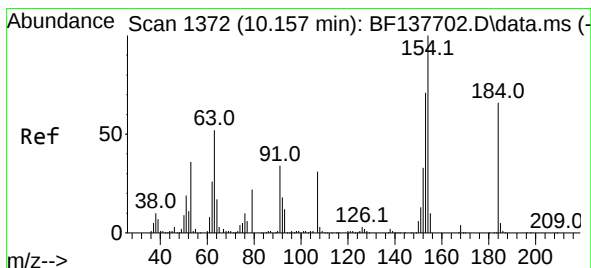
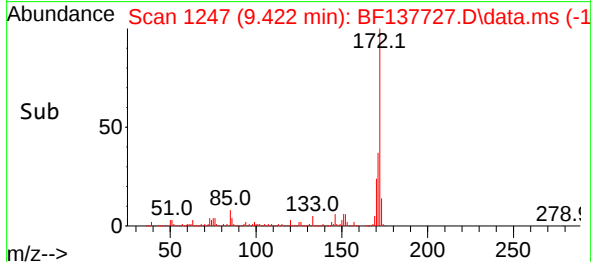
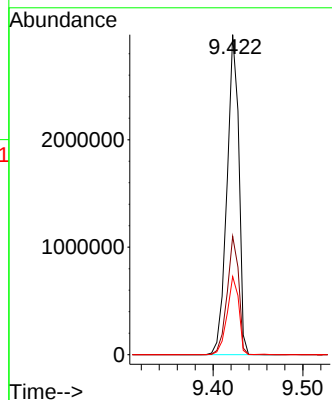
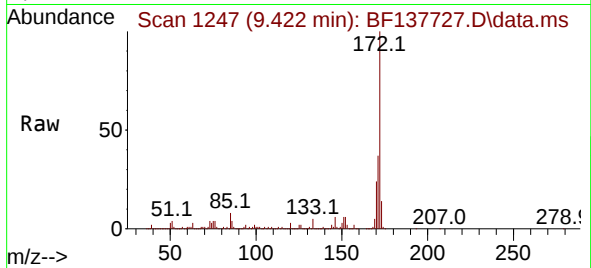




#45
2-Fluorobiphenyl
Concen: 73.145 ng
RT: 9.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

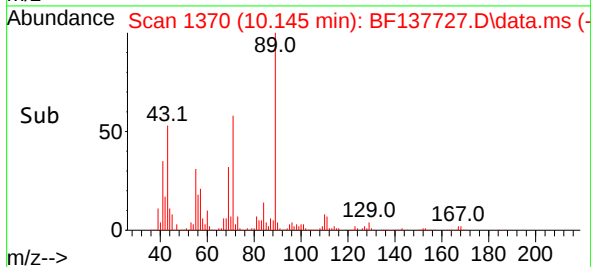
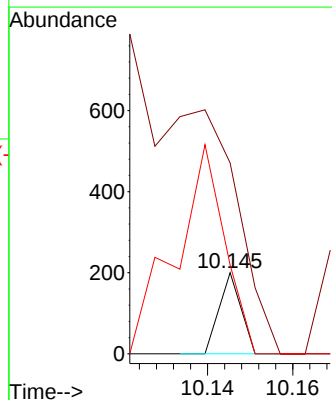
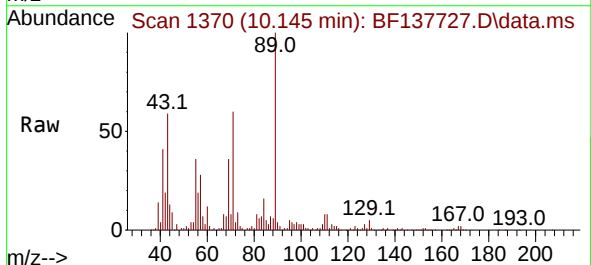
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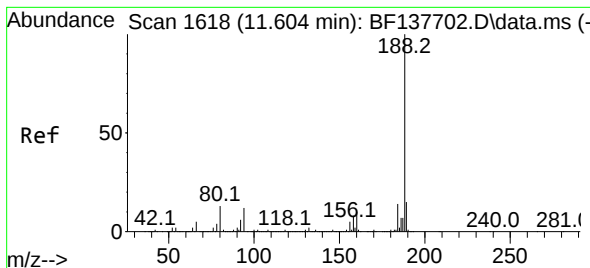
Tgt Ion:172 Resp: 2735869
Ion Ratio Lower Upper
172 100
171 37.0 30.2 45.4
170 24.4 20.2 30.4



#54
2,4-Dinitrophenol
Concen: 5.605 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

Tgt Ion:184 Resp: 71
Ion Ratio Lower Upper
184 100
63 235.5 63.5 95.3#
154 109.5 123.0 184.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137727.D

