

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129138.D
 Acq On : 06 Jul 2022 12:35
 Operator : CG\JU
 Sample : PB146013BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146013BL

Quant Time: Jul 06 13:44:22 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)

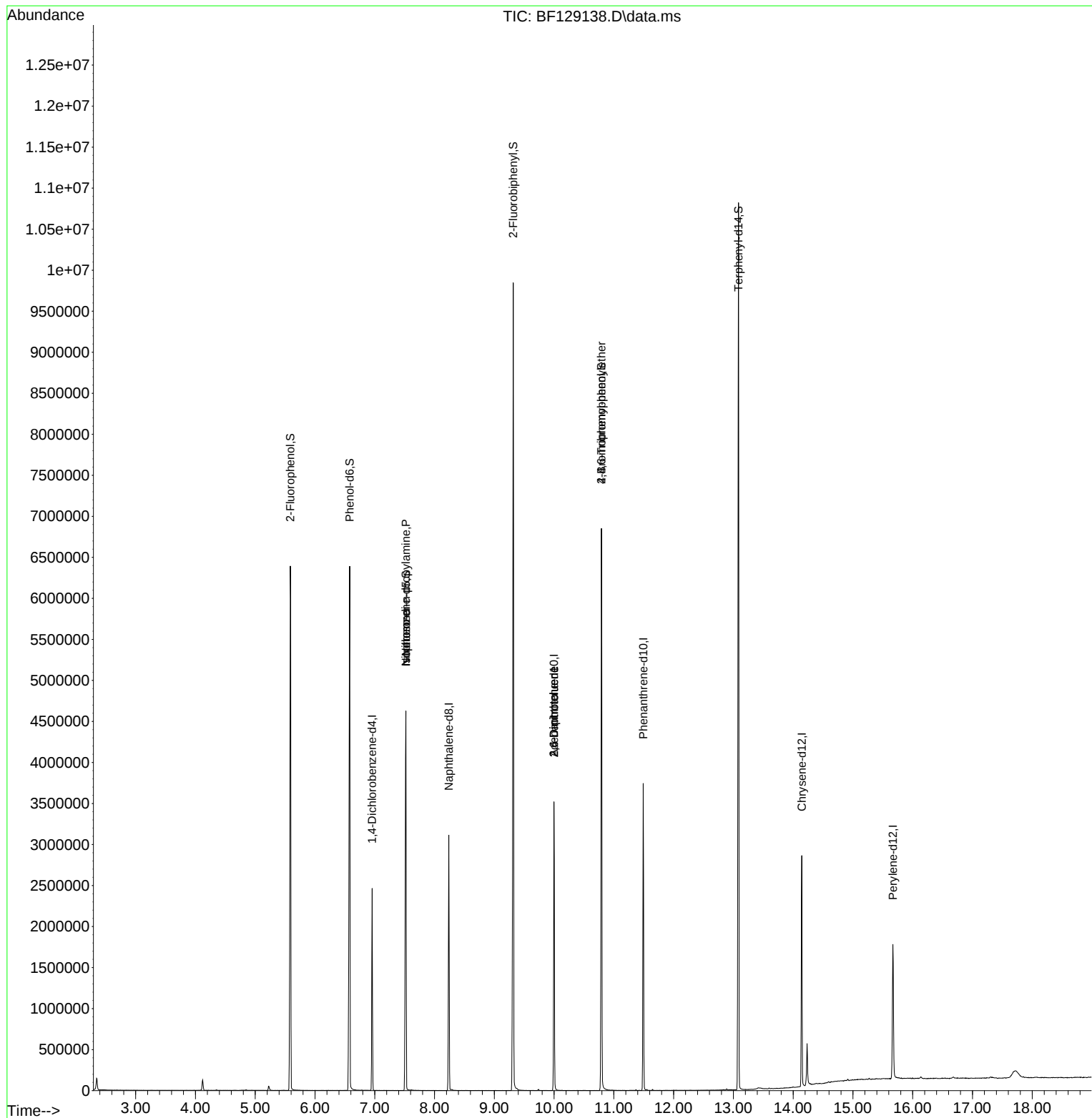
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	345579	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1377781	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	742433	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1325486	20.000	ng	# 0.00
76) Chrysene-d12	14.145	240	957913	20.000	ng	0.00
86) Perylene-d12	15.668	264	795492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2028040	99.215	ng	0.00
7) Phenol-d6	6.581	99	2550921	100.482	ng	0.00
23) Nitrobenzene-d5	7.522	82	1670975	72.339	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	979968	121.391	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3298162	71.068	ng	0.00
79) Terphenyl-d14	13.086	244	3947977	85.587	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	342	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.522	70	221378	15.074	ng	# 69
25) Isophorone	7.522	82	1631356	41.788	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	96330	10.150	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	96334	8.222	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	59302	4.206	ng	# 1

