

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129100.D
 Acq On : 01 Jul 2022 19:27
 Operator : CG\JU
 Sample : N3561-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Quant Time: Jul 02 01:26:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

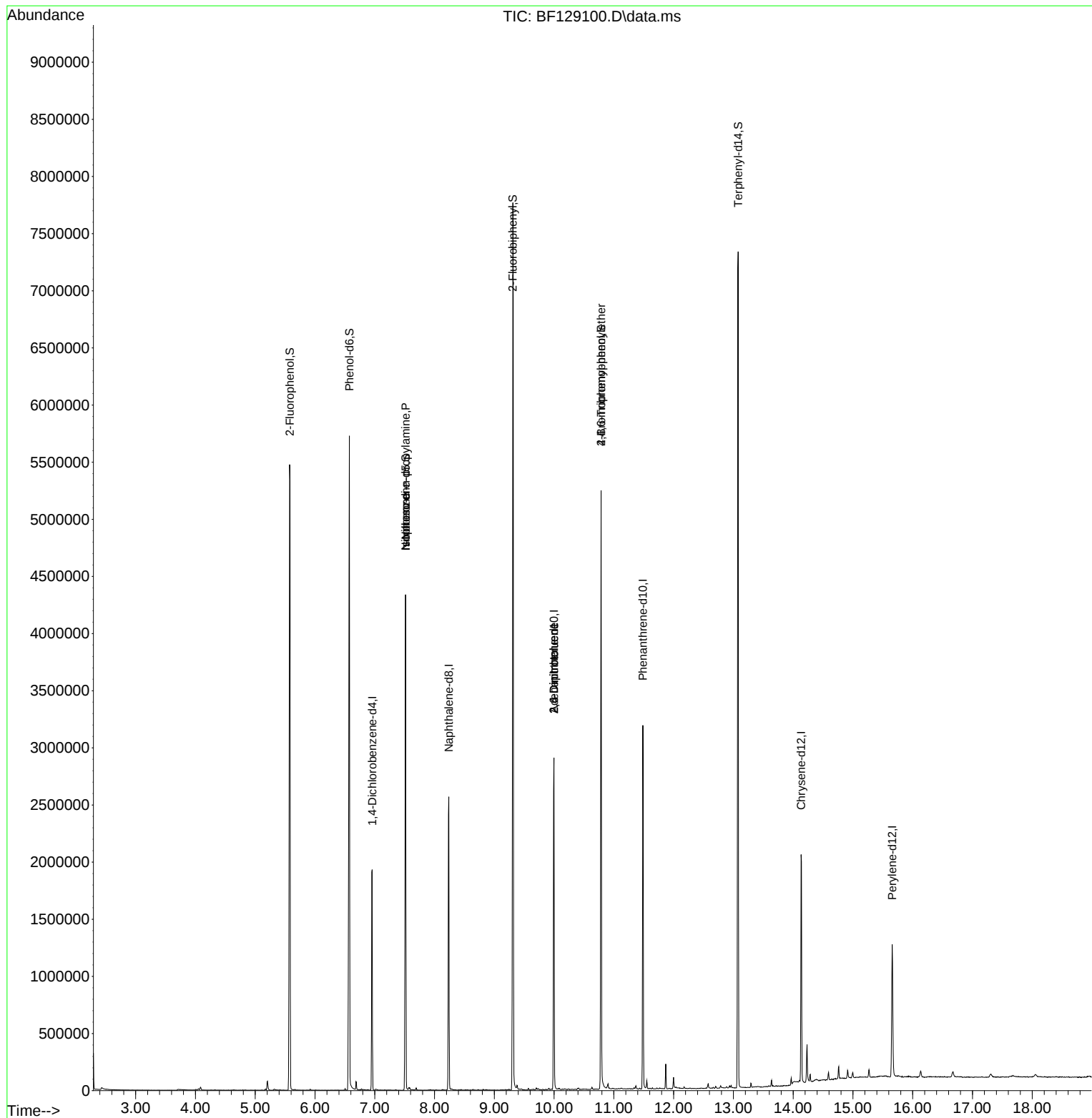
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	304890	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1172019	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	622966	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	1128775	20.000	ng	#-0.01
76) Chrysene-d12	14.133	240	724072	20.000	ng	-0.02
86) Perylene-d12	15.656	264	554563	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1682383	93.289	ng	0.00
7) Phenol-d6	6.575	99	2093227	93.457	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1308454	66.590	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	622084	91.836	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	2501873	64.248	ng	-0.01
79) Terphenyl-d14	13.080	244	2645180	75.863	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	224	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.516	70	170312	13.145	ng	# 71
25) Isophorone	7.516	82	1270691	38.264	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	79924	10.036	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	80110	8.148	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	36989	3.081	ng	# 1

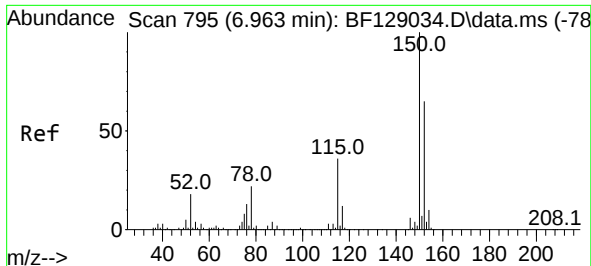
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