Acq: 24 Apr 2024 19:57

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

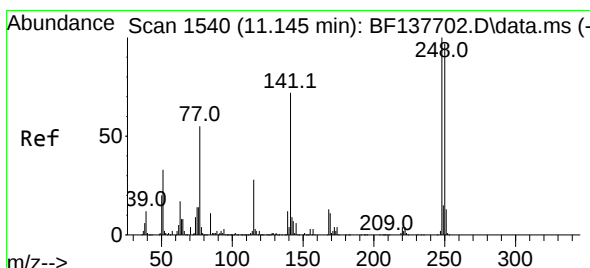
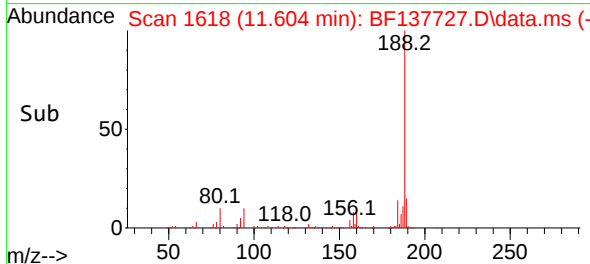
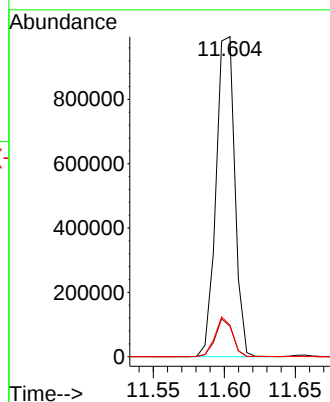
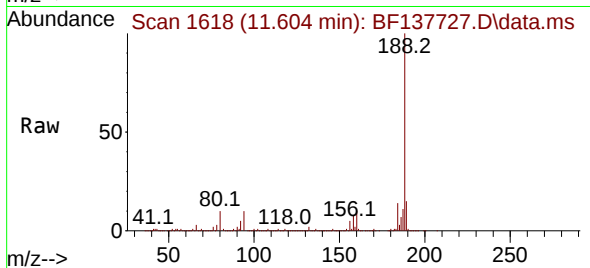
Tgt Ion:188 Resp: 913674

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

80 9.8 10.2 15.4#



#67

4-Bromophenyl-phenylether

Concen: 2.740 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.247 min

Lab File: BF137727.D

Acq: 24 Apr 2024 19:57

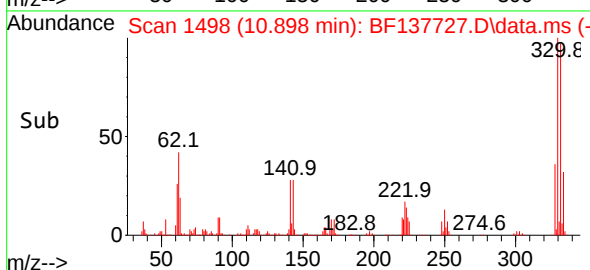
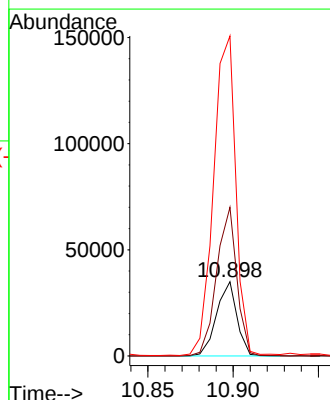
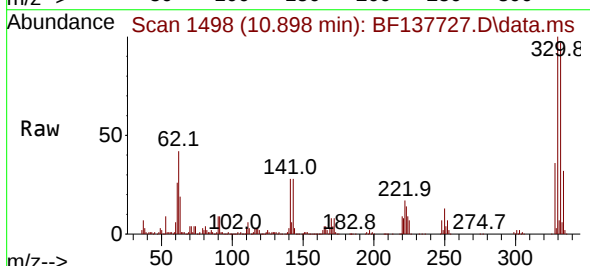
Tgt Ion:248 Resp: 29004