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

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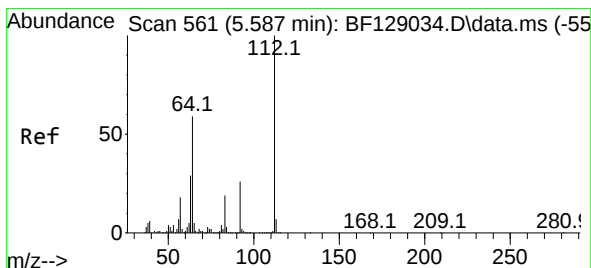
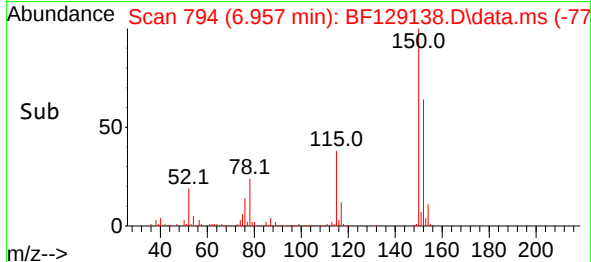
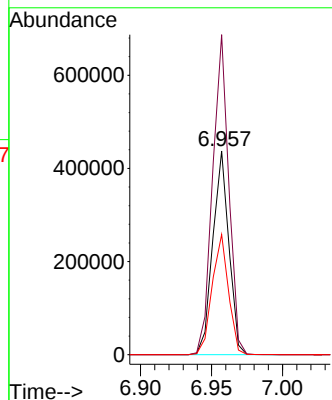
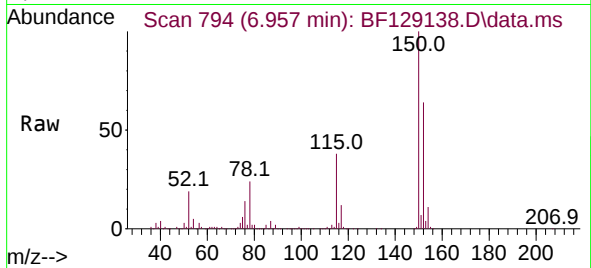




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129138.D
Acq: 06 Jul 2022 12:35

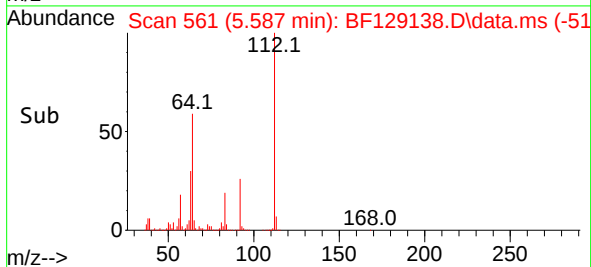
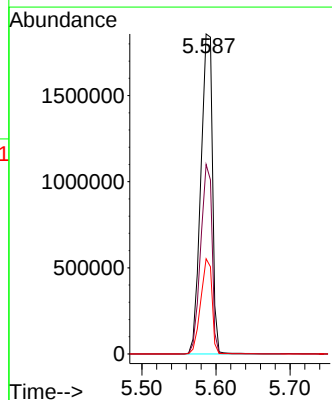
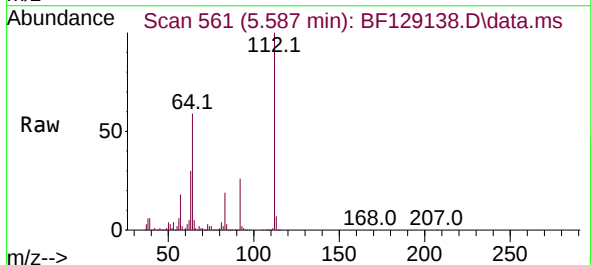
Instrument :
BNA_F
ClientSampleId :
PB146013BL

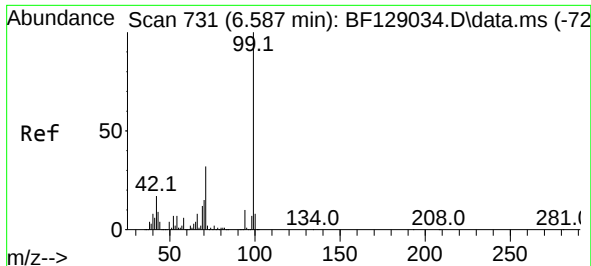
Tgt Ion:152 Resp: 345579
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 59.0 49.9 74.9



#5
2-Fluorophenol
Concen: 99.215 ng
RT: 5.587 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF129138.D
Acq: 06 Jul 2022 12:35

Tgt Ion:112 Resp: 2028040
Ion Ratio Lower Upper
112 100
64 59.2 53.3 79.9
63 29.8 28.0 42.0