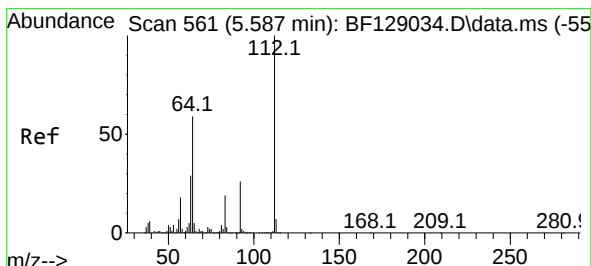
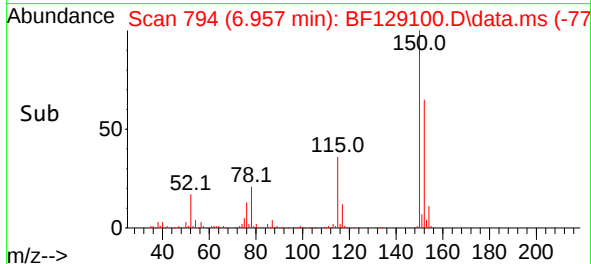
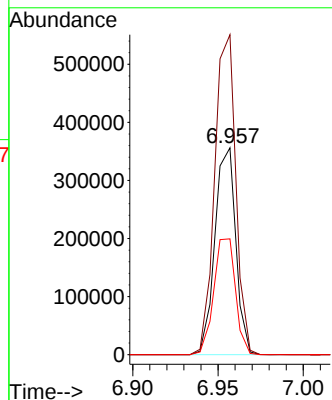
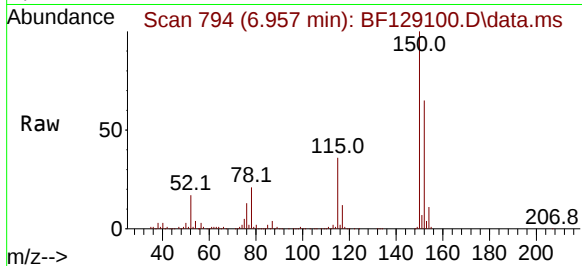




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

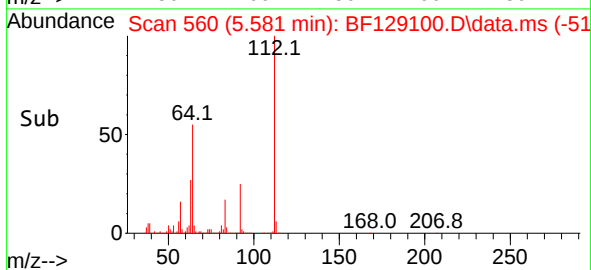
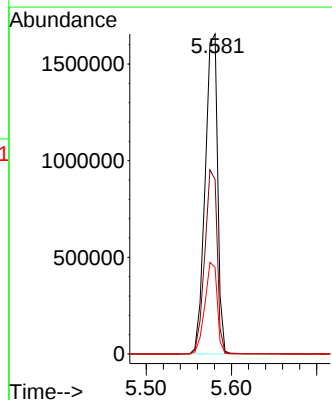
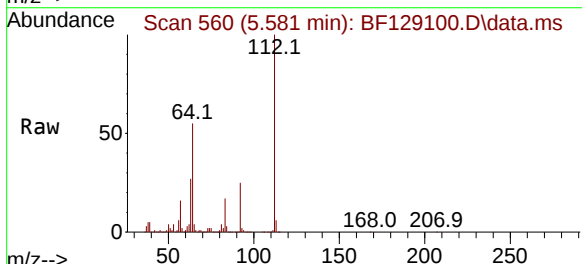
Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:152 Resp: 304890
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 56.0 49.9 74.9



#5
2-Fluorophenol
Concen: 93.289 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

Tgt Ion:112 Resp: 1682383
Ion Ratio Lower Upper
112 100
64 54.5 53.3 79.9
63 27.0 28.0 42.0#





#7
Phenol-d6
Concen: 93.457 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