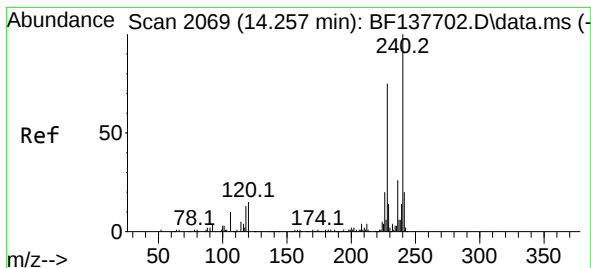
Ion Ratio Lower Upper

248 100

250 200.5 77.4 116.0#

141 431.4 57.9 86.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137727.D

Acq: 24 Apr 2024 19:57

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

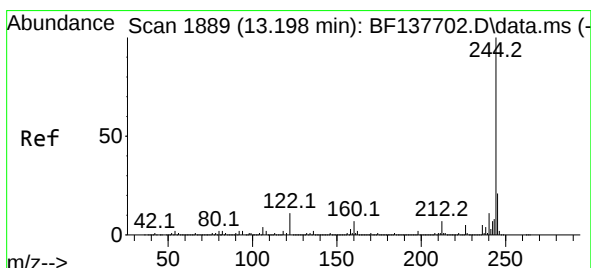
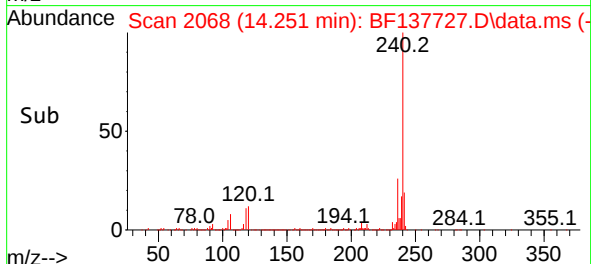
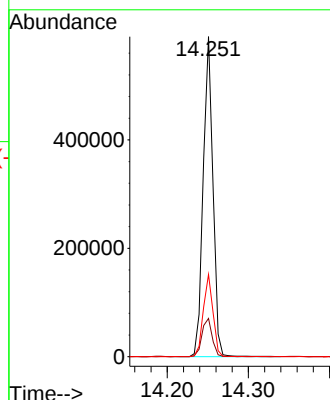
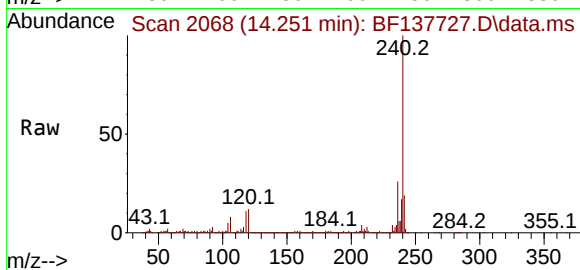
Tgt Ion:240 Resp: 492691

Ion Ratio Lower Upper

240 100

120 11.9 11.9 17.9

236 25.7 20.8 31.2



#79

Terphenyl-d14

Concen: 78.704 ng

RT: 13.192 min Scan# 1888

Delta R.T. -0.006 min

Lab File: BF137727.D

Acq: 24 Apr 2024 19:57

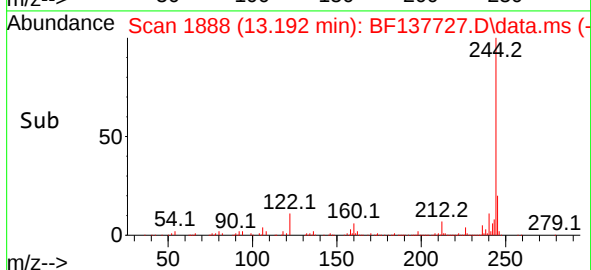
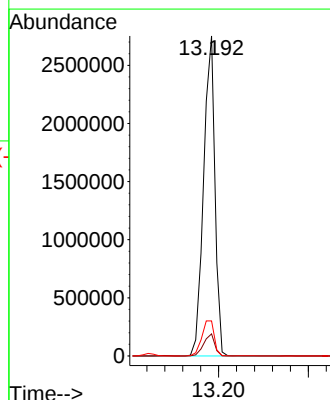
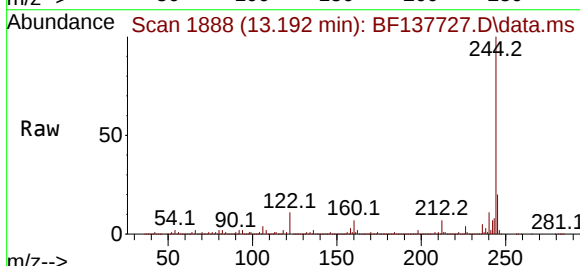
Tgt Ion:244 Resp: 2409153

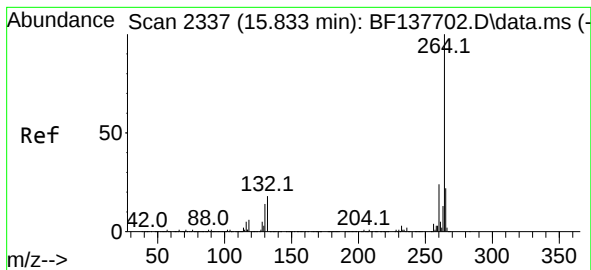
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.0 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137727.D

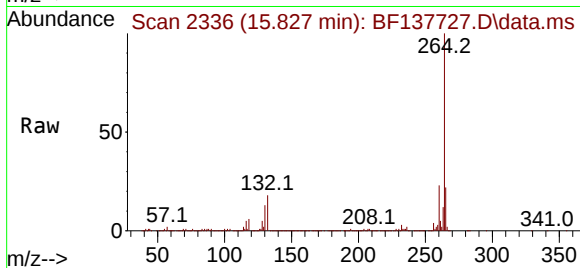
Acq: 24 Apr 2024 19:57

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE



Tgt Ion:264 Resp: 593786

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.5 17.5 26.3