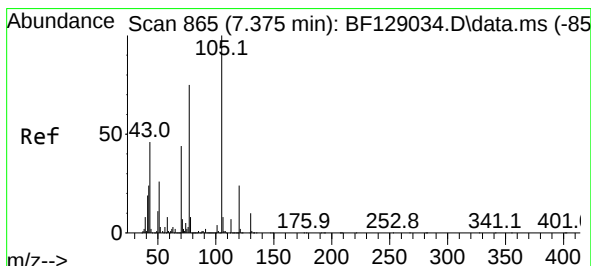
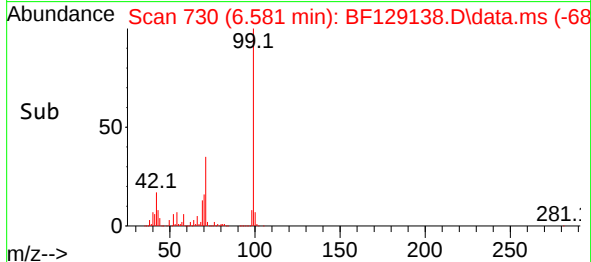
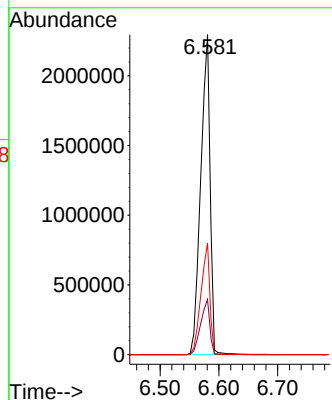
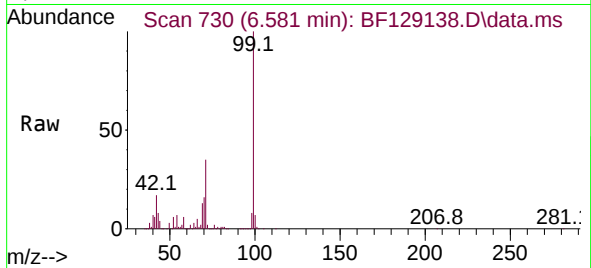




#7
Phenol-d6
Concen: 100.482 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129138.D
Acq: 06 Jul 2022 12:35

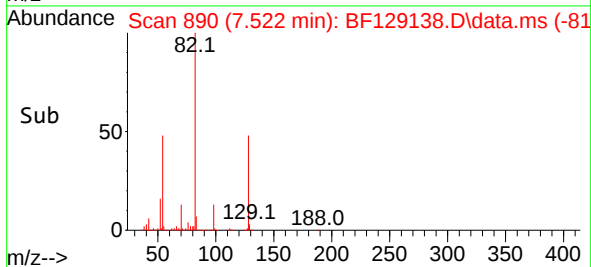
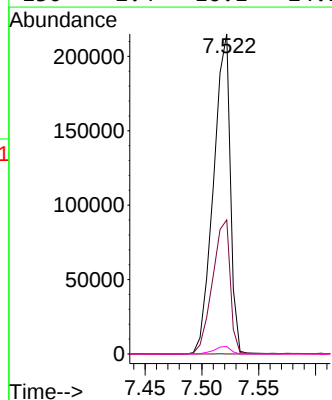
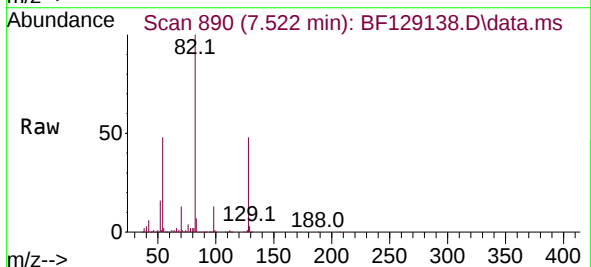
Instrument :
BNA_F
ClientSampleId :
PB146013BL

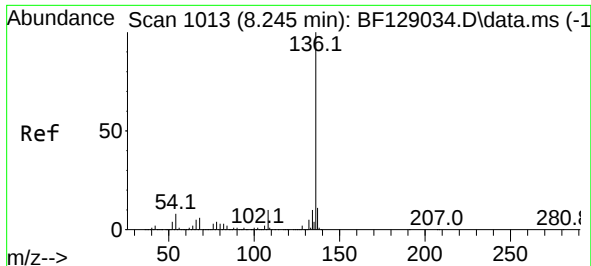
Tgt Ion: 99 Resp: 2550921
Ion Ratio Lower Upper
99 100
42 17.2 17.3 25.9#
71 34.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.074 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129138.D
Acq: 06 Jul 2022 12:35

Tgt Ion: 70 Resp: 221378
Ion Ratio Lower Upper
70 100
42 41.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 16.1 24.1#

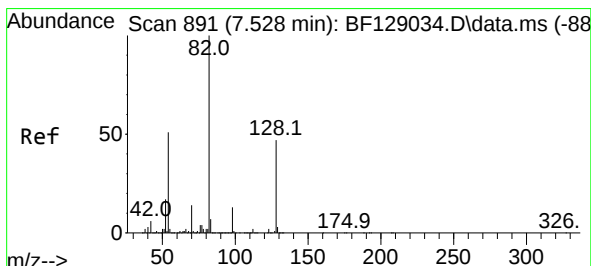
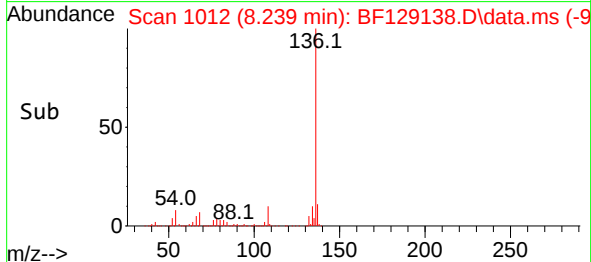
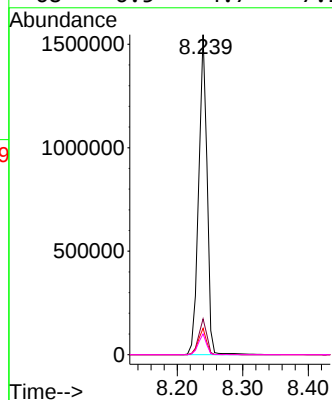
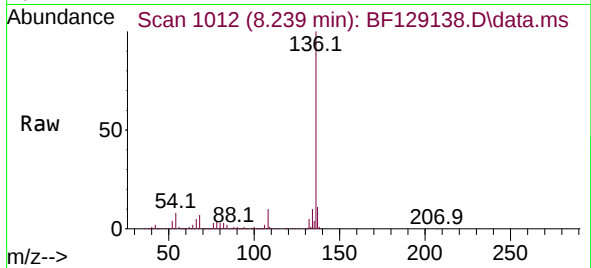