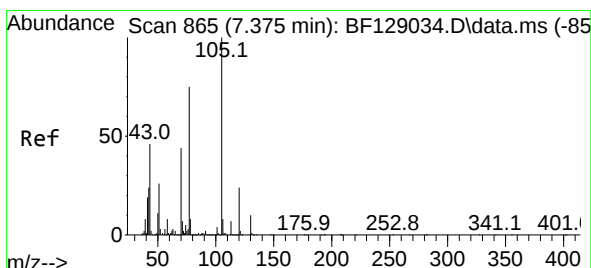
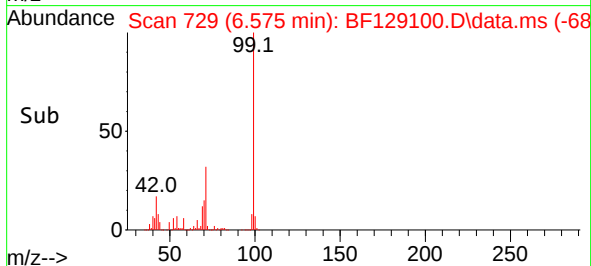
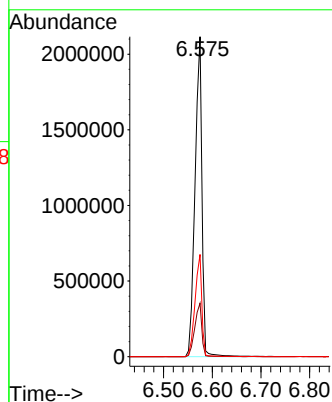
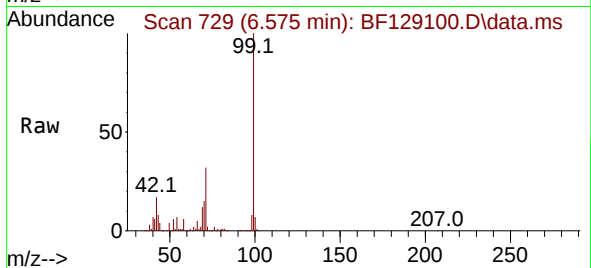
Instrument :

BNA_F

ClientSampleId :

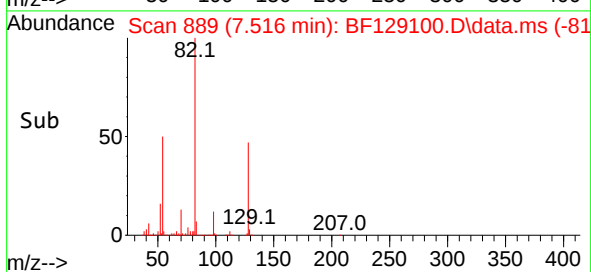
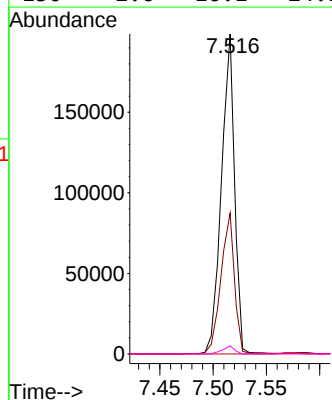
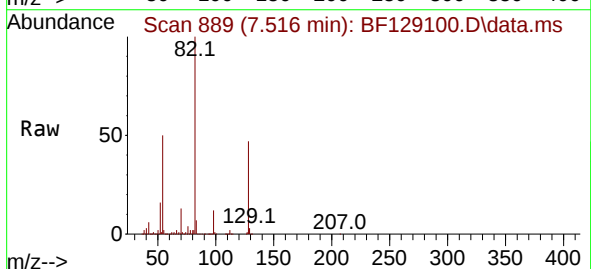
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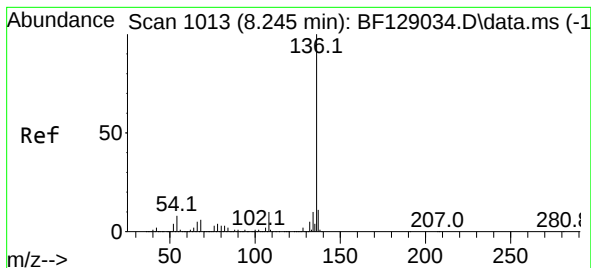
Tgt Ion: 99 Resp: 2093227
Ion Ratio Lower Upper
99 100
42 16.7 17.3 25.9#
71 31.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.145 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

Tgt Ion: 70 Resp: 170312
Ion Ratio Lower Upper
70 100
42 44.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.6 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129100.D

Acq: 01 Jul 2022 19:27

Instrument :

BNA_F

ClientSampleId :

S-2

Tgt Ion:136 Resp: 1172019

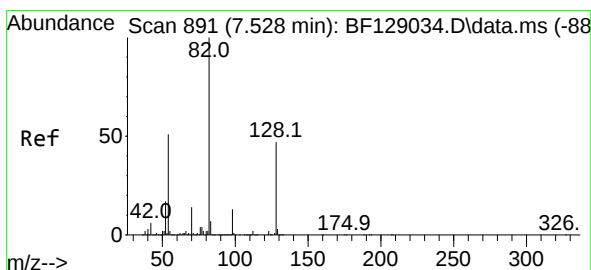
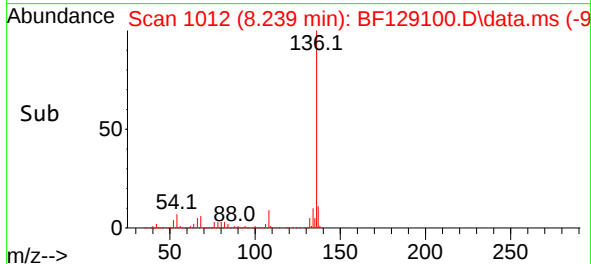
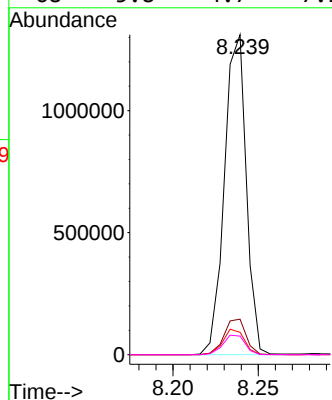
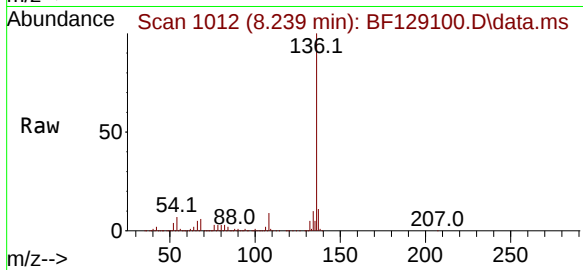
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.0 7.5 11.3#