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129138.D
Acq: 06 Jul 2022 12:35

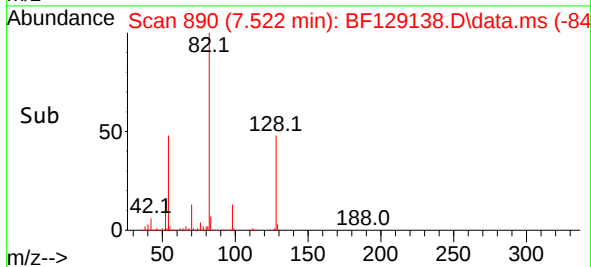
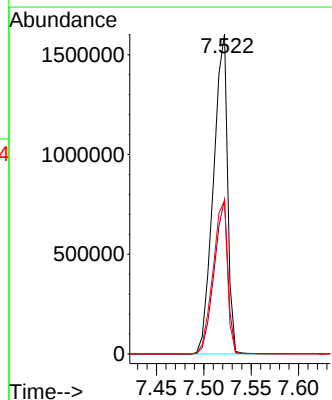
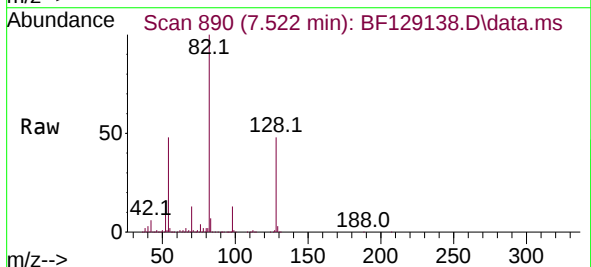
Instrument :
BNA_F
ClientSampleId :
PB146013BL

Tgt Ion:136 Resp: 1377781
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.2 7.5 11.3
68 6.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 72.339 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129138.D
Acq: 06 Jul 2022 12:35

Tgt Ion: 82 Resp: 1670975
Ion Ratio Lower Upper
82 100
128 48.3 34.0 51.0
54 47.9 46.9 70.3

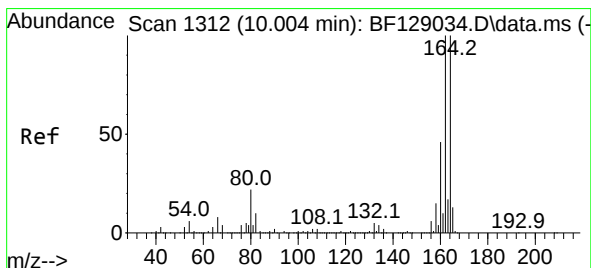
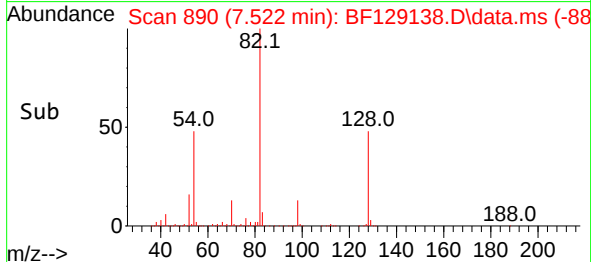
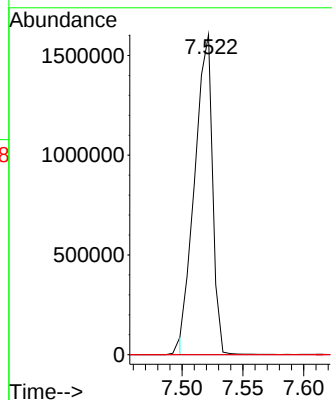
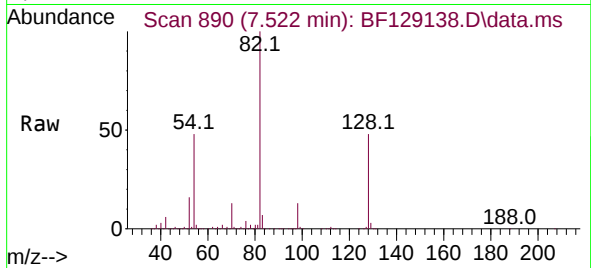




#25
Isophorone
Concen: 41.788 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF129138.D
Acq: 06 Jul 2022 12:35

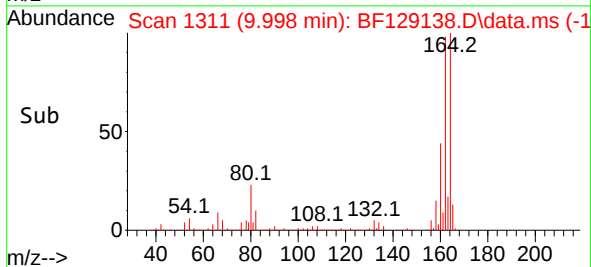
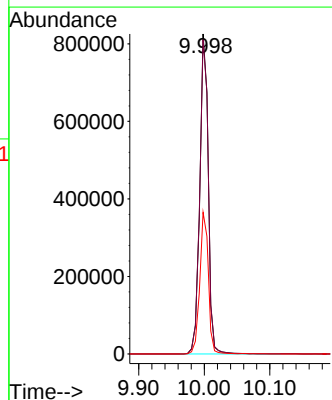
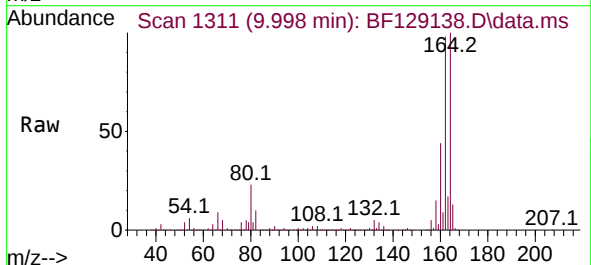
Instrument :
BNA_F
ClientSampleId :
PB146013BL

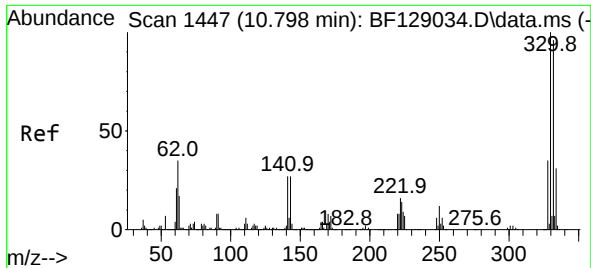
Tgt Ion: 82 Resp: 1631356
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129138.D
Acq: 06 Jul 2022 12:35

Tgt Ion:164 Resp: 742433
Ion Ratio Lower Upper
164 100
162 98.2 79.5 119.3
160 44.3 34.2 51.4

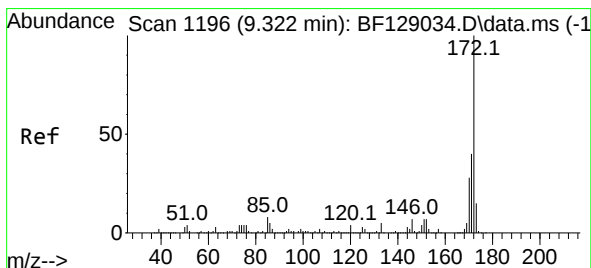
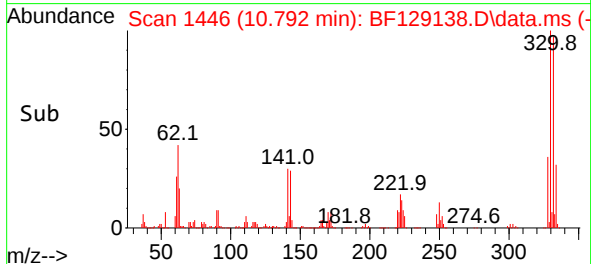
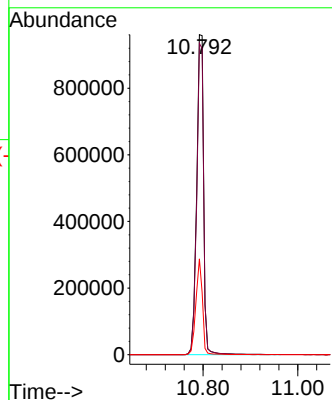
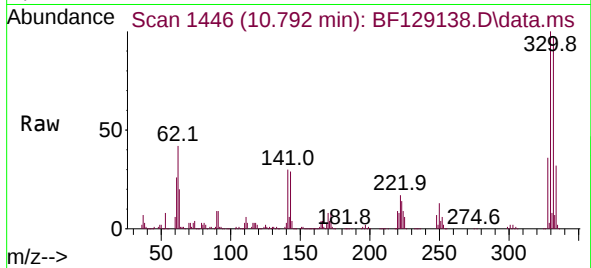




#42
2,4,6-Tribromophenol
Concen: 121.391 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129138.D
Acq: 06 Jul 2022 12:35

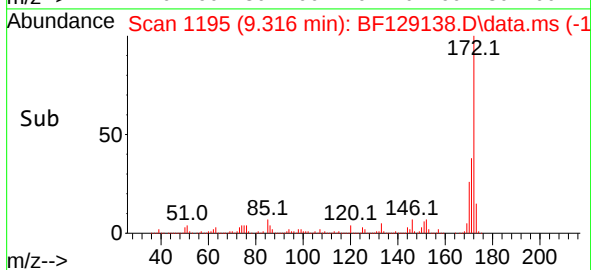
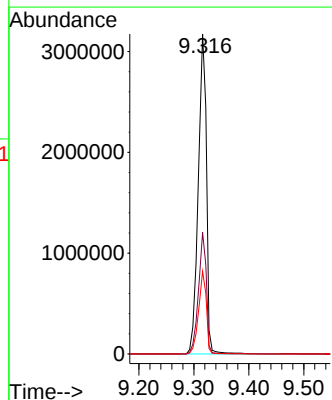
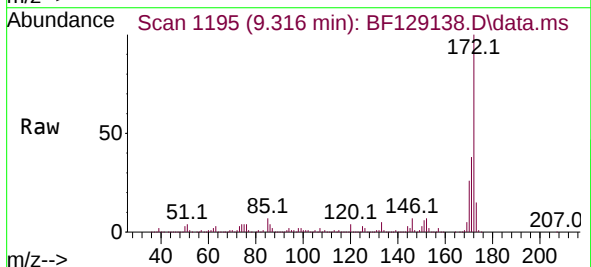
Instrument :
BNA_F
ClientSampleId :
PB146013BL