68 5.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 66.590 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF129100.D

Acq: 01 Jul 2022 19:27

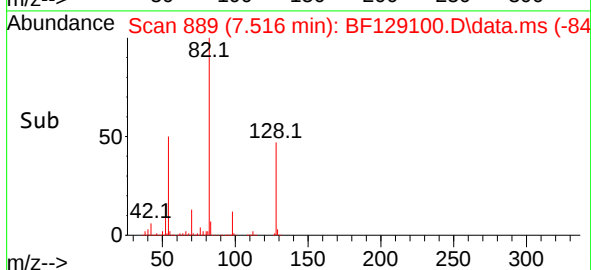
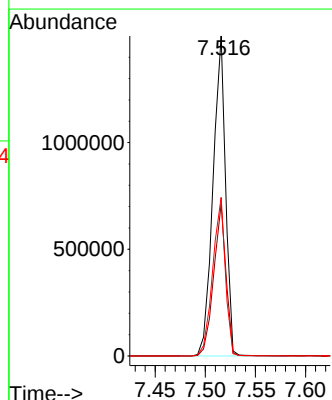
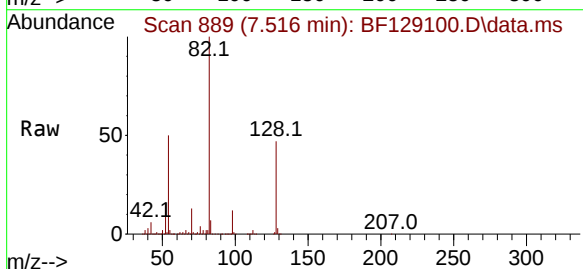
Tgt Ion: 82 Resp: 1308454

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

54 49.5 46.9 70.3

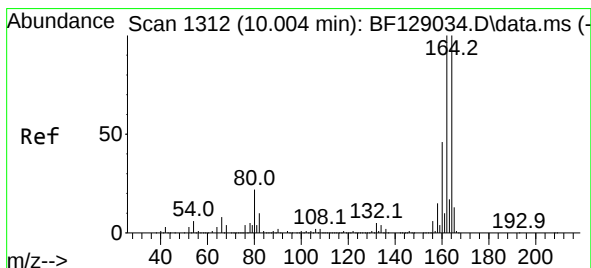
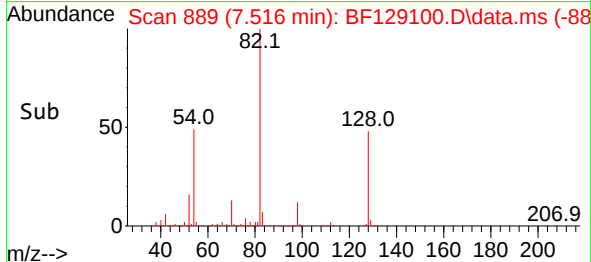
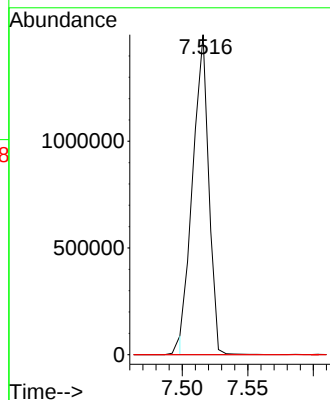
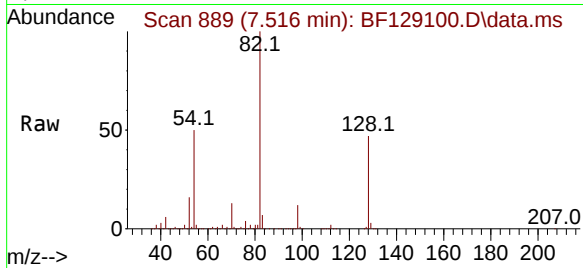




#25
Isophorone
Concen: 38.264 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