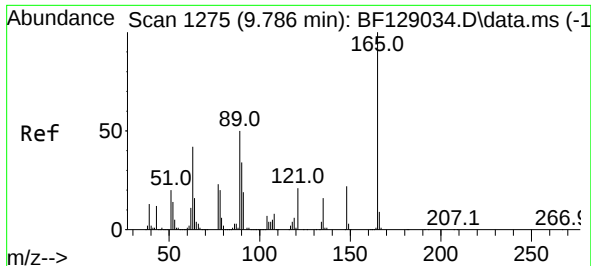
Tgt Ion:330 Resp: 979968
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 28.3 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 71.068 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129138.D
Acq: 06 Jul 2022 12:35

Tgt Ion:172 Resp: 3298162
Ion Ratio Lower Upper
172 100
171 38.0 28.8 43.2
170 25.9 19.8 29.8

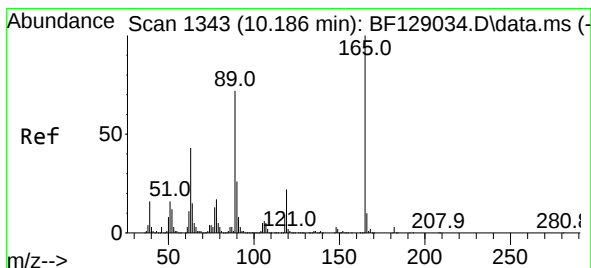
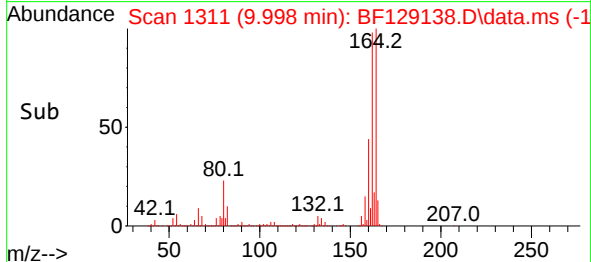
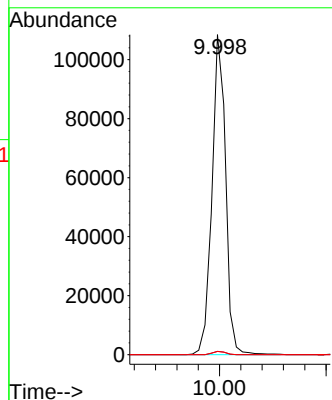
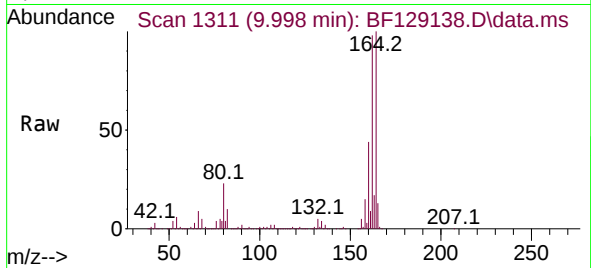




#51
2,6-Dinitrotoluene
Concen: 10.150 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF129138.D
Acq: 06 Jul 2022 12:35

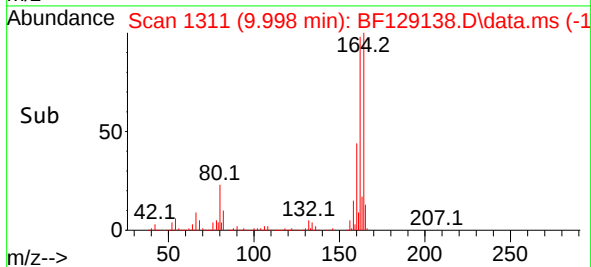
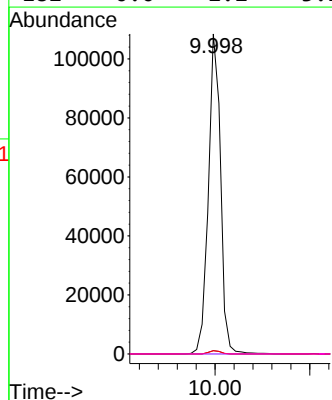
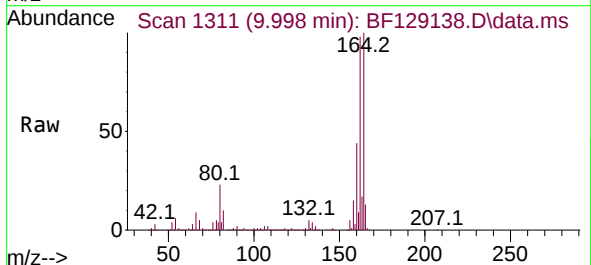
Instrument :
BNA_F
ClientSampleId :
PB146013BL

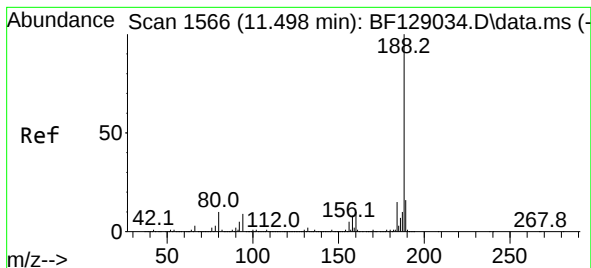
Tgt Ion:165 Resp: 96330
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.222 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129138.D
Acq: 06 Jul 2022 12:35

Tgt Ion:165 Resp: 96334
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.0 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129138.D

Acq: 06 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

PB146013BL

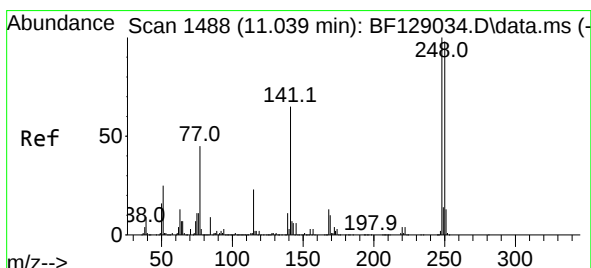
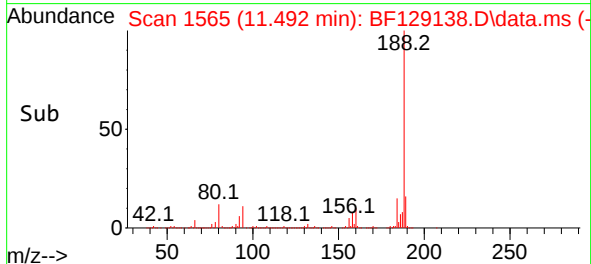
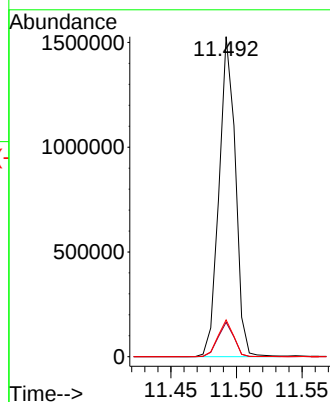
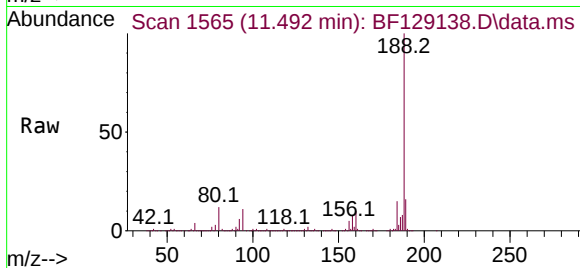
Tgt Ion:188 Resp: 1325486

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 11.5 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.206 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129138.D

Acq: 06 Jul 2022 12:35

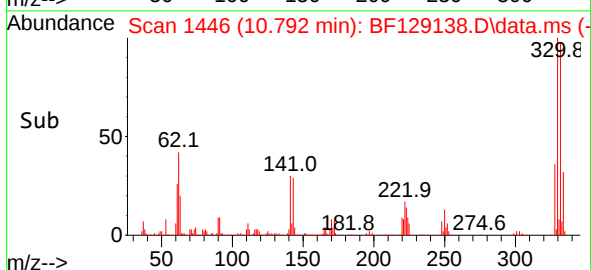
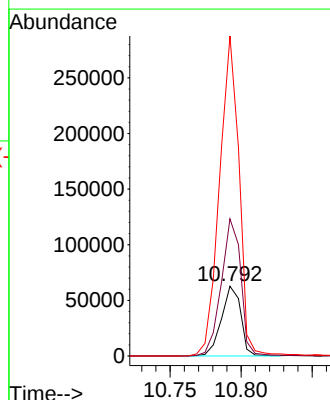
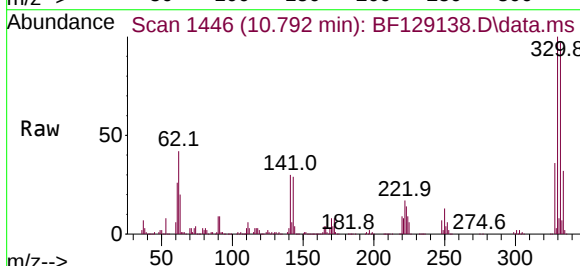
Tgt Ion:248 Resp: 59302