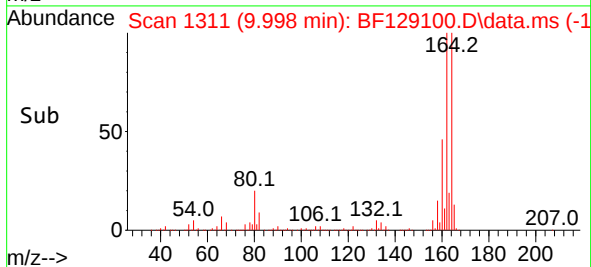
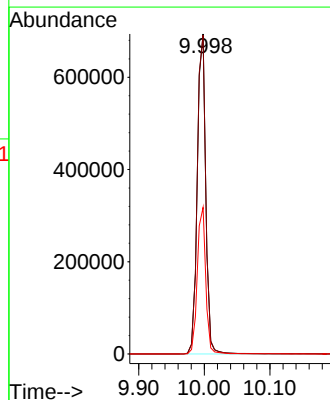
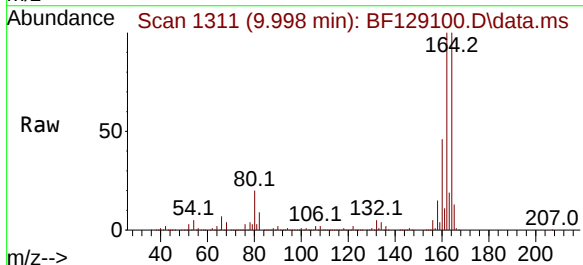
Instrument :
BNA_F
ClientSampleId :
S-2

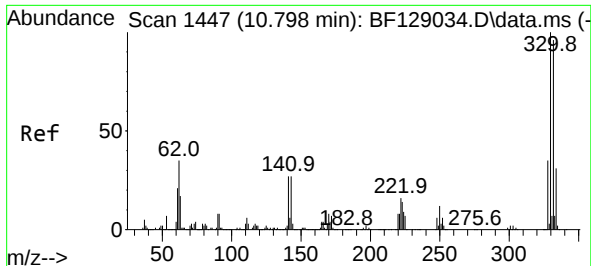
Tgt Ion: 82 Resp: 1270691
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

Tgt Ion:164 Resp: 622966
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 45.8 34.2 51.4

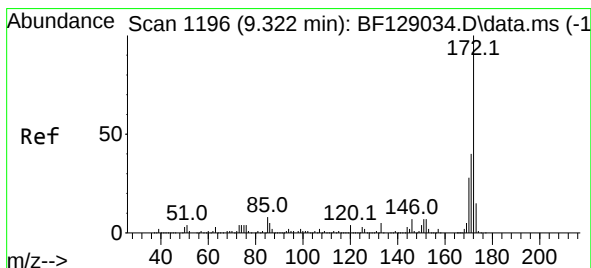
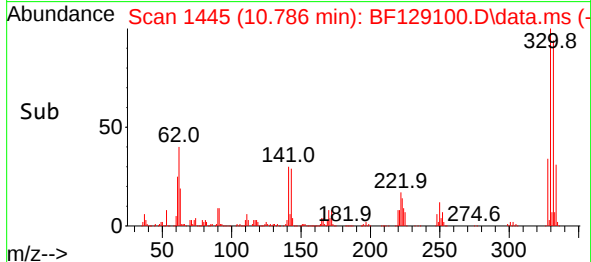
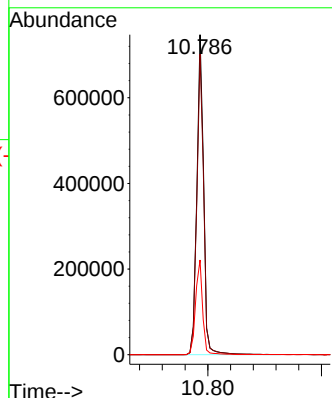
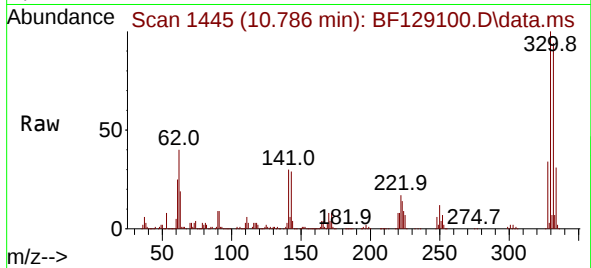




#42
2,4,6-Tribromophenol
Concen: 91.836 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

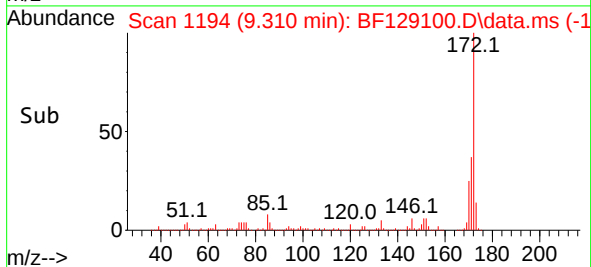
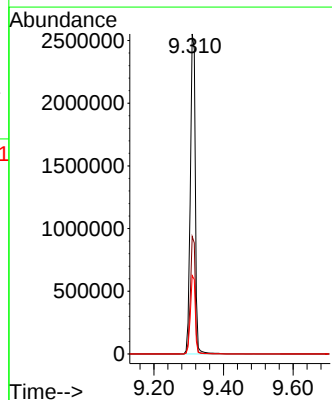
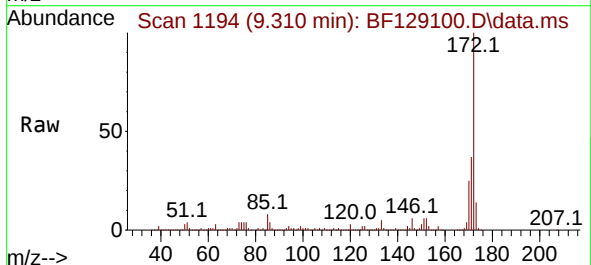
Instrument :
BNA_F
ClientSampleId :
S-2

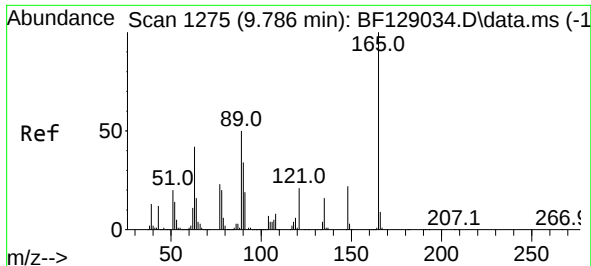
Tgt Ion:330 Resp: 622084
Ion Ratio Lower Upper
330 100
332 95.2 76.8 115.2
141 30.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 64.248 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

Tgt Ion:172 Resp: 2501873
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.5 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.036 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129100.D

Acq: 01 Jul 2022 19:27

Instrument :

BNA_F

ClientSampleId :

S-2

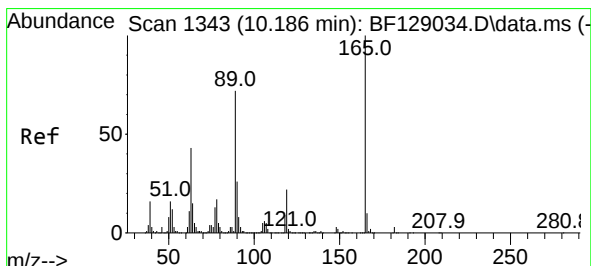
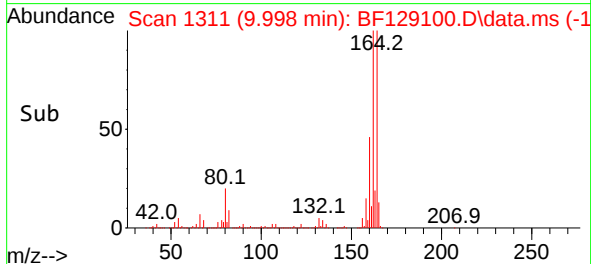
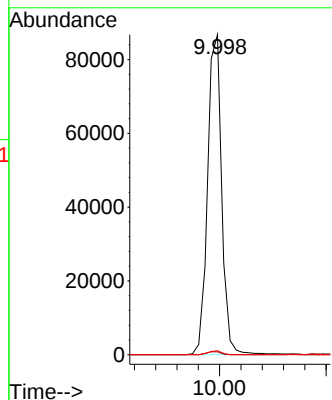
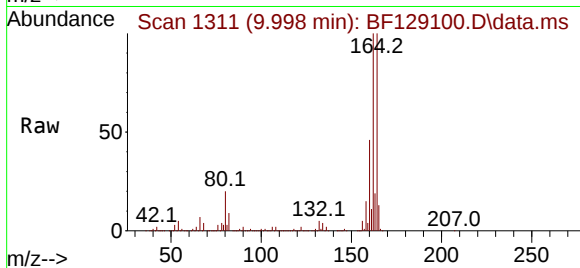
Tgt Ion:165 Resp: 79924

Ion Ratio Lower Upper

165 100

63 0.9 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.148 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129100.D

Acq: 01 Jul 2022 19:27

Tgt Ion:165 Resp: 80110

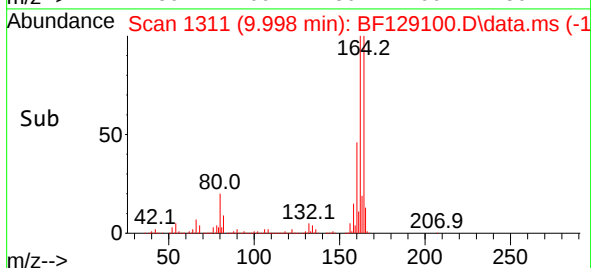
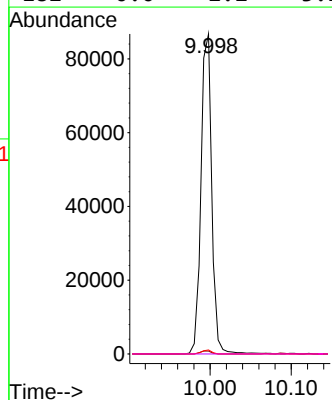
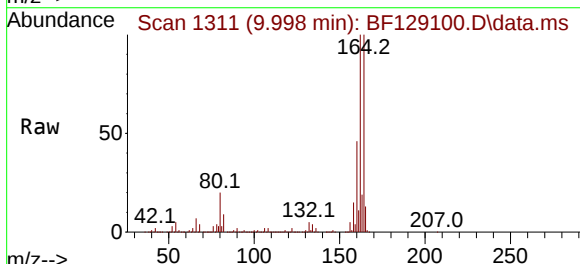
Ion Ratio Lower Upper