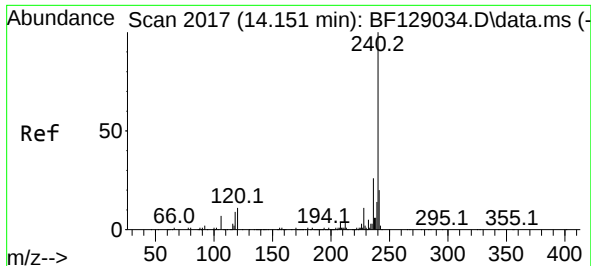
Ion Ratio Lower Upper

248 100

250 196.8 80.6 120.8#

141 459.1 58.9 88.3#

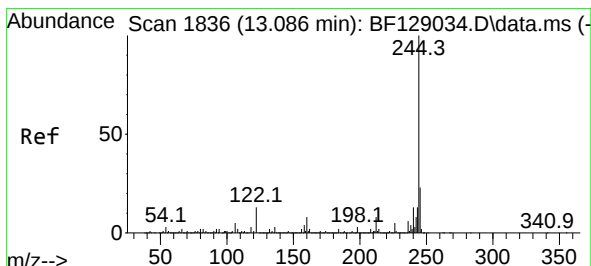
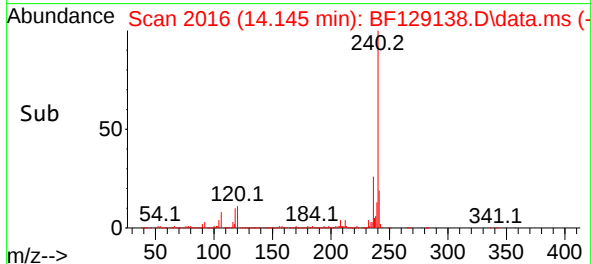
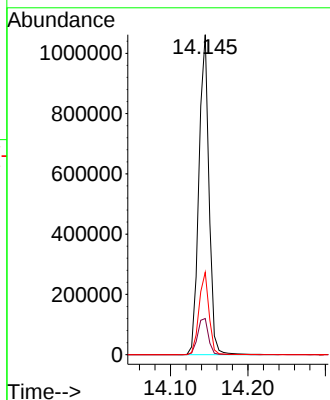
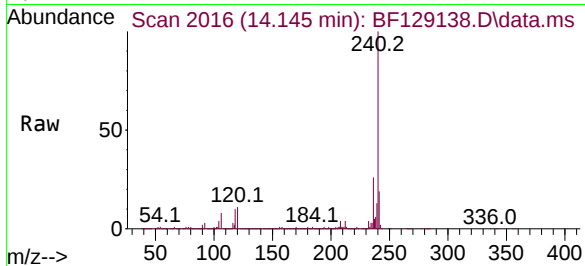




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129138.D
Acq: 06 Jul 2022 12:35

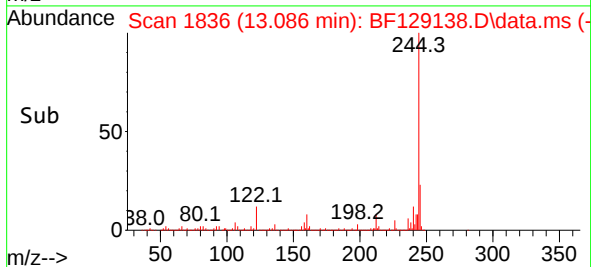
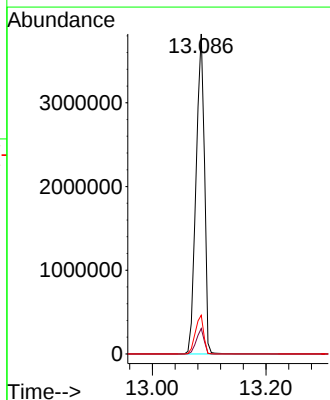
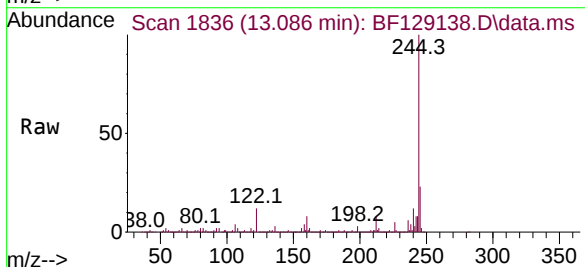
Instrument :
BNA_F
ClientSampleId :
PB146013BL

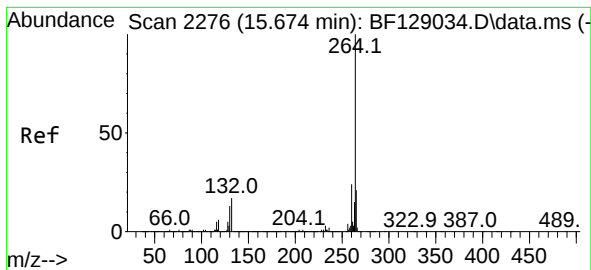
Tgt Ion:240 Resp: 957913
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 85.587 ng
RT: 13.086 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF129138.D
Acq: 06 Jul 2022 12:35

Tgt Ion:244 Resp: 3947977
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 12.1 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129138.D

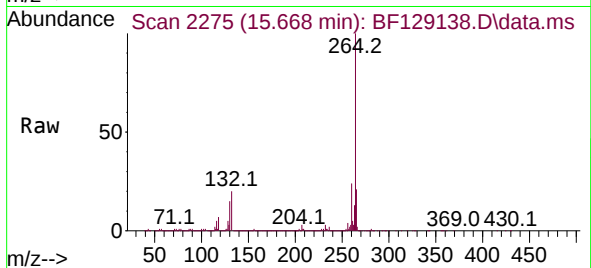
Acq: 06 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

PB146013BL



Tgt Ion:264 Resp: 795492

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.2 17.2 25.8