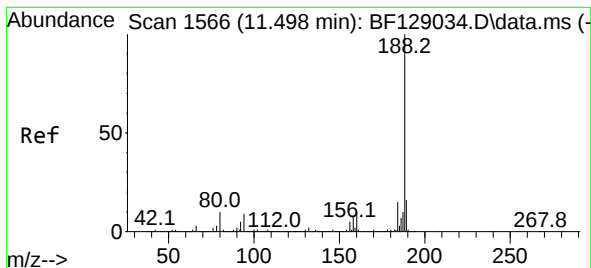
165 100

63 0.9 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129100.D

Acq: 01 Jul 2022 19:27

Instrument :

BNA_F

ClientSampleId :

S-2

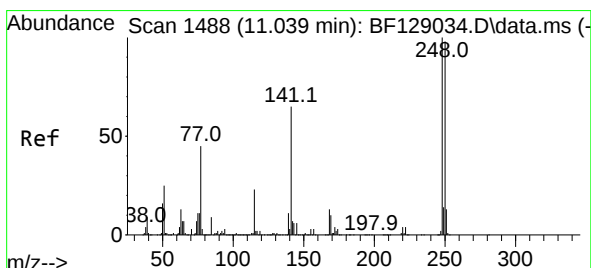
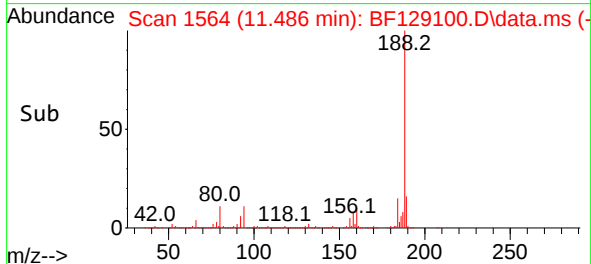
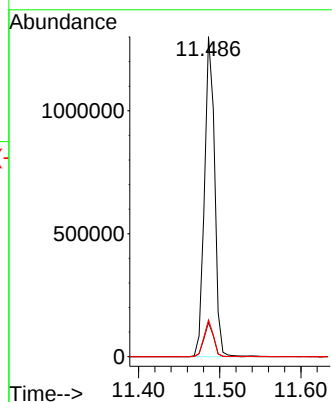
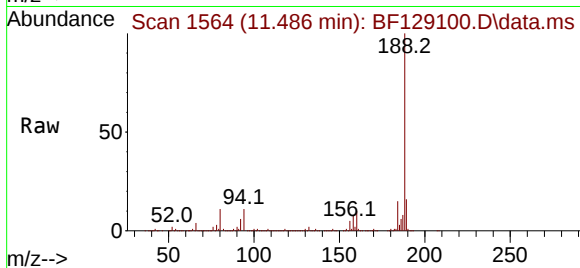
Tgt Ion:188 Resp: 1128775

Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 11.5 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.081 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129100.D

Acq: 01 Jul 2022 19:27

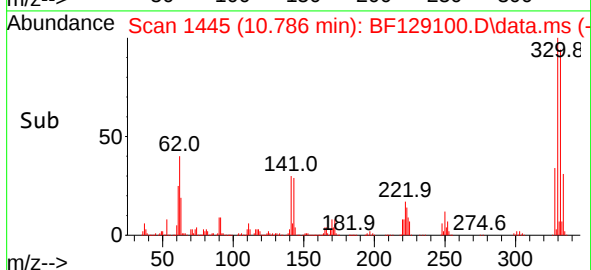
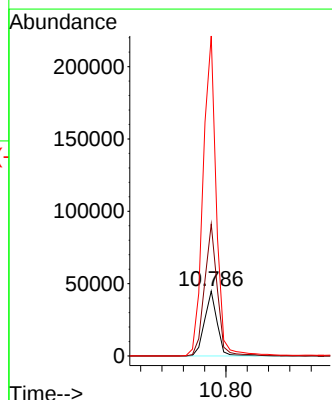
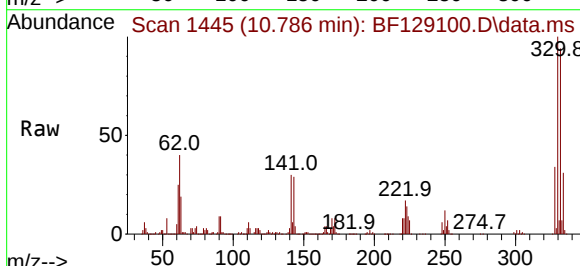
Tgt Ion:248 Resp: 36989

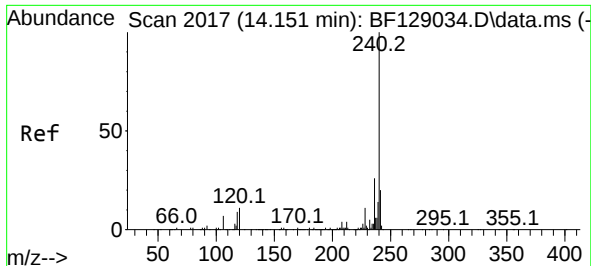
Ion Ratio Lower Upper

248 100

250 203.2 80.6 120.8#

141 493.2 58.9 88.3#

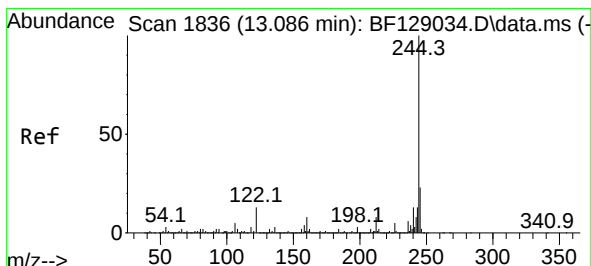
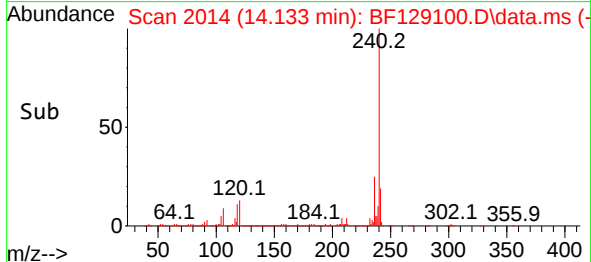
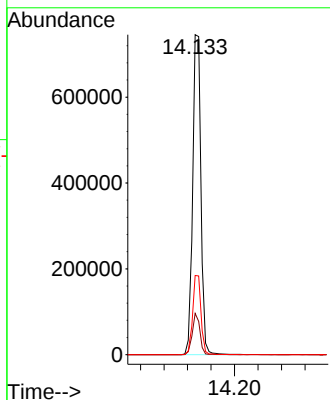
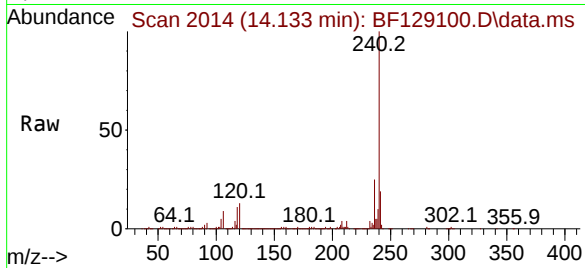




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

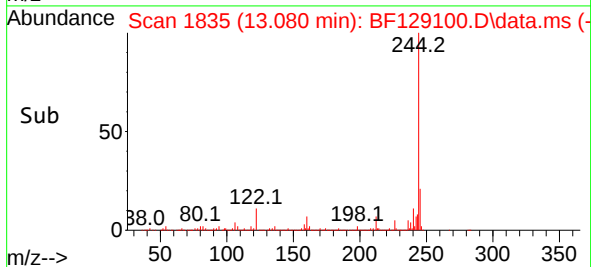
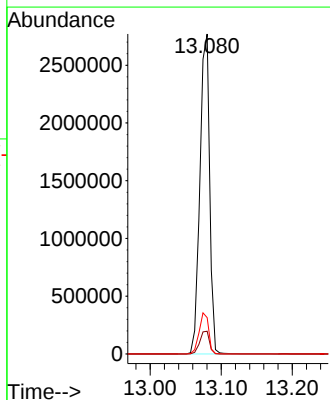
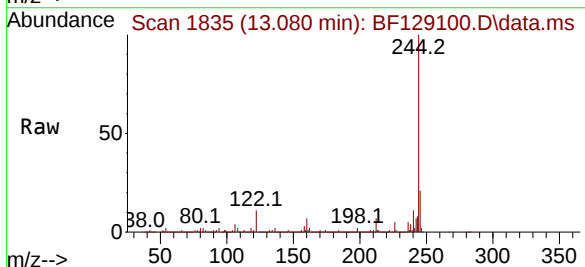
Instrument :
BNA_F
ClientSampleId :
S-2

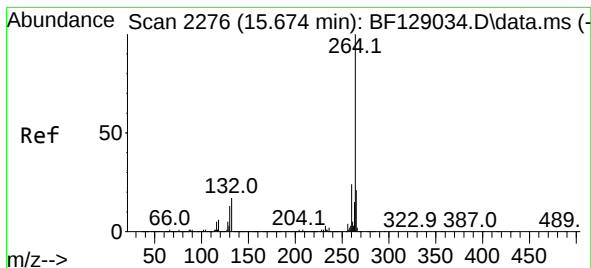
Tgt Ion:240 Resp: 724072
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 24.7 20.8 31.2



#79
Terphenyl-d14
Concen: 75.863 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

Tgt Ion:244 Resp: 2645180
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 11.4 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.656 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF129100.D

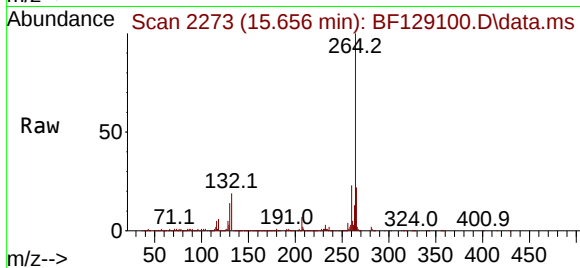
Acq: 01 Jul 2022 19:27

Instrument :

BNA_F

ClientSampleId :

S-2



Tgt Ion:264 Resp: 554563

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.6 17.2 25.8

